

Luminaires



INSPIRATIONAL BOARD

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- Weltweit, Episode WW064 - Geschichten aus einer Welt im Wandel
- SAP Education Newsset, Episode 016 - Wissensmanagement
- Mindtrack - Learning Podcast
- PDF - Heiß das Morgen gestalten
- CS19

Lies mal:

- Yuval Noah Harari - 21 Lessons für das 21. Jhd.
- The Culture Code - the secrets of highly successful groups

Schau mal:

- WIRED: 5 Levels
- Am Wochenende einfach Offline sein

Luminaires

MITA



NEW 314

recessed ceiling

COMBO



334

recessed

VELA



342

surface



suspended

SONO



356

recessed surface



loop surface

FLOW



374

surface

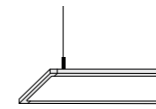
JANE



NEW 380

semi-recessed surface suspended

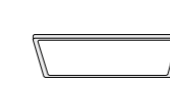
DESO



NEW 394

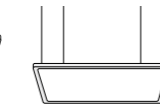
suspended

TASK

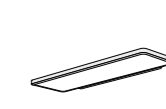


400

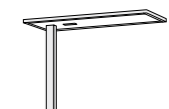
surface / acoustic



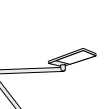
suspended / acoustic



wall

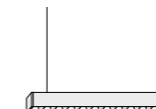


free standing



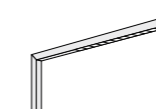
table

BETO



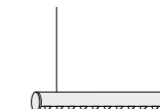
460

suspended



free standing

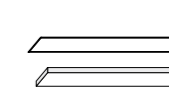
SETA



NEW 484

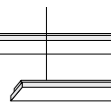
suspended

LENO



490

recessed semi-recessed



surface / suspended

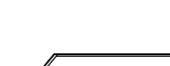
MINIMAL



508

recessed

FRAME



516

recessed trim

CANYON



526

recessed offset

MINO



532

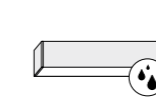
surface / suspended

BASO



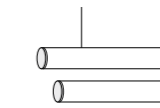
556

recessed



surface

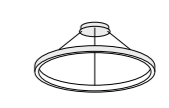
TUBO



NEW 568

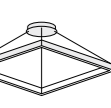
surface / suspended

INO



580

circle suspended



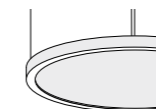
square suspended

MINO CIRCLE



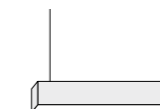
594

ceiling / acoustic



suspended / acoustic

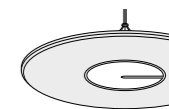
LITO



610

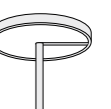
suspended

SONIC



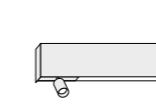
616

suspended / acoustic



free standing / acoustic

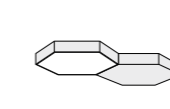
LINEA



NEW 632

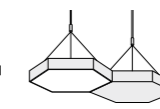
wall

HEX-O



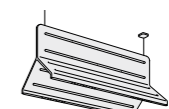
638

ceiling / acoustic



suspended / acoustic

MUSE



654

acoustic suspended

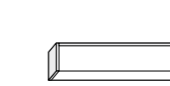
STRETTA



670

surface

CORNER



676

surface

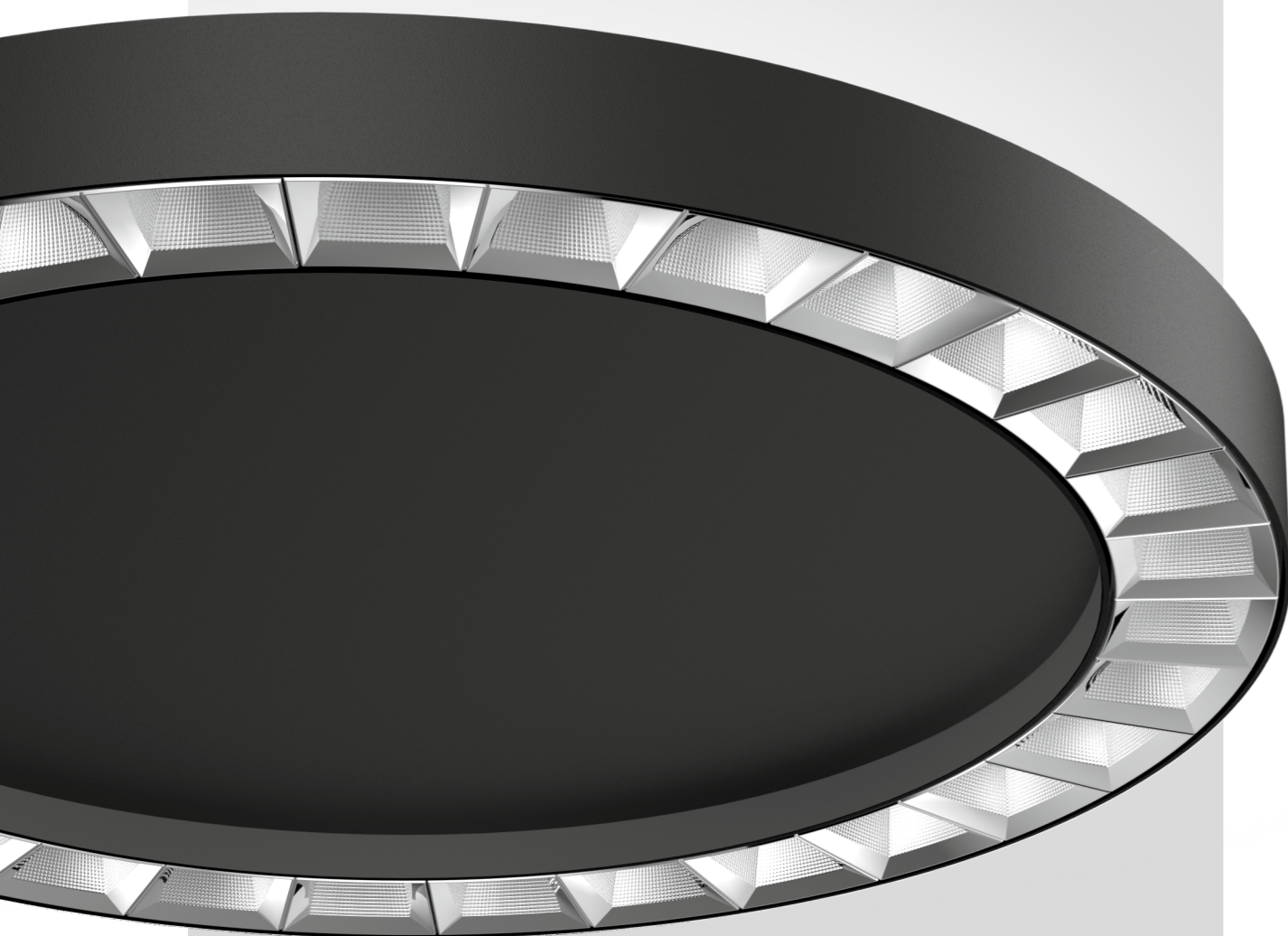
RECOVER



682

wall

Discreet perfection

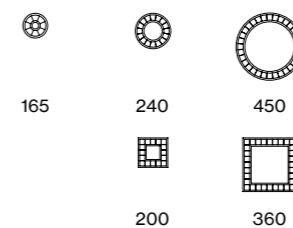


MITA

EN MITA combines high performance with a slim design language and its wide range of applications is impressive. The product family is available as recessed or surface-mounted luminaires in a round or square design. All the versions of the luminaire have special reflectors for the best screen-compatible work lighting – perfect for use in offices or meeting rooms. MITA circle 160 recessed and its central extension also open up a wide range of new possibilities. Optional accessories can be added: covers, sensors for smart lighting control, emergency lighting inserts, or SASSO 60 spotlights with various reflectors. The product family is available in the light colours 3000K, 4000K, or Tunable White. Optionally, the luminaire can be equipped with a presence and brightness sensor.

IT MITA è un apparecchio che combina potenza, linguaggio formale slanciato e versatilità d'impiego. La gamma comprende varianti a plafone e da incasso, di forma rotonda o quadrata. Tutti i modelli possiedono riflettori speciali per garantire una luce di lavoro ideale, adatta ai computer, perfetta in uffici o in sale meeting. La variante MITA circle 160 recessed apre nuove possibilità grazie all'estensione nella parte centrale. In opzione si possono aggiungere accessori: rifrattori, sensori per controllo smart, unità per luce di emergenza oppure faretto SASSO 60 con vari riflettori. Le tonalità di luce disponibili sono 3000K, 4000K o Tunable White. L'apparecchio può essere equipaggiato anche con sensori di presenza e luminosità.

Types



165

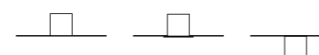
240

450

200

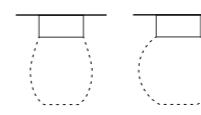
360

Mountings

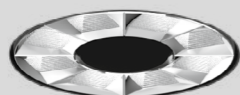
trimless
recessedwith trim
recessed

ceiling

Light distributions

reflector
(UGR ≤ 19)opal
(ceiling)

← back



MITA circle 160

recessed

EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim (suitable for ceiling thickness of 2-25 mm); or for trimless installation in plasterboard ceilings (suitable for ceiling thickness of 12.5/15/20/25 mm); surface powder coated; incl. blind cover made of plastic in the cut-out; optional: SASSO 60 round, SASSO 60 round sensor or SASSO 60 round emergency for installation in the cut-out available as an accessory; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante circolare in alluminio pressofuso; forma estremamente sottile; apparecchio da incasso con bordo perimetrale (per soffitti di spessore 2-25 mm); o a incasso a scomparsa in soffitto di cartongesso (per soffitti spessore di 12,5/15/20/25 mm); verniciatura a polvere; incl. carter di plastica nel taglio interno; opzionale: SASSO 60 round, SASSO 60 round sensor o SASSO 60 round emergency da inserire nella sezione interna disponibile come accessorio; riflettore ad alta lucentezza con design sfaccettato; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 134 lm/W
 L95 @ 50 000 h
 non DIM, DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distribution



DIN EN 12464-1 UGR ≤ 19 trimless install. in plasterboard



SASSO 60 inset ready



tunable white 2700–6500K

Order options

COLOUR TEMPERATURE
 3000K 5
 4000K 6
 tunable white 2700–6500K* D
 *DALI-2 DT8

CONTROL

non DIM
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010 7
 ● jet black RAL 9005 8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

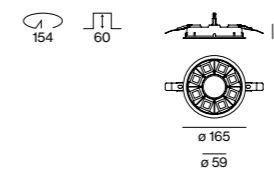
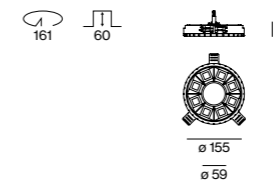
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
 installed in module 625 × 625 mm



MITA circle 160 trimless



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 2 2 2 :: 1 R

MITA circle 160 trim



DIRECT

INSET POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
6.6 W 22 Vf 300 mA	3000 K 4000 K	1120 lm 1180 lm	0 7 4 - 8 1 2 2 :: 1 R

Electrical accessories

POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA non DIM	η 89 %	147-44-22	0 0 2 - 9 1 1 2 2
300 mA DALI-2	η 87 %	97-43-30	0 0 2 - 9 1 1 2 0
375 mA DALI-2 DT8	η 83 %	129-79-30	0 0 2 - 9 1 1 2 1

DIN RAIL COMPONENTS

TYPE	WHD (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2 × 42W 48V DC U _{OUT} 10-40V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Accessories

SASSO 60 SPOTLIGHT

TYPE	ORDER CODE
SASSO 60 round adjustable	see page 120
SASSO 60 round downlight	see page 120

SASSO 60 SENSOR

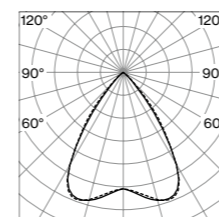
TYPE	ORDER CODE
SASSO 60 ESSENTIAL sensor	see page 124
SASSO 60 SENSE sensor	see page 124

SASSO 60 EMERGENCY LIGHT

TYPE	ORDER CODE
SASSO 60 emergency light	see page 124



Light distribution

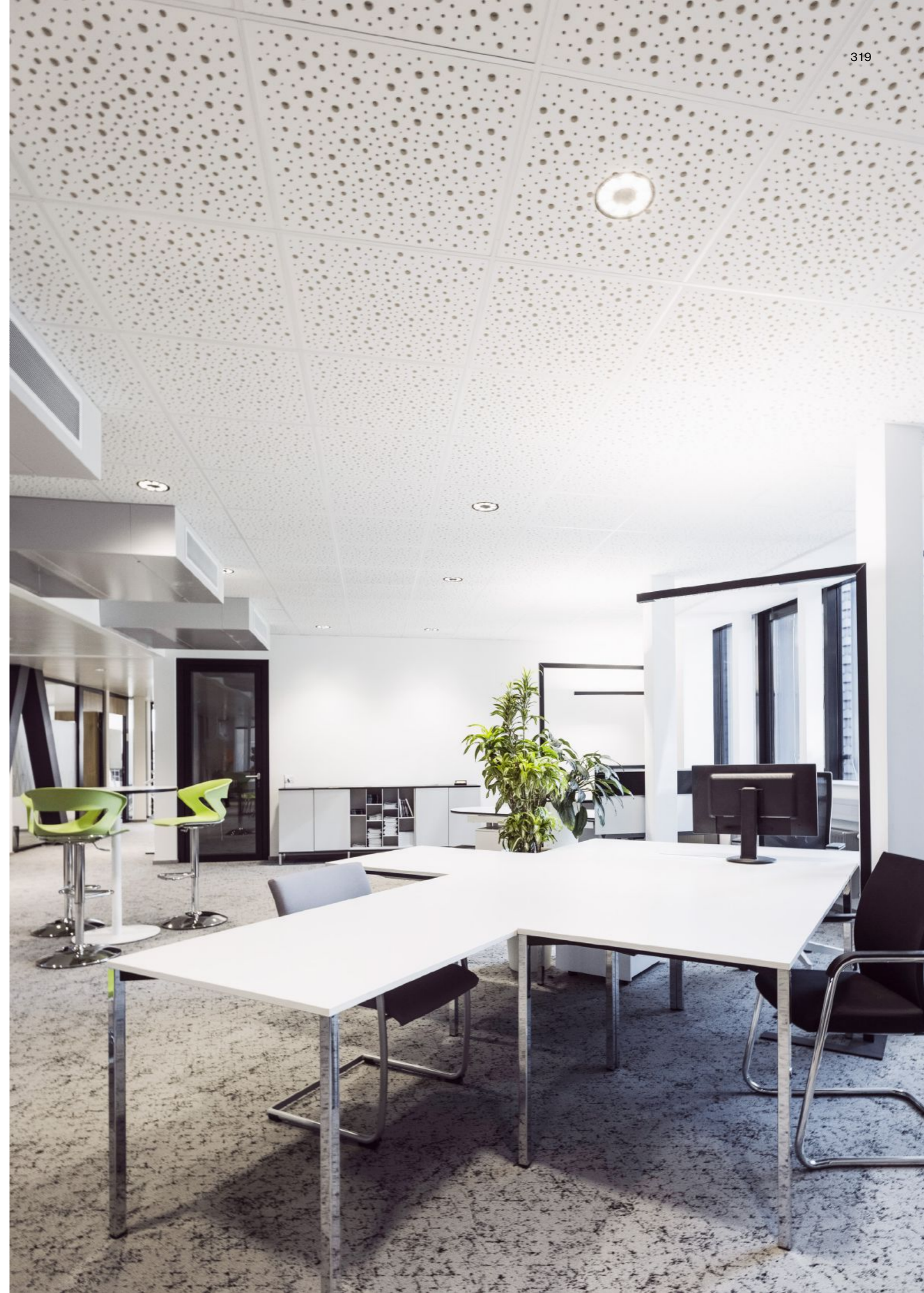


reflector (UGR ≤ 19)
 direct

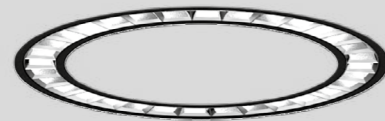
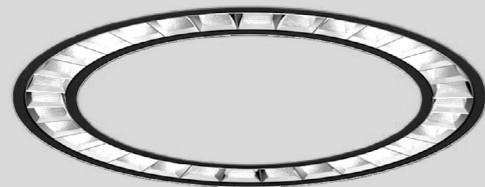
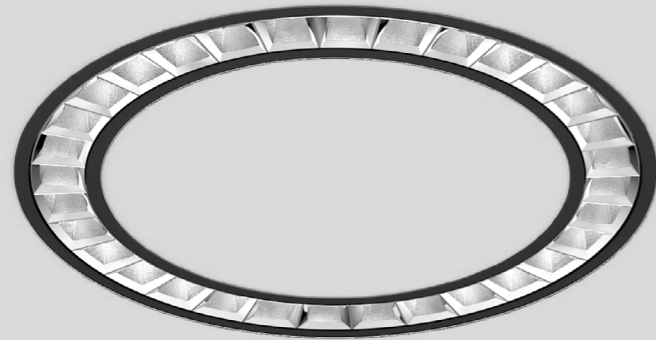
INSET POWER in watts is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



ALLPLAN Österreich GmbH
Graz, AT



← back



MITA circle 240 / 450

recessed with trim

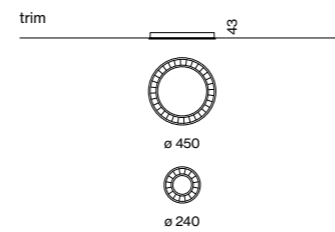
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante circolare in alluminio pressofuso; forma estremamente sottile; apparecchio da incasso con bordo perimetrale; in opzione: copertura cieca per l'inserimento nel vano interno disponibile come accessorio; per soffitti di spessore 2-25 mm; verniciatura a polvere; riflettore ad alta lucentezza con design sfaccettato; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 134 lm/W
L95 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

Types



Colours



Light distribution



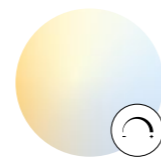
direct



suitable for plaster-board or grid ceilings



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K

Order options

COLOUR TEMPERATURE
3000 K 5
4000 K 6
tunable white 2700–6500 K* D
*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8

LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

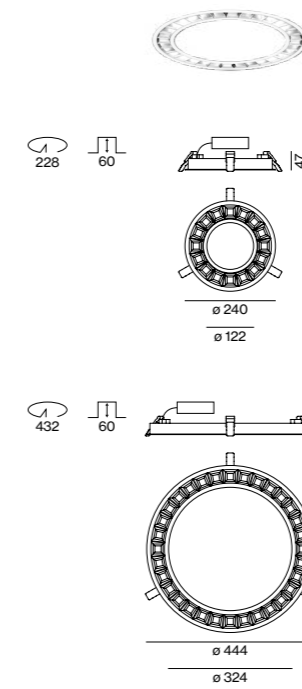
COLOUR RENDERING INDEX
CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
installed in module 625 × 625 mm

INLAY

sensor
emergency light



MITA circle 240 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2 W	3000 K	2080 lm	074-8114::3R
	4000 K	2200 lm	

MITA circle 450 trim



DIRECT

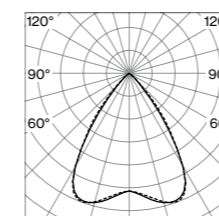
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4510 lm	074-8116::3R
	4000 K	4750 lm	
42 W	3000 K	5830 lm	074-8126::3R
	4000 K	6140 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA 240 circle recessed	074-891141
MITA 450 circle recessed	074-891161

Light distribution



reflector (UGR ≤ 19)
direct

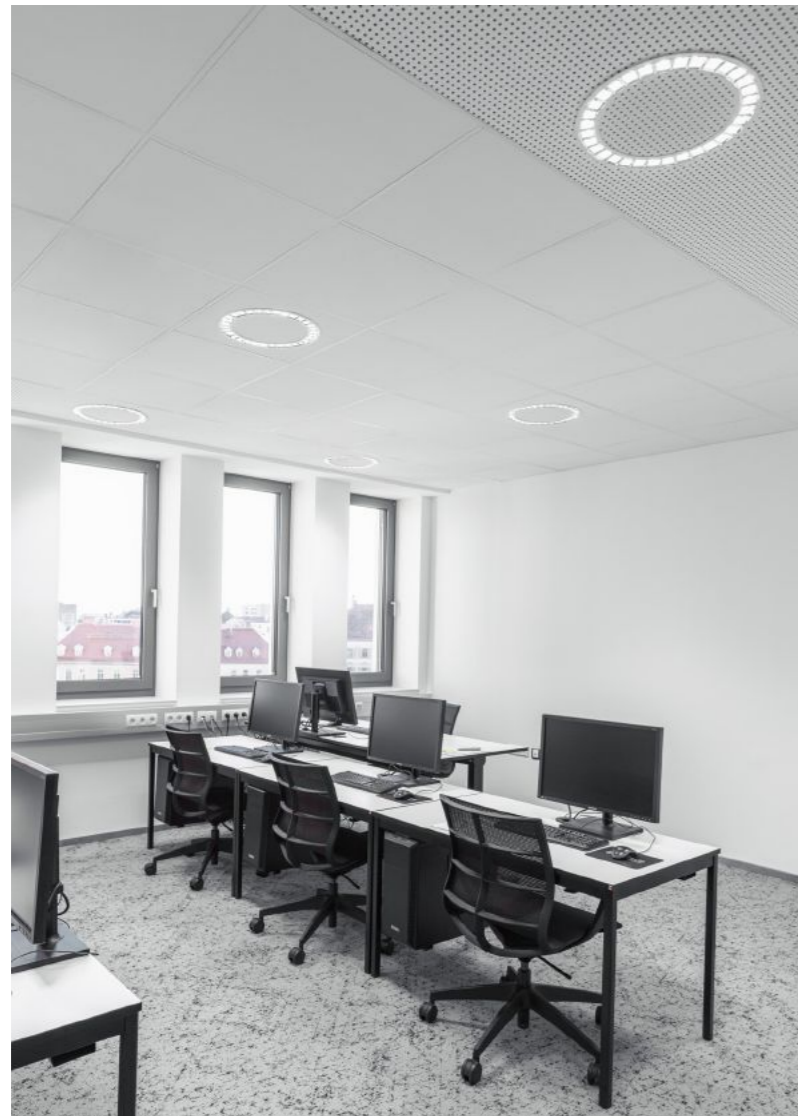
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

Endress + Hauser GmbH

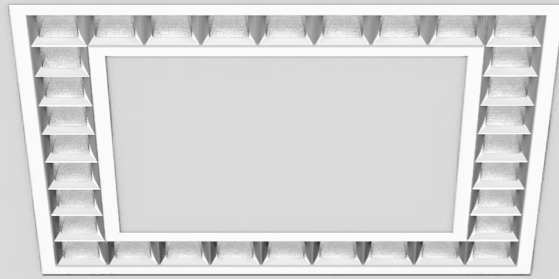
Vienna, AT – by FOKURA Luxury Interior /
Reinhard Strepfl with lighting design by
TB Heil & Schafzahl GmbH / Ing. Gerhard Heil



ALLPLAN Österreich GmbH
Graz, AT



← back



MITA square

recessed with trim

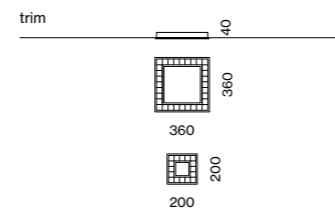
EN Square luminaire housing in die-cast aluminium; extremely slim design; recessed luminaire with trim; optional: blind cover to cover the cut-out available as an accessory; suitable for ceiling thickness of 2-25 mm; surface powder coated; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante quadrato in pressofusione di alluminio; forma estremamente sottile; apparecchio da incasso con bordo perimetrale; in opzione: copertura cieca per l'inserimento nel vano interno disponibile come accessorio; per soffitti di spessore 2-25 mm; verniciatura a polvere; riflettore ad alta lucentezza con design sfaccettato; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 155 lm/W
L95 @ 50 000 h
DALI-2
reflector (UGR ≤ 19)

Types



Colours



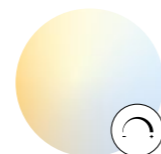
Light distribution



suitable for plaster-board or grid ceilings




DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K


Order options

COLOUR TEMPERATURE 
3000K 5
4000K 6
tunable white 2700–6500K* D
*DALI-2 DT8

CONTROL

DALI-2

MATERIAL COLOUR


○ pure white RAL 9010 7
● jet black RAL 9005 8

LIGHT OPTIC COVER

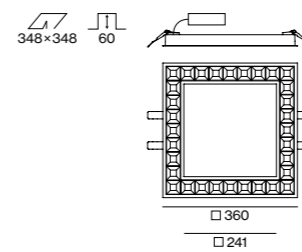
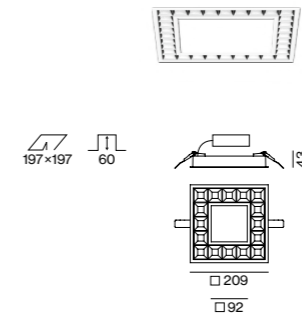
reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

GRID CEILING MOUNTING

installed in module 600 × 600 mm
installed in module 625 × 625 mm



MITA square 200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.2 W	3000 K	2080 lm	074-8314::3R
	4000 K	2200 lm	

MITA square 360 trim



DIRECT

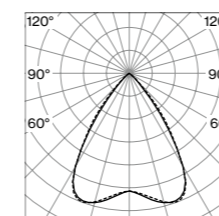
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31 W	3000 K	4510 lm	074-8316::3R
	4000 K	4750 lm	
42 W	3000 K	5830 lm	074-8326::3R
	4000 K	6150 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA 200 square recessed	074-891341
MITA 360 square recessed	074-891361

Light distribution



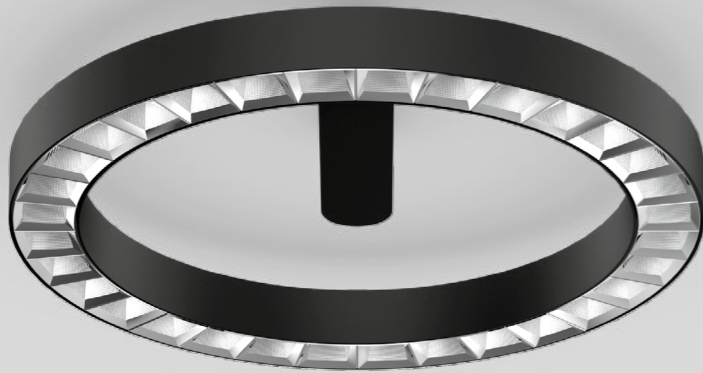
reflector (UGR ≤ 19)
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome



Classroom
Visualisation

← back



MITA circle

ceiling

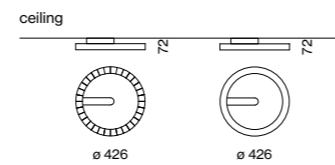
EN Ring shaped luminaire housing in die-cast aluminium; extremely slim design (only 42 x 42 mm); surface powder coated; luminaire housing set away from ceiling; electronic operating unit installed in the surface mounted housing; surface mounted housing aligned from the ring to the center; optional: blind cover to cover the cut-out, held by magnet, available as an accessory; high-gloss reflector with faceted design; HPO (High Performance Opal) cover for uniform illumination; either with direct or direct/indirect light distribution; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante circolare in alluminio pressofuso; forma estremamente sottile (solo 42 x 42 mm); verniciatura a polvere; corpo distante dal soffitto; dispositivo di funz. elettr. nel housing a plafone; housing a plafone allineato dall'anello al centro; in opzione: copertura cieca, fissata nel vano interno per mezzo di un magnete, disponibile come accessorio; riflettore ad alta lucentezza con design sfaccettato; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; a scelta con emissione diretta oppure diretta/indiretta; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 146 lm/W
L90 @ 50 000 h
DALI-2, DALI-2 sensor
reflector (UGR ≤ 19), opal

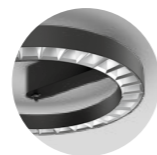
Types



Colours



Light distributions



sensor version
available



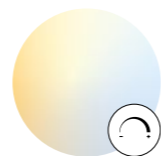
version with
opal cover



magnetic
blind cover



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–6500K*	D

*DALI-2 DT8

CONTROL

DALI-2	3
DALI-2 ESSENTIAL sensor (brightness & presence)	B
DALI-2 SENSE sensor (brightness, presence, temp., sound pressure, humidity, CO ₂)	P

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

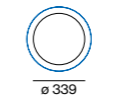
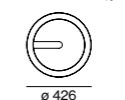
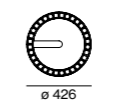
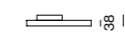
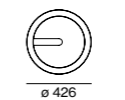
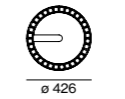
LIGHT OPTIC COVER

reflector	
opal	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90	
----------	--



MITA circle 450 ceiling



REFLECTOR DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4510 lm	074-75111
42W	3000K	5830 lm	074-75211
	4000K	4750 lm	
	4000K	6140 lm	

OPAL DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	2650 lm	074-75111
	4000K	2810 lm	



REFLECTOR DIRECT / INDIRECT SOFT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	↓ 4370 / ± 140 lm	074-75311
	4000K	↓ 4610 / ± 140 lm	
42W	3000K	↓ 5660 / ± 170 lm	074-75611
	4000K	↓ 5960 / ± 180 lm	

OPAL DIRECT / INDIRECT SOFT

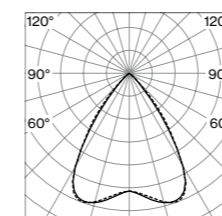
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27W	3000K	↓ 2570 / ± 80 lm	074-75311
	4000K	↓ 2730 / ± 80 lm	

Accessories

BLIND COVER

TYPE	ORDER CODE
MITA circle 450 ceiling	074-891162
MITA circle 450 ceiling sensor	074-891163

Light distribution



reflector (UGR ≤ 19)
direct

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, reflector chrome

Conference room
Visualisation



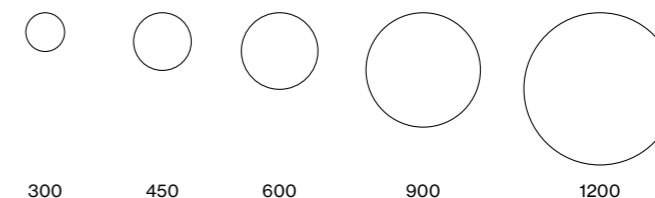
All-round performer

COMBO

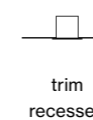
EN COMBO has a narrow trim and is perfectly integrated into the ceiling. It creates a calm, even ceiling appearance with pleasant and uniform room illumination. The circular luminaire owes this to its opal cover. COMBO's microprismatic cover variant reduces the glare value to $UGR \leq 19$: ideal for standard-compliant computer workstations. Depending on the desired lighting mood, COMBO is available in the light colours 3000 K, 4000 K, or Tunable White.

IT Un bordo sottile che si fonde con il soffitto: COMBO crea un'atmosfera rilassante grazie all'illuminazione uniforme della cover opale. La variante microprismatica riduce il grado di abbagliamento a $UGR \leq 19$, ideale per l'illuminazione di postazioni computerizzate. A seconda dell'atmosfera preferita, COMBO si può scegliere con temperatura di colore 3000 K, 4000 K o Tunable White.

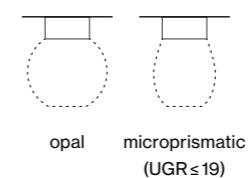
Types



Mounting



Light distributions



back



COMBO

recessed with trim

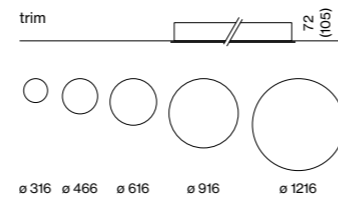
EN Round luminaire housing in aluminium with trim; suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; surface powder coated; up to $\varnothing 600$ mm: installation without tools using snap spring closure; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

II Corpo illuminante rotondo in alluminio con bordo perimetrale; per incasso in soffitti di cartongesso; per soffitti di spessore 10-25 mm; verniciatura a polvere; con \varnothing fino 600 mm montaggio senza utensili con chiusura a molla a scatto; rivestimento altamente riflettente della scheda per un rendimento migliore; diffusore satinato o a microprismi in PMMA a illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; converter esterno da inserire nel soffitto, cablaggio passante adatto

Quickinfo

3000K, 4000K
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 19 / $65^\circ \leq 3000$ cd/m²
 up to 145 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



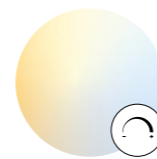
Colour



Light distribution



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal

microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

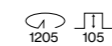
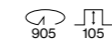
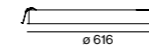
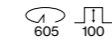
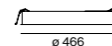
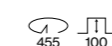
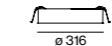
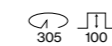
COLOUR TEMPERATURE

tunable white 2700-6500K (2x DALI)

EMERGENCY LIGHT

1h accupack

3h accupack



COMBO 300 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
10.1W	3000K	993 lm	064-1031
	4000K	1050 lm	

COMBO 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.7W	3000K	2050 lm	064-1041
	4000K	2170 lm	

COMBO 600 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
31W	3000K	4020 lm	064-1051
	4000K	4250 lm	

COMBO 900 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
58W	3000K	7440 lm	064-1071
	4000K	7880 lm	

COMBO 1200 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	12610 lm	064-1081
	4000K	13350 lm	

Accessories

MOUNTING RING FOR ACOUSTIC CEILING

TYPE	ORDER CODE
COMBO 300	064-1906300
COMBO 450	064-1906400
COMBO 600	064-1906500
COMBO 900	064-1906700
COMBO 1200	064-1906800

LUMINOUS FLUX value calculated for
 CRI ≥ 80 , colour white, cover opal

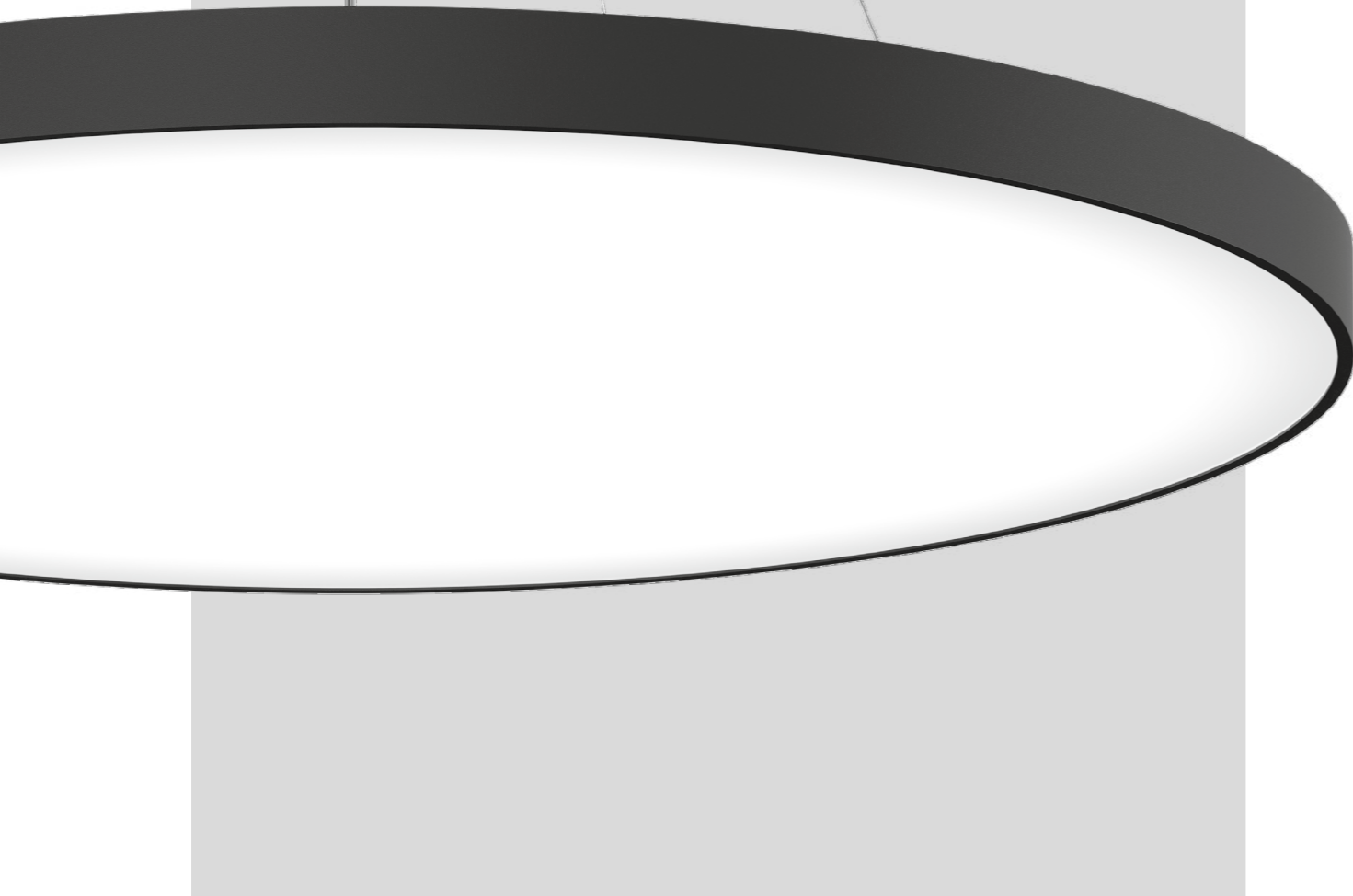
Raiffeisenbank Gmunden Salzkammergut, AT –
by INNOCAD Architektur ZT



Hargassner Energy World Linz, AT –
by architekten berger.hofmann og & tech3
Projektentwicklung GmbH with lighting design
by AREA C.I.DESIGN GmbH



Timeless perfection

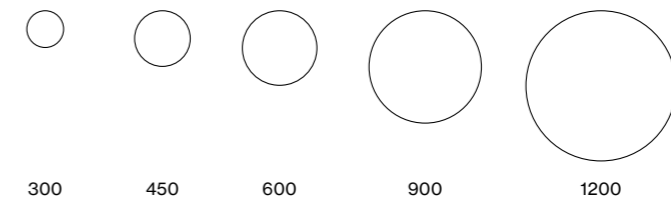


VELA

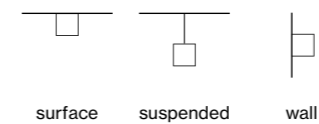
EN As one of XAL's first round luminaires, VELA has been perfected over the years. Innovative technology hides behind its flat, minimalistic design. VELA surface can be wall or ceiling mounted. The suspended version has either a classic cable suspension or a chrome-plated pendulum tube suspension that can be shortened. To adapt to a variety of interior designs, VELA is available in an extensive colour palette and in the light colours 3000 K, 4000 K, or Tunable White (2700 K–6500 K) on request. A microprismatic cover is ideal for workstations. An opal cover provides homogeneous basic lighting. An optional direct/indirect beam characteristic illuminates the ceiling and creates ambience.

IT VELA è uno dei primi corpi illuminanti tondi prodotti da XAL e attraverso gli anni si è stato costantemente perfezionato. Il design minimalista e ridotto nasconde una tecnologia innovativa. Il modello VELA Surface è perfetto per installazioni a plafone su pareti e soffitti. La variante a sospensione è disponibile con cavo di sospensione standard oppure con tige cromata accorciabile a piacimento. VELA si intona a diversi design grazie all'ampia scelta di colori e alle tonalità di luce 3000 K, 4000 K o in opzione Tunable White (2700–6500 K). La cover microprismatica è ideale per le postazioni di lavoro e quella opale per un'illuminazione omogenea. Non manca l'opzione di luce diretta / indiretta per una luminosità sul soffitto d'effetto.

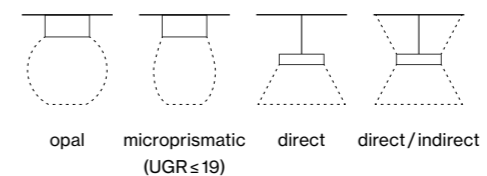
Types



Mountings



Light distributions



back



VELA

surface

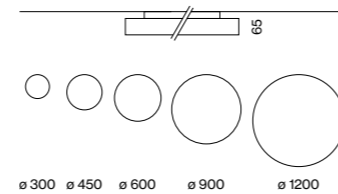
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; quick mounting system without tools; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; up to ø600mm: microprismatic PMMA cover; either with direct or direct/indirect light distribution; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

Il Corpo illuminante rotondo in profilo di alluminio rullato, senza punti di saldatura; verniciatura a polvere; sistema di montaggio rapido senza utensili; rivestimento altamente riflettente della scheda per un rendimento migliore; diffusore satinato in PMMA a illuminazione assolutamente omogenea; fino a ø600 mm: rifrattore a microprismi in PMMA; a scelta con emissione diretta oppure indiretta; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 153 lm/W
L90 @ 50 000 h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

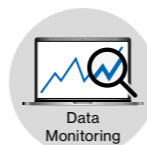
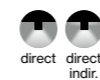
Types



Colours



Light distributions

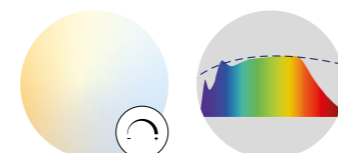


DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19

easy mounting
(click-system)



tunable white
2700–6500K

CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours p.992	X

LIGHT OPTIC COVER

opal high performance	O
microprismatic (UGR ≤ 19)	K

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

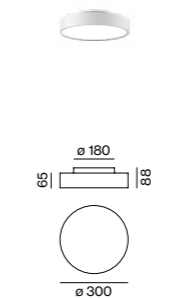
COLOUR TEMPERATURE

tunable white 2700–6500K	
DALI-2 DT8	

EMERGENCY LIGHT

1h accupack	
3h accupack	
not available for VELA 300	

LUMINOUS FLUX value calculated for
4000K, CRI ≥ 80, colour white, cover opal
3000K -5%



VELA 300 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	1050lm	073-1131
16.5W	1800lm	073-1132

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.1W	↓ 1110/↑ 54lm	073-1137
16.5W	↓ 1900/↑ 92lm	073-1138

VELA 450 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	2170lm	073-1141
30W	3620lm	073-1142

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.7W	↓ 2140/↑ 84lm	073-1147
30W	↓ 3580/↑ 140lm	073-1148

VELA 600 surface



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	4250lm	073-1151
42W	5600lm	073-1150
48W	6290lm	073-1152

DIRECT/INDIRECT SOFT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
31W	↓ 4220/↑ 118lm	073-1157
42W	↓ 5560/↑ 155lm	073-1156
48W	↓ 6250/↑ 174lm	073-1158

VELA 900 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
71W	9520lm	073-1171

VELA 1200 ceiling



DIRECT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
147W	20600lm	073-1181

Accessories

TYPE

dismounting tool (for ø600/900/1200)	073-110000
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Optician and Eyeware Külling
St. Gallen, CH –
by HEIKAUS Concept GmbH





VELA

suspended

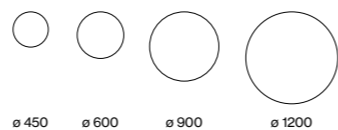
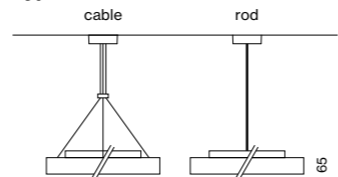
EN Round luminaire housing in aluminium, rolled profile, seamlessly welded; surface powder coated; suspended; with integrated tool-less suspension height adjustment; incl. transparent feed or with height adjustable rod suspension (chrome), feed in rod; highly reflective coating of the PCB for improved efficiency; completely homogeneously illuminated, satinised PMMA cover; either with direct or direct/indirect light distribution; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

IT Corpo illuminante rotondo in profilo di alluminio rullato, senza punti di saldatura; verniciatura a polvere; sospeso; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione trasparente o con asta di sospensione accorciabile (cromata), cavo alimentazione nell'asta di sospensione; rivestimento altamente riflettente della scheda per un rendimento migliore; diffusore satinato in PMMA a illuminazione assolutamente omogenea; fino a ø600mm: rifrattore a microprismi in PMMA; a scelta con emissione diretta oppure diretta/indiretta; percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; LED ad efficienza energetica con elevata resa cromatica; rosone con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 153 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

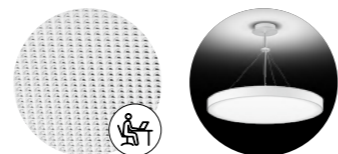
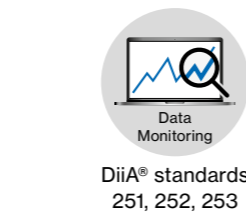
Types



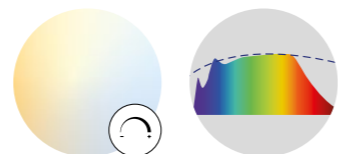
Colours



Light distributions



DIN EN 12464-1 UGR ≤ 19 direct/indirect illumination



tunable white 2700–6500K CRI ≥ 98 XPECTRUM

Order options

SUSPENSION
 cable 1500mm 2
 rod 1000mm 4

COLOUR TEMPERATURE
 3000K 5
 4000K 6

CONTROL
 non DIM 1
 DALI-2 3

MATERIAL COLOUR
 pure white RAL 9010 7
 white aluminium RAL 9006 8
 jet black RAL 9005 8
 special colours* p. 992 X
 *canopy always in white

LIGHT OPTIC COVER
 opal high performance O
 microprismatic (UGR ≤ 19) K

Options on request

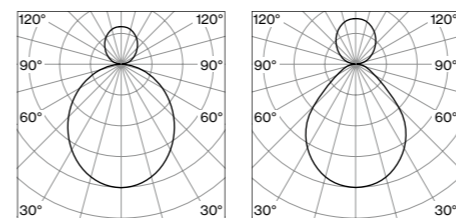
COLOUR RENDERING INDEX
 CRI ≥ 90
 CRI ≥ 98 XPECTRUM

SUSPENSION
 rod 2000mm

COLOUR TEMPERATURE
 tunable white 2700–6500K
 DALI-2 DT8

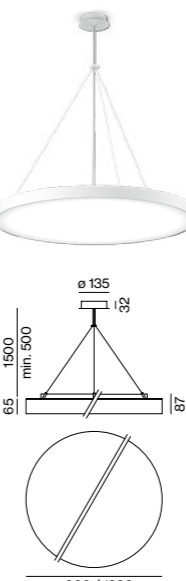
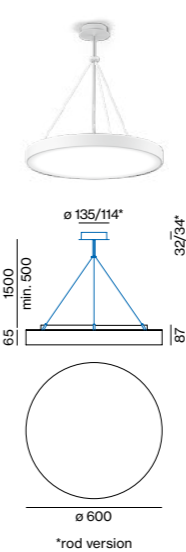
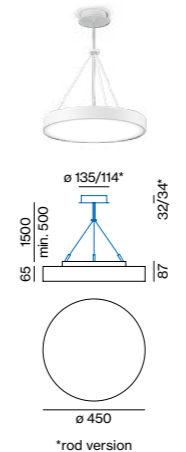
EMERGENCY LIGHT
 1h accupack
 3h accupack

Light distributions



opal high performance direct/indirect power microprismatic direct/indirect power

LUMINOUS FLUX value calculated for 4000K, CRI ≥ 80, colour white, cover opal 3000K -5%



VELA 450 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	16.7W	2170lm		0 7 3 - 1 4 1	3 3 3
	30W	3620lm		0 7 3 - 1 4 2	3 3 3



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	21.1W	↓ 2070 / ↑ 812lm		0 7 3 - 1 4 4	3 3 3
	35W	↓ 3250 / ↑ 1270lm		0 7 3 - 1 4 5	3 3 3

VELA 600 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	31W	4250lm		0 7 3 - 1 5 1	3 3 3
	42W	5600lm		0 7 3 - 1 5 0	3 3 3
	48W	6290lm		0 7 3 - 1 5 2	3 3 3



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	45W	↓ 4350 / ↑ 1970lm		0 7 3 - 1 5 4	3 3 3
	68W	↓ 6290 / ↑ 2850lm		0 7 3 - 1 5 5	3 3 3

VELA 900 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	71W	9520lm		0 7 3 - 1 2 7 1	3 3 3



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	96W	↓ 9520 / ↑ 4670lm		0 7 3 - 1 2 7 4	3 3 3

VELA 1200 suspended



DIRECT		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	147W	20600lm		0 7 3 - 1 2 8 1	3 3 3



DIRECT / INDIRECT POWER		LUMINOUS FLUX		ORDER CODE	
SYSTEM POWER	185W	↓ 20600 / ↑ 6060lm		0 7 3 - 1 2 8 4	3 3 3

Hostpoint AG
Rapperswil-Jona, CH –
by Büronauten AG



MASCHAGENCY GmbH & Co. kg
Munich, DE – by Gruschwitz GmbH



Sparkasse Berlin, DE –
by blocher partners



For heavy-duty use

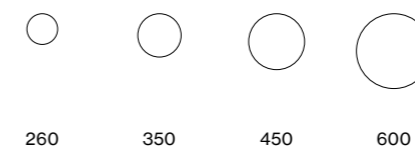


SONO

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP50), and is characterised by an all-round robust housing (IK07). In addition, the SONO IP54 offers increased moisture protection. The SONO Flex recessed luminaire can be recessed or fixed in two positions by employing the Jut-Out function. This can minimise the contrast between the luminaire and ceiling, or change the appearance in the room. As a mounted luminaire, SONO ensures homogeneous ambient illumination thanks to its narrow frame and opal cover. All versions are available in the light colours 3000K, 4000K, or Tunable White.

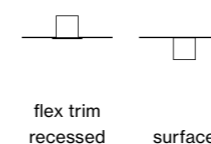
IT La linea di corpi illuminanti di forma rotonda SONO è pensata per contesti critici. Vanta un'armatura robusta (IK07) e protezione aumentata da polvere e insetti (IP50). La variante SONO IP54 offre una protezione aumentata dall'umidità. Il modello SONO Flex da incasso si monta ribassato oppure, con la funzione Jut Out, in due posizioni sporgenti: un accorgimento ideale per ridurre al minimo il contrasto fra i corpi illuminanti e il soffitto oppure per variare l'aspetto d'insieme. La variante a plafone è costruita con una cornice molto sottile e un rifrattore opale che diffonde una luminosità omogenea in temperatura di colore 3000K, 4000K o Tunable White.

Types



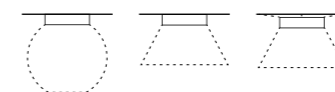
260 350 450 600

Mountings



flex trim
recessed surface

Light distributions



opal direct direct/indirect

Jut-Out

EN The SONO Flex recessed luminaire can assume two positions: recessed into the ceiling or protruding through its Jut-Out function. This allows a change of its effect in a room and the luminaire can either be accentuated or visually blended into the surroundings.

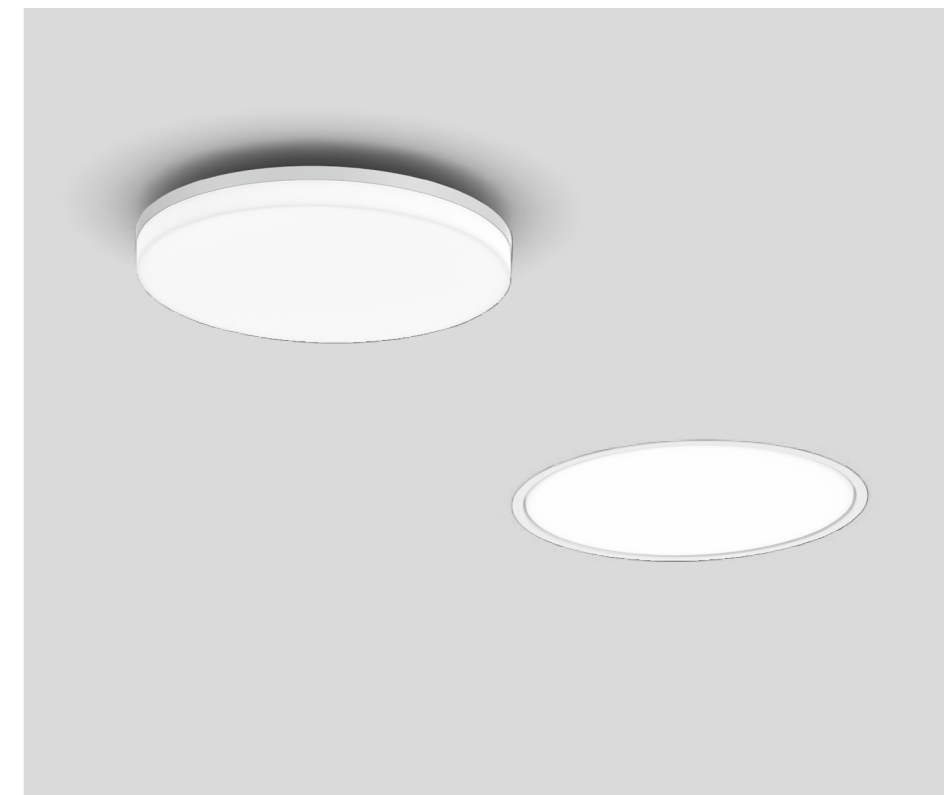
IT L'apparecchio da incasso SONO Flex si monta in due posizioni: ribassato nel soffitto oppure sporgente con la funzione Jut-out. In questo modo si varia l'aspetto d'insieme, dato che l'apparecchio può spiccare volutamente oppure fondersi con l'ambiente.



Homogenous quality

EN As a recessed luminaire, SONO blends harmoniously into the ceiling. Thanks to its narrow frame and opal cover, the SONO surface-mounted version provides soft, homogeneous ambient light.

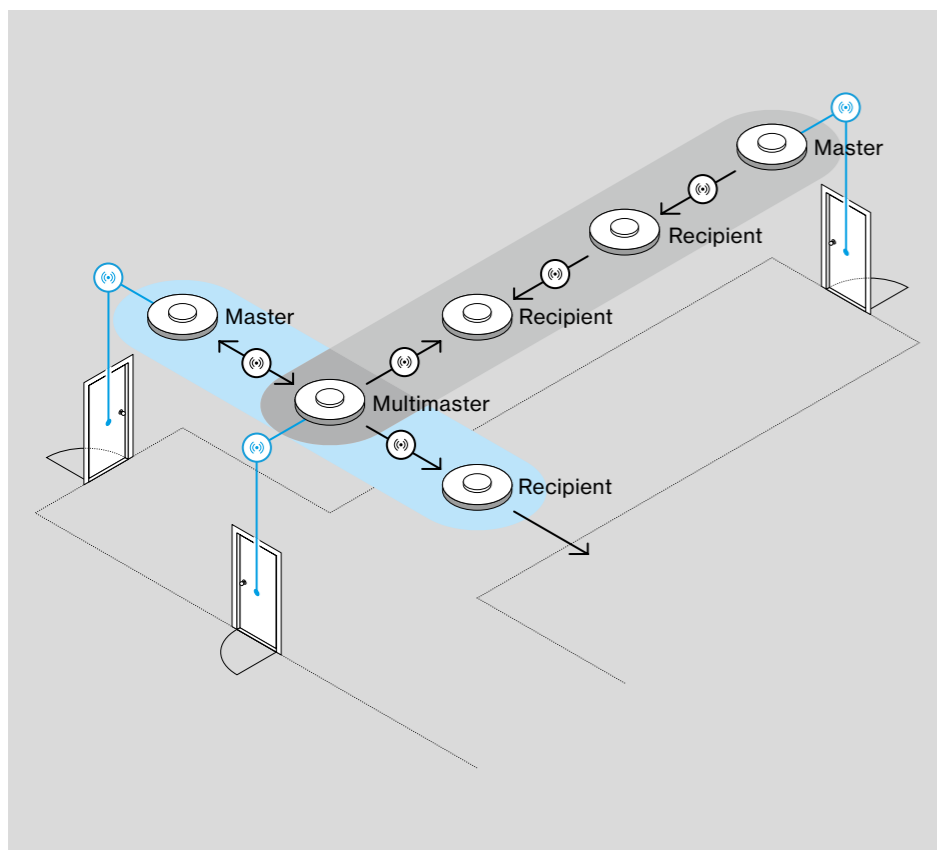
IT SONO in variante da incasso si integra armoniosamente nel soffitto. Il modello SONO a plafone presenta un telaio sottile e un rifrattore opale che diffonde una luminosità generale omogenea e morbida.



Smart controls

EN Thanks to an implemented Radar Control System (RCS), SONO reacts to lighting conditions and movements in its vicinity. Brightness and presence sensors wirelessly adjust the light output. The corridor function registers an individual and successively switches luminaires on and off, depending on the direction in which they are moving.

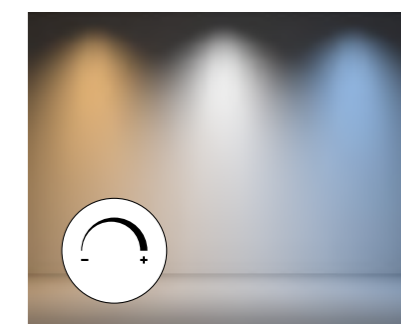
IT Implementando un Radar Control System (RCS), l'apparecchio SONO reagisce alle condizioni di luce e ai movimenti nelle vicinanze. I sensori di luminosità e presenza dosano l'illuminazione senza bisogno di cavi. La funzione corridor rileva il passaggio di persone e a seconda della direzione in cui si muovono accende e spegne gli apparecchi in successione.



Robust housing

EN The SONO family of circular luminaires was created especially for heavy-duty use. It has increased dust and insect protection (IP 50), and is characterised by an all-round robust housing (IK 07).

IT La linea di corpi illuminanti di forma rotonda SONO è pensata per contesti critici. Vanta un'armatura robusta (IK 07) e protezione aumentata da polvere e insetti (IP 50).

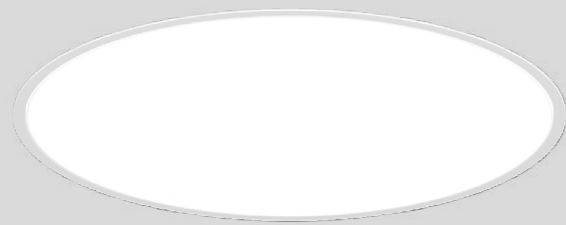
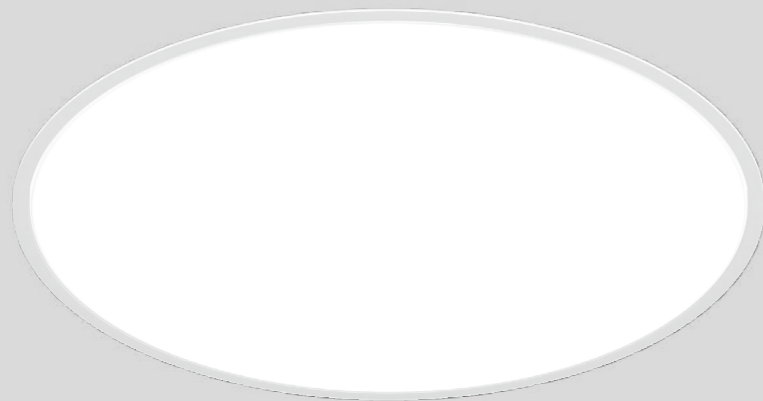


TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

IT I cambiamenti del colore di luce hanno un effetto importante sul nostro stato d'animo. Tunable White consente di variare la temperatura di colore in regolazione continua da 2700 K (luce calda) a 6500 K (luce fredda), adattando dinamicamente l'illuminazione artificiale all'ora del giorno o alla luminosità circostante.

back



SONO flex

recessed with trim

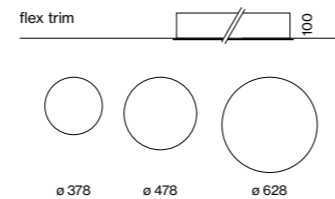
EN Round recessed luminaire in aluminium, consisting of (SONO) light housing and recessed housing; housing with trim suitable for installation in plasterboard ceilings; suitable for ceiling thickness of 10-25 mm; optionally: installation in concrete ceilings with a special installation housing (available as an accessory); surface powder coated; luminaire installs in housing without tools optionally flush or protruding by 25 mm; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

IT Apparecchio da incasso rotondo in alluminio, costituito da corpo illuminante (SONO) e telaio da incasso; telaio da incasso con bordo perimetrale adatto a soffitti di cartongesso; per soffitti di spessore 10-25 mm; in opzione: incasso in calcestruzzo con apposita armatura (disponibile come accessorio); verniciatura a polvere; apparecchio montabile nel telaio senza utensili, a scelta a filo soffitto o sporgente di 25 mm; diffusore satinato in PMMA a illuminazione assolutamente omogenea; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP50

Types



Colour



Light distribution



Order options

IP RATING
IP50

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
non DIM 1
DALI-2 3

MATERIAL COLOUR
○ pure white RAL 9010

LIGHT OPTIC COVER
opal

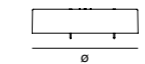
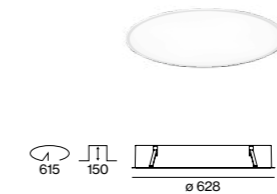
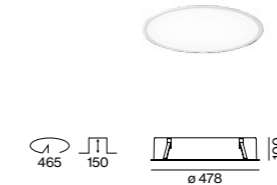
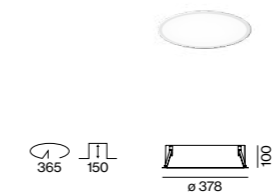
Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700–6500 K
DALI-2 DT8

CONTROL
RCS Master
RCS Slave

EMERGENCY LIGHT
3h accupack



SONO FLEX 350 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	1940lm	063-3238::70
	4000K	2060lm	

SONO FLEX 450 trim



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	2850lm	063-3248::70
	4000K	3010lm	

SONO FLEX 600 trim



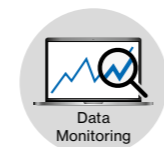
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5410lm	063-3258::70
	4000K	5730lm	

Accessories

CONCRETE INSTALLATION HOUSING

TYPE	Ø-H (mm)	ORDER CODE
SONO FLEX 350	364-107	063-2238100
SONO FLEX 450	464-107	063-2248100
SONO FLEX 600	614-107	063-2258100



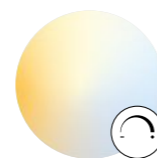
DiiA® standards
251, 252, 253



flexible jut out
0 or 25 mm



dust and insect
protection (IP50)



tunable white
2700–6500K

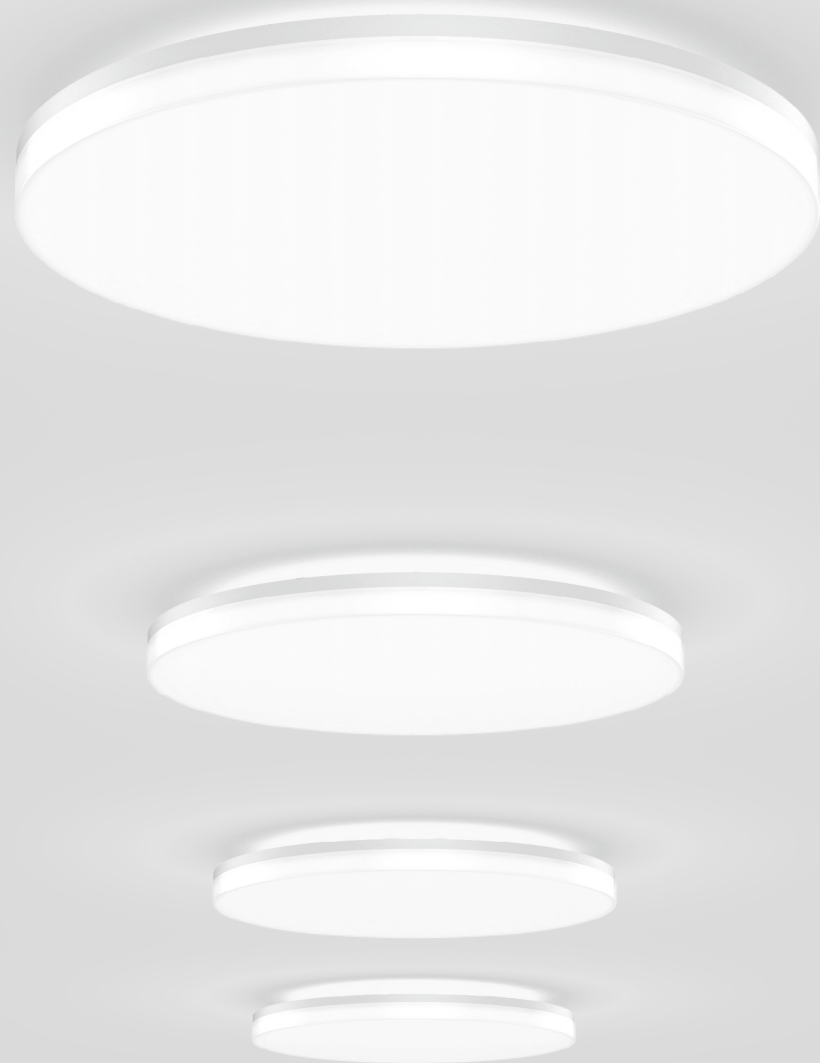
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



Volksschule Erlaaer Schleife
Vienna, AT – by ARGE Architekten
Kronaus – Mitterer/Vasko & Partner



← back



SONO IP50/IP54 surface

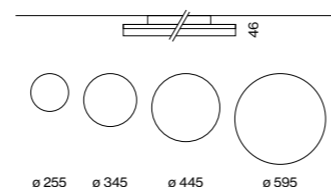
EN Round luminaire housing in die-cast aluminium; surface powder coated; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

Il Corpo illuminante rotondo in alluminio pressofuso; verniciatura a polvere; per montaggio a parete o soffitto; diffusore satinato in PMMA a illuminazione assolutamente omogenea; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 143lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IP 40, IP 50, IP 54

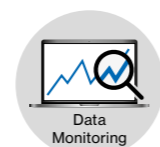
Types



Colour



Light distributions



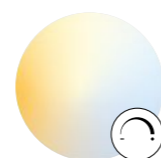
DiiA® standards 251, 252, 253



easy mounting by click-mechanism



dust and insect protection (IP 54)



tunable white 2700–6500K

Order options

IP RATING ◊
IP50 0
IP54 8

COLOUR TEMPERATURE ⋮
3000K 5
4000K 6

CONTROL ↕
non DIM 1
DALI-2 3

EMERGENCY LIGHT ●
3h accupack* N L 3
*not for IP54

MATERIAL COLOUR
○ pure white RAL 9010

LIGHT OPTIC COVER
opal

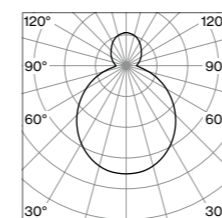
Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700–6500K
DALI-2 DT8

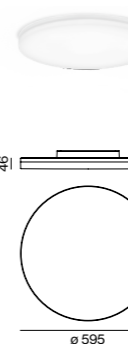
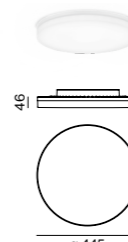
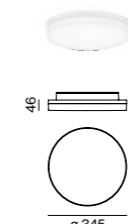
CONTROL
RCS Master (☺)
RCS Slave (☺)

Light distribution



opal
direct/indirect

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



SONO 260 surface



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
7.6 W	3000 K	950 lm	◊ 7 1 - 9 1 2 6 :: ↗ 7 0
	4000 K	1010 lm	

SONO 350 surface



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
15.9 W	3000 K	2090 lm	◊ 7 1 - 9 1 3 6 :: ↗ 7 0 ●
	4000 K	2210 lm	

SONO 450 surface



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
23.2 W	3000 K	3070 lm	◊ 7 1 - 9 1 4 6 :: ↗ 7 0 ●
	4000 K	3250 lm	



DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
34 W	3000 K	↓ 3290 / ↑ 1130 lm	0 7 1 - 9 1 4 8 :: ↗ 7 0
	4000 K	↓ 3480 / ↑ 1200 lm	

SONO 600 surface



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
43 W	3000 K	5830 lm	◊ 7 1 - 9 1 5 6 :: ↗ 7 0
	4000 K	6170 lm	

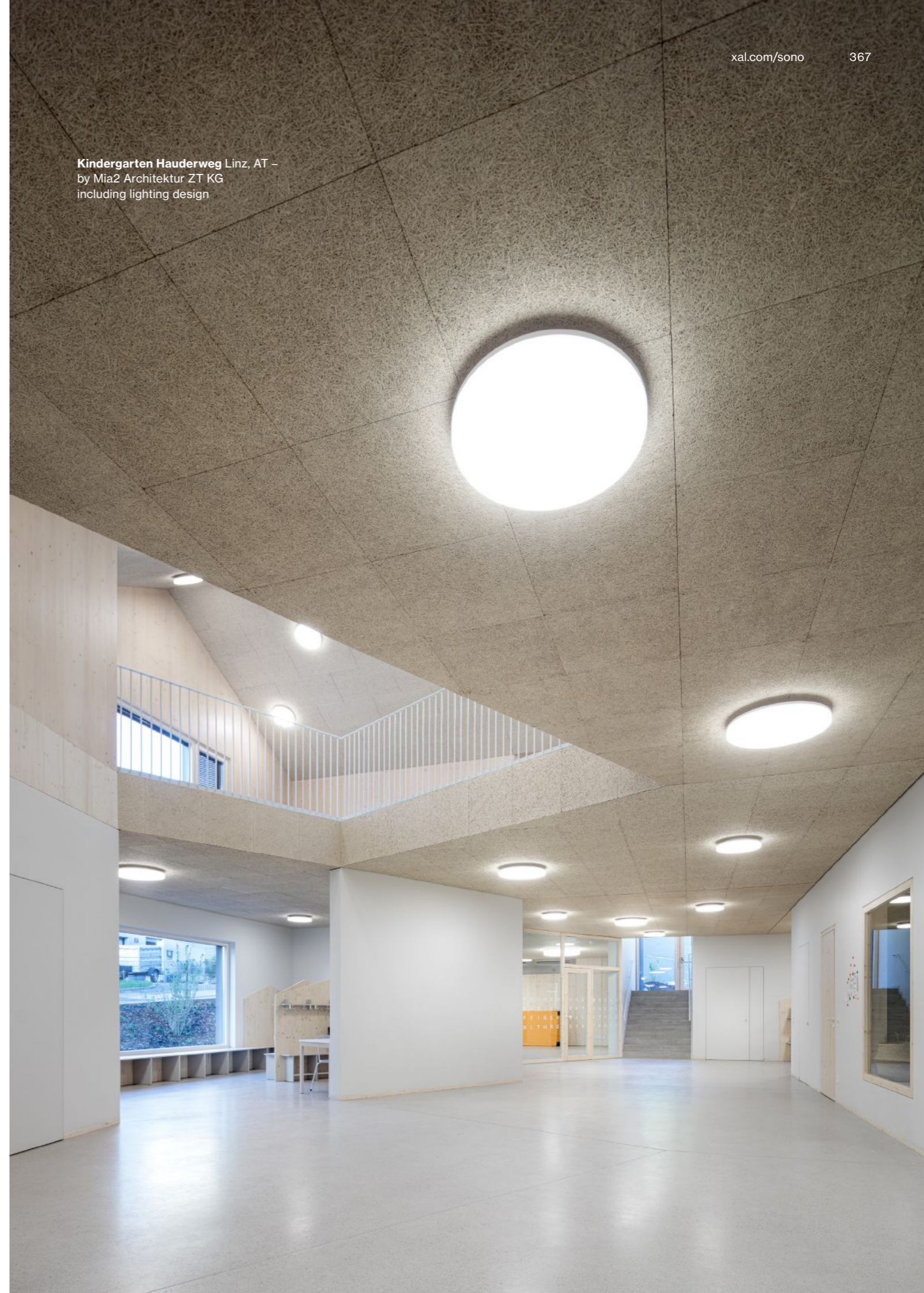


DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
67 W	3000 K	↓ 5830 / ↑ 2840 lm	0 7 1 - 9 1 5 8 :: ↗ 7 0
	4000 K	↓ 6170 / ↑ 3010 lm	

Grundschule St. Martin in Gsies, IT –
by tasserball architekten

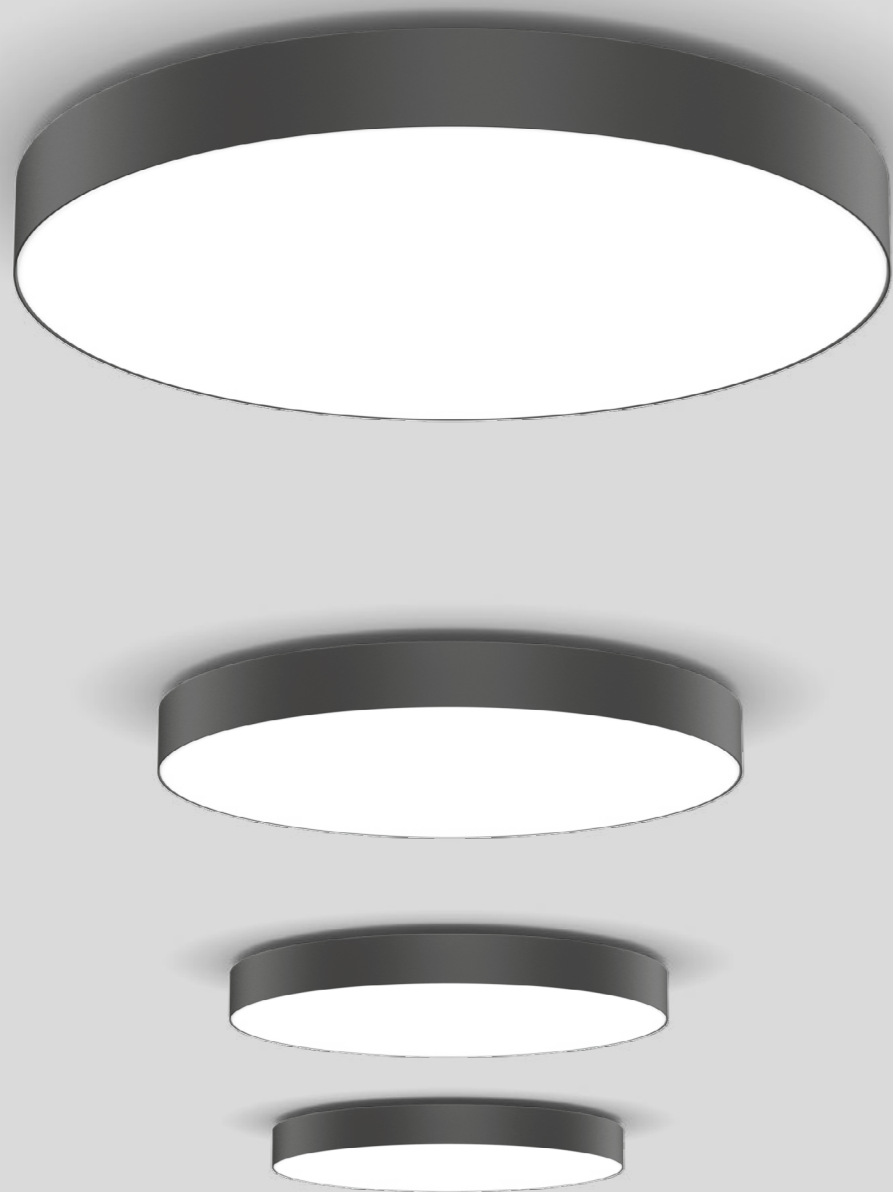


Kindergarten Hauderweg Linz, AT –
by Mia2 Architektur ZT KG
including lighting design



Primarschule Basel, CH – by
Stähelin Partner Architekten AG





SONO LOOP IP54

surface

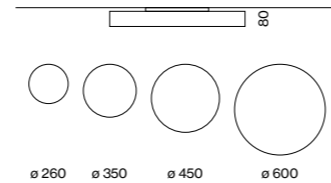
EN Round luminaire housing in die-cast aluminium; surface powder coated; fitted bezel in rolled, seamless welded aluminium profile; suitable for wall or ceiling mounting; completely homogeneously illuminated, satinised PMMA cover; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

IT Corpo illuminante rotondo in alluminio pressofuso; verniciatura a polvere; anello in profilo di alluminio rullato e senza punti saldatura; per montaggio a parete o soffitto; diffusore satinato in PMMA a illuminazione assolutamente omogenea; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
uo to 133lm/W
L90 @ 50 000h
non DIM, DALI-2
opal cover
IK 07, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K 5
4000K 6

CONTROL

non DIM 1
DALI-2 3

MATERIAL COLOUR

○ pure white RAL 9010 7
● grey aluminium RAL 9007 D

LIGHT OPTIC COVER

opal

Options on request

COLOUR RENDERING INDEX

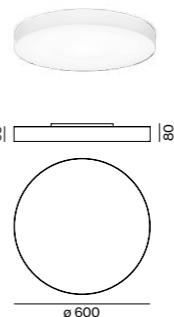
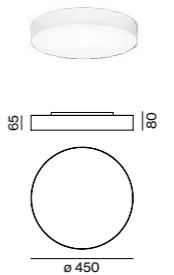
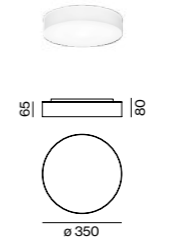
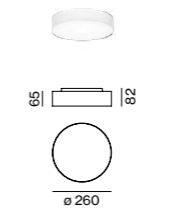
CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500 K
DALI-2 DT8

CONTROL

RCS Master (☺)
RCS Slave (☺)



SONO LOOP 260 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.6W	3000K	881lm	8 7 1 - 8 1 2 6 :: ☺ ☑ ○
	4000K	933lm	

SONO LOOP 350 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.9W	3000K	1940lm	8 7 1 - 8 1 3 6 :: ☺ ☑ ○
	4000K	2060lm	

SONO LOOP 450 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.2W	3000K	2850lm	8 7 1 - 8 1 4 6 :: ☺ ☑ ○
	4000K	3010lm	

SONO LOOP 600 surface



IP 54 LUMINAIRE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
43W	3000K	5410lm	8 7 1 - 8 1 5 6 :: ☺ ☑ ○
	4000K	5730lm	



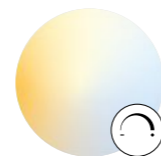
DiiA® standards
251, 252, 253



easy mounting by
click-mechanism



dust and insect
protection (IP 54)

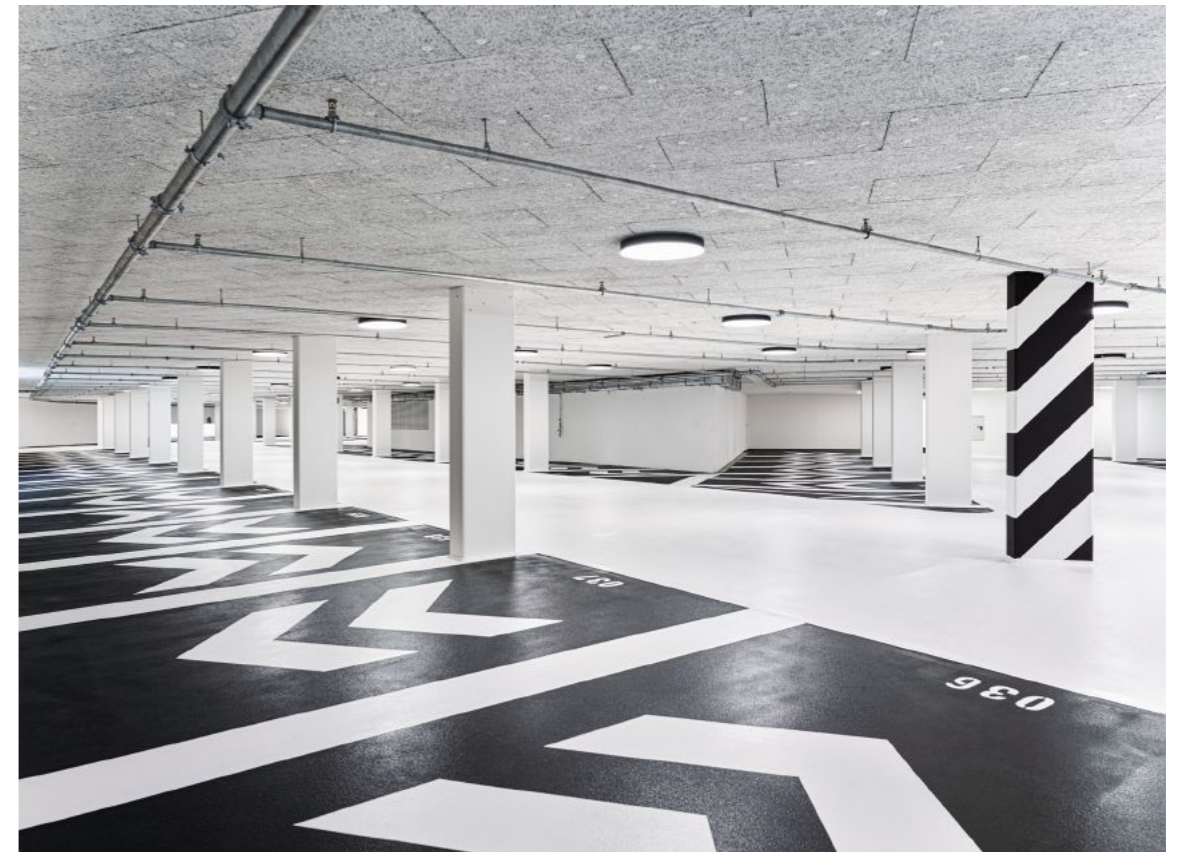


tunable white
2700–6500K

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal



KTM House of brands
Munderfing, AT – by Hofbauer
Liebmann Architekten ZT GmbH



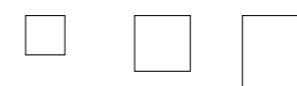
The square difference

FLOW

EN FLOW is ideal for providing light in its pure form. FLOW, whether mounted on the wall or ceiling, or in its suspended variant, has a clean design and flat dimensions. Depending on the desired lighting mood, the IP 40-protected luminaire is available at 3000 K or 4000 K. An opal cover creates a uniform and pleasant light. The surface-mounted luminaire is installed quickly and without tools via a mounting plate.

IT FLOW è la soluzione ideale per chi cerca una luce nella sua forma più pura. Si fissa sulle pareti, sui soffitti e anche a sospensione, mantenendo un design pulito e spessore ridotto. Il corpo illuminante è costruito in protezione IP 40. A seconda dell'atmosfera che si vuole creare, è disponibile in temperatura di colore 3000 K o 4000 K. La cover opale diffonde una luce piacevolmente uniforme. La variante a sospensione aggiunge luminosità sul soffitto con una componente di luce indiretta. La plafoniera si fissa su una piastra di montaggio con un meccanismo semplice che non richiede alcuna attrezzatura.

Types



320

450

600

Mountings

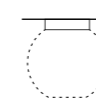


wall



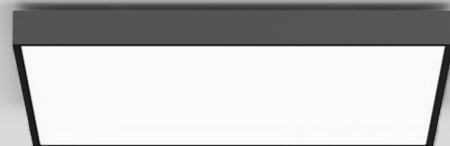
ceiling

Light distribution



opal

back



FLOW

surface

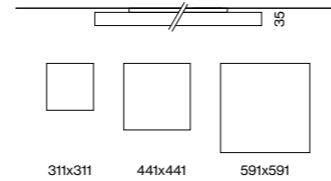
EN Square aluminium luminaire housing, flat design (luminaire housing 35 mm); surface powder coated; suitable for wall or ceiling mounting, luminaire housing set 11 mm away from wall or ceiling; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

IT Corpo illuminante quadrato in alluminio, forma piatta (corpo illuminante 35 mm); verniciatura a polvere; per montaggio a parete o soffitto, distanza corpo illuminante da parete o soffitto 11 mm; pratico sistema di montaggio rapido senza utensili; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; illuminazione assolutamente omogenea; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 146lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, IP 40

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

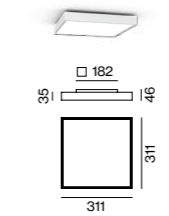
MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p.992	X

LIGHT OPTIC COVER	
opal	

Options on request

MOUNTING	
1500 mm cable suspension	

COLOUR RENDERING INDEX	
CRI ≥ 90	

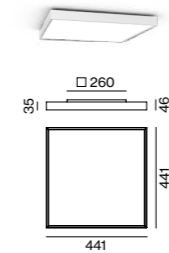


FLOW 320 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15.2 W	3000K	2000 lm	073-01311
	4000K	2120 lm	

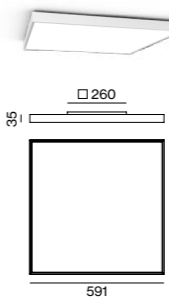


FLOW 450 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23.9 W	3000K	3250 lm	073-01411
	4000K	3440 lm	



FLOW 600 surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
44 W	3000K	6060 lm	073-01511
	4000K	6420 lm	

Accessories

TYPE	ORDER CODE
dismounting tool	073-0100000



DiiA® standards
251, 252, 253



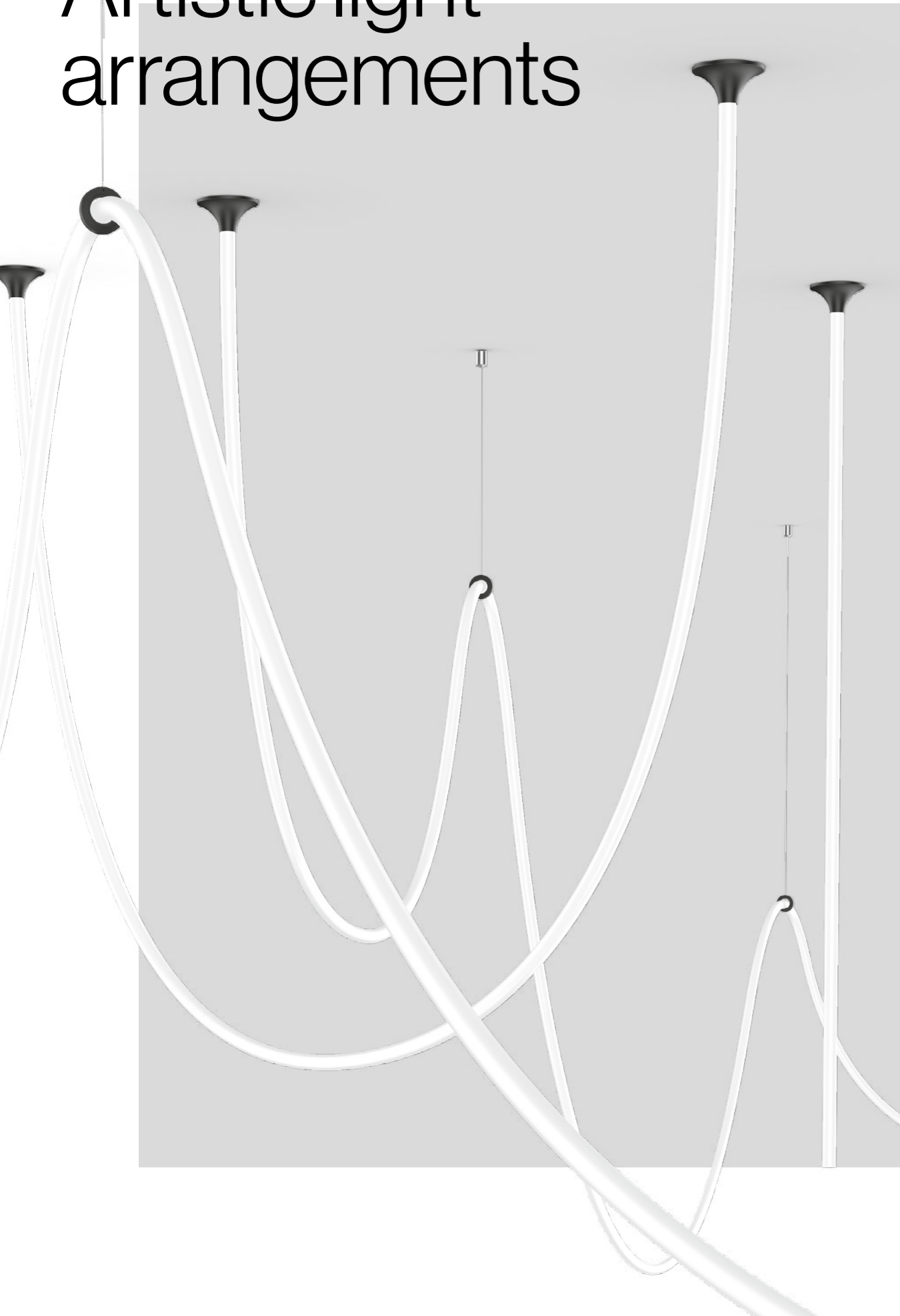
easy mounting by click-mechanism
insect protection (IP 40)

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

Businesscenter
Wels, AT –
by Riepl / Riepl



Artistic light arrangements



JANE

EN JANE gives flexibility in design a new dimension. The rope-like, highly flexible LED luminaire is made of food-safe silicone and offers complete freedom when designing creative ceiling and wall arrangements. JANE has a homogeneous light distribution, with a diameter of only 18 mm. At up to 10 metres long, it is ideal for small and large visions. The light cables can be easily arranged into custom patterns with the ceiling clips and cable holders. JANE is available in 3000 K or 4000 K light colours and, with CRI ≥ 90 , also delivers top colour rendering. This luminaire is unique because of its appearance. It is a new, highly decorative innovation from XAL – artistic and exclusive.

IT La flessibilità di design acquista una nuova dimensione: JANE è un corpo illuminante LED costruito come una fune, in silicone di qualità alimentare, che consente di realizzare in assoluta libertà composizioni creative su pareti e soffitti. Con un diametro di soli 18 mm, JANE diffonde una luminosità perfettamente omogenea. Arriva a 10 metri di lunghezza e quindi si presta ad allestimenti grandi e piccoli. Le funi luminose si fissano facilmente con clips e fermafili che permettono di comporre le geometrie più originali. JANE si può scegliere in temperatura di colore 3000 K oppure 4000 K, in entrambi i casi con indice CRI ≥ 90 a garanzia di una resa cromatica eccellente. Il suo aspetto lo rende unico: un'innovazione di XAL del tutto nuova, altamente decorativa, artistica ed esclusiva.

Mountings



semi-recessed

surface

suspended

Light distribution



opal



Artistic sculptures

EN JANE curves along walls and loops from ceilings thanks to its flexibility. This corded, food-grade silicone luminaire promises full lighting-design freedom. Create dynamic patterns and artistic arrangements; bring unique and harmonious motion to life.

IT JANE si snoda su pareti e soffitti con grande flessibilità: si tratta di un corpo illuminante costruito come una fune, in silicone di qualità alimentare, che consente di realizzare in assoluta libertà composizioni creative. Potete ideare le geometrie più originali e artistiche, uniche e in armonioso movimento.

Mounting options

EN JANE attaches to ceilings or walls easily to fully meet your needs. The luminaire hangs in position with ceiling clips and cord holders. The suspended cord is height-adjustable without any tools. Let your design ideas run free. You can even arrange JANE perfectly linearly thanks to the special track guide.

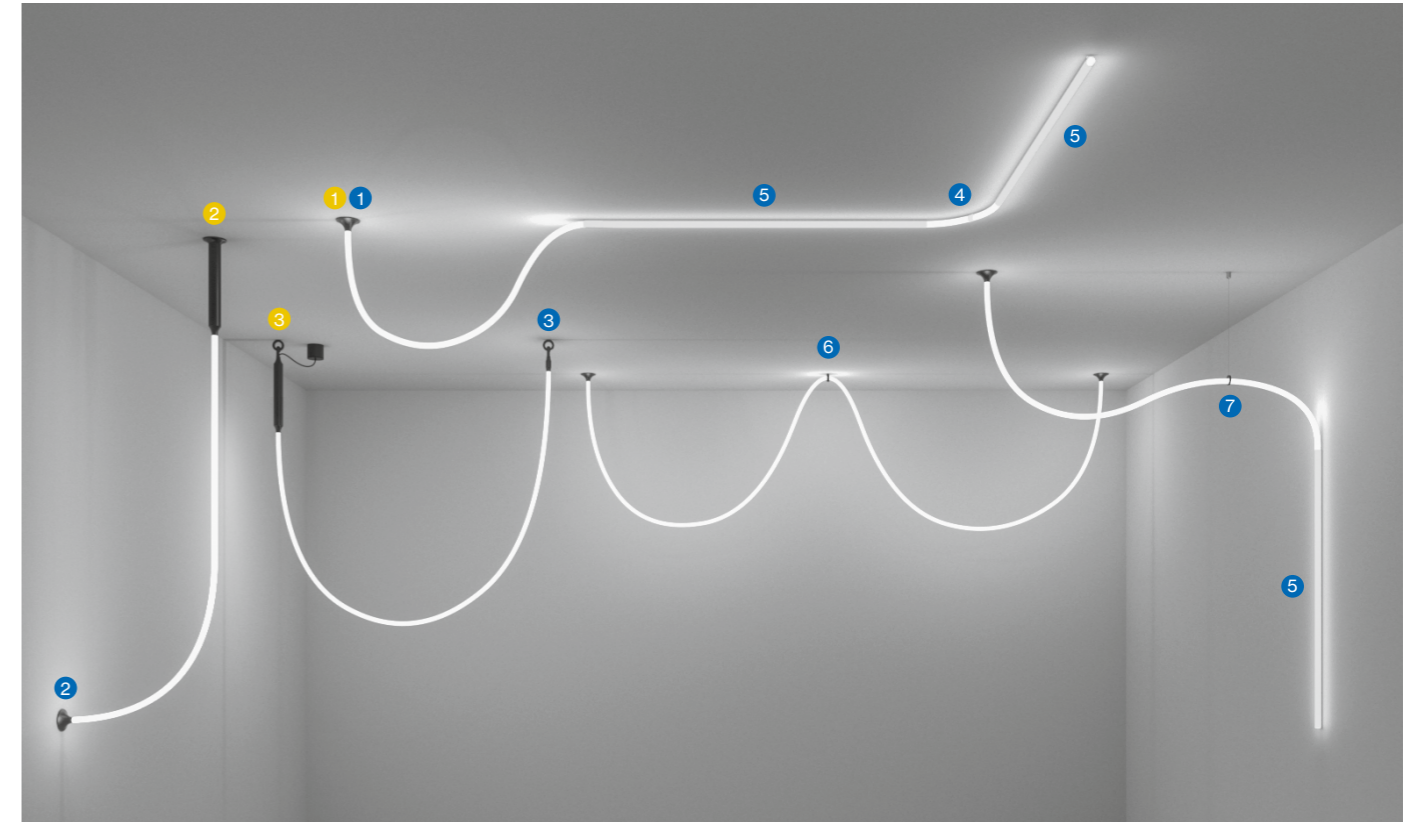
IT JANE si monta su pareti e soffitti in modo semplice e del tutto individuale. Con l'ausilio di clips e fermafili si fissa l'apparecchio nella giusta posizione, poi si regola l'altezza della sospensione a fune senza bisogno di utensili. Non ci sono limiti alla creatività. Sono possibili anche composizioni lineari: in questo caso si usa un binario speciale che tiene JANE in posizione perfettamente allineata.

Mounting accessories

- 1 mounting set recessed
- 2 mounting set surface
- 3 mounting set suspended
- 4 clip surface (transparent)
- 5 channel surface (transparent)
- 6 mounting ring surface
- 7 mounting ring suspended

Electrical accessories

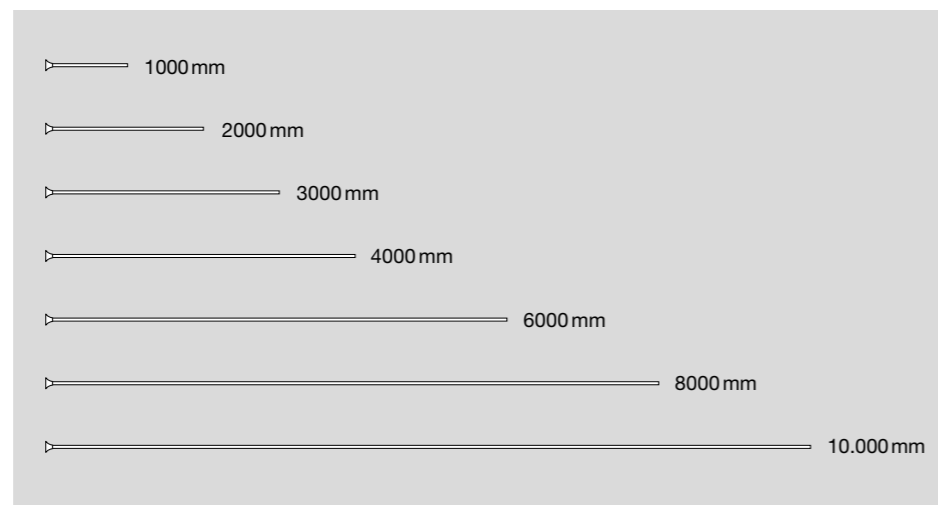
- 1 power supply recessed
- 2 power supply surface
- 3 power supply suspended



Length variety

EN How far does your vision go? JANE adapts to your project dimensions whether expansive or confined. Create light sculptures perfectly tailored to the space and the ambience in a wide range of sizes thanks to its varying light cord lengths, from 1 to 10 m.

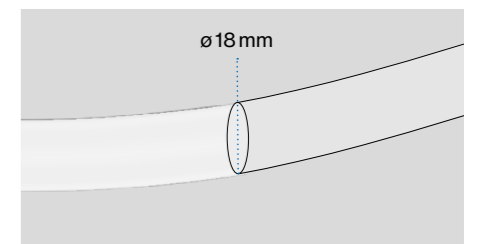
IT Qual è la vostra idea? Che vogliate un'illuminazione sporgente o concentrata in uno spazio minimo, JANE si adatta alle dimensioni del progetto. Le funi luminose sono previste in varie lunghezze, da 1 a 10 m, con cui si possono comporre sculture luminose di ogni dimensione. Calibrate esattamente sullo spazio disponibile e sull'atmosfera dell'ambiente.



Slim and decorative

EN JANE is so much more than merely decorative. Its focussed 18 mm diameter packs enormous punch. The light cord's uniform all-round 360° beam characteristics deliver balanced illumination. Craft beautiful, swooping light sculptures and generate pleasant, homogeneous lighting wherever JANE is set.

IT Non è "soltanto" decorativo: con un diametro di soli 18 mm, JANE nasconde grandi potenziali. La fune luminosa diffonde una luminosità omogenea ed equilibrata a 360°. Di conseguenza le vostre artistiche sculture luminose non formano solo un estetico colpo d'occhio bensì creano un'illuminazione benefica e uniforme ovunque le montiate.

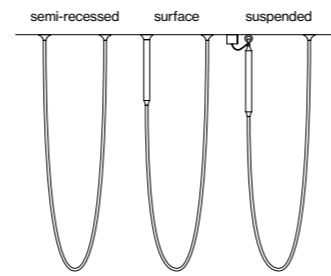




Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 1000lm/m
 up to 71lm/W
 L80 @ 50000h
 non DIM, DALI
 IP 40

Types



∅18 x 1000-10000

Canopy colours



Light distribution

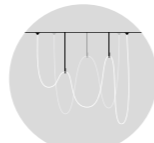


JANE

semi-recessed / surface / suspended

EN Highly flexible light rope made of food grade silicone for creative and decorative design; extremely slim design (only 18 mm diameter); for wall-/ceiling surface mounting or suspended mounting (cable suspension, height adjustment without tools); completely homogeneously illuminated, matt surface; 360° light emission; energy-efficient LEDs with very good colour rendering; optionally with external converter for ceiling installation or suspended in combination with the light rope (available as an accessory)

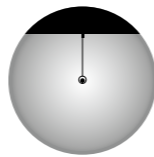
IT Cavo luminoso altamente flessibile in silicone alimentare per un design creativo e decorativo; forma estremamente sottile (solo 18 mm di diametro); per montaggio a parete/soffitto o per montaggio a sospensione (cavo di sospensione, regolazione in altezza senza attrezzi); superficie opaca con illuminazione assolutamente omogenea; emissione a 360°; LED ad efficienza energetica con elevata resa cromatica; a scelta convertitore esterno per installazione a soffitto o a sospensione in combinazione con il cavo luminoso (disponibile come accessorio)



many mounting options



dust and insect protection (IP 40)



360° light emitting

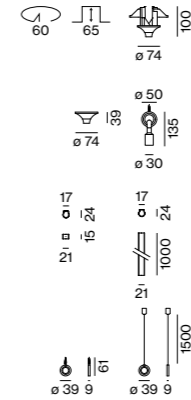
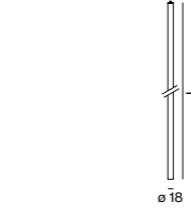
Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI	3

LENGTH	
1000 mm	1
2000 mm	2
3000 mm	3
4000 mm	4
6000 mm	6
8000 mm	8
10000 mm	0

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8



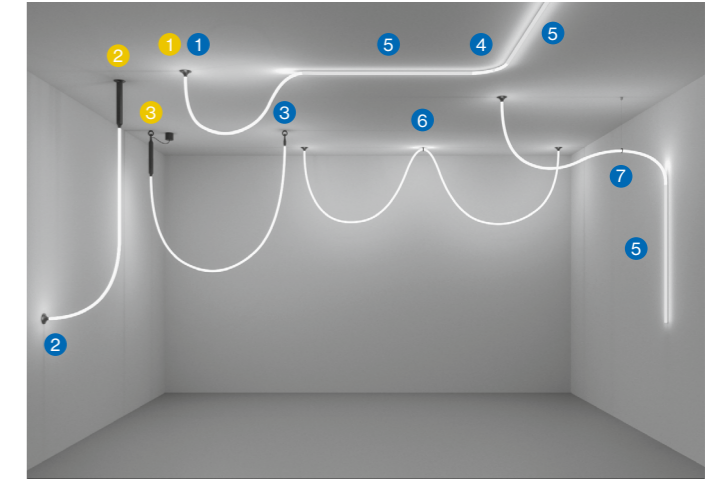
JANE semi-recessed / surface / suspended



LUMINAIRE			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.4W/m	3000K	812lm/m	058-651 L 10
	4000K	1000lm/m	

Mounting accessories

MOUNTING ACCESSORIES		
TYPE	L-W-H (mm)	ORDER CODE
1 mounting set recessed	∅74-100	058-659021
2 mounting set surface	∅74-39	058-659101
3 mounting set suspended	∅50/30-135	058-659201
4 clip surface (transparent)	15-21-24	058-6591410
5 channel surface (transparent)	1000-21-24	058-6591110
6 mounting ring surface	∅39-9-61	058-659161
7 mounting ring suspended	∅39-9	058-659261



various mounting options with different mounting accessories

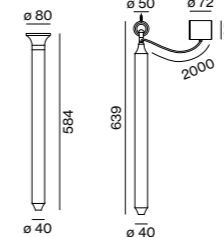
Electrical accessories

1 POWER SUPPLY RECESSED 220-240V AC, 48V, 50-60Hz			
TYPE		L-W-H (mm)	ORDER CODE
100W recessed	PC II	350-30-18	002-62134
150W recessed	PC II	350-30-18	002-62135
60W revision opening	PC II	163-43-32	002-62133
100W revision opening	PC II	350-30-18	002-62134
150W revision opening	PC II	350-30-18	002-62135
250W revision opening	PC II	400-40-22	002-62139
320W revision opening	PC I	252-90-44	002-60320
DALI device		120-30-22	058-6599330

2 POWER SUPPLY SURFACE 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W surface	PC II	584-∅40	058-65912
150W surface	PC II	584-∅40	058-65913

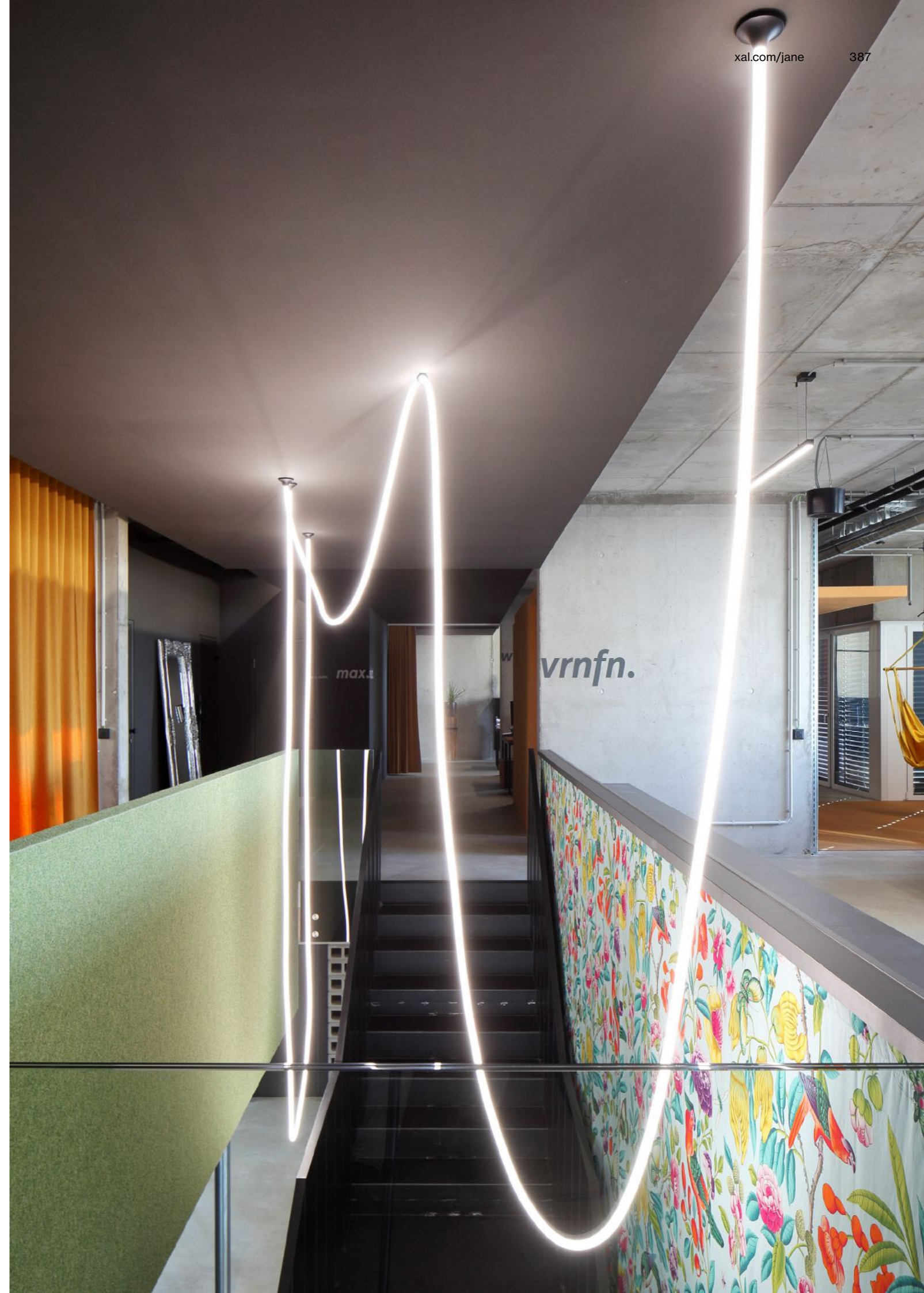
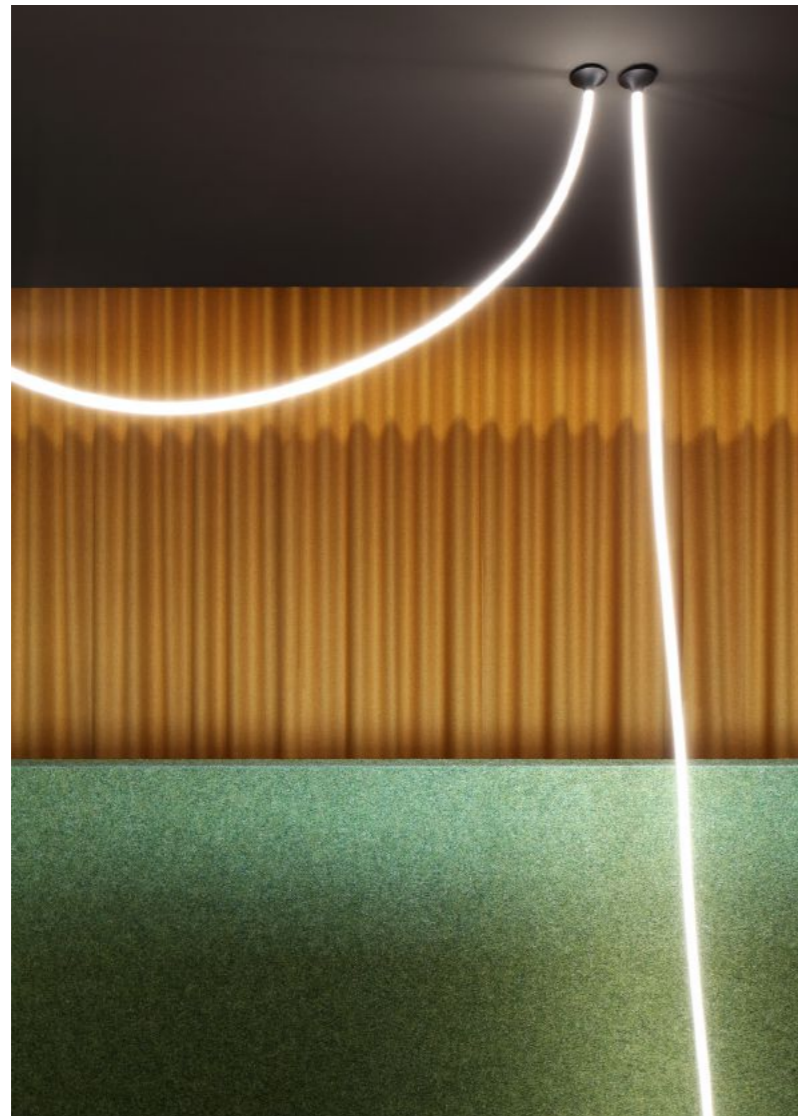
3 POWER SUPPLY SUSPENDED 220-240V AC, 48V, 50-60Hz			
TYPE		L-∅ (mm)	ORDER CODE
100W suspended	PC II	639-∅40	058-65922
150W suspended	PC II	639-∅40	058-65923

incl. ceiling canopy and 2000mm power cable



LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, rope silicone

Upart Werbung & Kommunikation GmbH Linz-Urfahr, AT –
by MOSER UND HAGER Architekten ZT GmbH





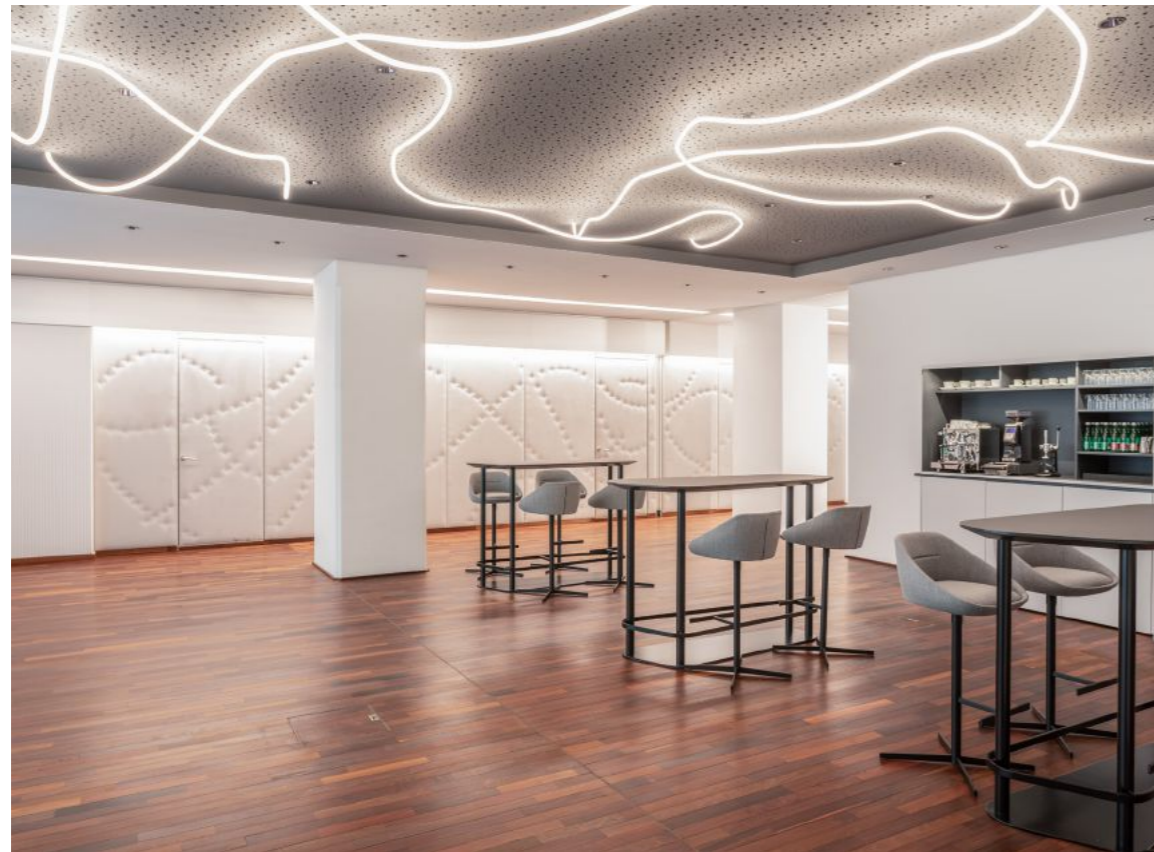
The Raum Bolzano, IT –
by bergundtal gmbh.



Office Greenhouse Gent, BE –
by Boîte, Interieur & concept architecten



**Binder Grösswang Rechtsanwälte
GmbH** Vienna, AT – by The Black
Square Planungsbüro GmbH



Effective at work



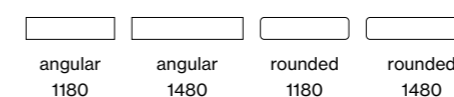
DESO

EN A classic office luminaire that meets all requirements without being obtrusive. DESO convinces through its fantastic simple, rectangular shape. It can come with rounded corners or angular design.

Thanks to its microprismatic cover, it provides excellent workplace lighting, delivers optimum glare control of $UGR \leq 19$, and is suitable for single and double workstations. The discreet indirect light distribution creates a pleasant, homogeneous ceiling illumination. An optional brightness and presence sensor automatically adjusts the lighting to the ambient brightness in the office.

IT Un classico corpo illuminante da ufficio che possiede tutti i requisiti necessari senza dare nell'occhio: DESO presenta un'essenziale linea rettangolare – a scelta con spigoli squadri o arrotondati – e uno spessore ridotto. La cover microprismatica diffonde una luce eccellente per le postazioni di lavoro, schermata con $UGR \leq 19$ e adatta a scrivanie singole o doppie. L'aggiunta di una sobria emissione indiretta crea una piacevole luminosità sul soffitto. Con l'opzione del sensore di movimento e luce diurna, l'illuminazione si adatta automaticamente al contesto d'ufficio.

Types



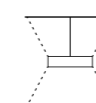
angular 1180 angular 1480 rounded 1180 rounded 1480

Mounting



suspended

Light distribution



direct
indirect



DESO

suspended

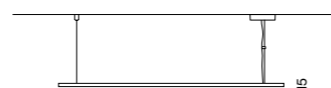
EN Rectangular luminaire housing in aluminium; choice of angular design or with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed (white); electronic operating unit installed in the canopy; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; direct component: microprismatic PMMA cover; indirect component covered with opal cover; homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring

IT Corpo illuminante rettangolare in alluminio; a scelta modello con design angolare o bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione (bianco); alimentatore elettronico montato nel rosone; distribuzione della luce diretta/indiretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente direzionata in basso e e su tramite incisione laser; parte diretta: diffusore a microprismi in PMMA; parte indiretta con diffusore opale; illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica; rosone per cablaggio passante

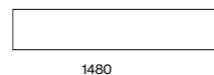
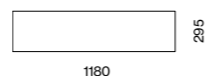
Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 131lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 19)

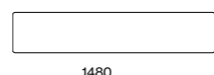
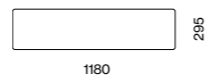
Types



DESO



DESO rounded



Colours



Light distribution



direct
indirect



detail
end caps



detail rounded
end caps



DIN EN 12464-1
UGR ≤ 19



direct/indirect
illumination

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

 pure white RAL 9010

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

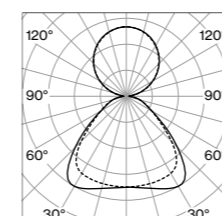
Options on request

CONTROL

non DIM

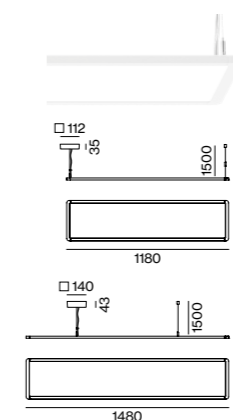
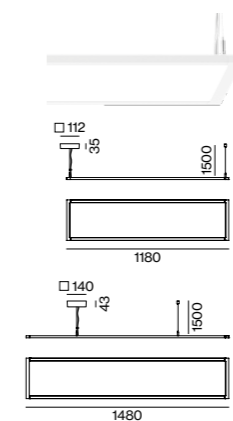
 ESSENTIAL sensor
 (brightness & presence)

Light distribution



microprismatic
direct/indirect

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover microprismatic



DESO suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 2 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 2 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

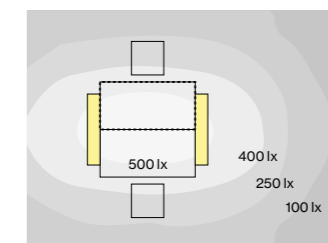
DESO rounded suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
39 W	3000 K	↓ 2750 / ↑ 2090 lm	1180	0 7 4 - 3 2 4 4 :: 3 7 P
	4000 K	↓ 2910 / ↑ 2210 lm		
64 W	3000 K	↓ 3360 / ↑ 2540 lm	1480	0 7 4 - 3 2 4 5 :: 3 7 P
	4000 K	↓ 4400 / ↑ 3340 lm		

Technical data



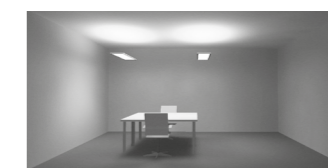
DESO suspended, 39W, 4000K,
 direct/indirect

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 16
UGR axial	≤ 16
≥ 65° ≤ 3000 cd/m ²	

Highlight Towers Munich, DE –
lighting design by Lumen3 GbR



Ultra-slim office series

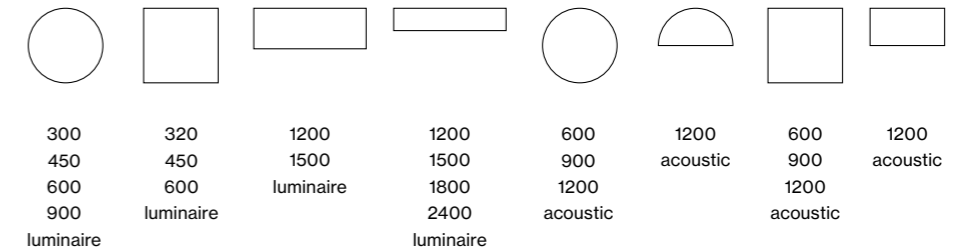


TASK

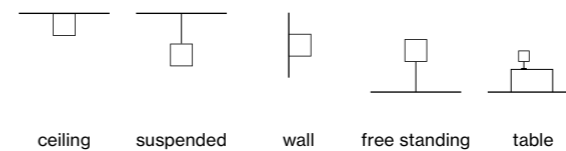
EN The ultra-slim TASK series fulfils all requirements of modern office lighting while being impressively flexible. Innovative technology and highly efficient LEDs meet minimalistic design. Thanks to its microprismatic cover, TASK provides bright and glare-minimised work light. The large product family includes ceiling, wall, floor, and table luminaires in a shared, sleek design language. The optional indirect light provides pleasant ceiling illumination. In addition, the ESSENTIAL sensor enables dynamic adjustment of the TASK S system and the floor luminaire to the ambient brightness and room activity. The SENSE variant also measures values such as temperature, air quality, humidity, and noise level. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN. For optimal room acoustics, the luminaires can be supplemented with highly effective acoustic elements with the same appearance.

IT Oltre a sorprendere con la sua flessibilità, la serie di corpi illuminanti ultrasottili TASK soddisfa a pieno tutti i requisiti della moderna illuminazione per uffici. La tecnologia innovativa e l'efficienza dei LED si abbinano al design minimalista. La cover microprismatica diffonde una luce di lavoro brillante e con il minimo abbagliamento. L'ampio assortimento di prodotti comprende plafoniere, piantane, corpi illuminanti da parete e da tavolo, tutti con lo stesso design slanciato. La componente opzionale di luce indiretta illumina il soffitto creando un'atmosfera piacevole. Con l'aggiunta del sensore ESSENTIAL, il sistema TASK S e la piantana seguono dinamicamente la luminosità circostante e le attività svolte. La variante SENSE rileva anche valori come temperatura, qualità dell'aria, umidità e livello di rumore. Il sensore SENSE è IoT ready e permette al TASK free standing di trasmettere dati via WLAN. Per ottimizzare l'acustica dell'ambiente si possono aggiungere efficaci pannelli fonoassorbenti dello stesso design.

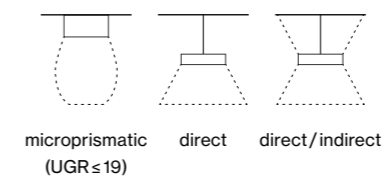
Types



Mountings



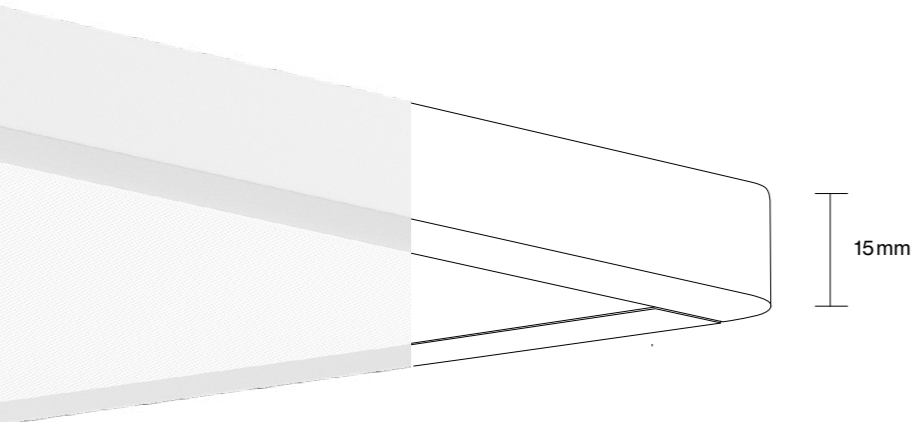
Light distributions



Ultra-slim and versatile

EN TASK combines an ultra-slim design with innovative lighting technology. These include, in particular, an LGP (Light Guiding Prism), which directs the laterally coupled light from highly efficient LEDs upwards and downwards. It creates a pleasant room atmosphere through a balanced relationship between direct and indirect light.

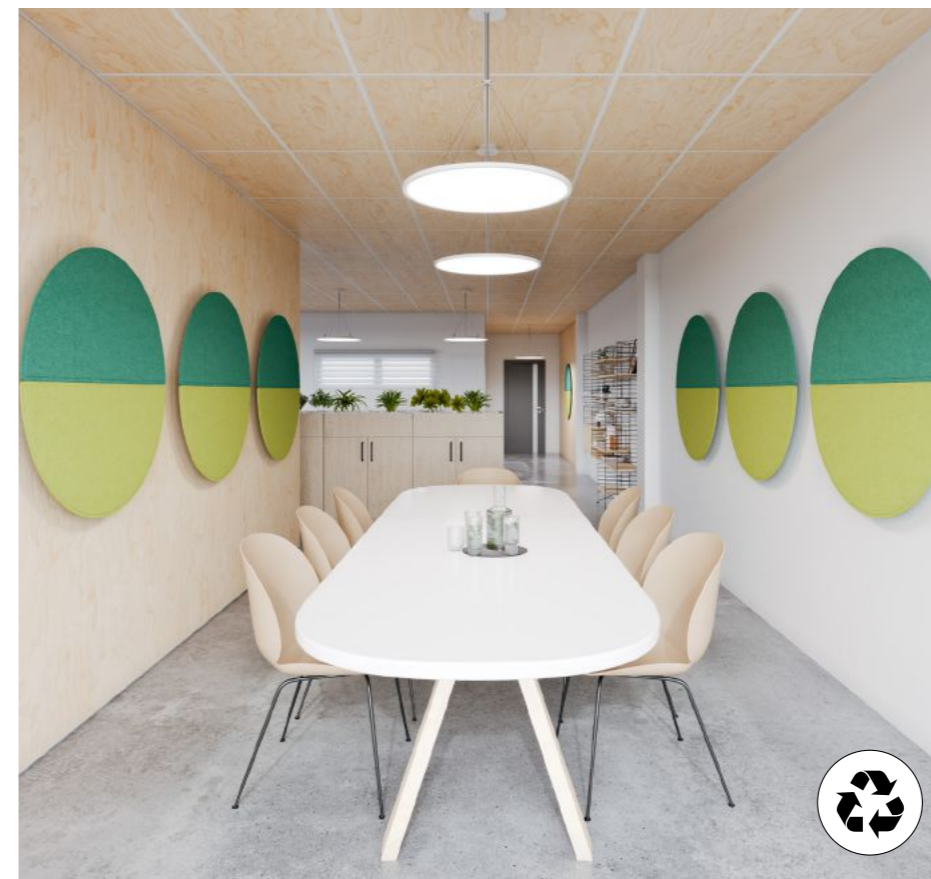
IT TASK combina design ultrasottile e illuminotecnica innovativa. In particolare il sistema LGP (Light Guiding Prism) guida in alto e in basso la luce degli efficientissimi LED inseriti lateralmente. Ne deriva una proporzione equilibrata di luce diretta e indiretta, a garanzia di un'atmosfera piacevole.



One design – many options

EN Thanks to a variety of shapes and mounting options, available individually but also as a system variant, TASK creates uniform lighting solutions for the most diverse projects. Pendant or surface-mounted luminaires for walls and ceilings can be supplemented by mobile floor and table luminaires. Flexible in use and uniform in design.

IT Conta la luce ma non soltanto. Anche l'acustica è fondamentale per sentirsi a proprio agio mentre si lavora. La serie TASK offre pannelli acustici di sei colori, ricavati al 60% da PET riciclato, che servono a ridurre i rimbombi in ufficio, favorendo quindi concentrazione e produttività.



Pleasant room acoustics

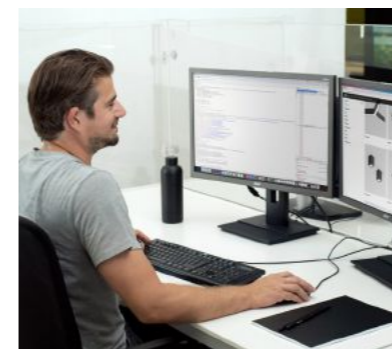
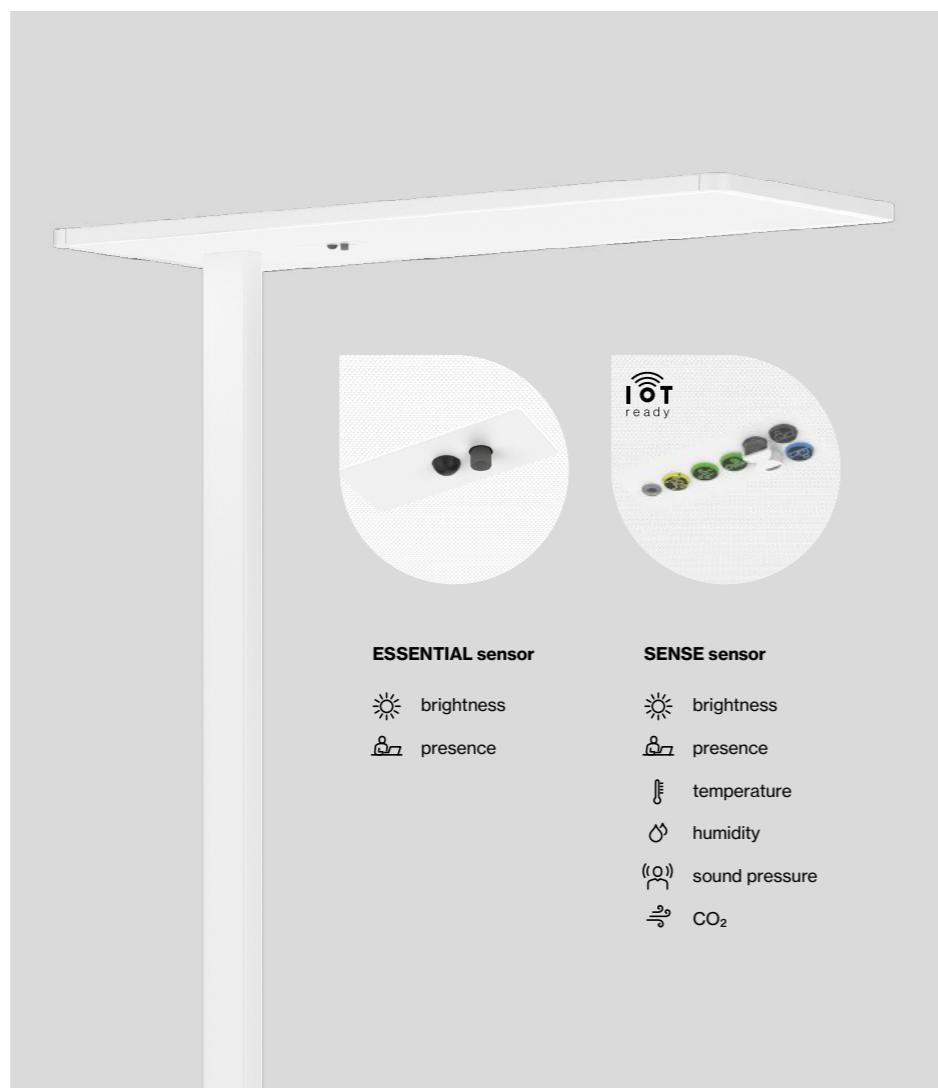
EN Light is decisive but not solely. Pleasant room acoustics have a significant impact on job satisfaction. Acoustic panels in various colours and made of 60%-recycled PET complement the TASK series and reduce background noise in the office. For concentrated, productive work.

IT Libertà con semplici giunti: ogni elemento del sistema TASK S si fissa e si collega con un pratico innesto, senza bisogno di attrezzatura. Anche qualora si desideri ampliare l'ufficio o ridisegnarlo, il sistema d'illuminazione si adatta a ogni cambiamento.

Advanced sensor technology

EN The TASK S single luminaire and the TASK Free Standing adapt to daylight and room activity. Integrated motion sensors automatically dim the lighting while smart daylight sensors enable the light intensity to be adjusted to the ambient brightness. In addition, the SENSE version measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms, and also support energy savings in the long term. The data from the sensors is transmitted via DALI. The SENSE sensor is IoT ready and enables the TASK free standing to transfer data via WLAN.

IT L'apparecchio singolo TASK S ed anche la piantana TASK Free Standing si adattano alla luce del giorno e all'attività svolta. Integrano sensori di movimento che abbassano automaticamente l'illuminazione quando non è presente nessuno. Gli intelligenti sensori Daylight dosano inoltre l'intensità luminosa in funzione della luce esterna, risparmiando energia e creando uno scenario dinamicamente naturale. La variante SENSE rileva anche valori come temperatura, qualità dell'aria, umidità e livello di rumore. Questi dati forniscono informazioni importanti sull'uso e sulle condizioni degli ambienti ma tornano utili anche per un risparmio energetico a lungo termine. I dati dei sensori vengono trasmessi via DALI. Il sensore SENSE è IoT ready e permette al TASK free standing di trasmettere dati via WLAN.



Screen-work friendly

EN TASK guarantees standard-compliant illumination of workplaces with custom anti-glare prisms. TASK also focuses on brightness and reduces reflections. An ideal light source for double workstations in open-plan offices and also for single workstations in smaller offices.

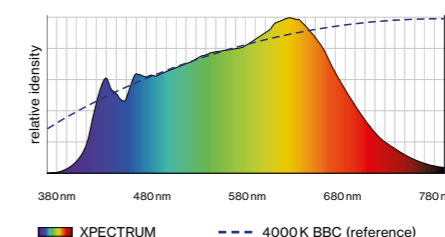
IT TASK possiede speciali prismi di schermatura che garantiscono un'illuminazione a norma dei posti di lavoro. Inoltre, migliora la luminosità e riduce i riflessi. Un sistema ideale per le doppie scrivanie degli open space e per le singole postazioni in piccoli uffici.

Full-spectrum LED

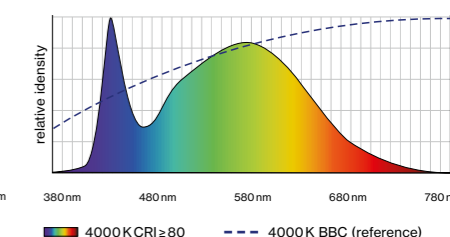
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES T_M 30-15 R_i = 98 and R_g = 101 further helps visual comfort.

IT Il nuovo XPECTRUM LED di XAL assicura una luce sana con efficacia biologica. Lo spettro riduce le componenti azzurre e aumenta invece il ciano, con il risultato di una luce simile a quella diurna in cui i rischi per gli occhi dell'azzurro sono contenuti al minimo. Ne consegue un effetto non visivo, chiamato anche melanopico, che favorisce la concentrazione e migliora la qualità del sonno. Inoltre l'eccellente resa cromatica IES T_M 30-15 R_i = 98 e R_g = 101 migliora il comfort visivo.

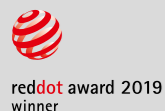
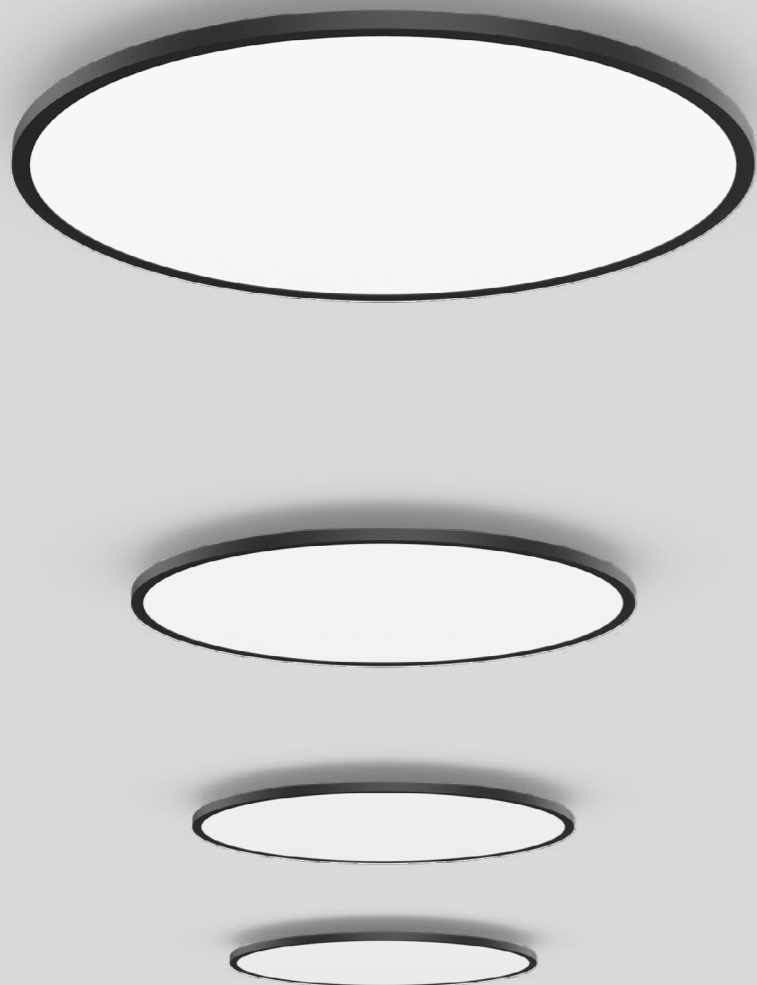
XPECTRUM LED



Commercially available LED 4000K



← back



TASK round surface

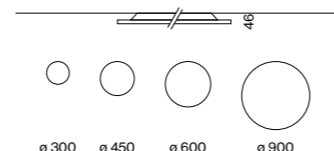
EN Round luminaire housing in aluminium; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

IT Corpo illuminante rotondo in alluminio; forma ultrapiatta (solo 15 mm); verniciatura a polvere; pratico sistema di montaggio rapido senza utensili; distribuzione della luce diretta senza utensili; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante; disponibile accessorio fonoassorbente

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 136 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

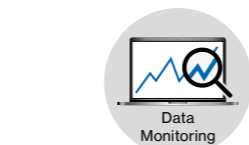
Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



acoustic elements (p. 456)
 CRI ≥ 98 XPECTRUM

Order options

COLOUR TEMPERATURE
 3000K 0
 4000K 1

CONTROL
 DALI-2

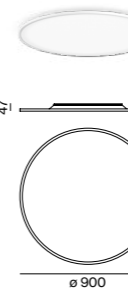
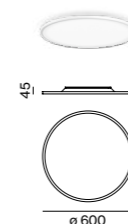
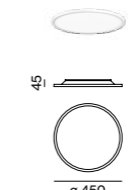
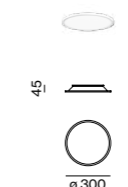
MATERIAL COLOUR
 pure white RAL 9010 7
 jet black RAL 9005 8
 special colours p. 992 X

LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL
 Casambi



TASK 300 round surface



DIRECT		SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	3000 K	1020 lm	0 59-0 150 :: 3 P		
	4000 K	1080 lm			

TASK 450 round surface



DIRECT		SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16 W	3000 K	1750 lm	0 59-0 141 :: 3 P		
	4000 K	1860 lm			
22.8 W	3000 K	2400 lm	0 59-0 151 :: 3 P		
	4000 K	2560 lm			

TASK 600 round surface



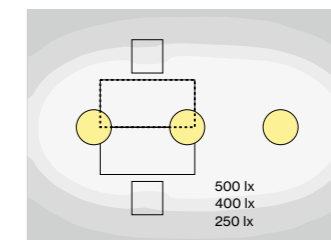
DIRECT		SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
30 W	3000 K	3470 lm	0 59-0 142 :: 3 P		
	4000 K	3690 lm			
40 W	3000 K	4350 lm	0 59-0 152 :: 3 P		
	4000 K	4630 lm			

TASK 900 round surface



DIRECT		SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52 W	3000 K	6630 lm	0 59-0 143 :: 3 K		
	4000 K	7060 lm			

Technical data



TASK 600 round surface
 30 W, 4000 K, direct

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8

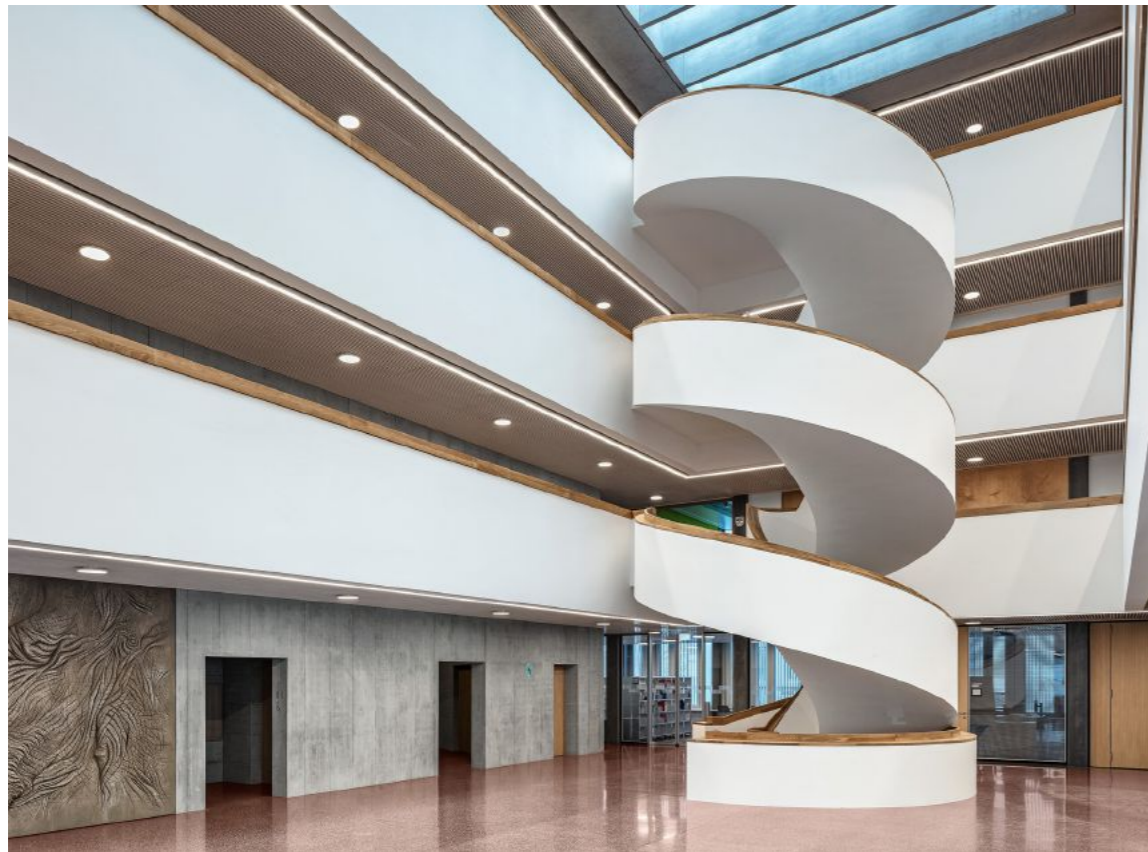
CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8 m
 Surface height 0.75 m
 Average illuminance (E_{av}) > 500 lx
 Uniformity (U₀) > 0.6



GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 3000 cd/m²

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

XUND Bildungszentrum Lucerne, CH –
by Metron AG with lighting design
by Bühmann Engineering AG



XUND BISTRO

Warme Getränke	Snacks
Kaffee, Espresso, Bistretto	Glühwein
Espresso Doppio	Schoggi
Espresso Macchiato	Brot
Cappuccino, Latte Macchiato	Kuchen
Schoggi warm oder kalt	Brotzeit
Tea	Frühstücksbrot
	Sandwich

**Triplex Universitätsbibliothek
und Ausleihe** Heidelberg, DE –
by ap88 Architekten Partner-
schaft mbB with lighting design
by LDE BELZNER HOLMES





TASK round

suspended

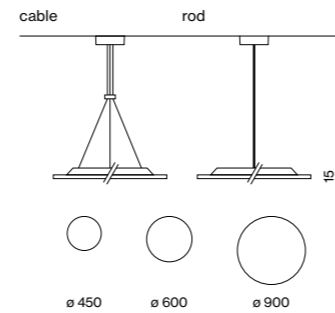
EN Round luminaire housing in aluminium; ultra low-profile design (only 15 mm); powder coated; suspended; with height adjustable rod suspension (chrome), feed in rod; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy for through wiring; sound absorbing accessories available

IT Corpo illuminante rotondo in alluminio; forma ultrapiatta (solo 15 mm); verniciatura a polvere; sospeso; con asta di sospensione accorciabile (cromata), cavo alimentazione nell'asta di sospensione; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; in opzione: percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; rosone per cablaggio passante; disponibile accessorio fonoassorbente

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 137 lm/W
L90 @ 50 000 h
DALI-2
microprismatic (UGR ≤ 19)
IP 40

Types



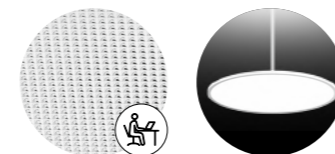
Colours



Light distributions

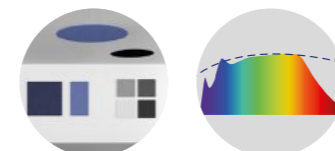


DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19

direct/indirect
illumination




acoustic
elements (p. 456)

CRI ≥ 98
XPECTRUM

Order options

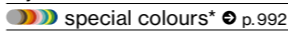
SUSPENSION 
cable 1500 mm 2
rod 1000 mm 4

COLOUR TEMPERATURE 
3000K 0
4000K 1

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8
 special colours* p. 992 X
*canopy always in white

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
CRI ≥ 98 XPECTRUM

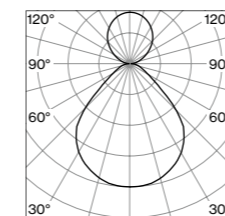
SUSPENSION

rod 2000 mm

CONTROL

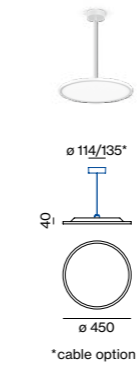
Casambi

Light distribution

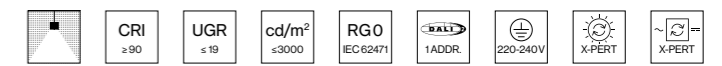


microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover microprismatic



TASK 450 round suspended



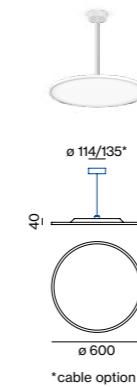
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16 W	3000 K	1750 lm	0 5 9 - 0 5 4 1 :: 3 P
	4000 K	1860 lm	

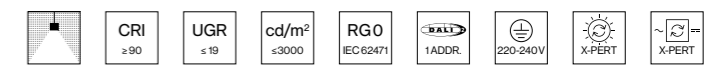


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
38 W	3000 K	↓ 2710 / ↑ 1460 lm	0 5 9 - 0 5 6 1 :: 3 P
	4000 K	↓ 2880 / ↑ 1550 lm	



TASK 600 round suspended



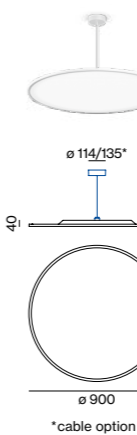
DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
30 W	3000 K	3470 lm	0 5 9 - 0 5 4 2 :: 3 P
	4000 K	3690 lm	

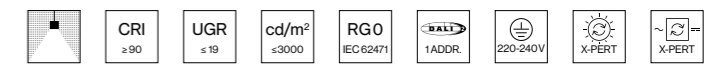


DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
45 W	3000 K	↓ 3470 / ↑ 1770 lm	0 5 9 - 0 5 6 2 :: 3 P
	4000 K	↓ 3690 / ↑ 1880 lm	



TASK 900 round suspended



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52 W	3000 K	6630 lm	0 5 9 - 0 5 4 3 :: 3 K
	4000 K	7060 lm	



DIRECT / INDIRECT POWER

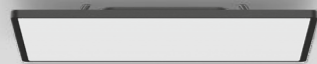
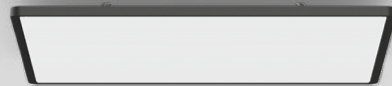
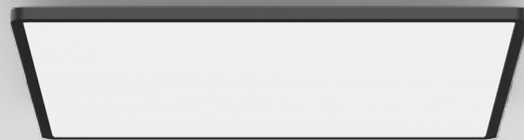
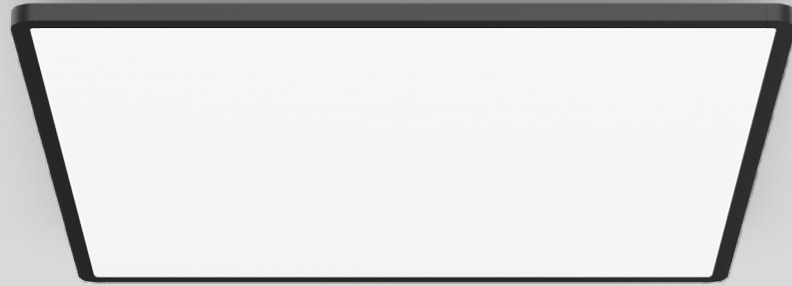
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
100 W	3000 K	↓ 8800 / ↑ 4110 lm	0 5 9 - 0 5 6 3 :: 3 K
	4000 K	↓ 9370 / ↑ 4370 lm	



Microsoft Office
Brussels, BE –
by PROCOS Group



← back



TASK square surface

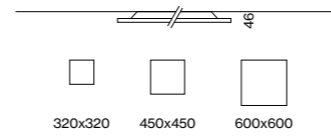
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring; sound absorbing accessories available

IT Corpo illuminante quadrato in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; pratico sistema di montaggio rapido senza utensili; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante; disponibile accessorio fonoassorbente

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)

Types



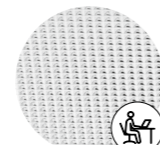
Colours



Light distribution



DiiA® standards
 251, 252, 253



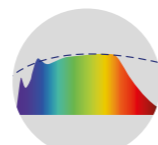
DIN EN 12464-1
 UGR ≤ 19



easy
 mouting



acoustic
 elements (p.456)



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input checked="" type="radio"/> special colours p.992	X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

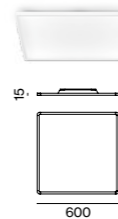
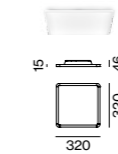
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL

Casambi



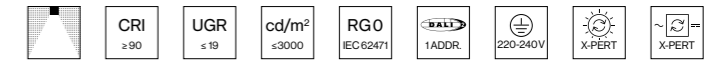
TASK 320 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.8W	3000K	1230lm	0 5 9 - 2 1 1 0 :: 3 ▣ K
	4000K	1310lm	

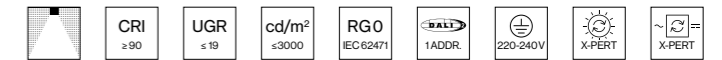
TASK 450 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15W	3000K	1880lm	0 5 9 - 2 1 4 1 :: 3 ▣ K
	4000K	2000lm	

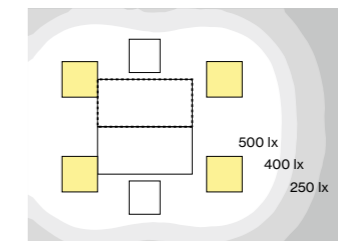
TASK 600 square surface



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3W	3000K	3510lm	0 5 9 - 2 1 4 2 :: 3 ▣ K
	4000K	3730lm	

Technical data



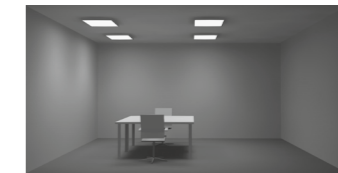
TASK 600 square surface
 27.3W, 4000K, direct

ROOM VALUES

Room dimensions	5.4×4×2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6×0.8m
Surface height	0.75m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

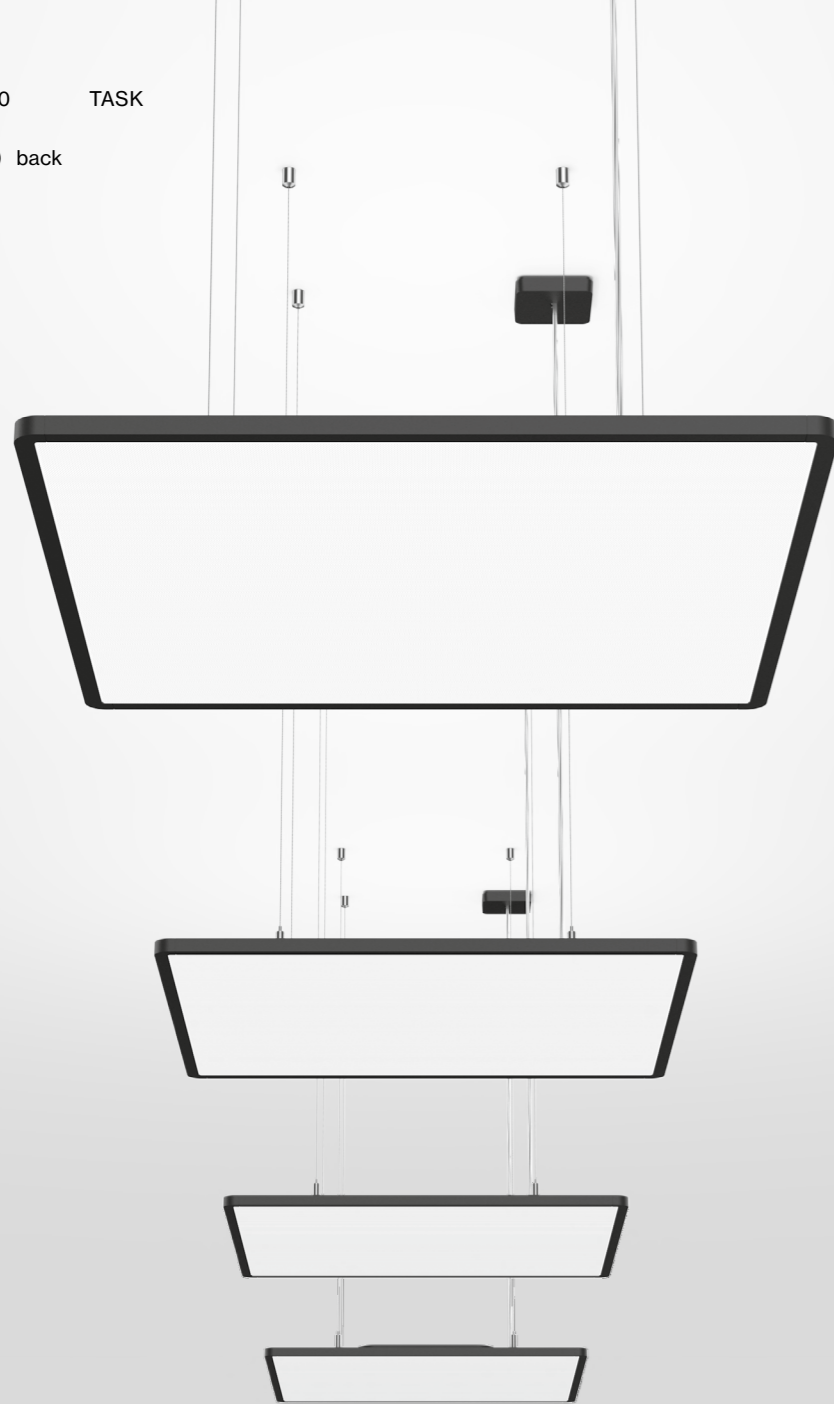
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m ²	

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Art Invest headquarters Cologne, DE –
by Lepel & Lepel Architektur with
lighting design by Volker von Kardorff



← back



TASK square

suspended

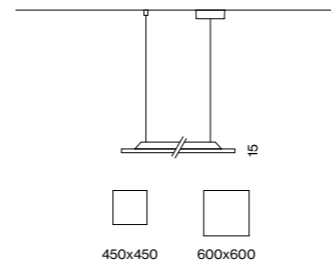
EN Square housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); powder coated; pendant fitting with cable suspension (4 cables); with integrated tool-less suspension height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; sound absorbing accessories available

IT Corpo illuminante quadrato in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; sospeso con cavo a sospensione (4 funi); altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione trasparente; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; in opzione: percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; rosone per cablaggio passante; disponibile accessorio fonoassorbente

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 137 lm/W
 L90 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)

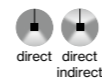
Types



Colours



Light distributions



DiiA® standards
 251, 252, 253



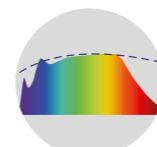
DIN EN 12464-1
 UGR ≤ 19



flat design
 (15 mm)



acoustic
 elements (p. 456)



CRI ≥ 98
 XPECTRUM

Order options

SUSPENSION
 cable 1500 mm

COLOUR TEMPERATURE

3000K	0
4000K	1

CONTROL
 DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy always in white

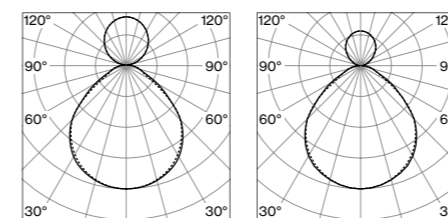
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 80
 CRI ≥ 98 XPECTRUM

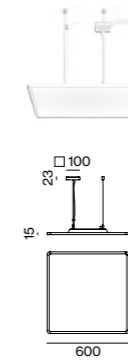
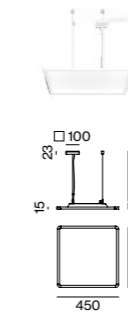
CONTROL
 Casambi

Light distributions

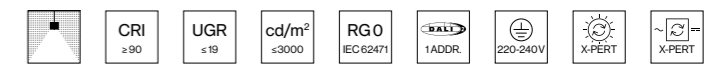


TASK 450 microprismatic direct/indirect power
 TASK 600 microprismatic direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic



TASK 450 square suspended



DIRECT

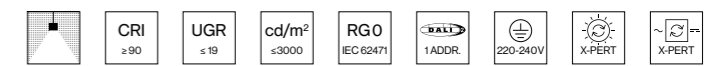
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
15 W	3000 K	1880 lm	0 5 9 - 2 2 1 1 :: 3 ▣ K
	4000 K	2000 lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35 W	3000 K	↓ 2910 / ↑ 1470 lm	0 5 9 - 2 2 3 1 :: 3 ▣ K
	4000 K	↓ 3100 / ↑ 1570 lm	

TASK 600 square suspended



DIRECT

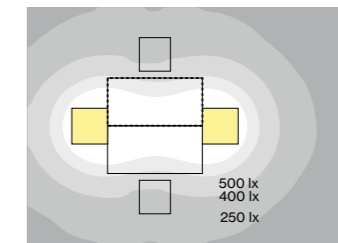
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
27.3 W	3000 K	3510 lm	0 5 9 - 2 2 1 2 :: 3 ▣ K
	4000 K	3730 lm	



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
57 W	3000 K	↓ 5660 / ↑ 1530 lm	0 5 9 - 2 2 3 2 :: 3 ▣ K
	4000 K	↓ 6020 / ↑ 1620 lm	

Technical data



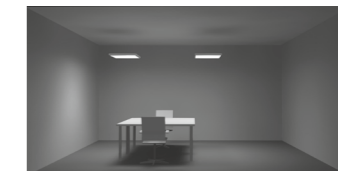
TASK 600 square suspended
 57 W, 4000 K, direct/indirect power

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8 m
Surface height	0.75 m
Average illuminance (E _{av})	> 500 lx
Uniformity (U ₀)	> 0.6



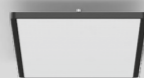
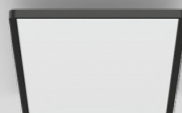
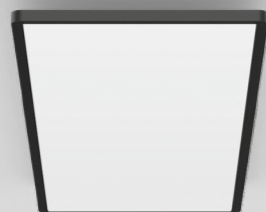
GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

XAL headquarters Graz, AT –
by INNOCAD Architektur ZT



back



TASK

ceiling

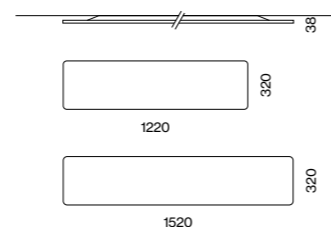
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; convenient quick mounting system without tools; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; luminaire with 2 cable openings and plug-in terminals for through wiring

IT Corpo illuminante rettangolare in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; pratico sistema di montaggio rapido senza utensili; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; apparecchio con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K, TW
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 131lm/W
L80 @ 50 000h
DALI-2
microprismatic (UGR ≤ 19)

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K	0
4000K	1
tunable white 2700–6500K*	

*DALI-2 DT8; CRI ≥ 80

CONTROL

DALI-2

MATERIAL COLOUR

pure white RAL 9010 7
 jet black RAL 9005 8
 special colours p.992 X

LIGHT OPTIC COVER

microprismatic (UGR ≤ 19)

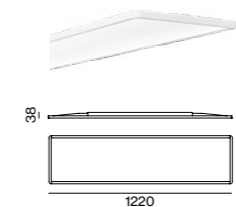
Options on request

COLOUR RENDERING INDEX

CRI ≥ 80
CRI ≥ 98 XPECTRUM

CONTROL

ESSENTIAL sensor
(brightness & presence)

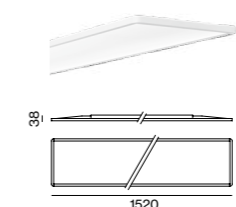


TASK 1200 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
28.4W	3000K	3440lm	0 5 9 - 2 1 1 4 :: 3 ▢ K
29.3W	4000K	3660lm	
	2700–6500K	↑ 3220lm	0 5 9 - 2 1 1 4 D 3 ▢ K



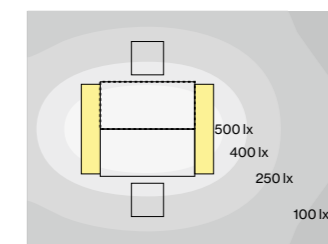
TASK 1500 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
36W	3000K	4300lm	0 5 9 - 2 1 1 5 :: 3 ▢ K
	4000K	4570lm	
37W	2700–6500K	↑ 4020lm	0 5 9 - 2 1 1 5 D 3 ▢ K

Technical data



TASK 1500 ceiling
36W, 4000K, direct

ROOM VALUES

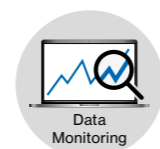
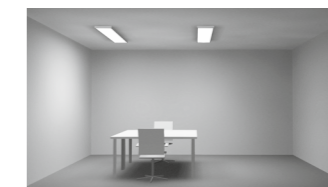
Room dimensions 5.4 × 4 × 2.8m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8

CALCULATION SURFACE

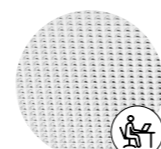
Surface dimensions 1.6 × 0.8m
Surface height 0.75m
Average illuminance (E_{av}) > 500 lx
Uniformity (U₀) > 0.6

GLARE EVALUATION

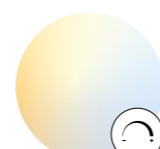
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19
≥ 65° ≤ 3000 cd/m²



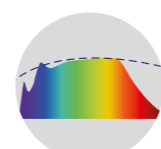
DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



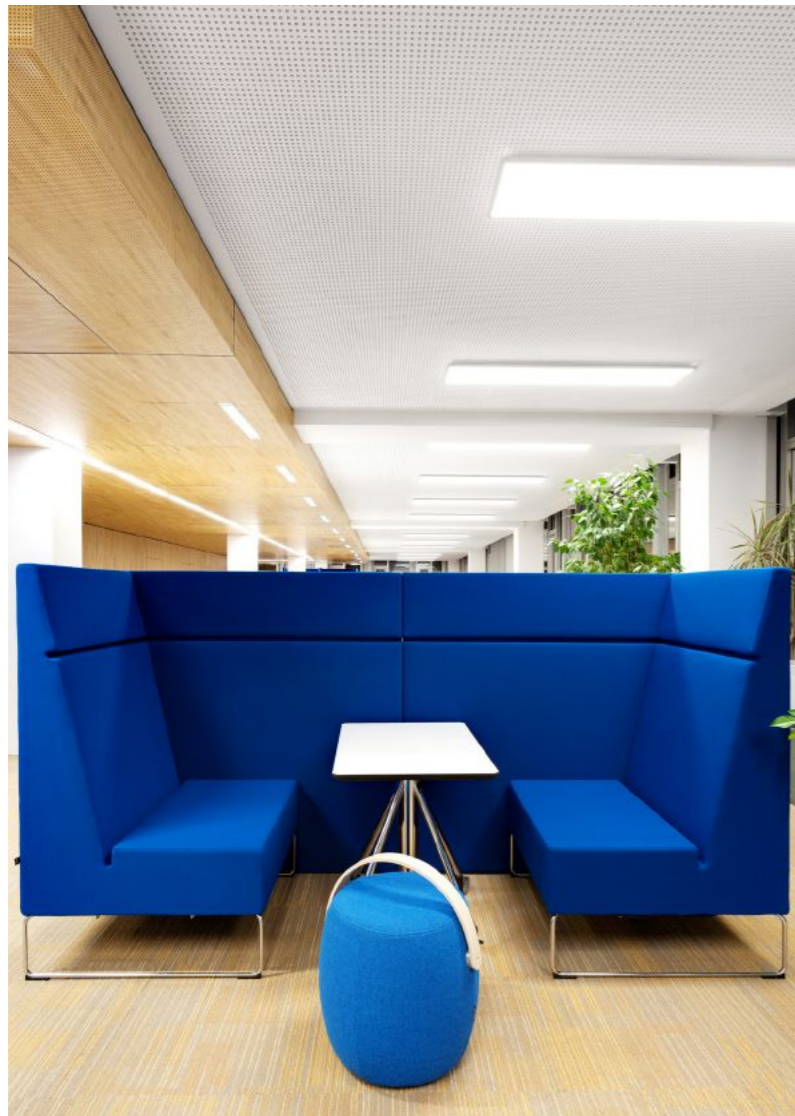
tunable white
2700–6500K



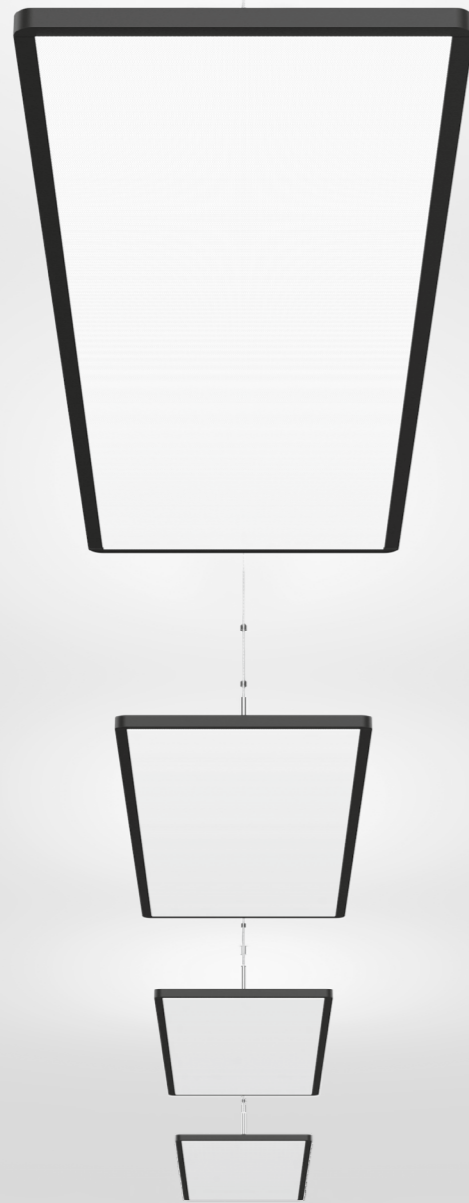
CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover microprismatic

Münchner Rückversicherung Munich, DE –
by Scholz - SorgerArchitekten Partnerschaft mbB
with lighting design by Lumen³ GbR



← back



reddot award 2015 winner



TASK

suspended

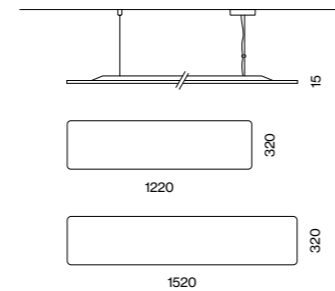
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

IT Corpo illuminante rettangolare in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; cavo di 1500 mm regolabile in altezza senza attrezzi; incl. cavo di alimentazione trasparente; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; rosone con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K, TW
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 129 lm/W
 L80 @ 50 000 h
 DALI-2
 microprismatic (UGR ≤ 19)
 IP 40

Types



Colours



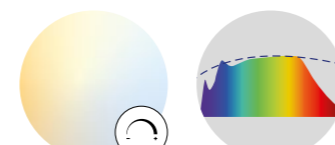
Light distribution



DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500 K

Order options

SUSPENSION
 cable 1500 mm

COLOUR TEMPERATURE
 3000K 0
 4000K 1
 tunable white 2700–6500K*
 *DALI-2 DT8; CRI ≥ 80

CONTROL
 DALI-2

MATERIAL COLOUR
 ○ pure white RAL 9010 7
 ● jet black RAL 9005 8
 ● special colours* p. 992 X
 *canopy always in white

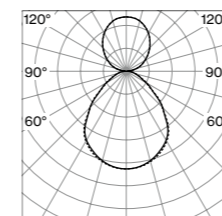
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 80
 CRI ≥ 98 XPECTRUM

CONTROL
 ESSENTIAL sensor
 (brightness & presence)

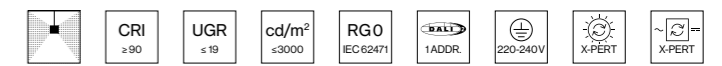
Light distribution



microprismatic
 direct/indirect power

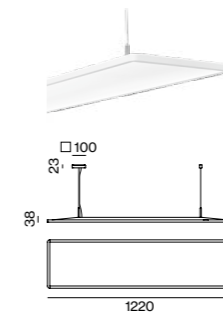
LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

TASK 1200 suspended

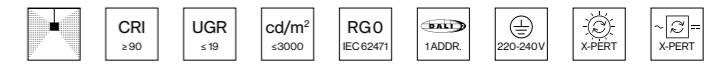


DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
50 W	3000 K	↓ 3890 / ↑ 2180 lm	0 5 9 - 2 2 2 4 :: 3 ▣ K
52 W	4000 K	↓ 4140 / ↑ 2320 lm	
	2700–6500 K	↓ 3620 / ↑ 2100 lm	0 5 9 - 2 2 2 4 D 3 ▣ K

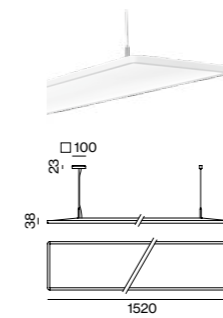


TASK 1500 suspended

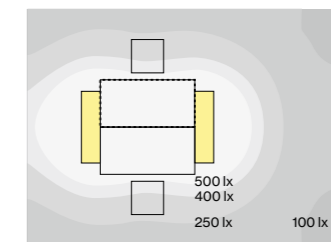


DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
63 W	3000 K	↓ 4860 / ↑ 2720 lm	0 5 9 - 2 2 2 5 :: 3 ▣ K
64 W	4000 K	↓ 5170 / ↑ 2900 lm	
	2700–6500 K	↓ 4530 / ↑ 2630 lm	0 5 9 - 2 2 2 5 D 3 ▣ K



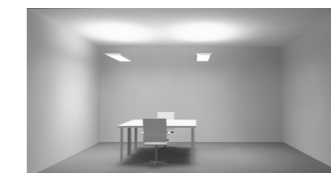
Technical data



TASK 1200 suspended
 50 W, 4000 K, direct/indirect power

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8 m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8
 Suspension height 2.25 m

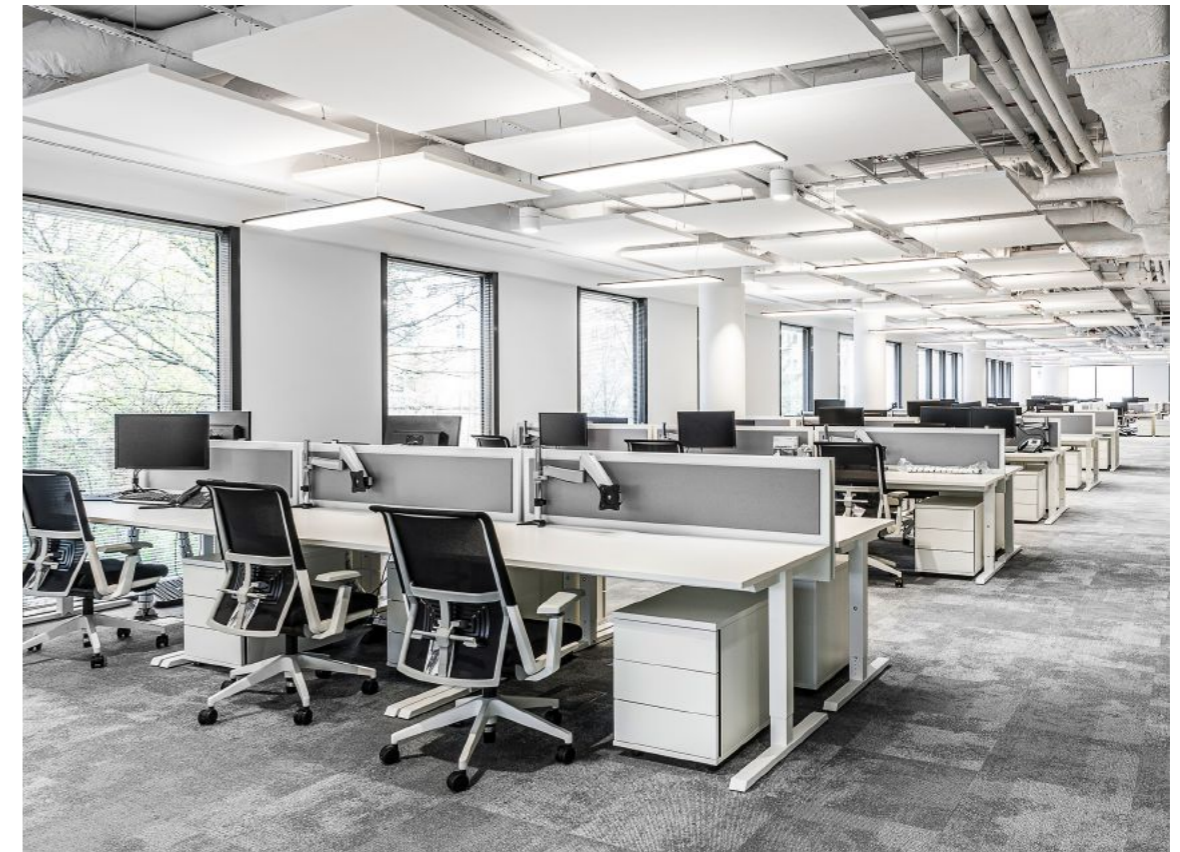
CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8 m
 Surface height 0.75 m
 Average illuminance (E_{av}) > 500 lx
 Uniformity (U₀) > 0.6



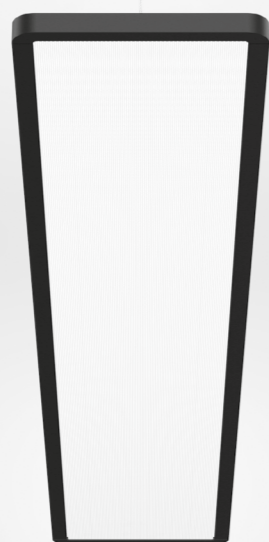
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 3000 cd/m²



Takeda Office Lodz, PL –
by The Design Group with lighting design
by Plus Lighting



← back



TASK S

suspended

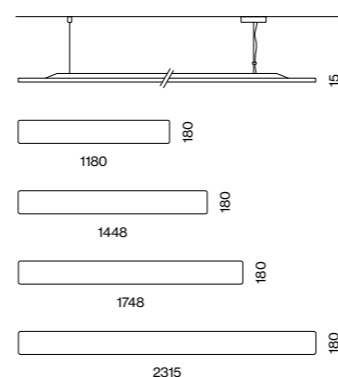
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; 1500 mm cable suspension, tool-less height adjustment; incl. transparent feed; direct or direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed downwards or up and down by laser engraving; light control via highly reflective reflector material; optional: indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

IT Corpo illuminante rettangolare in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; cavo di 1500 mm regolabile in altezza senza attrezzi; incl. cavo di alimentazione trasparente; distribuzione della luce diretta o diretta/indiretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso o in basso e su tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; in opzione: percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; rosone con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

3000K, 4000K, TW
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 126 lm/W
L95 @ 50 000 h
DALI-2
brightness & presence sensor
microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



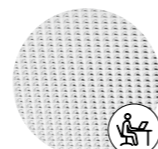
DiiA® standards
251, 252, 253



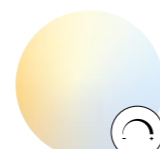
direct/indirect
illumination



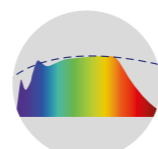
system solution
(p.812)



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION

cable 1500 mm

COLOUR TEMPERATURE

3000K 0
4000K 1
tunable white 2700–6500K*

*DALI-2 DT8; CRI ≥ 80

3000 K + TW 2700–6500 K

4000 K + TW 2700–6500 K

DALI-2 DT8 (separately controllable)

CONTROL

DALI-2 3
ESSENTIAL sensor* 7
(brightness & presence)

*version with sensor: length + 9 mm

MATERIAL COLOUR

○ pure white RAL 9010 7
● jet black RAL 9005 8
● special colours* p.992 X

*canopy always in white

LIGHT OPTIC COVER

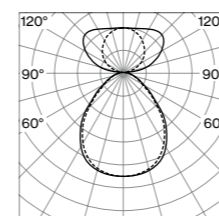
microprismatic (UGR ≤ 19)

Order options

COLOUR RENDERING INDEX

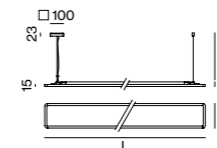
CRI ≥ 80
CRI ≥ 98 XPECTRUM

Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover microprismatic



TASK S suspended



DIRECT / INDIRECT SOFT

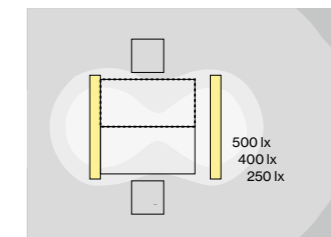
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
19.5 W	3000 K	↓ 1900 / ± 327 lm	1180	059-5254::◆◆K
	4000 K	↓ 2020 / ± 347 lm		
24.4 W	3000 K	↓ 2380 / ± 408 lm	1448	059-5255::◆◆K
	4000 K	↓ 2540 / ± 435 lm		
29.2 W	3000 K	↓ 2860 / ± 490 lm	1748	059-5256::◆◆K
	4000 K	↓ 3040 / ± 521 lm		
39 W	3000 K	↓ 3810 / ± 653 lm	2315	059-5258::◆◆K
	4000 K	↓ 4050 / ± 695 lm		



DIRECT / INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
29.6 W	3000 K	↓ 1890 / ± 1540 lm	1180	059-5264::◆◆K
	4000 K	↓ 2010 / ± 1640 lm		
28.6 W	3000 K	↓ 1890 lm	1180	059-52D403◆K
(2×DALI)	2700–6500 K	± 1490 lm		
28.6 W	4000 K	↓ 2010 lm	1180	059-52D413◆K
(2×DALI)	2700–6500 K	± 1490 lm		
36 W (2×)	2700–6500 K	± 4010 lm	1180	059-5264D◆◆K
37 W	3000 K	↓ 2360 / ± 1920 lm	1448	059-5265::◆◆K
	4000 K	↓ 2520 / ± 2050 lm		
36 W	3000 K	↓ 2360 lm	1448	059-52D50◆◆K
(2×DALI)	2700–6500 K	± 1860 lm		
36 W	4000 K	↓ 2520 lm	1448	059-52D51◆◆K
(2×DALI)	2700–6500 K	± 1860 lm		
44 W (2×)	2700–6500 K	± 5010 lm	1448	059-5265D◆◆K
44 W	3000 K	↓ 2840 / ± 2310 lm	1748	059-5266::◆◆K
	4000 K	↓ 3020 / ± 2460 lm		
43 W	3000 K	↓ 2840 lm	1748	059-52D60◆◆K
(2×DALI)	2700–6500 K	± 2230 lm		
43 W	4000 K	↓ 3020 lm	1748	059-52D61◆◆K
(2×DALI)	2700–6500 K	± 2230 lm		
53 W (2×)	2700–6500 K	± 6010 lm	1748	059-5266D◆◆K
59 W	3000 K	↓ 3780 / ± 3080 lm	2315	059-5268::◆◆K
	4000 K	↓ 4030 / ± 3270 lm		
57 W	3000 K	↓ 3780 lm	2315	059-52D80◆◆K
(2×DALI)	2700–6500 K	± 2970 lm		
57 W	4000 K	↓ 4030 lm	2315	059-52D81◆◆K
(2×DALI)	2700–6500 K	± 2970 lm		
71 W (2×)	2700–6500 K	± 8010 lm	2315	059-5268D◆◆K

Technical data



TASK S suspended, 1748 mm
44 W, 4000 K, direct/indirect power

ROOM VALUES

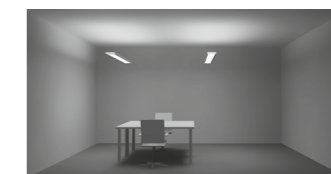
Room dimensions 5.4 × 4 × 2.8 m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Suspension height 2.25 m

CALCULATION SURFACE

Surface dimensions 1.6 × 0.8 m
Surface height 0.75 m
Average illuminance (E_m) > 500 lx
Uniformity (U₀) > 0.6

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19



Dr. Schaer Burgstall, IT –
by monovolume architecture+
design with lighting design by
VON LUTZ - electrical and
lighting projects / Alexa von Lutz



back



TASK

wall

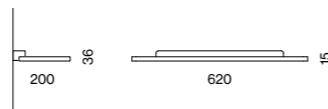
EN Rectangular housing made of aluminium with rounded edges; ultra low-profile design (only 15 mm); surface powder coated; suitable for wall mounting; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; light control via highly reflective reflector material; indirect component with special PCBs with asymmetrical light distribution; for optimum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante rettangolare in alluminio con bordi arrotondati; forma ultrapiatta (solo 15 mm); verniciatura a polvere; montaggio a parete; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; direzionamento della luce con materiale del riflettore altamente riflettente; percentuale indiretta con piastre dedicate a distribuzione asimmetrica della luce; per un'illuminazione ottimale del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 125 lm/W
 L90 @ 50 000h
 DALI-2
 microprismatic (UGR ≤ 16)

Type



Colours



Light distribution



asymmetrical ceiling
illumination

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

microprismatic (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 80



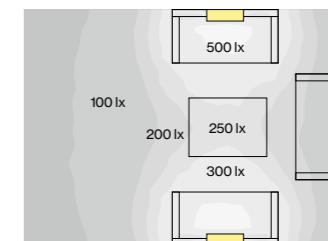
TASK wall



DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
46 W	3000 K	↓ 1850 / ↑ 3530 lm	0 5 9 - 2 0 3 2 :: 3 ▣ Z
	4000 K	↓ 1970 / ↑ 3760 lm	

Technical data



TASK wall
 46 W, 4000 K, direct/indirect power

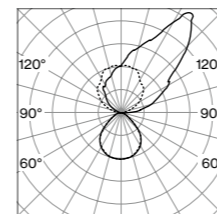
ROOM VALUES
 Room dimensions 5,4 × 4,0 × 2,8 m
 Reflection factor 0,7 | 0,5 | 0,2
 Maintenance factor 0,8
 Mounting height 2,25 m

CALCULATION SURFACE
 Surface dimensions Floor
 Surface height 0 m

GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19



Light distribution



microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic

Lobby
Visualisation



← back



TASK

free standing

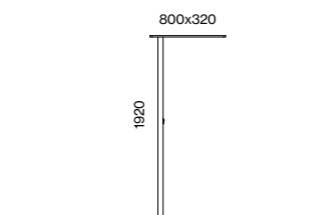
Free standing luminaire with rectangular luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution by LGP body (Light Guiding Prism); side coupled light, directed up and down by laser engraving; optional: indirect component with special PCBs for increased luminous flux; optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3 m) with safety plug

Piantana di alluminio con testata rettangolare e bordi arrotondati; forma ultrapiatta (solo 15 mm); stelo rettangolare; piedistallo con apertura per piede tavolo; verniciatura a polvere; distribuzione della luce diretta/indiretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente direzionata in basso e e su tramite incisione laser; opzionale: componente di luce indiretta con piastre proprie per un flusso luminoso potenziato; opzionale: componente di luce indiretta con piastre proprie inclinate per un'emissione asimmetrica; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; interruttore integrato nello stelo; incl. cavo di collegamento (3 m) con spina Schuko

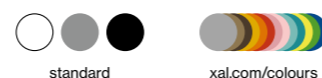
Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 129 lm/W
 L90 @ 50 000 h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

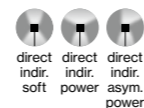
Type



Colours



Light distributions



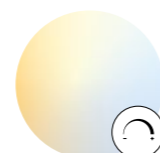
suitable for double workstation



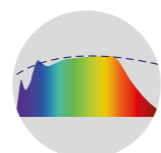
SENSE sensor on request



control by touch DIM on pole



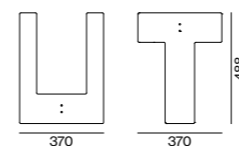
tunable white 2700–6500 K



CRI ≥ 98 XPECTRUM

Order options

BASE PLATE	
U-shape	4
T-shape	5



COLOUR TEMPERATURE	
3000 K	0
4000 K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
pure white RAL 9010	7
white aluminium RAL 9006	6
jet black RAL 9005	8
special colours p. 992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

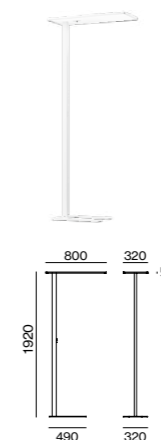
COLOUR TEMPERATURE	
tunable white 2700–6500 K indir.	

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO ₂)	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	

MOUNTING	
table system	

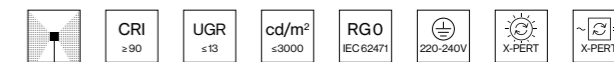
LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover microprismatic



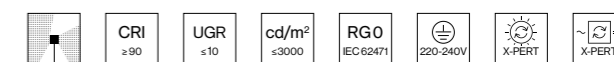
TASK free standing



DIRECT / INDIRECT SOFT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
71 W	3000 K	↓ 4100 / ↑ 3350 lm	0 5 9 - 2 9 U 3 :: ⇄ Z
	4000 K	↓ 4370 / ↑ 3560 lm	

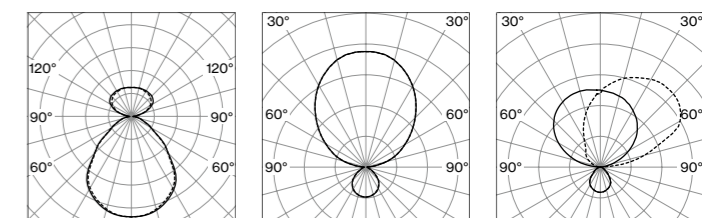


DIRECT / INDIRECT POWER		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
80 W	3000 K	↓ 2400 / ↑ 7330 lm	0 5 9 - 2 9 U 2 :: ⇄ Z
	4000 K	↓ 2550 / ↑ 7800 lm	



DIRECT / INDIRECT ASYMMETRIC POWER		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
97 W	3000 K	↓ 1900 / ↑ 9300 lm	0 5 9 - 2 9 U 1 :: ⇄ Z
	4000 K	↓ 2030 / ↑ 9960 lm	

Light distributions



microprismatic direct/indirect soft microprismatic direct/indirect power microprismatic direct/indirect asym. power

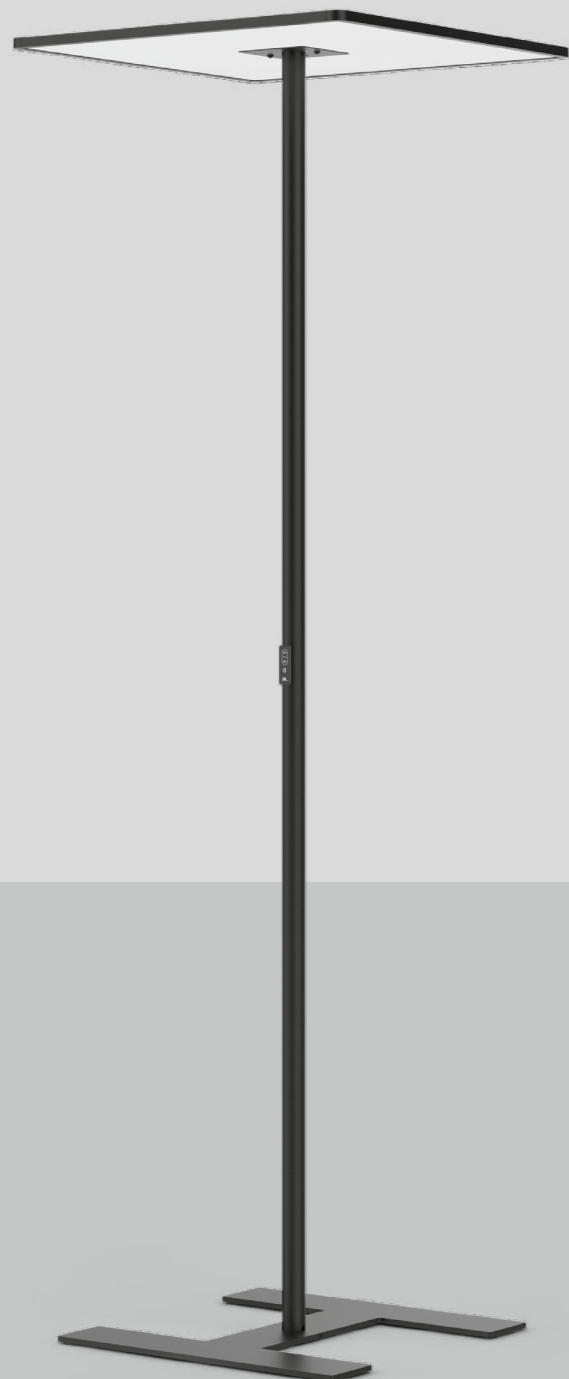
Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE
Neutor, Schabelreiter Architektur



OMV Vienna, AT



back



TASK square

free standing

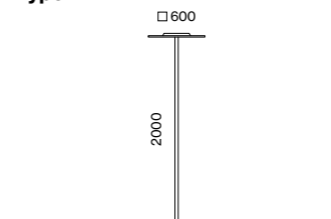
Free standing luminaire with square luminaire head made of aluminium and rounded edges; ultra low-profile design (only 15 mm); steel round downpipe; pedestal with recess for table base; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; indirect component with special PCBs for increased luminous flux and maximum ceiling illumination; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; incl. connection cable (3m) with safety plug

Piantana di alluminio con testata quadrata e bordi arrotondati; forma ultrapiatta (solo 15 mm); stelo di acciaio rotondo; piedistallo con apertura per piede tavolo; verniciatura a polvere; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; percentuale indiretta con piastre a flusso luminoso potenziato e massima illuminazione del soffitto; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; interruttore integrato nello stelo; incl. cavo di collegamento (3m) con spina Schuko

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 143 lm/W
 L90 @ 50 000 h
 touch DIM on pole
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

Type



Colours



Light distribution

direct
indirect

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
pure white RAL 9010	7
white aluminium RAL 9006	6
jet black RAL 9005	8
special colours p. 992	X

LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

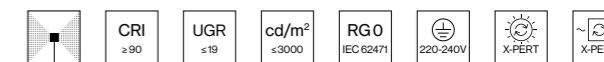
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	
CRI ≥ 98 XPECTRUM	

CONTROL	
dynamic daylight control	



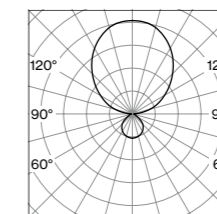
TASK square free standing



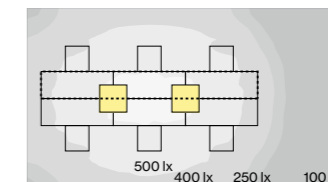
DIRECT / INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
92W	3000K	↓ 2280 / ↑ 10000 lm	0 5 9 - 2 9 3 2 :: ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩
	4000K	↓ 2420 / ↑ 10700 lm	

Light distribution

microprismatic
direct / indirect power

Technical data



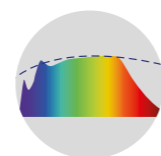
TASK square free standing
 92 W, 4000K, direct / indirect power

ROOM VALUES	
Room dimensions	7.2 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	4.8 × 0.6 m
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° ≤ 3000 cd/m ²	

suitable for
fourfold workstationcontrol by touch
DIM on poleCRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover microprismatic





Fricke Verwaltung Heeslingen, DE –
lighting design by LUV Interior Hamburg

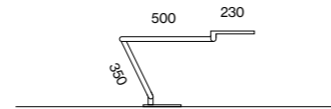


back

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 92lm/W
 L90 @ 50 000h
 DIM via optical sensor (10–100%)
 presence sensor
 opal

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

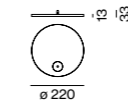
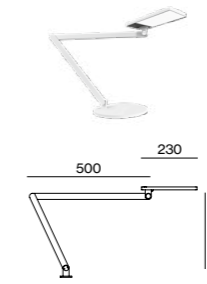
opal

Options on request

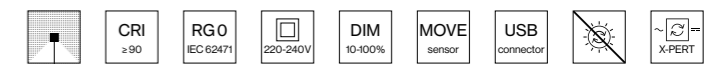
COLOUR RENDERING INDEX
 CRI ≥ 80

MOUNTING

table clamp, wall fastening



TASK table



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11W	3000K	950lm	0 5 9 - 2 8 1 1 1 7 <input checked="" type="checkbox"/> <input type="checkbox"/>
	4000K	1010lm	

Accessories

BASE PLATE

TYPE	Ø-H (mm)	ORDER CODE
base plate	Ø220-13	0 5 9 - 2 8 9 1 1 1 <input checked="" type="checkbox"/>

TABLE CLAMP for hole ø68mm, 10–30mm range

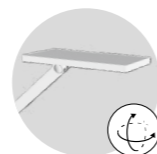
TYPE	Ø-H (mm)	ORDER CODE
table clamp	Ø75-77-88	0 5 9 - 2 8 9 2 1 1 <input checked="" type="checkbox"/>

TASK

table

^{EN} Desk lamp in puristic design with high functionality; lamp head 360° rotatable and +/- 15° tiltable; surface powder coated; direct light distribution by LGP body (Light Guiding Prism); side coupled light directed downwards by laser engraving; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; continuously adjustable dimming via optical sensor (10-100% analog); integrated USB charging socket for charging of a smart device; version with presence detector

Apparecchio da scrivania di design sobrio ed elevata funzionalità; testata girevole di 360° e orientabile di +/- 15°; verniciatura a polvere; distribuzione della luce diretta con sistema LGP-Body (Light Guiding Prism); luce convogliata lateralmente e direzionata in basso tramite incisione laser; illuminazione assolutamente omogenea; LED ad efficienza energetica con elevata resa cromatica; dimming continuo con sensore ottico (10-100% analogico); con porta USB per caricare smart devices; modello con segnalatore di presenza



360° rotatable,
±15° tiltable



presence
sensor



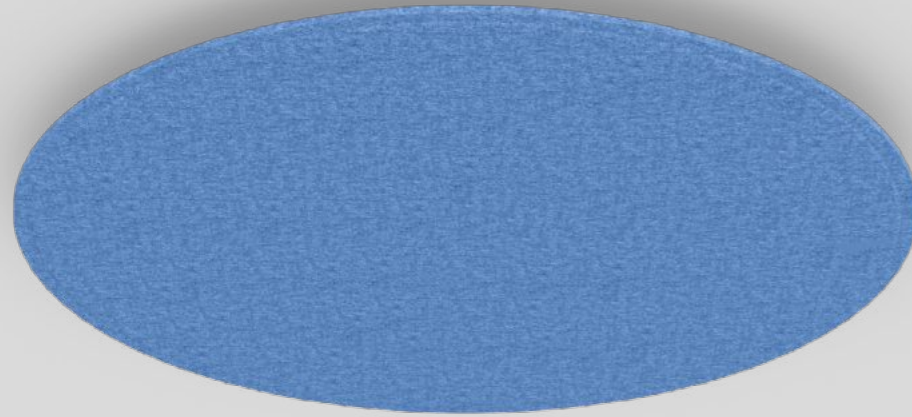
USB charging
socket

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, cover opal



WKO Vienna, AT –
by Architekturconsult
with lighting design by Hailight
Lichtplanung, Andreas Haidegger





TASK

acoustic elements

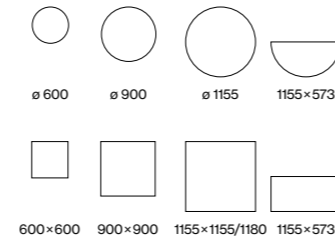
^{EN} Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; different versions: choice of round, square, half round or rectangular design; high-quality visual and tactile surface; direct sound is absorbed by the front-mounted fleece, sound reflected from the ceiling/wall by an additional, rear-mounted fleece; this creates high acoustic performance; choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

Elemento acustico in feltro prodotto con PET riciclato di alta qualità, autoportante e con proprietà fonoassorbenti; diverse versioni: forma a scelta tra rotonda, quadrata, semicircolare o rettangolare; finitura con caratteristiche estetiche e tattili di alta qualità; assorbimento del suono diretto grazie al tessuto non tessuto anteriore e assorbimento del suono riflesso dal soffitto/parete mediante tessuto non tessuto aggiuntivo posto sul retro; con elevata performance acustica; a scelta tra versione applicata o sospesa con cavo a sospensione; regolazione in altezza senza attrezzi sull'elemento acustico

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A
 🔥 available as B-s1, d0

Types



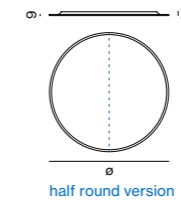
Colours



Order options

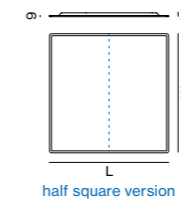
MOUNTING	
surface	1
cable suspension 1500 mm	2

MATERIAL COLOUR	
○ white	W
● marble grey	D
● felt grey	G
● black	L
🌈 special colours 📄 p.992	X



TASK ACOUSTIC round

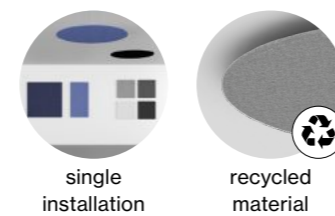
ACOUSTIC ELEMENT	Ø-H (mm)	ORDER CODE
TYPE		
600 round	600-30	059-579-34
900 round	900-30	059-579-35
1200 round	1155-30	059-579-36
1200 half round	1155-573-30	059-579-46



TASK ACOUSTIC square

ACOUSTIC ELEMENT	L-W-H (mm)	ORDER CODE
TYPE		
600 square	600-600-30	059-579-14
900 square	900-900-30	059-579-15
1200 square	1155-1155-30	059-579-16
1200 square wide*	1155-1180-30	059-579-66
1200 half square	1155-573-30	059-579-26

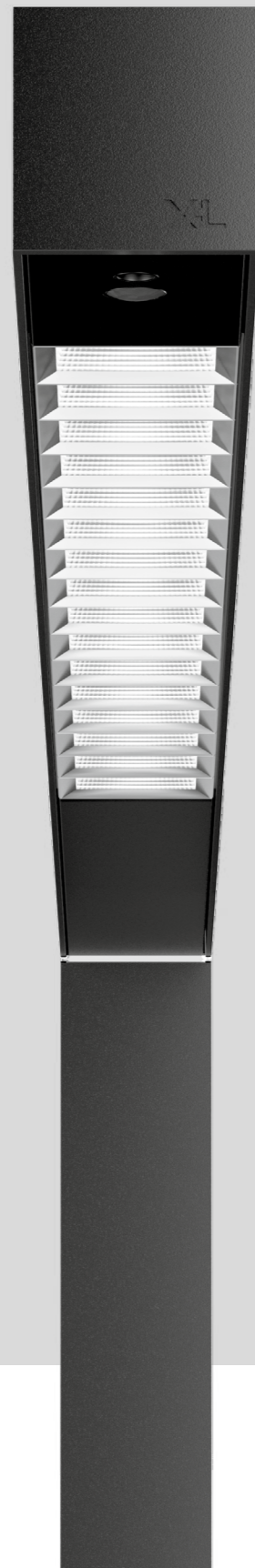
*for combination with TASK linear system & TASK S suspended





Meeting room
Visualisation

Slim and smart office light

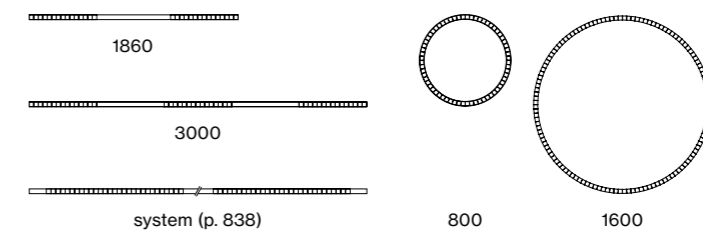


BETO

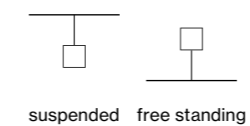
EN Extremely slim and powerful – BETO combines technical excellence with subtle, minimalist design. The BETO product family is available as free-standing luminaires, or a suspended version. All versions have custom reflectors for the best screen-appropriate working light; as a free-standing luminaire, ideally suited for single or double workstations, and in a matching suspended version for double or quadruple workstations. Circle and square luminaires complete the series. Free-standing and suspended versions have an indirect light component for ceiling illumination. The colour rendering value of up to $CRI \geq 98$ crafts a pleasant atmosphere. BETO comes in 3000 K or 4000 K light colours, or as a Tunable White option. The luminaire can be fitted with a presence and brightness sensor or a SENSE sensor which measures temperature, air quality, humidity, and noise levels. This allows the lighting to be adapted to the activities in the office while reducing energy costs.

IT Ultrasottile ma potente: BETO unisce l'eccellenza tecnica a un raffinato design minimalista. La linea di prodotti BETO è disponibile in variante a piantana oppure a sospensione. Tutti i modelli possiedono un riflettore speciale ottimizzato per le postazioni di lavoro computerizzate. La piantana è ideale per scrivanie singole o doppie, mentre la variante a sospensione illumina efficacemente postazioni doppie o anche quadruple. La serie si completa con modelli circolari e quadrati. Le piantane e le sospensioni emettono una componente di luce indiretta proiettata sul soffitto. L'atmosfera è gradevole anche grazie all'indice di resa cromatica da fino a $CRI \geq 98$. BETO è disponibile in temperatura di colore 3000 K, 4000 K oppure con l'opzione Tunable White. Inoltre, si può scegliere il modello con sensore di movimento e luminosità o anche con un sensore SENSE che in aggiunta rileva temperatura, qualità dell'aria, umidità e livello di rumore. In tal caso l'illuminazione si adatta al contesto e allo stesso tempo si riducono i consumi energetici.

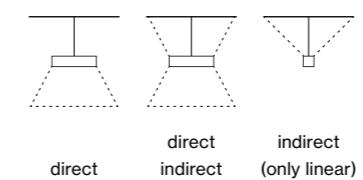
Types



Mountings



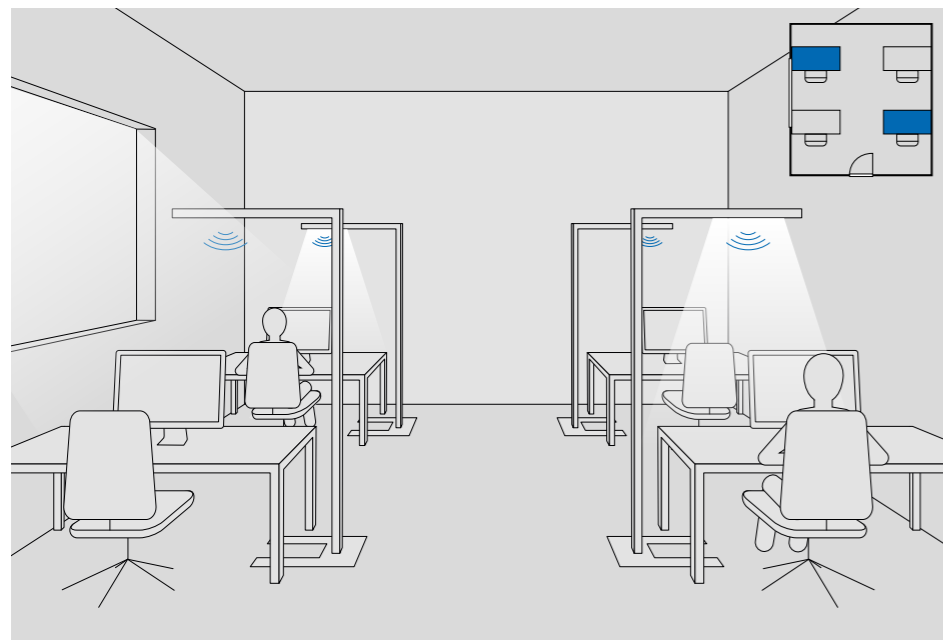
Light distributions



Variety

EN The BETO office luminaire series' elegant appearance combines successful room design with the best workplace lighting. As a free-standing luminaire, as a suspended luminaire, or as a system version – BETO offers a multifunctional lighting solution for a homogeneous appearance.

IT La serie di apparecchi BETO Office è espressione di design elegante abbinato a un'illuminazione della miglior qualità per i posti di lavoro. BETO è disponibile in variante a piantana, a sospensione o anche sistema di moduli. Pertanto BETO consente di realizzare una soluzione illuminotecnica multifunzionale mantenendo un aspetto d'insieme unitario.



ESSENTIAL sensor

- brightness
- presence



IoT ready

SENSE sensor

- brightness
- presence
- temperature
- humidity
- sound pressure
- CO₂

Advanced sensor technology

EN A presence sensor controls the light at the workplace depending on the presence of an individual. In addition, a brightness sensor adjusts the light intensity to the ambient brightness. The SENSE version also measures values such as temperature, air quality, humidity, and noise level. These data provide important insights into the conditions and use of rooms and support energy savings in the long term. The sensor data is transmitted via DALI. The SENSE sensor is IoT ready and enables data transmission via WLAN.

IT Un sensore di movimento regola la luce sul posto di lavoro in base alla presenza di persone. A questo si aggiunge un fotosensore che dosa l'illuminazione adattandola alla luminosità circostante. La variante SENSE rileva anche valori come temperatura, qualità dell'aria, umidità e livello di rumore. Questi dati forniscono informazioni importanti sull'uso e sulle condizioni degli ambienti ma tornano utili anche per un risparmio energetico a lungo termine. I dati dei sensori vengono trasmessi via DALI. Il sensore SENSE è pronto per l'IoT e permette la trasmissione dei dati via WLAN.

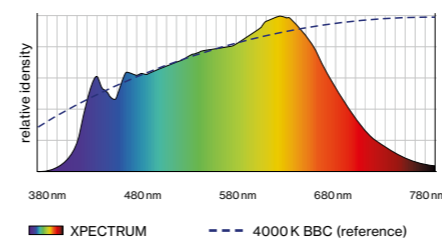


Work-friendly light

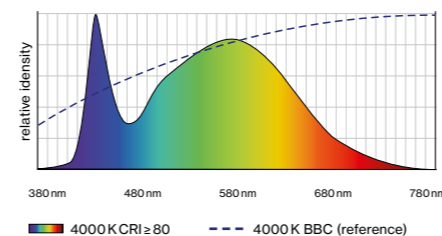
EN As an office luminaire, BETO guarantees illumination that is compliant with workplace standards (up to UGR ≤ 13). Custom glare-free reflectors and the selected use of blind covers direct the light precisely to the work surface and reduce reflections. The direct/indirect version comes with special lens technology that distributes the indirect light component homogeneously and broadly into the room.

IT Concepito specificamente per il lavoro in ufficio, BETO assicura un'illuminazione a norma dei posti di lavoro (fino a UGR ≤ 13). I riflettori a schermatura speciale e l'uso mirato di blind-covers guidano la luce concentrandola sul piano di lavoro e riducendo i riflessi. La variante a luce diretta/indiretta possiede un'apposita ottica lenticolare che diffonde la componente indiretta a fascio molto largo ed omogeneo.

XPECTRUM LED



Commercially available LED 4000K

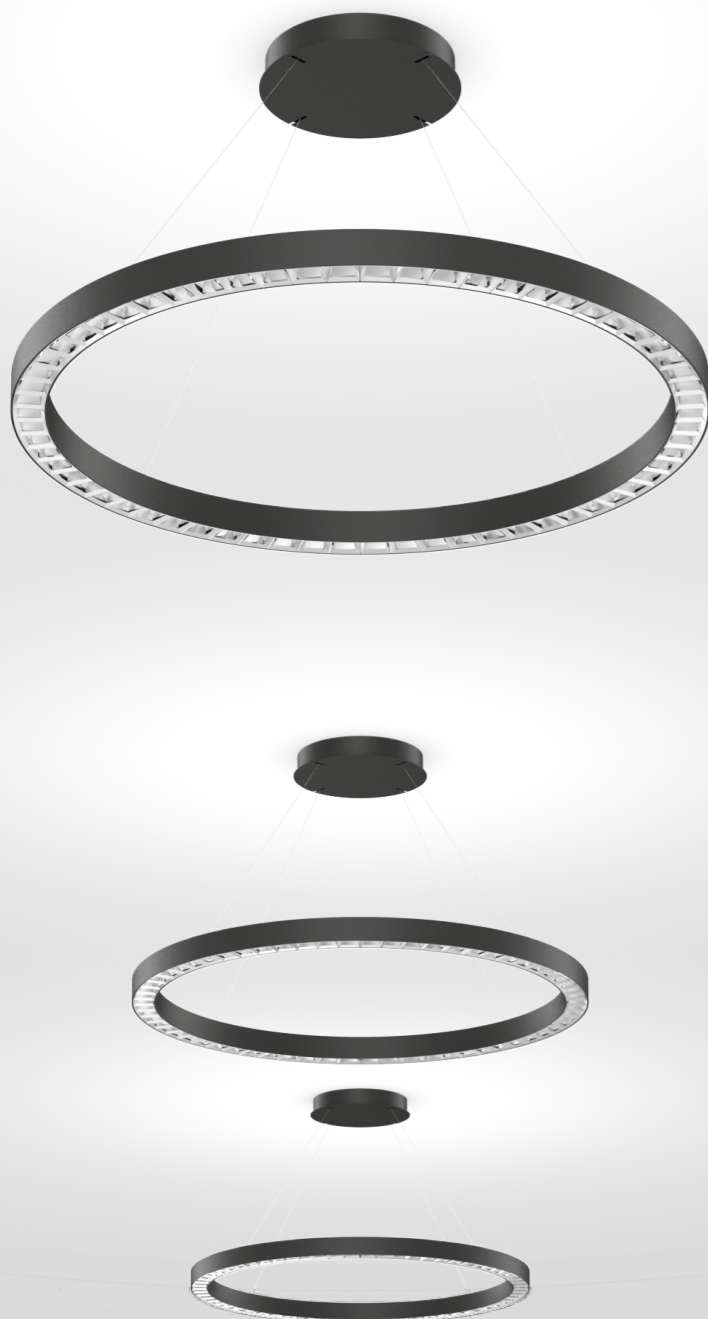


Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 R_f = 98 and R_g = 101 further helps visual comfort.

IT Il nuovo XPECTRUM LED di XAL assicura una luce sana con efficacia biologica. Lo spettro riduce le componenti azzurre e aumenta invece il ciano, con il risultato di una luce simile a quella diurna in cui i rischi per gli occhi dell'azzurro sono contenuti al minimo. Ne consegue un effetto non visivo, chiamato anche melanopico, che favorisce la concentrazione e migliora la qualità del sonno. Inoltre l'eccellente resa cromatica IES TM 30-15 R_f = 98 e R_g = 101 migliora il comfort visivo.

← back



BETO circle

suspended

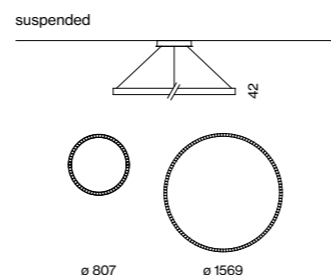
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; extremely slim design (only 42 x 42 mm); surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct or direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante circolare in profilo di alluminio estruso rullato e senza punti di saldatura; forma estremamente sottile (solo 42 x 42 mm); verniciatura a polvere; sospeso con cavo a sospensione; regolazione altezza senza utensili; con cavo di alimentazione trasparente; alimentatore elettronico montato nel rosone; profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; emissione diretta o diretta/indiretta; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 145 lm/W
 L90 @ 50 000 h
 DALI-2
 reflector (UGR ≤ 19)

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500 K*	D
*DALI-2 DT8	

CONTROL

DALI-2

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

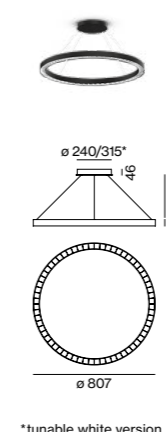
reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CONTROL

Casambi



BETO circle 800 suspended

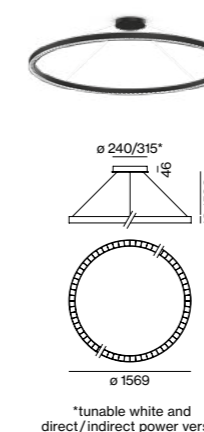


DIRECT			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
52W	3000K	6720 lm	074-7403::3 R
	4000K	7080 lm	



DIRECT / INDIRECT POWER			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
97W	3000K	↓ 6690 / ± 6400 lm	074-7443::3 R
	4000K	↓ 7080 / ± 6780 lm	

*tunable white version



BETO circle 1600 suspended



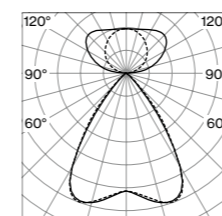
DIRECT			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	13400 lm	074-7404::3 R
	4000K	14200 lm	



DIRECT / INDIRECT POWER			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
190W	3000K	↓ 13400 / ± 12800 lm	074-7444::3 R
	4000K	↓ 14200 / ± 13600 lm	

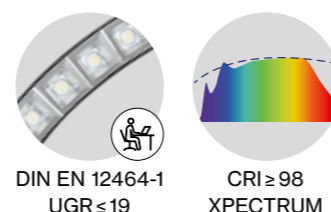
tunable white on request

Light distribution



reflector (UGR ≤ 19)
 direct/indirect power

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, reflector chrome



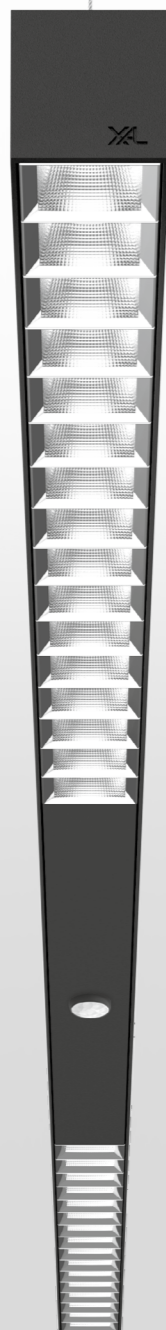
ALLPLAN Österreich GmbH
Graz, AT



Office OSTA
Harelbeke, BE



← back



BETO

suspended

EN Luminaire housing from extruded aluminium profile, angular design; extremely slim design (only 42 x 42 mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; forma estremamente sottile (solo 42 x 42 mm); nessuna vite visibile; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; emissione diretta/indiretta; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto, a scelta con comandi separati; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80, 3 SDCM
 UGR ≤ 16 / 65° ≤ 1500 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 16)

Types



Colours



Light distributions



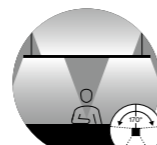
DiiA® standards
 251, 252, 253



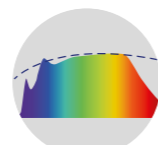
DIN EN 12464-1
 UGR ≤ 19



system
 solution (p. 838)



glare-free direct
 and 170° indirect
 illumination



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6
tunable white 2700–6500K*	
*DALI-2 DT8	
3000K + TW 2700–6500K*	
4000K + TW 2700–6500K*	
*DALI-2 DT8 (separately controllable)	

CONTROL	
DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7
*not for tunable white 1857 mm; not for indirect power	

MATERIAL COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
reflector (UGR ≤ 16)	

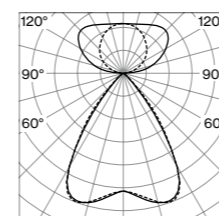
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

CONTROL	
Casambi	

TUNABLE WHITE	
direct light static 3000K or 4000K and indirect light tunable 2700–6500K	

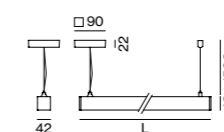
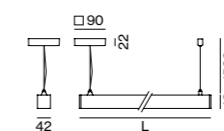
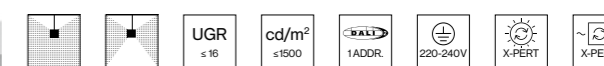
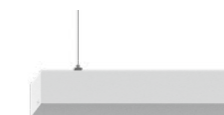
Light distribution



reflector (UGR ≤ 16)
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, reflector chrome

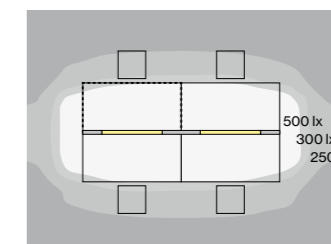
BETO suspended



INDIRECT POWER				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
63W	3000K	± 7680lm	3457	074-62N9
60W	4000K	± 8120lm		
	2700–6500K	± 7020lm	3457	074-62N9D

DIRECT / INDIRECT POWER				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55W	3000K	↓ 3350 / ± 3580lm	1857	074-6246
	4000K	↓ 3540 / ± 3790lm		
54W	3000K	↓ 3350lm	1857	074-62D654
(2×DALI)	2700–6500K	± 3120lm		
54W	4000K	↓ 3540lm	1857	074-62D664
(2×DALI)	2700–6500K	± 3120lm		
56W (2×)	2700–6500K	± 7030lm	1857	074-6246D
91W	3000K	↓ 5020 / ± 7160lm	3057	074-6249
	4000K	↓ 5310 / ± 7580lm		
90W	3000K	↓ 5020lm	3057	074-62D954
(2×DALI)	2700–6500K	± 6240lm		
90W	4000K	↓ 5310lm	3057	074-62D964
(2×DALI)	2700–6500K	± 6240lm		
93W (2×)	2700–6500K	± 12250lm	3057	074-6249D

Technical data



BETO suspended, 91W, 4000K
 direct/indirect power

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
65° < 1500 cd/m²	

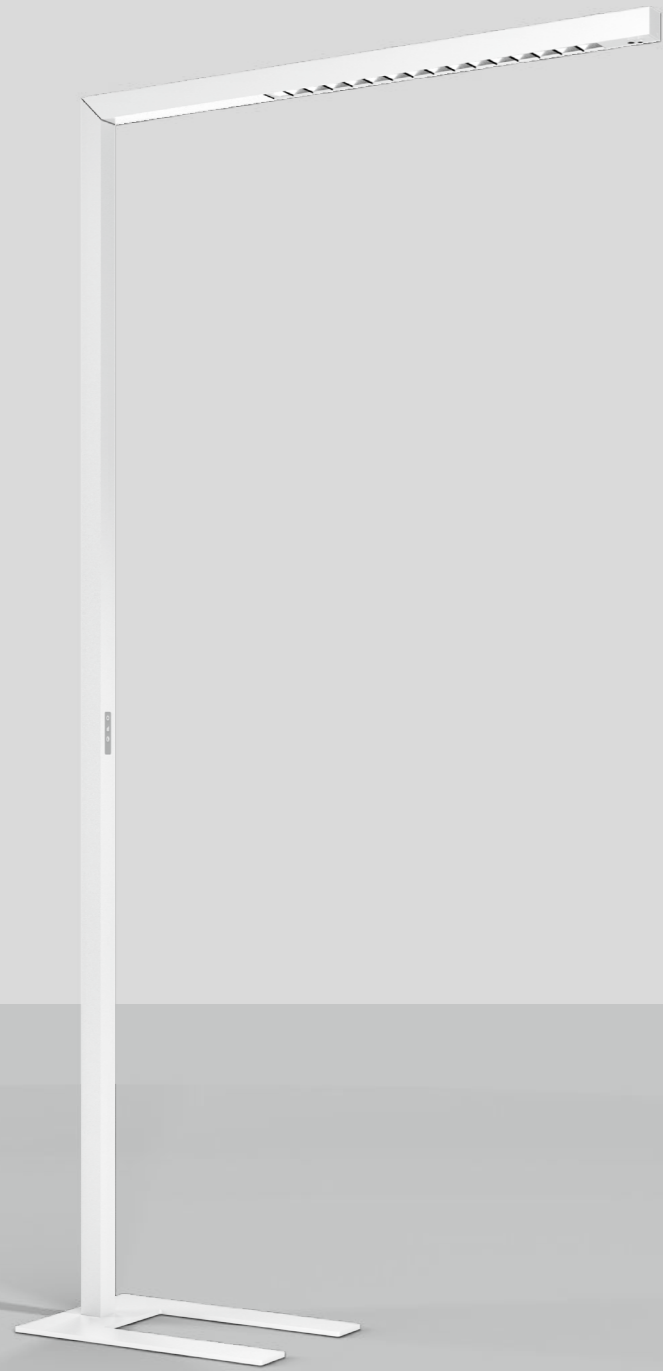
Creative Lab Barcelona, ES –
lighting design by MMAS Lighting



Granitlab Coworking St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



back



reddot winner 2020

BETO

free standing

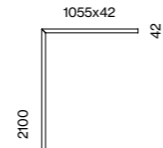
Free standing luminaire from extruded aluminium profile in angular design; extremely slim design (only 42 x 42 mm); rectangular downpipe; pedestal with recess for table base; surface powder coated; direct/indirect light distribution; direct light component with high-gloss reflector + faceted design and asymmetric radiation characteristic; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering; switch installed in the downpipe; presence sensor detection range \varnothing 4.5 m on the floor (variant brightness & presence sensor); incl. connection cable (3m) with safety plug

Apparecchio verticale in profilo in alluminio estruso, modello con design angolare; forma estremamente sottile (solo 42 x 42 mm); stelo quadrato; piedistallo con apertura per piede tavolo; verniciatura a polvere; emissione diretta/indiretta; componente luce diretta con riflettore ad alta lucentezza con design sfaccettato ed emissione asimmetrica; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto; LED ad efficienza energetica con elevata resa cromatica; interruttore integrato nello stelo; sensore di presenza con raggio di rilevamento \varnothing 4,5 m sul pavimento (variante brightness & presence sensor); incl. cavo di collegamento (3m) con spina Schuko

Quickinfo

3000K, 4000K
 CRI \geq 80, 3 SDCM
 up to 127lm/W
 L90 @ 50 000h
 touch DIM
 brightness & presence sensor
 reflector (UGR \leq 13)

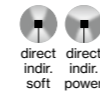
Type



Colours



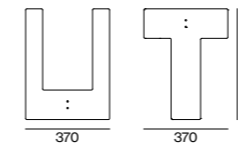
Light distributions



Order options

BASE PLATE

U-shape	4
T-shape	5



COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

touch DIM on pole	1
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR

pure white RAL 9010	7
jet black RAL 9005	8
special colours p.992	X

LIGHT OPTIC COVER

reflector (UGR \leq 13)

Options on request

COLOUR RENDERING INDEX

CRI \geq 90	
CRI \geq 98 XPECTRUM	

COLOUR TEMPERATURE

tunable white 2700–6500 K

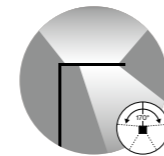
DALI-2 DT8

CONTROL

SENSE sensor (brightness, presence, temperature, sound pressure, humidity, CO₂)
 cluster network DIM
 dynamic daylight control (BPI)
 Zigbee 3.0



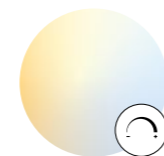
lighting control by touch DIM on pole



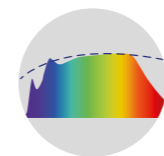
asymmetric illumination



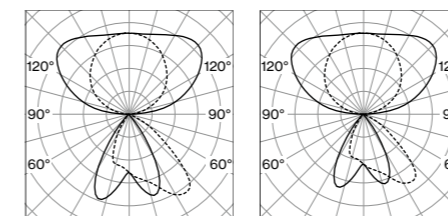
SENSE sensor on request



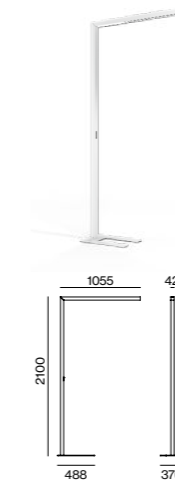
tunable white 2700–6500 K

CRI \geq 98 XPECTRUM

Light distributions

reflector (UGR \leq 13)
direct/indirectreflector (UGR \leq 13)
direct/indirect power

LUMINOUS FLUX value calculated for CRI \geq 80, colour white, reflector chrome



BETO free standing



DIRECT/INDIRECT SOFT

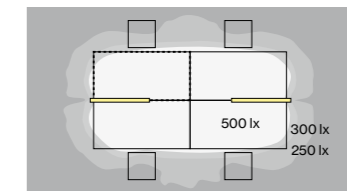
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
59 W	3000 K	↓ 1850/↑ 5240 lm	0 7 4 - 6 9 4 U :: \diamond R
	4000 K	↓ 1950/↑ 5550 lm	



DIRECT/INDIRECT POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
76 W	3000 K	↓ 2090/↑ 6920 lm	0 7 4 - 6 9 5 U :: \diamond R
	4000 K	↓ 2210/↑ 7330 lm	

Technical data



BETO free standing, 76W, 4000K
 direct/indirect power

ROOM VALUES

Room dimensions	5.4 x 4 x 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	1.6 x 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	\leq 19
UGR axial	\leq 19



Tribünen der Trabrennbahn
Vienna, AT





Tribünen der Trabrennbahn
Vienna, AT

ALLPAN Österreich GmbH
Graz, AT



The art of round efficiency

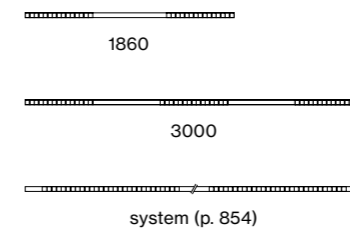


SETA

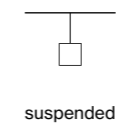
EN The SETA luminaire was developed specifically for office environments. Its sleek design and powerful illumination are impressive. Special reflectors provide the ideal screen work light. The integrated indirect light component creates homogeneous ceiling illumination; the colour rendering value of up to $\text{CRI} \geq 98$ ensures a pleasant room and work atmosphere. SETA can be used as a pendant luminaire for double and quadruple workstations, and can optionally be equipped with a presence and brightness sensor. SETA is the optimum for minimalist design, excellent technology, and low energy costs. The luminaire comes in light colours 3000K, 4000K, or Tunable White.

IT L'apparecchio SETA è studiato appositamente per gli ambienti degli uffici. Convince in pieno per l'essenzialità del design, la scelta di colori personalizzati e l'illuminazione di potenza. I riflettori di costruzione speciale assicurano una luce ideale per lavorare al computer. Non manca una componente di luce indiretta che diffonde sul soffitto una luminosità omogenea. A ciò si aggiunge un indice di resa cromatica fino a $\text{CRI} \geq 98$, garante di una piacevole atmosfera di lavoro. L'apparecchio SETA si può montare in sospensione sopra scrivanie doppie e quadruple. In opzione può essere dotato di sensori di presenza e luminosità. Il modello SETA è quello ideale in termini di design minimalista, tecnica eccellente e costi energetici ridotti. L'apparecchio è disponibile con luce di tonalità 3000K, 4000K oppure Tunable White.

Types

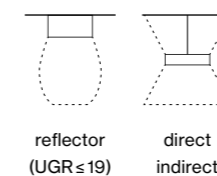


Mounting



suspended

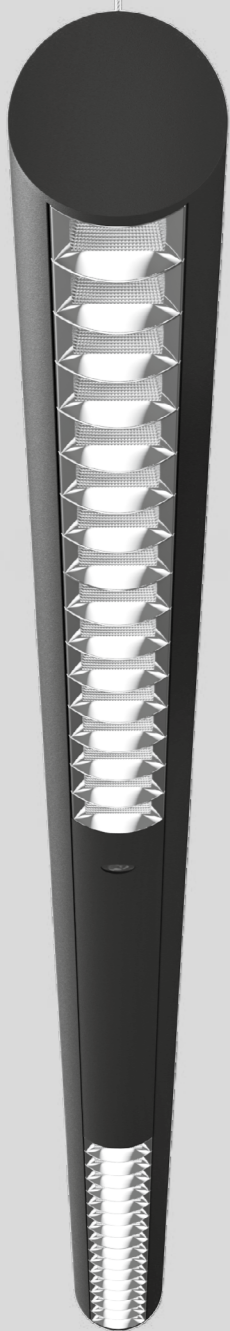
Light distributions



reflector
($\text{UGR} \leq 19$)

direct
indirect

← back



SETA

suspended

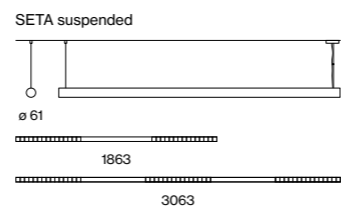
EN Luminaire housing from extruded aluminium profile, round design; extremely slim design (only $\varnothing 61$ mm); no visible screws; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; extruded profile for improved thermal management; high-gloss reflector with faceted design; direct/indirect light distribution; indirect light component with integrated PC boards and high-quality lens system for maximum, homogeneous ceiling illumination, optionally separately controllable; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello rotondo; forma estremamente sottile (solo $\varnothing 61$ mm); nessuna vite visibile; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; emissione diretta/indiretta; luce indiretta con chip dedicati e ottica lenticolare d'alta qualità, per una luminosità estensiva ed omogenea sul soffitto, a scelta con comandi separati; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K, TW
 CRI ≥ 80 , 3 SDCM
 UGR ≤ 16 / $65^\circ \leq 1500$ cd/m²
 L 1860 up to $\downarrow 3540 / \uparrow 3790$ lm
 L 3000 up to $\downarrow 5310 / \uparrow 7580$ lm
 up to 142 lm/W
 L90 @ 50 000h
 DALI-2, DALI sensor
 reflector (UGR ≤ 16)

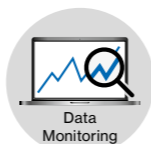
Types



Colours



Light distribution



DiiA® standards
 251, 252, 253



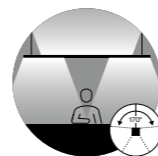
special end cap &
 reflector design



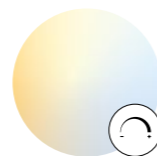
DIN EN 12464-1
 UGR ≤ 19



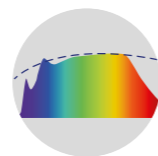
system
 solution (p.854)



glare-free direct
 and 170° indirect
 illumination



tunable white
 2700–6500 K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6
tunable white 2700–6500 K*	

*DALI-2 DT8

3000 K + TW 2700–6500 K*	
4000 K + TW 2700–6500 K*	

*DALI-2 DT8 (separately controllable)

CONTROL

DALI-2	3
DALI-2 D/I separately control.*	4
DALI sensor	7

*not for tunable white 1857 mm

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

LIGHT OPTIC COVER

reflector (UGR ≤ 16)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

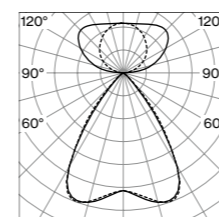
TUNABLE WHITE

direct light static 3000 K
 or 4000 K and indirect light
 tunable 2700–6500 K

MATERIAL COLOUR

grey

Light distribution



reflector (UGR ≤ 16)
 direct/indirect power

LUMINOUS FLUX value calculated for
 CRI ≥ 80 , colour white, reflector chrome

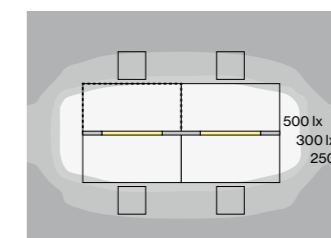
SETA suspended



DIRECT/INDIRECT POWER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
55 W	3000 K	$\downarrow 3350 / \uparrow 3580$ lm	1863	074-5246
	4000 K	$\downarrow 3540 / \uparrow 3790$ lm		
54 W (2x DALI)	3000 K	$\downarrow 3350$ lm	1863	074-52D654
	4000 K	$\downarrow 3540$ lm		
54 W (2x DALI)	2700–6500 K	$\uparrow 3120$ lm	1863	074-52D664
	2700–6500 K	$\uparrow 3120$ lm		
56 W (2x)	2700–6500 K	$\uparrow 7030$ lm	1863	074-5246D
91 W	3000 K	$\downarrow 5020 / \uparrow 7160$ lm	3063	074-5249
	4000 K	$\downarrow 5310 / \uparrow 7580$ lm		
90 W (2x DALI)	3000 K	$\downarrow 5020$ lm	3063	074-52D954
	2700–6500 K	$\uparrow 6240$ lm		
90 W (2x DALI)	4000 K	$\downarrow 5310$ lm	3063	074-52D964
	2700–6500 K	$\uparrow 6240$ lm		
93 W (2x)	2700–6500 K	$\uparrow 12250$ lm	3063	074-5249D

Technical data



SETA suspended, 91W, 4000K
 direct/indirect power

ROOM VALUES

Room dimensions	5.4 x 4 x 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25 m

CALCULATION SURFACE

Surface dimensions	1.6 x 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 $65^\circ < 1500$ cd/m²

Office
Visualisation



Quality along the line



LENO

EN The extremely flat LENO profile luminaire is surprisingly versatile. It is available as a recessed, semi-recessed or surface-mounted version for wall or ceiling mounting, in a suspended version. LENO and its microprismatic cover create ideal work light. The version with an opal cover is best suited for homogeneous room lighting. The variant with asymmetrical beam distribution illuminates walls homogeneously. LENO Jut-Out adds further ceiling illumination by employing discreet lateral radiation. By simply fixing the insets magnetically, assembly is quick and flexible.

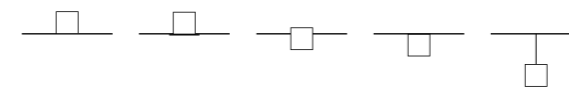
IT I sottilissimi profili luminosi LENO sorprendono per la loro versatilità. Sono disponibili per montaggio su pareti e soffitti, a incasso e semi-incasso, plafone e sospensione. disponibile anche un modello speciale per l'incasso in controsoffitti modulari Armstrong. La cover microprismatica diffonde la luce con una schermatura adatta alle postazioni di lavoro, mentre la variante opale assicura un'illuminazione omogenea. Altre opzioni sono l'emissione asimmetrica per i piani verticali e il modello LENO Jut-Out che migliora la luminosità del soffitto con una sobria diffusione laterale. Tutti i moduli si fissano con sistema magnetico, rapido e flessibile.

Type



90

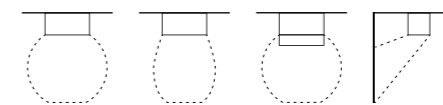
Mountings

trimless
recessedtrim
recessedsemi-
recessed

surface

suspended

Light distributions



opal

microprismatic
(UGR ≤ 19)

jut-out

wallwasher

Vaucluse House Sydney, AU –
by EST Lighting



← back



LENO

semi-recessed

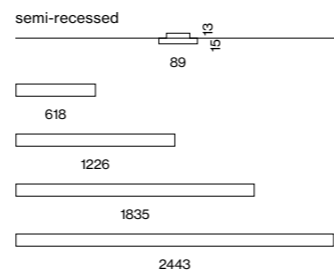
EN Low profile recessed mounted luminaire, 15 mm visible height; suitable for wall or ceiling mounting; suitable for installation in primed or exposed concrete, in plasterboard constructions and in plastered walls or ceilings; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

IT Apparecchio da incasso ultrapiatto da 15 mm di altezza visibile; per montaggio a parete o soffitto; per montaggio in cemento a vista o stuccato, in costruzioni di cartongesso e in pareti o soffitti intonacati; verniciatura a polvere; inserto luce anti-caduta in profilo di alluminio estruso, fissaggio nel canale con magnete senza bisogno di utensili; luce convogliata lateralmente e direzionata in basso con sistema LGP-Body (Light Guiding Prism) e riflettore ad alta efficienza; diffusore satinato (a filo o sporgente) o con struttura a microprismi a illuminazione omogenea in PMMA; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

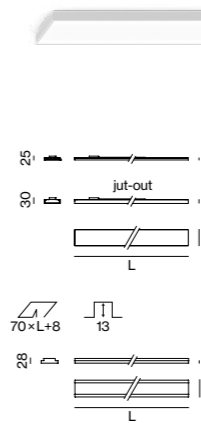
CONTROL
 DALI-2

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90



LENO semi-recessed



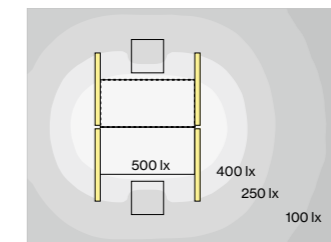
LUMINAIRE				
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230 lm	618	05 1-85 1 2 :: 3 ▣ □
19.1 W	4000K	1300 lm	1226	05 1-85 1 4 :: 3 ▣ □
28.6 W	3000K	2450 lm	1835	05 1-85 1 6 :: 3 ▣ □
38 W	4000K	2600 lm	2443	05 1-85 1 8 :: 3 ▣ □
	3000K	3680 lm		
	4000K	3890 lm		
	3000K	4900 lm		
	4000K	5190 lm		

Accessories



DISMOUNTING TOOL	
TYPE	ORDER CODE
vacuum cup	086-30000

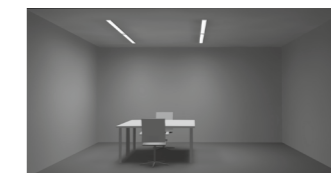
Technical data



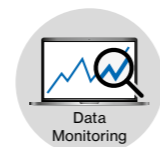
LENO semi-recessed, 19.1W, 4000K

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	>500 lx
Uniformity (U ₀)	>0.6



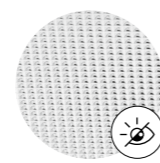
GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



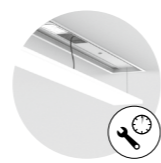
DiiA® standards
 251, 252, 253



system
 solution (p.870)



microprismatic
 UGR ≤ 19



quick
 installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%

Maunulan työväenopisto
Helsinki, FI –
by KS2 Architects



back



LENO

surface

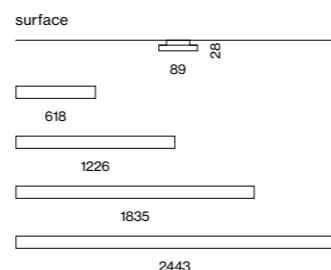
EN Low profile surface mounted luminaire, 28 mm total height; suitable for wall or ceiling mounting; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

Apparecchio a plafone ultrapiatto da 28 mm di altezza totale; per montaggio a parete o soffitto; verniciatura a polvere; inserto luce anti-caduta in profilo di alluminio estruso, fissaggio nel canale con magneti senza bisogno di utensili; luce convogliata lateralmente e direzionata in basso con sistema LGP-Body (Light Guiding Prism) e riflettore ad alta efficienza; diffusore satinato (a filo o sporgente) o con struttura a microprismi a illuminazione omogenea in PMMA; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 137lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic (UGR ≤ 19),
jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

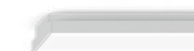
LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

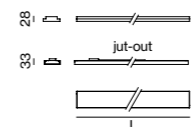
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



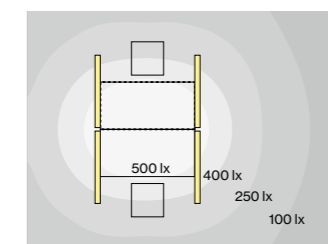
LENO surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230 lm	618	05 1-9 1 1 2 :: 3 ▣
19.1 W	4000K	1300 lm		
	3000K	2450 lm	1226	05 1-9 1 1 4 :: 3 ▣
	4000K	2600 lm		
28.6 W	3000K	3680 lm	1835	05 1-9 1 1 6 :: 3 ▣
	4000K	3890 lm		
38 W	3000K	4900 lm	2443	05 1-9 1 1 8 :: 3 ▣
	4000K	5190 lm		

Technical data



LENO surface, microprismatic,
19.1W, 4000K

ROOM VALUES

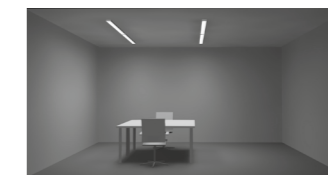
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

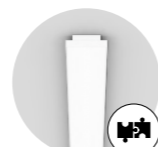
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

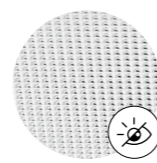
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



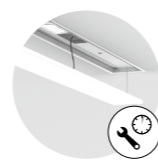
DiiA® standards
251, 252, 253



system
solution (p.874)



microprismatic
UGR ≤ 19



quick
installation

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -5%, jut-out -4%

Private Residence
Hausmannstätten, AT –
by DI Thomas Schwed



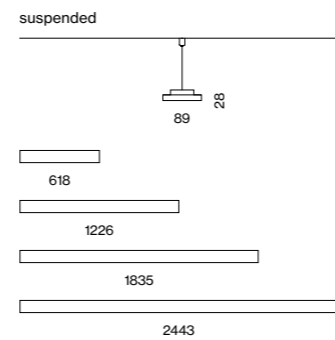
back



Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 137lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19),
 jut-out

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

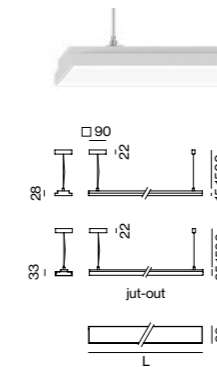
LIGHT OPTIC COVER

opal high performance	H
microprismatic (UGR ≤ 19)	G
jut-out	J

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



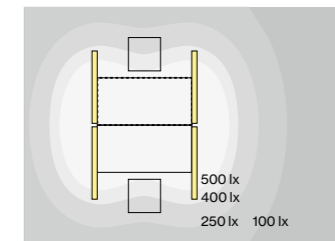
LENO suspended



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
10.8 W	3000K	1230lm	618	05 1-9 2 1 2 :: 3 ▣
19.1 W	4000K	1300lm	1226	05 1-9 2 1 4 :: 3 ▣
28.6 W	3000K	2450lm	1835	05 1-9 2 1 6 :: 3 ▣
38 W	4000K	2600lm	2443	05 1-9 2 1 8 :: 3 ▣
	3000K	3680lm		
	4000K	3890lm		
	3000K	4900lm		
	4000K	5190lm		

Technical data



LENO suspended, microprismatic,
 19.1W, 4000K

ROOM VALUES

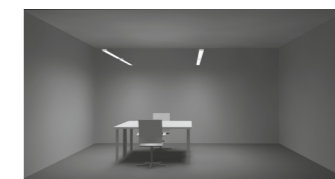
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E _m)	>500lx
Uniformity (U ₀)	>0.6

GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

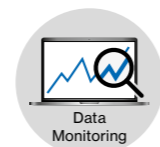


LENO

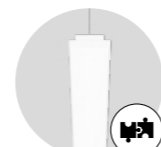
suspended

EN Low profile suspended luminaire, 28 mm total height; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; surface powder coated; fall-safe light inset made of extruded aluminium profile, can be inserted in the canal without tools by magnetic holders; side coupled light, directed downwards by LGP body (Light Guiding Prism) and highly efficient reflector; homogeneously illuminated, satinised (flush or jut-out) or microprismatic PMMA cover; energy-efficient LEDs with very good colour rendering

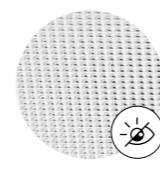
IT Apparecchio a sospensione ultrapiatto da 28 mm di altezza totale; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione trasparente; verniciatura a polvere; inserto luce anti-caduta in profilo di alluminio estruso, fissaggio nel canale con magnete senza bisogno di utensili; luce convogliata lateralmente e direzionata in basso con sistema LGP-Body (Light Guiding Prism) e riflettore ad alta efficienza; diffusore satinato (a filo o sporgente) o con struttura a microprismi a illuminazione omogenea in PMMA; LED ad efficienza energetica con elevata resa cromatica



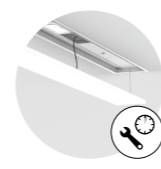
DiiA® standards
 251, 252, 253



system
 solution (p.876)



microprismatic
 UGR ≤ 19



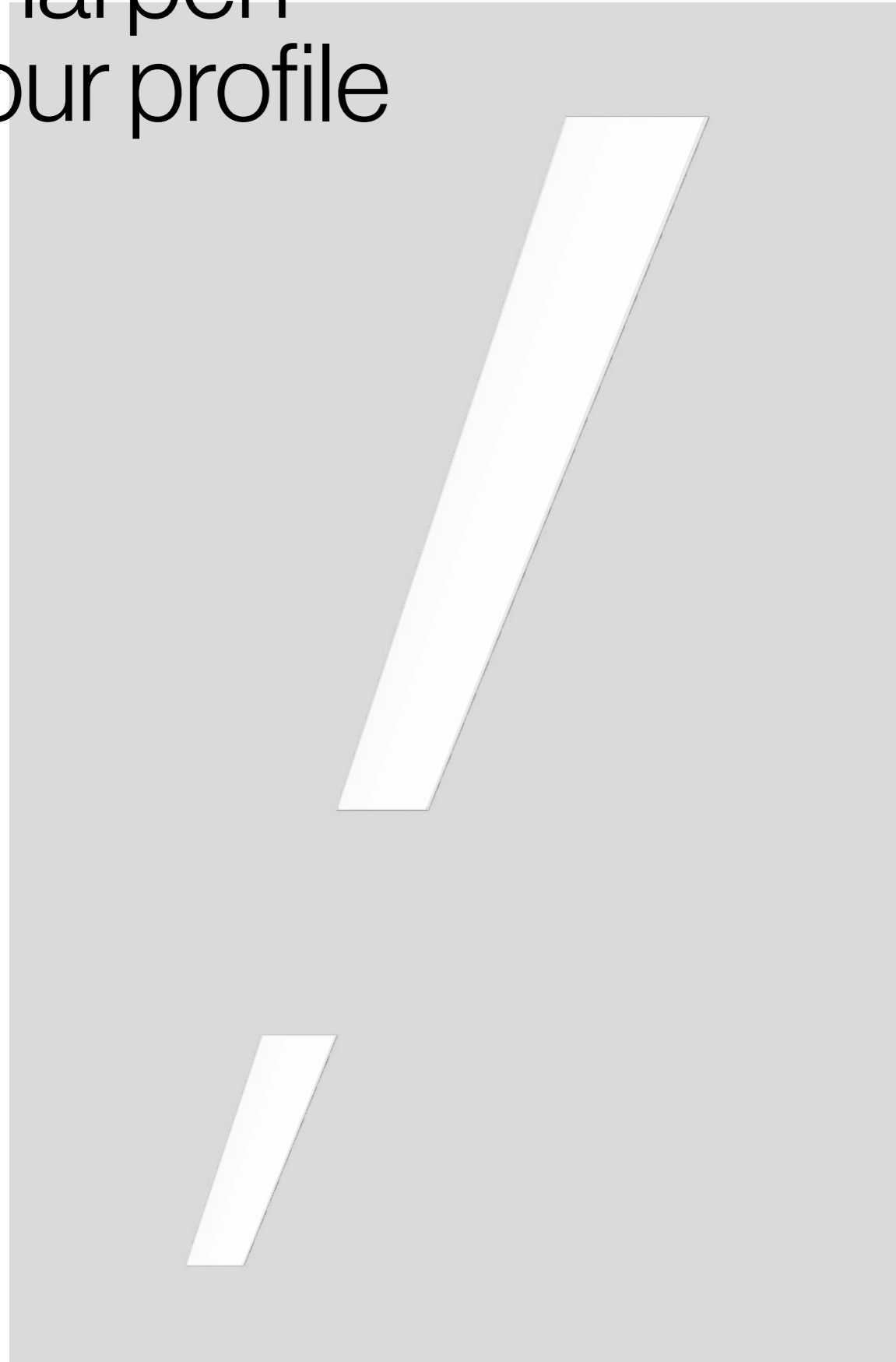
quick
 installation

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprismatic -5%, jut-out -4%

Amvest headquarters Amsterdam, NL –
by Firm Architects with lighting design
by Maichel Kusters



Sharpen your profile



MINIMAL

EN Minimalism par excellence: If you like straightforward design, then MINIMAL is perfect for you. Aimed at interiors, the recessed profile luminaire can be seamlessly integrated into all rooms and interiors with style. The single luminaire is trimless, available in different lengths, and varies the desired room effect with the light colours 3000K, 4000K, or Tunable White. Homogenous room illumination is achieved with the opal cover. For standard-compliant workplace lighting, the microprismatic cover version is the best choice.

IT Il minimalismo per eccellenza: se apprezzate il design lineare, MINIMAL è perfetto per voi. Si tratta di un profilo da incasso studiato per integrarsi con stile in ogni ambiente interno. L'apparecchio singolo, senza cornice, è disponibile in diverse lunghezze e con luce di tonalità 3000K, 4000K o Tunable White, a seconda dell'effetto che si cerca. I rifrattori opali assicurano un'illuminazione generale uniforme, mentre la variante con rifrattore a microprismi è consigliabile per illuminare le postazioni di lavoro in conformità alle normative.

Types



60

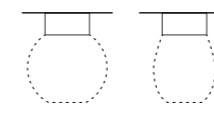
100

Mounting



trimless
recessed

Light distributions



opal

microprismatic
(UGR ≤ 19)

back



MINIMAL 60

recessed trimless

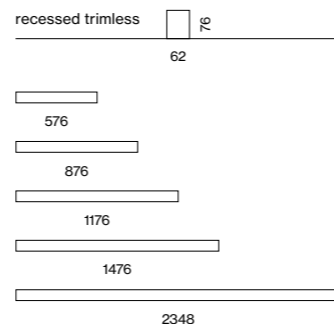
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso; per incasso a scomparsa in soffitti di cartongesso; bordatura speciale scanalata per una migliore aderenza dello stucco; per soffitti di spessore 8-25mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



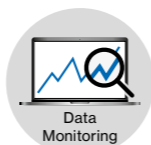
Colour



Light distributions



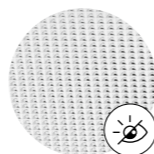
micropr. opal



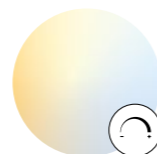
DiiA® standards
251, 252, 253



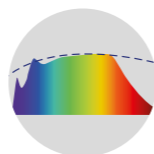
system
solution (p.880)



microprismatic
solution (p.880)
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance H
microprismatic Z
microprismatic (UGR ≤ 19)* G

*UGR ≤ 19 only with mid lumen

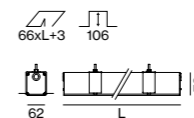
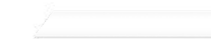
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K
DALI-2 DT8



MINIMAL 60 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	576	052-32L2::17
	4000K	955lm		
13W	3000K	1350lm	876	052-32L3::17
	4000K	1430lm		
15.3W	3000K	1800lm	1176	052-32L4::17
	4000K	1910lm		
19.2W	3000K	2250lm	1476	052-32L5::17
	4000K	2390lm		
31W	3000K	3610lm	2348	052-32L8::17
	4000K	3820lm		

HIGH LUMEN

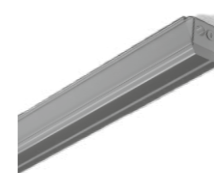
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	576	052-32M2::17
	4000K	1580lm		
20.6W	3000K	2240lm	876	052-32M3::17
	4000K	2370lm		
27.5W	3000K	2980lm	1176	052-32M4::17
	4000K	3160lm		
34W	3000K	3730lm	1476	052-32M5::17
	4000K	3950lm		
55W	3000K	5970lm	2348	052-32M8::17
	4000K	6320lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

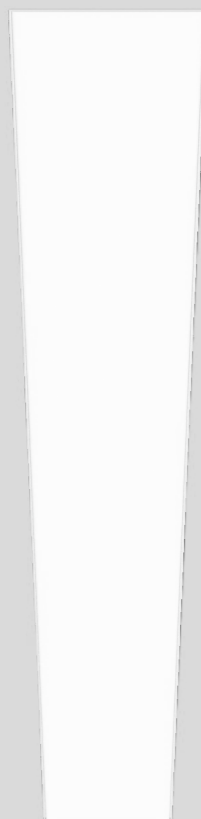
L (mm)	W-H (mm)	ORDER CODE
635	75-88	036-04066
935	75-88	036-04096
1235	75-88	036-04126
1535	75-88	036-04156
2407	75-88	036-04236

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -13%

← back



MINIMAL 100

recessed trimless

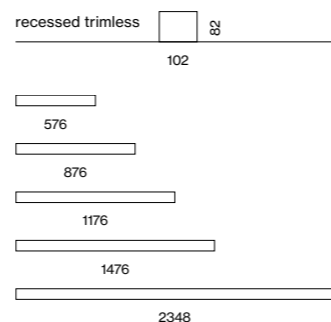
EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with grooves for better adhesion of filler; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso; per incasso a scomparsa in soffitti di cartongesso; bordatura speciale scanalata per una migliore aderenza dello stucco; per soffitti di spessore 8-25mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 7070 lm
up to 140 lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



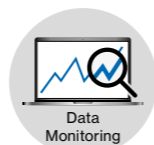
Colour



Light distributions



microp. opal



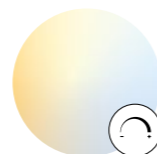
DiiA® standards
251, 252, 253



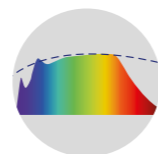
system
solution (p.882)



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ traffic white RAL 9016

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

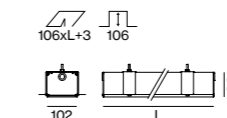
Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

tunable white 2700–6500K
DALI-2 DT8



MINIMAL 100 trimless



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	576	052-33L2::17
	4000K	1070lm		
13W	3000K	1520lm	876	052-33L3::17
	4000K	1600lm		
15.3W	3000K	2020lm	1176	052-33L4::17
	4000K	2140lm		
19.2W	3000K	2530lm	1476	052-33L5::17
	4000K	2670lm		
31W	3000K	4040lm	2348	052-33L8::17
	4000K	4280lm		

HIGH LUMEN

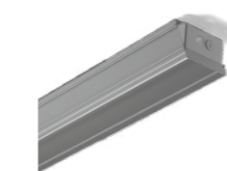
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	576	052-33M2::7
	4000K	1770lm		
20.6W	3000K	2510lm	876	052-33M3::7
	4000K	2650lm		
27.5W	3000K	3340lm	1176	052-33M4::7
	4000K	3540lm		
34W	3000K	4180lm	1476	052-33M5::7
	4000K	4420lm		
55W	3000K	6680lm	2348	052-33M8::7
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	036-05066
935	116-94	036-05096
1235	116-94	036-05126
1535	116-94	036-05156
2407	116-94	036-05236

no use for wall installation (only on request)

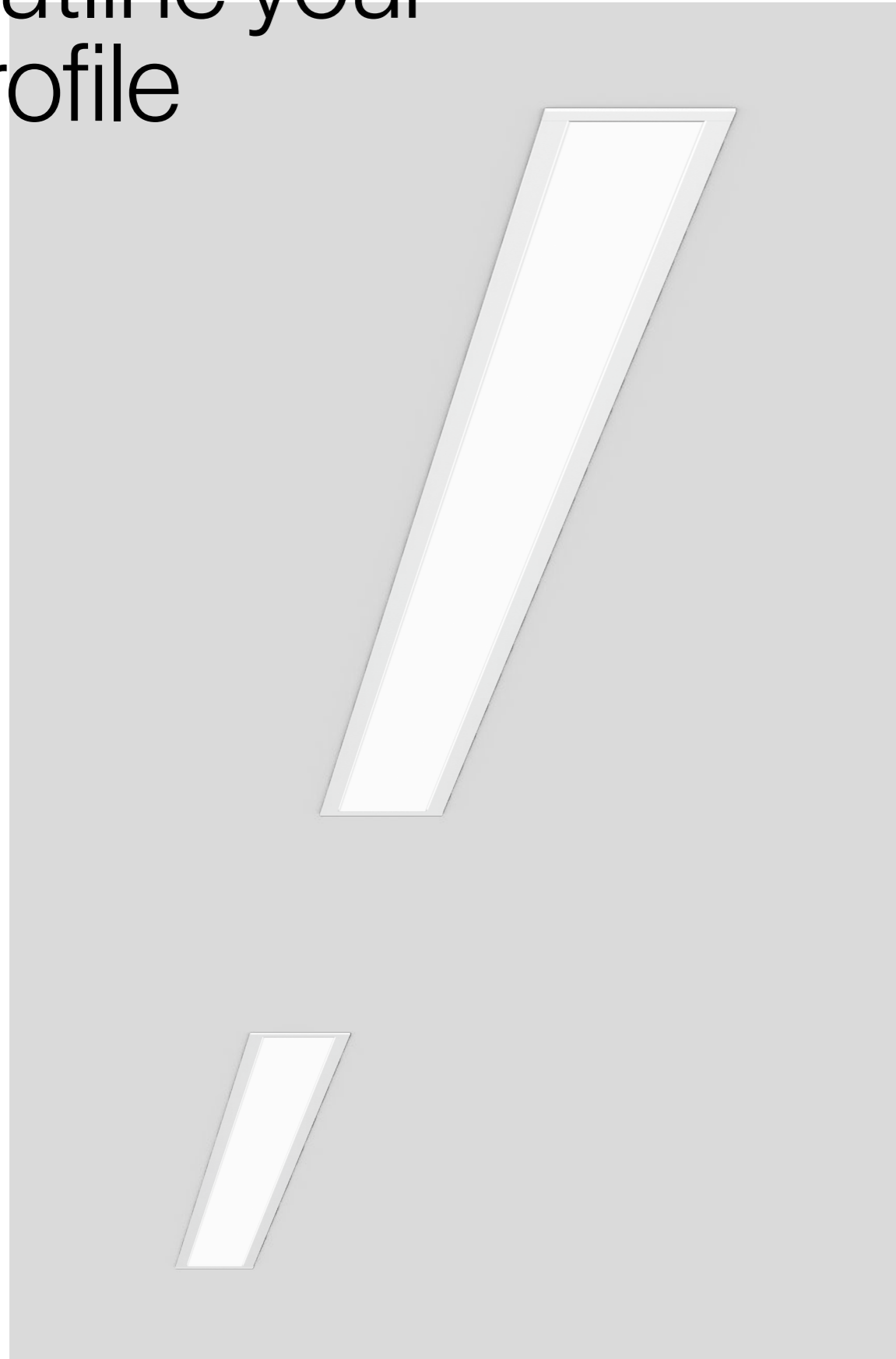


LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprism. Z -8%, microprism. G -10%

Strozzigasse 10
Vienna, AT –
by Bernd Besenlehner



Outline your profile



FRAME

EN FRAME makes flexible workplace lighting easy. The microprismatic cover ensures optimum glare control and thus standard-compliant illumination of the work areas. With a total of five lengths and three widths, this profile luminaire is versatile. Depending on the colour rendering requirement, the single luminaire is available up to $\text{CRI} \geq 98$ or in the light colours 3000K, 4000K, or Tunable White. FRAME's opal cover version delivers optimal and uniform room illumination.

IT Con FRAME diventa facile comporre un'illuminazione flessibile per i posti di lavoro. Il rifrattore a microprismi garantisce una schermatura impeccabile illuminando le postazioni di lavoro in conformità alle normative. Questo versatile apparecchio a profilo è disponibile in cinque lunghezze e tre larghezze. A seconda delle necessità, è prevista una resa cromatica fino a $\text{CRI} \geq 98$ con tonalità 3000K, 4000K oppure Tunable White. La variante FRAME con rifrattore opale diffonde un'illuminazione generale perfettamente uniforme.

Types



40

60

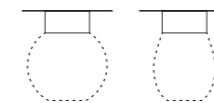
100

Mounting



with trim
recessed

Light distributions



opal

microprismatic
($\text{UGR} \leq 19$)

← back



FRAME 40

recessed with trim

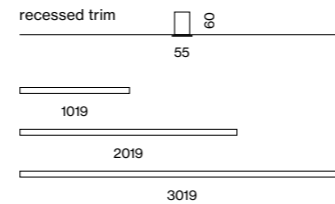
^{EN} Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

^{IT} Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-25mm; verniciatura a polvere; profilo apparecchio pre-assemblabile; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types



Colours



Light distribution



opal

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
 white aluminium RAL 9006 G

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE

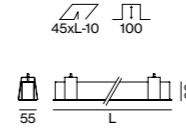
tunable white 2700–6500 K
DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



FRAME 40 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1019	0 4 2 - 7 1 1 2 :: 3 H
30.5W	3000K	2950lm	2019	0 4 2 - 7 1 1 4 :: 3 H
46W	3000K	4420lm	3019	0 4 2 - 7 1 1 6 :: 3 H
	4000K	1560lm		
	4000K	3120lm		
	4000K	4680lm		

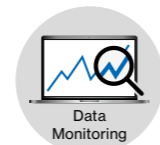
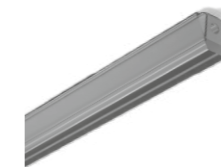
HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1019	0 4 2 - 7 1 2 2 :: 3 H
46W	3000K	4420lm	2019	0 4 2 - 7 1 2 4 :: 3 H
69W	3000K	6630lm	3019	0 4 2 - 7 1 2 6 :: 3 H
	4000K	2340lm		
	4000K	4680lm		
	4000K	7020lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

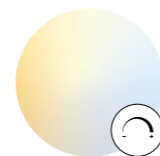
L (mm)	W-H (mm)	ORDER CODE
1038	57-87	0 4 2 - 7 1 9 5 2 1 0
2038	57-87	0 4 2 - 7 1 9 5 4 1 0
3038	57-87	0 4 2 - 7 1 9 5 6 1 0



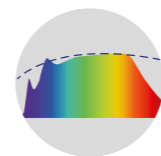
DiiA® standards
251, 252, 253



system
solution (p.890)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

back



FRAME 60

recessed with trim

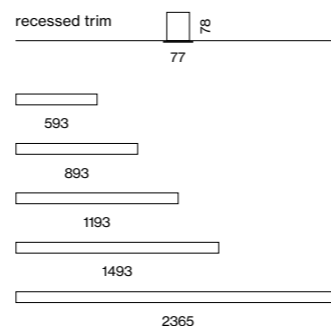
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; microprismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-25mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

Types



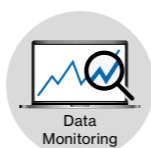
Colours



Light distributions



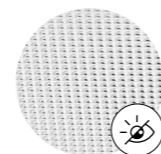
micropr. opal



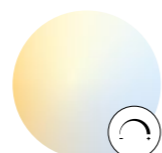
DiiA® standards
251, 252, 253



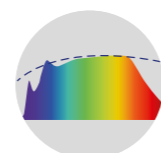
system
solution (p.892)



microprismatic
UGR ≤ 19



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> white aluminium RAL 9006	G

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

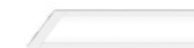
*UGR ≤ 19 only with mid lumen

Options on request

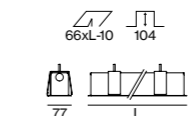
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500 K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR
please contact factory



FRAME 60 trim



MID LUMEN					
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE	
8.7W	3000K	902lm	593	0 5 2 - 4 7 L 2 :: 1	<input type="checkbox"/>
	4000K	955lm			
13W	3000K	1350lm	893	0 5 2 - 4 7 L 3 :: 1	<input type="checkbox"/>
	4000K	1430lm			
15.3W	3000K	1800lm	1193	0 5 2 - 4 7 L 4 :: 1	<input type="checkbox"/>
	4000K	1910lm			
19.2W	3000K	2250lm	1493	0 5 2 - 4 7 L 5 :: 1	<input type="checkbox"/>
	4000K	2390lm			
31W	3000K	3610lm	2365	0 5 2 - 4 7 L 8 :: 1	<input type="checkbox"/>
	4000K	3820lm			

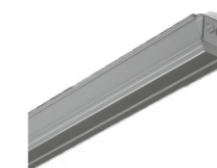
HIGH LUMEN					
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE	
13.8W	3000K	1490lm	593	0 5 2 - 4 7 M 2 :: 1	<input type="checkbox"/>
	4000K	1580lm			
20.6W	3000K	2240lm	893	0 5 2 - 4 7 M 3 :: 1	<input type="checkbox"/>
	4000K	2370lm			
27.5W	3000K	2980lm	1193	0 5 2 - 4 7 M 4 :: 1	<input type="checkbox"/>
	4000K	3160lm			
34W	3000K	3730lm	1493	0 5 2 - 4 7 M 5 :: 1	<input type="checkbox"/>
	4000K	3950lm			
55W	3000K	5970lm	2365	0 5 2 - 4 7 M 8 :: 1	<input type="checkbox"/>
	4000K	6320lm			

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	75-88	0 3 5 - 0 4 0 6 6
935	75-88	0 3 5 - 0 4 0 9 6
1235	75-88	0 3 5 - 0 4 1 2 6
1535	75-88	0 3 5 - 0 4 1 5 6
2407	75-88	0 3 5 - 0 4 2 3 6

no use for wall installation (only on request)



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -13%



FRAME 100

recessed with trim

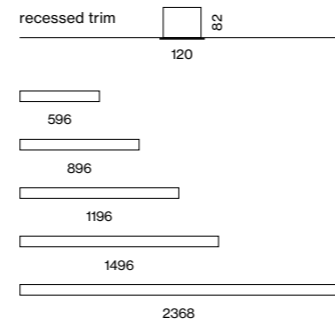
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-25mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-25mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



Light distributions



microp. opal



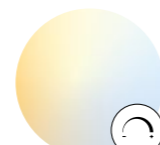
Data Monitoring
 DiiA® standards
 251, 252, 253



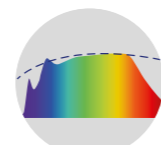
system
 solution (p.898)



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

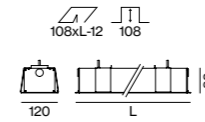
MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> white aluminium RAL 9006	G

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

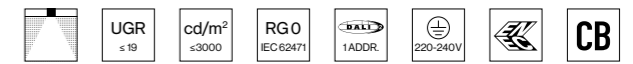
Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	



FRAME 100 trim



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	596	0 5 2 - 4 3 L 2 :: 1 ▣
	4000K	1070lm		
13W	3000K	1520lm	896	0 5 2 - 4 3 L 3 :: 1 ▣
	4000K	1600lm		
15.3W	3000K	2020lm	1196	0 5 2 - 4 3 L 4 :: 1 ▣
	4000K	2140lm		
19.2W	3000K	2530lm	1496	0 5 2 - 4 3 L 5 :: 1 ▣
	4000K	2670lm		
31W	3000K	4040lm	2368	0 5 2 - 4 3 L 8 :: 1 ▣
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	596	0 5 2 - 4 3 M 2 :: ▣ ▣
	4000K	1770lm		
20.6W	3000K	2510lm	896	0 5 2 - 4 3 M 3 :: ▣ ▣
	4000K	2650lm		
27.5W	3000K	3340lm	1196	0 5 2 - 4 3 M 4 :: ▣ ▣
	4000K	3540lm		
34W	3000K	4180lm	1496	0 5 2 - 4 3 M 5 :: ▣ ▣
	4000K	4420lm		
55W	3000K	6680lm	2368	0 5 2 - 4 3 M 8 :: ▣ ▣
	4000K	7070lm		

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W-H (mm)	ORDER CODE
635	116-94	0 3 5 - 0 5 0 6 6
935	116-94	0 3 5 - 0 5 0 9 6
1235	116-94	0 3 5 - 0 5 1 2 6
1535	116-94	0 3 5 - 0 5 1 5 6
2407	116-94	0 3 5 - 0 5 2 3 6

no use for wall installation (only on request)

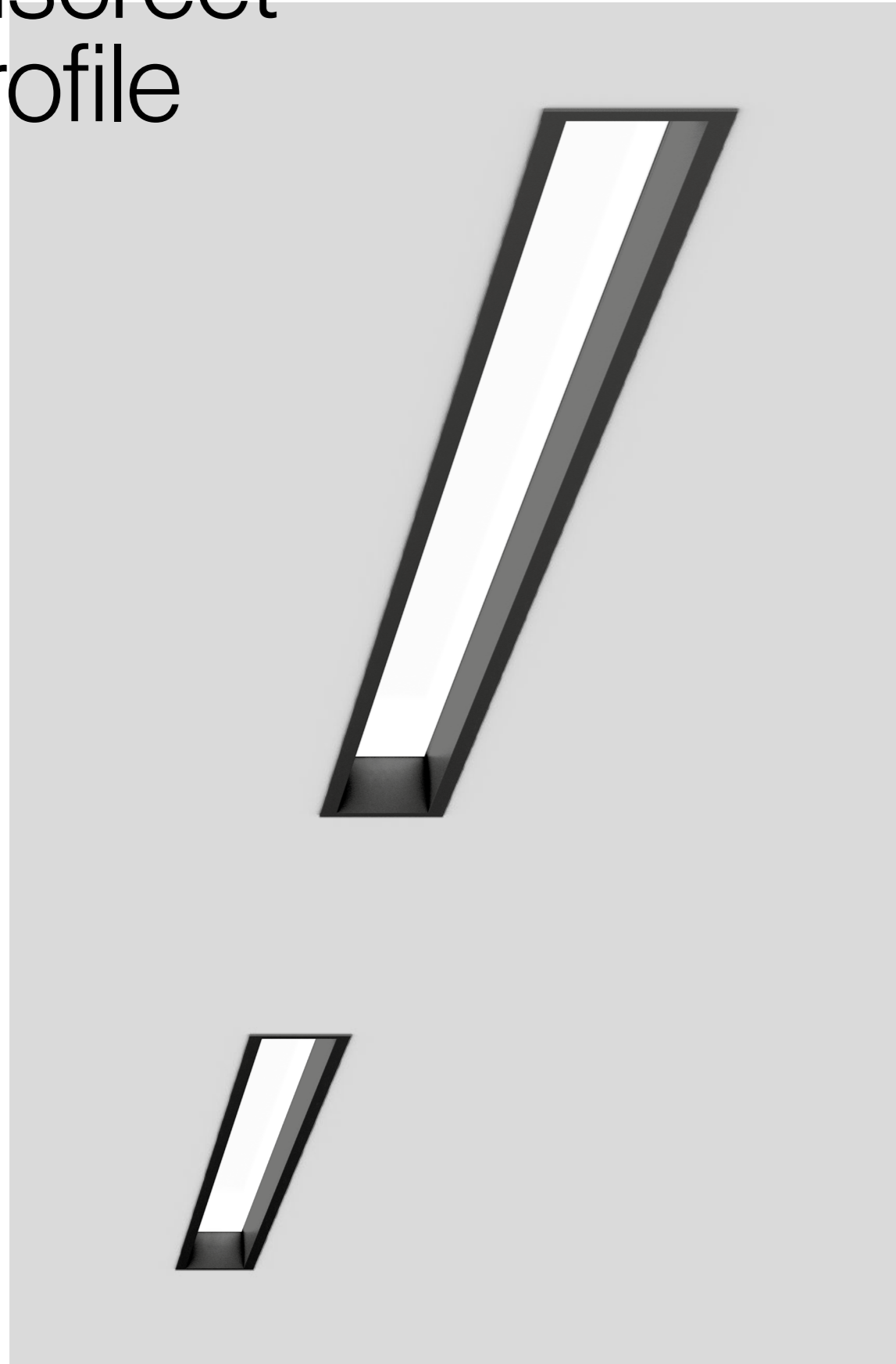


LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Geriatrics Simmering, AT –
by Josef Weichenberger architects +
Partner including lighting design





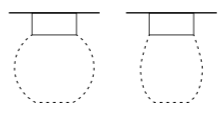
Discreet profile



CANYON

EN The perfect first impression: The CANYON luminaire and its simplicity create a calm ambience in the entrance area. CANYON also crafts a calm ceiling appearance in recreation rooms, corridors, or at the workplace thanks to the recessed luminaire level. The profile luminaire with a trim can be used universally as it comes in different lengths and with different covers, such as microprismatic or opal. The CANYON single luminaire's colour rendering reaches up to $\text{CRI} \geq 90$ with a total of three possible light colours: 3000K, 4000K, and Tunable White.

IT Una prima impressione perfetta: l'apparecchio CANYON installato nell'atrio crea un'atmosfera riposante grazie alla sua semplicità. Ma anche in sale d'intrattenimento, corridoi o ambienti di lavoro, CANYON incassato conferisce al soffitto un aspetto d'insieme armonioso. Per quest'apparecchio a profilo con cornice sono disponibili varie lunghezze e tipi di rifrattori, come ad esempio l'ottica a microprismi o quella opale: pertanto le destinazioni sono praticamente universali. La resa cromatica di CANYON in variante singola arriva a $\text{CRI} \geq 90$ con tre tonalità di luce: 3000K, 4000K e Tunable White.

Type	
	60
Mounting	
	trim recessed
Light distributions	
	opal microprismatic ($\text{UGR} \leq 19$)



CANYON 60

recessed offset with trim

EN Luminaire housing made of extruded aluminium; uncluttered ceiling look through recessed lighting level; recessed luminaire with trim; suitable for ceiling thickness of 8-25 mm; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso; superficie di emissione arretrata per un soffitto di aspetto armonioso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-25 mm; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 105lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic

Types



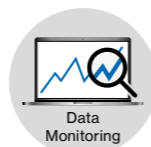
Colours



Light distributions



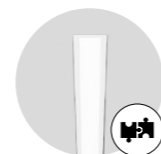
microp. opal



Data Monitoring
DiiA® standards
251, 252, 253



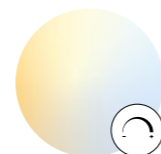
ball-impact-resistant



system solution
(p. 904)



glare control
UGR ≤ 19



tunable white
2700-6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

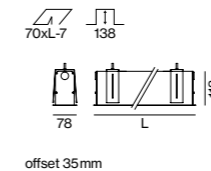
MATERIAL COLOUR	
<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90

COLOUR TEMPERATURE
tunable white 2700-6500K
DALI-2 DT8



offset 35mm

CANYON 60 trim offset



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	760lm	593	0 5 2 - 5 2 L 2 :: 1 <input type="checkbox"/>
	4000K	804lm		
13W	3000K	1140lm	893	0 5 2 - 5 2 L 3 :: 1 <input type="checkbox"/>
	4000K	1210lm		
15.3W	3000K	1520lm	1193	0 5 2 - 5 2 L 4 :: 1 <input type="checkbox"/>
	4000K	1610lm		
19.2W	3000K	1900lm	1493	0 5 2 - 5 2 L 5 :: 1 <input type="checkbox"/>
	4000K	2010lm		
31W	3000K	3040lm	2365	0 5 2 - 5 2 L 8 :: 1 <input type="checkbox"/>
	4000K	3220lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1260lm	593	0 5 2 - 5 2 M 2 :: <input type="checkbox"/>
	4000K	1330lm		
20.6W	3000K	1880lm	893	0 5 2 - 5 2 M 3 :: <input type="checkbox"/>
	4000K	2000lm		
27.5W	3000K	2510lm	1193	0 5 2 - 5 2 M 4 :: <input type="checkbox"/>
	4000K	2660lm		
34W	3000K	3140lm	1493	0 5 2 - 5 2 M 5 :: <input type="checkbox"/>
	4000K	3300lm		
55W	3000K	5030lm	2365	0 5 2 - 5 2 M 8 :: <input type="checkbox"/>
	4000K	5320lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprismatic -9%

Business-Quartier Sparkasse
Salzburg, AT – by OM/ARGE Neutor,
Schabelreiter Architektur



Define your profile

MINO

EN The MINO single luminaire's character is multifaceted. It can be mounted on walls and ceilings as a surface-mounted version, but is also available as a suspended version. The variety continues in its optical details; in white, grey, and black, the luminaire can be selected with a colour rendering of up to $\text{CRI} \geq 98$ XPECTRUM and in the light colours 3000K, 4000K, or Tunable White. MINO optionally also comes with a microprismatic cover for ideal work light or with an opal cover for homogeneous room illumination.

IT MINO è un apparecchio singolo ricco di sfaccettature. La variante a plafone si può montare su soffitti e pareti, inoltre è disponibile come modello a sospensione. La varietà riguarda anche i dettagli ottici: l'apparecchio è previsto in colore bianco, grigio e nero, con resa cromatica fino a $\text{CRI} \geq 98$ XPECTRUM e luce di tonalità 3000K, 4000K oppure Tunable White. Si può scegliere MINO con rifrattore a microprismi per un'illuminazione ideale dei posti di lavoro oppure con rifrattore opale per una luminosità generale omogenea.

Types

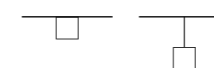


40

60

100

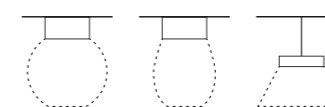
Mountings



surface

suspended

Light distributions



opal

microprismatic
($\text{UGR} \leq 19$)

direct

[← back](#)


MINO 40

surface

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

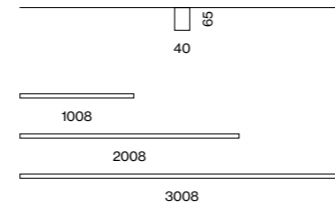
IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo apparecchio preassemblabile; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

surface



Colours



Light distribution



opal

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input checked="" type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

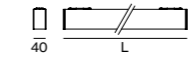
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 surface

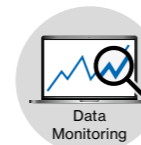


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 1 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 1 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 1 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

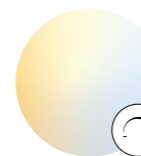
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 1 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 1 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 1 2 6 :: 3 H
	4000K	7020lm		



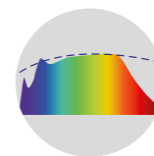
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

[← back](#)


MINO 40

suspended

EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; remaining luminaire components mounted without tools; pendant fitting with cable suspension; height adjustment without tools; incl. transparent feed; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

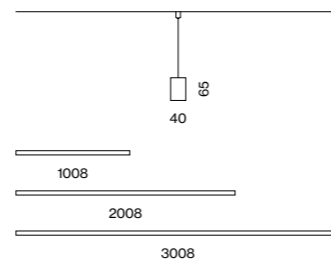
Il Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo apparecchio preassemblabile; restanti componenti montabili senza utensili; sospeso con cavo a sospensione; regolazione altezza senza utensili; incl. cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 102lm/W
L90 @ 50 000h
DALI-2
opal

Types

suspended



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM

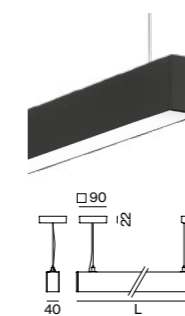
COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

LIGHT OPTIC COVER

microprismatic



MINO 40 suspended

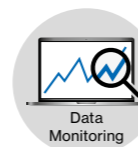


MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
15.3W	3000K	1480lm	1008	0 4 2 - 1 2 1 2 :: 3 H
	4000K	1560lm		
30.5W	3000K	2950lm	2008	0 4 2 - 1 2 1 4 :: 3 H
	4000K	3120lm		
46W	3000K	4420lm	3008	0 4 2 - 1 2 1 6 :: 3 H
	4000K	4680lm		

HIGH LUMEN

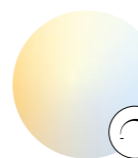
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
22.9W	3000K	2210lm	1008	0 4 2 - 1 2 2 2 :: 3 H
	4000K	2340lm		
46W	3000K	4420lm	2008	0 4 2 - 1 2 2 4 :: 3 H
	4000K	4680lm		
69W	3000K	6630lm	3008	0 4 2 - 1 2 2 6 :: 3 H
	4000K	7030lm		



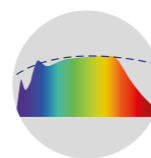
DiiA® standards
251, 252, 253



system
solution (p. 912)



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

Sparkasse Lienz, AT –
by DI Matthias Viehhauser





MME
Zug, CH –
by Büronauten AG



Sparkasse, Bank
Nuremberg, DE –
by baum-kappler architekten



back



MINO 60

surface

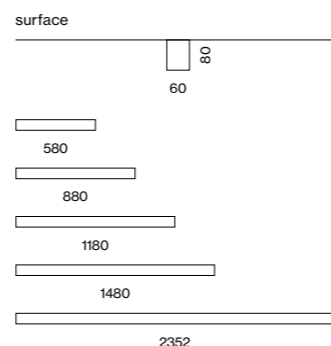
^{EN} Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

^{IT} Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 125lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



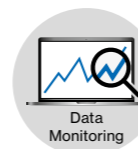
Colours



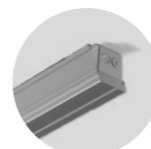
Light distribution



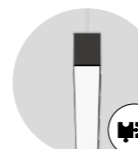
direct



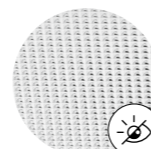
DiiA® standards
 251, 252, 253



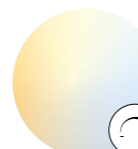
concrete install.
 housing (p.946)



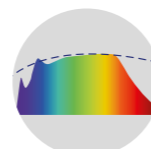
system
 solution (p.914)



microprismatic
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

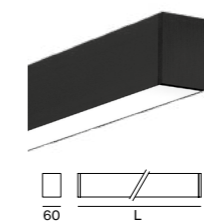
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
<input checked="" type="radio"/> MINO 60 ceiling system	



MINO 60 surface



MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	902lm	580	0 4 6 - 4 1 L 2 :: 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	955lm		
13W	3000K	1350lm	880	0 4 6 - 4 1 L 3 :: 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 1 L 4 :: 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 1 L 5 :: 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 1 L 8 :: 1 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1490lm	580	0 4 6 - 4 1 M 2 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1580lm		
20.6W	3000K	2240lm	880	0 4 6 - 4 1 M 3 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 1 M 4 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 1 M 5 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 1 M 8 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	6320lm		

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -13%, microprism. G -15%

Aros Forsikring-Mutual Insurance
Viby J, DK – lighting design by
anker & co



← back



MINO 60

suspended

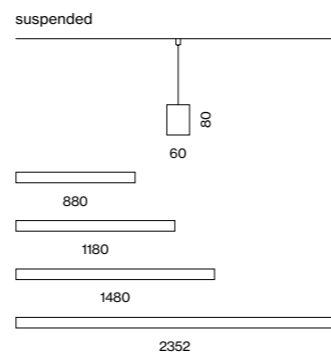
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo consegnabile in anticipo; tutti gli altri componenti si fissano senza bisogno di utensili; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED a risp. energ. – ottima resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
non DIM, DALI-2
opal, microprismatic (UGR ≤ 19)

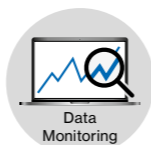
Types



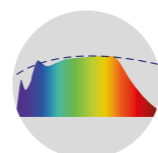
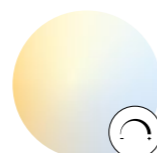
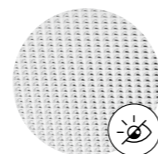
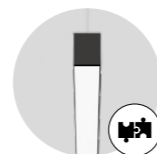
Colours



Light distribution



DiiA® standards
251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)*	G

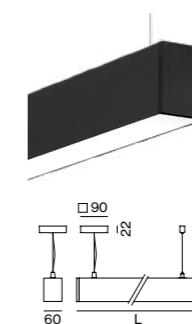
*UGR ≤ 19 only with mid lumen

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 60 suspended system	



MINO 60 suspended



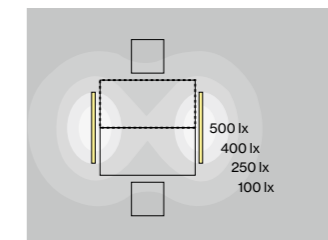
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1350lm	880	0 4 6 - 4 2 L 3 :: 1 ▣ □
	4000K	1430lm		
15.3W	3000K	1800lm	1180	0 4 6 - 4 2 L 4 :: 1 ▣ □
	4000K	1910lm		
19.2W	3000K	2250lm	1480	0 4 6 - 4 2 L 5 :: 1 ▣ □
	4000K	2390lm		
31W	3000K	3610lm	2352	0 4 6 - 4 2 L 8 :: 1 ▣ □
	4000K	3820lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.6W	3000K	2240lm	880	0 4 6 - 4 2 M 3 :: ▣ ▣ □
	4000K	2370lm		
27.5W	3000K	2980lm	1180	0 4 6 - 4 2 M 4 :: ▣ ▣ □
	4000K	3160lm		
34W	3000K	3730lm	1480	0 4 6 - 4 2 M 5 :: ▣ ▣ □
	4000K	3950lm		
55W	3000K	5970lm	2352	0 4 6 - 4 2 M 8 :: ▣ ▣ □
	4000K	6320lm		

Technical data



MINO 60 suspended, 15.3W,
4000 K, direct

ROOM VALUES	
Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE	
Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _{av})	> 500lx
Uniformity (U ₀)	> 0.6

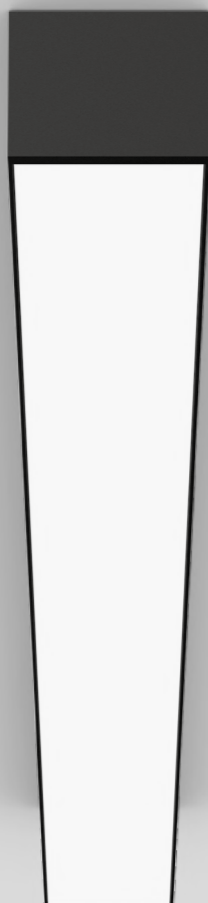


GLARE EVALUATION	
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal
microprism. Z -13%, microprism. G -15%

HeidelbergCement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with
lighting design by Hailight Lichtplanung,
Andreas Haidegger



[← back](#)


MINO 100

surface

^{EN} Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining luminaire components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-efficient LEDs with very good colour rendering

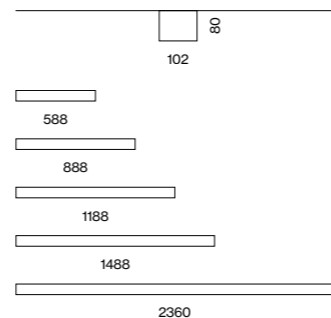
^{IT} Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo consegnabile in anticipo; restanti componenti montabili senza utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 7070 lm
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types

surface



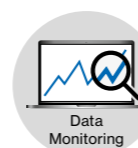
Colours



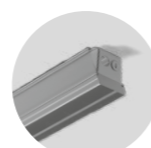
Light distribution



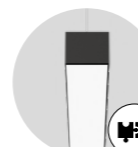
direct



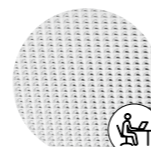
DiiA® standards
251, 252, 253



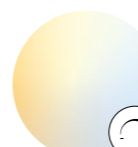
concrete install.
housing (p. 946)



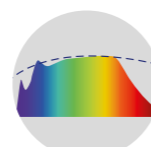
system
solution (p. 928)



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8

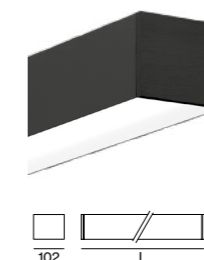
LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
<input checked="" type="checkbox"/> MINO 100 ceiling system	



MINO 100 surface



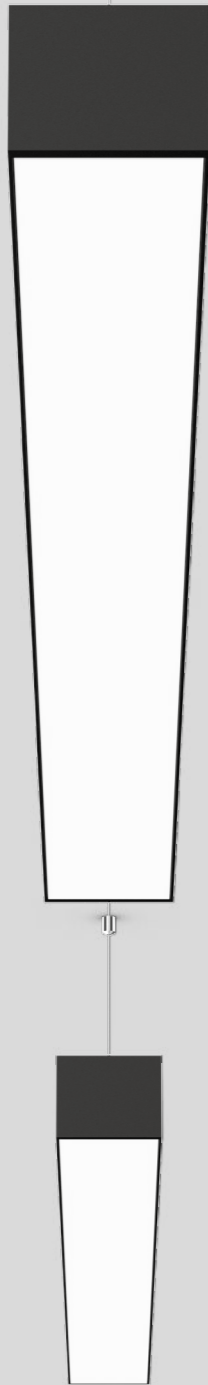
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
8.7W	3000K	1010lm	588	0 5 6 - 4 1 L 2 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1070lm		
13W	3000K	1520lm	888	0 5 6 - 4 1 L 3 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	1600lm		
15.3W	3000K	2020lm	1188	0 5 6 - 4 1 L 4 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	2140lm		
19.2W	3000K	2530lm	1488	0 5 6 - 4 1 L 5 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	2670lm		
31W	3000K	4040lm	2360	0 5 6 - 4 1 L 8 :: 1 <input type="checkbox"/> <input type="checkbox"/>
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1670lm	588	0 5 6 - 4 1 M 2 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	1770lm		
20.6W	3000K	2510lm	888	0 5 6 - 4 1 M 3 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	2650lm		
27.5W	3000K	3340lm	1188	0 5 6 - 4 1 M 4 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	3540lm		
34W	3000K	4180lm	1488	0 5 6 - 4 1 M 5 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	4420lm		
55W	3000K	6680lm	2360	0 5 6 - 4 1 M 8 :: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	4000K	7070lm		

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal microprism. Z -8%, microprism. G -10%

[← back](#)


MINO 100

suspended

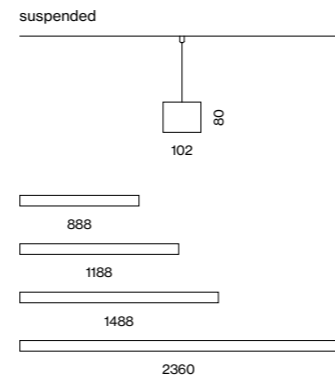
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; remaining components mounted without tools; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset consisting of highly reflective coated extruded profile for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; energy-eff. LEDs – very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo consegnabile in anticipo; tutti gli altri componenti si fissano senza bisogno di utensili; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; LED a risp. energ. – ottima resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 140 lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 opal, microprismatic (UGR ≤ 19)

Types



Colours



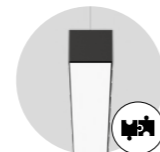
Light distribution



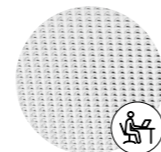
direct



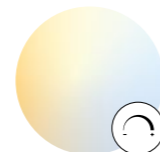
DiiA® standards
 251, 252, 253



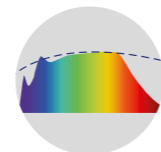
system
 solution (p.928)



DIN EN 12464-1
 UGR ≤ 19



tunable white
 2700–6500K



CRI ≥ 98
 XPECTRUM

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

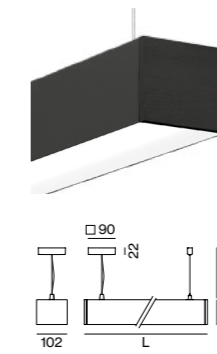
LIGHT OPTIC COVER	
opal high performance	H
microprismatic	Z
microprismatic (UGR ≤ 19)	G

Options on request

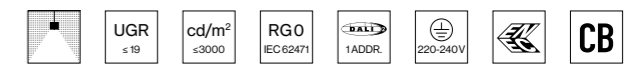
COLOUR RENDERING INDEX	
CRI ≥ 90	
CRI ≥ 98 XPECTRUM	

COLOUR TEMPERATURE	
tunable white 2700–6500K	
DALI-2 DT8	

INDIVIDUAL MATERIAL COLOUR	
● MINO 100 suspended system	



MINO 100 suspended



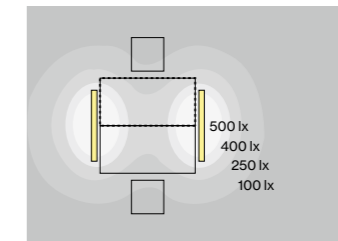
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1520lm	888	056-42L3::1
	4000K	1600lm		
15.3W	3000K	2020lm	1188	056-42L4::1
	4000K	2140lm		
19.2W	3000K	2530lm	1488	056-42L5::1
	4000K	2670lm		
31W	3000K	4040lm	2360	056-42L8::1
	4000K	4280lm		

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.6W	3000K	2510lm	888	056-42M3::1
	4000K	2650lm		
27.5W	3000K	3340lm	1188	056-42M4::1
	4000K	3540lm		
34W	3000K	4180lm	1488	056-42M5::1
	4000K	4420lm		
55W	3000K	6680lm	2360	056-42M8::1
	4000K	7070lm		

Technical data



MINO 100 suspended, 15.3W,
 4000K, direct

ROOM VALUES

Room dimensions	5.4 × 4 × 2.8m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Suspension height	2.25m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8m
Surface height	0.75m
Average illuminance (E _{av})	> 500 lx
Uniformity (U ₀)	> 0.6



GLARE EVALUATION

Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19
≥ 65° ≤ 3000 cd/m²	

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal
 microprism. Z -8%, microprism. G -10%

Outside with profile



BASO IP54

EN BASO IP54 is a powerful profile luminaire that has been specially adapted to demanding environmental conditions: from public outdoor areas to wet rooms. It has increased dust and insect protection (IP54). BASO IP54 is available as a single luminaire or as a system variant. It is easy to install and suitable for recessed or surface fitting as well as for wall or ceiling mounting. An opal cover delivers homogeneous basic illumination. The luminaire has a colour rendering of up to $CRI \geq 98$ XPECTRUM and can be selected with a dark grey or white housing and in two light colours (3000K and 4000K).

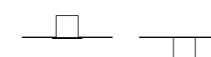
IT BASO IP54 è un potente apparecchio a profilo che è stato appositamente adattato alle condizioni ambientali difficili: spazi pubblici all'aperto o ambienti umidi. Anche la protezione da polvere e insetti è rinforzata (IP54). BASO IP54 è disponibile come modello singolo o da montare in sistema. Si fissa con facilità e si presta all'incasso o al montaggio a plafone su pareti e soffitti. Il rifrattore opale diffonde l'illuminazione in modo uniforme, con un indice di resa cromatica pari a da fino a $CRI \geq 98$ XPECTRUM. La cassaforma si può scegliere di colore bianco o grigio scuro. Sono inoltre disponibili due temperature di colore (3000K e 4000K).

Type



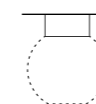
60

Mountings

trim
recessed

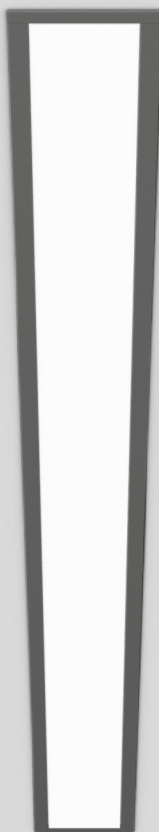
surface

Light distribution



opal

back



BASO 60 IP54

recessed with trim

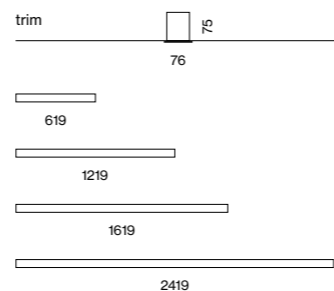
EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8-20 mm; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

IT Corpo illuminante in profilo di alluminio estruso; apparecchio da incasso con bordo perimetrale; per soffitti di spessore 8-20 mm; verniciatura a polvere; per montaggio a parete o soffitto; profilo apparecchio (testata finale premontata dal costruttore) preassemblabile; restanti componenti montabili senza utensili; inserto luce chiuso in PMMA, costituito da unità convertitore e unità scheda; inserto luce con testata finale in PMMA trasparente avvitata che ne facilita la manutenzione; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica; sistema di innesti IP67 per collegamento elettrico a tenuta stagna

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP 54

Types



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> umbra grey RAL 7022	D

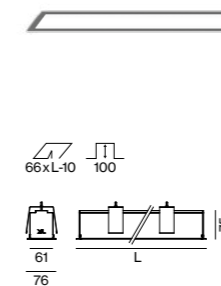
LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90
CRI ≥ 98 XPECTRUM



BASO 60 trim



IP 54 LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	619	8 4 5 - 3 5 2 2 :: 3 H
22.4W	3000K	2640lm	1219	8 4 5 - 3 5 2 4 :: 3 H
29.9W	3000K	3530lm	1619	8 4 5 - 3 5 2 5 :: 3 H
45W	3000K	5290lm	2419	8 4 5 - 3 5 2 8 :: 3 H
	4000K	1400lm		
	4000K	2790lm		
	4000K	3720lm		
	4000K	5590lm		

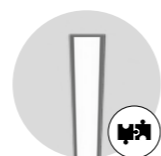
Mounting accessories

CONCRETE INSTALLATION HOUSING

L-W-H (mm)	ORDER CODE
662-75-88	0 4 5 - 3 5 9 2 0 1 0
1262-75-88	0 4 5 - 3 5 9 4 0 1 0
1662-75-88	0 4 5 - 3 5 9 5 0 1 0
2462-75-88	0 4 5 - 3 5 9 8 0 1 0



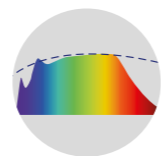
quick installation



system solution (p.936)



dust & splash water protection (IP54)



CRI ≥ 98 XPECTRUM

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Private Residence Plane House
Skiathos, GR – by K-Studio



ÖBB passage Graz, AT –
by skyline architekten ZT gmbh with lighting design
by ESC engineering Service & Consulting kg



[← back](#)


BASO 60 IP54

surface

EN Luminaire housing from extruded aluminium profile, angular design; light-tight end caps in aluminium, no visible screws; surface powder coated; suitable for wall or ceiling mounting; luminaire profile (end caps come pre-assembled) can be pre-mounted; remaining luminaire components mounted without tools; closed light insert made of PMMA, consisting of converter unit and circuit board unit; light inset with screwed-on, thus maintenance-friendly, transparent end cap in PMMA; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering; IP67 socket connector system for easy and sealed electrical connection

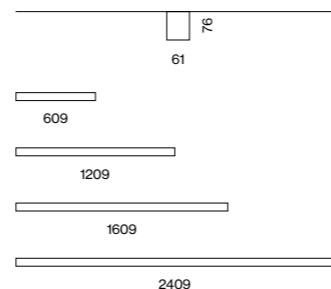
IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; testata di chiusura in alluminio impermeabile alla luce, senza viti a vista; verniciatura a polvere; per montaggio a parete o soffitto; profilo apparecchio (testata finale premontata dal costruttore) preassemblabile; restanti componenti montabili senza utensili; inserto luce chiuso in PMMA, costituito da unità convertitore e unità scheda; inserto luce con testata finale in PMMA trasparente avvitata che ne facilita la manutenzione; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica; sistema di innesti IP67 per collegamento elettrico a tenuta stagna

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 125lm/W
L90 @ 50 000h
DALI-2
opal, IP54

Types

surface



Colours



Light distribution



direct

Order options

IP RATING

IP54

COLOUR TEMPERATURE

3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

- traffic white RAL 9016 7
- umbra grey RAL 7022 D

LIGHT OPTIC COVER

opal high performance

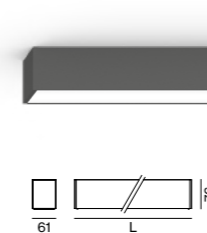
Options on request

COLOUR RENDERING INDEX

- CRI ≥ 90
- CRI ≥ 98 XPECTRUM

MOUNTING

concrete installation housing



BASO 60 surface

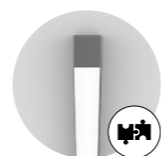


IP54 LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
11.2W	3000K	1320lm	609	8 4 5 - 4 1 2 2 :: 3 H
	4000K	1400lm		
22.4W	3000K	2640lm	1209	8 4 5 - 4 1 2 4 :: 3 H
	4000K	2790lm		
29.9W	3000K	3530lm	1609	8 4 5 - 4 1 2 5 :: 3 H
	4000K	3720lm		
45W	3000K	5290lm	2409	8 4 5 - 4 1 2 8 :: 3 H
	4000K	5590lm		



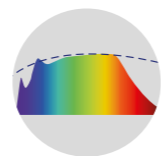
quick
installation



system
solution (p.940)



dust & splash water
protection (IP54)



CRI ≥ 98
XPECTRUM

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

University Research Institute
Ulm, DE – by bizer architekten



Perfect allrounder



TUBO

EN TUBO places no limits on creativity. Thanks to the height-adjustable cable suspension, the luminaire is particularly popular combined with other TUBO single luminaires for fancy patterns or creative arrangements. Maximum design freedom goes hand in hand with a pleasant room ambiance, as TUBO's characteristic beam angle of up to 340° provides gentle ceiling illumination. TUBO can be used as a pendant luminaire, or as a surface-mounted version for walls and ceilings. Especially in entrance areas, corridors, and public spaces, the luminaire with light colours 3000 K or 4000 K and opal cover provides homogeneous ambient lighting.

IT Con TUBO non ci sono limiti alla creatività. L'apparecchio offre una sospensione a fune, regolabile in altezza, che permette di allestire composizioni insolite o disposizioni creative in abbinamento ad altri singoli apparecchi TUBO. A questa grande libertà compositiva si aggiunge un'atmosfera molto piacevole: infatti l'angolo di emissione che caratterizza TUBO arriva a 340°, illuminando il soffitto con un effetto morbido. TUBO si può montare non solo in sospensione ma anche a plafone su pareti e soffitti. In particolare in zone d'ingresso, corridoi o aree pubbliche, l'apparecchio con rifratore opale e temperatura di colore di 3000 K o 4000 K assicura un'illuminazione generale omogenea.

Types



60

100

Mountings



surface

suspended

Light distribution

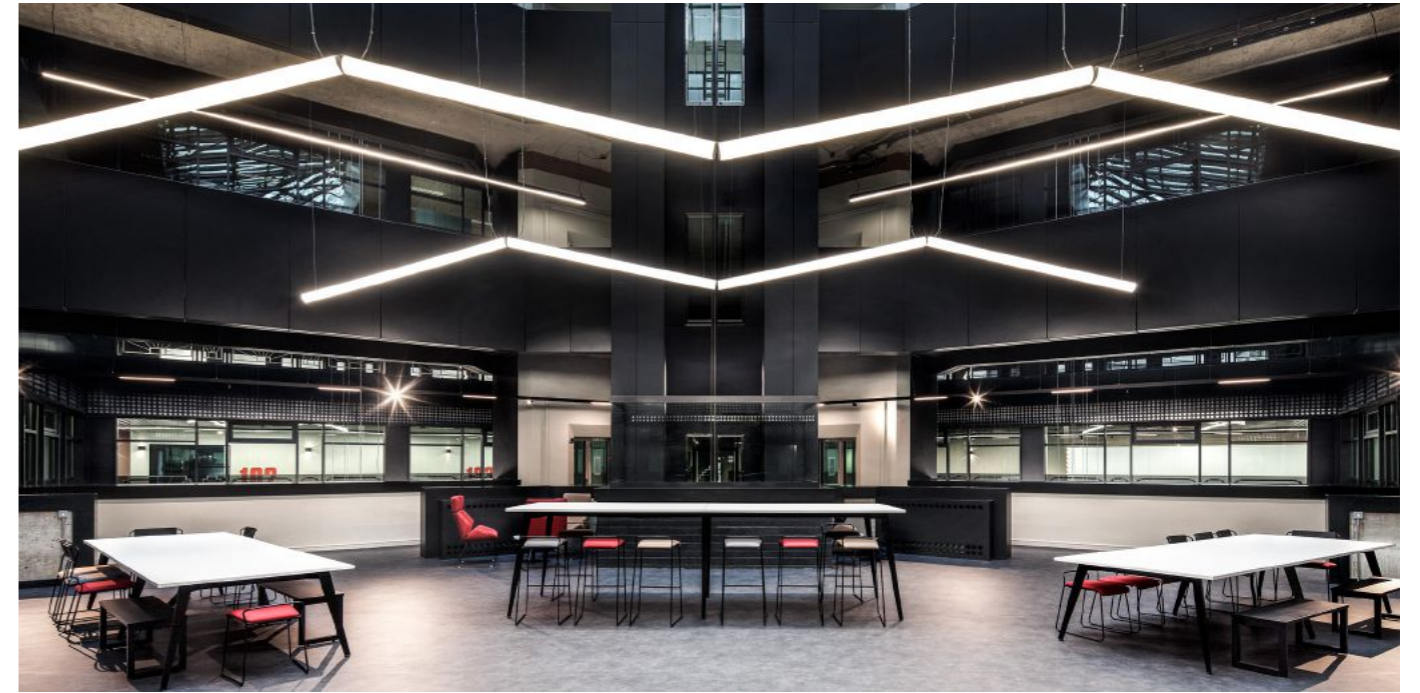
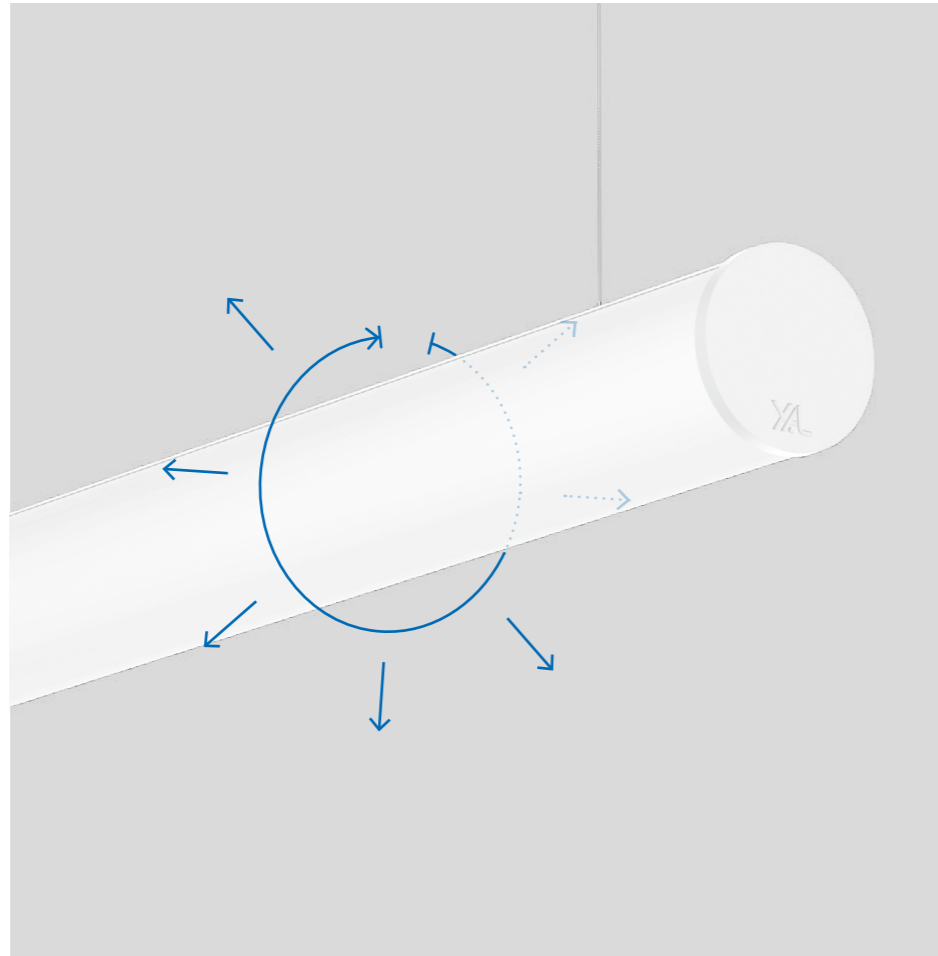


opal

340° light distribution

EN With its 340° beam pattern and opal cover, TUBO delivers homogeneous illumination as well as slight ceiling brightening. This makes the luminaire perfect for places where a pleasant ambient lighting is desired, such as reception areas, corridors, or foyers.

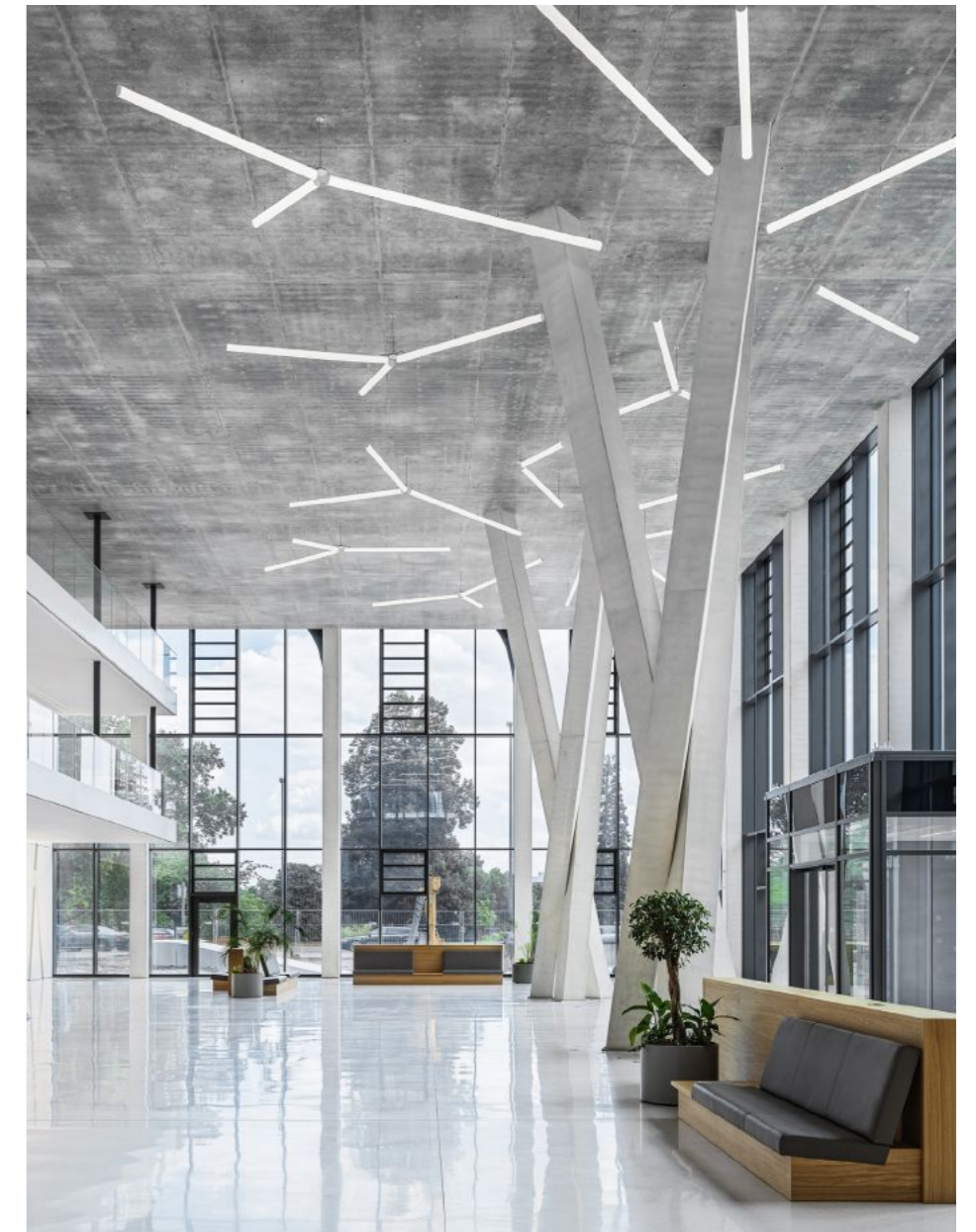
IT Con un'emissione a 340° e un rifratore opale, TUBO diffonde un'illuminazione omogenea ed anche una leggera luminosità sul soffitto. Di conseguenza l'apparecchio è perfetto per gli ambienti dove si cerca un'illuminazione generale piacevole: ad esempio zone d'ingresso, corridoi o foyer.



Bespoke arrangements

EN Mounting the pendant luminaire is highly flexible. The height-adjustable cable suspension with a joint allows TUBO to be suspended horizontally, or at an angle at different heights. The luminaire thus offers enormous creative freedom in designing bespoke patterns and unusual light formations.

IT Il montaggio a sospensione è decisamente flessibile. Una fune con snodo, regolabile in altezza, permette di appendere TUBO non solo in posizione orizzontale ma anche obliqua a diverse altezze. In pratica l'apparecchio lascia molto spazio alla creatività nell'ideare composizioni individuali e disposizioni insolite.



Mounting options

EN TUBO is available in both surface-mounted and pendant versions. It is suitable for mounting on ceilings and walls and supports a room's interior design.

IT TUBO è disponibile in variante sia a plafone che a sospensione. Si presta al montaggio su pareti o soffitti, e sa valorizzare l'allestimento architettonico degli interni.

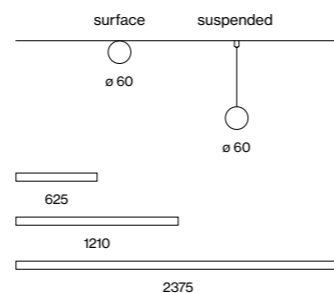
back



Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 114lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

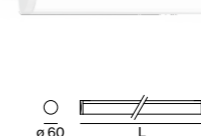
MATERIAL COLOUR

pure white RAL 9010

LIGHT OPTIC COVER

opal

TUBO 60 surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 1 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 1 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 1 1 8 :: 7 0
	4000K	7530lm		

TUBO 60 suspended



LUMINAIRE

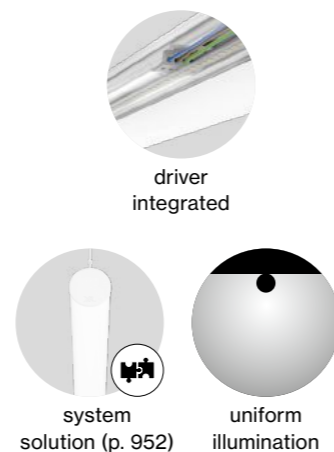
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
16.5 W	3000K	1780lm	625	0 5 8 - 3 2 1 2 :: 7 0
	4000K	1880lm		
33 W	3000K	3560lm	1210	0 5 8 - 3 2 1 4 :: 7 0
	4000K	3760lm		
66 W	3000K	7110lm	2375	0 5 8 - 3 2 1 8 :: 7 0
	4000K	7530lm		

TUBO 60

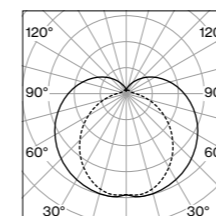
surface / suspended

EN Supporting profile in extruded aluminium; end cap in aluminium; surface powder coated; suitable for wall or ceiling mounting (TUBO 60 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; with transparent feeder cable; light control via high-quality lens system for maximum, homogeneous illumination; completely homogeneously illuminated, cylindrical HPO (High Performance Opal) illuminated in modo perfett. omogeneo; LED ad efficienza energetica con elevata resa cromatica

IT Binario portante in profilo di alluminio estruso; testata di chiusura in alluminio; verniciatura a polvere; per montaggio a parete o soffitto (TUBO 60 surface); corpo illuminante a plafone o sospensione con fune; regolazione altezza senza utensili; con cavo di alimentazione trasparente; controllo della luce con ottica lenticolare di alta qualità per un'illuminazione omogenea; cover cilindrica HPO (High Performance Opal) illuminata in modo perfetto. omogeneo; LED ad efficienza energetica con elevata resa cromatica



Light distribution



opal
direct

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



Heidelberg Cement AG Heidelberg, DE –
by Albert Speer + Partner Architekten with lighting
design by Hailight Lichtplanung, Andreas Haidegger





TUBO 100

surface / suspended

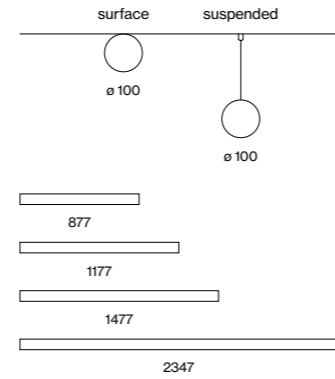
Supporting profile in extruded aluminium; end cap in aluminium, no visible screws; powder coated; suitable for wall or ceiling mounting (TUBO 100 surface); surface mounted or suspended luminaire with cable suspension; height adjustment without tools; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; luminaire profile for mounting available in advance; remaining components mounted without tools; light inset consisting of highly reflective coated extruded profile for improved thermal management; cylindrical cover made of satinised PMMA for homogeneous illumination; with 340° light emission and light ceiling illumination; energy-eff. LEDs – very good colour rendering

Binario portante in profilo di alluminio estruso; testata di chiusura in alluminio, senza viti a vista; verniciatura a polvere; per montaggio a parete o soffitto (TUBO 100 surface); corpo illuminante a plafone o sospensione con fune; regolazione altezza senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; profilo consegnabile in anticipo; tutti gli altri componenti si fissano senza bisogno di utensili; unità d'illuminazione in profilo di alluminio estruso con verniciatura altamente riflettente per gestione termica migliorata; diffusore cilindrico in PMMA satinato per un'illuminazione omogenea; con emissione a 340° e leggera illuminazione del soffitto; LED a risp. energ. – ottima resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 138lm/W
L90 @ 50 000h
non DIM, DALI-2
opal

Types



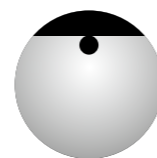
Colour



Light distributions



system
solution (p. 954)



uniform
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR

○ pure white RAL 9010

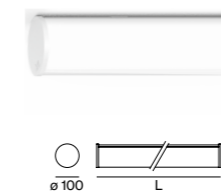
LIGHT OPTIC COVER

opal

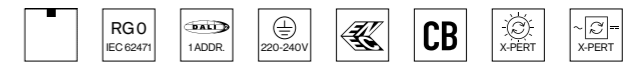
Options on request

CONTROL

Casambi



TUBO 100 surface

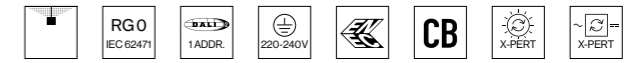


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1133::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1134::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1135::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1138::70
	4000K	10100lm		



TUBO 100 suspended

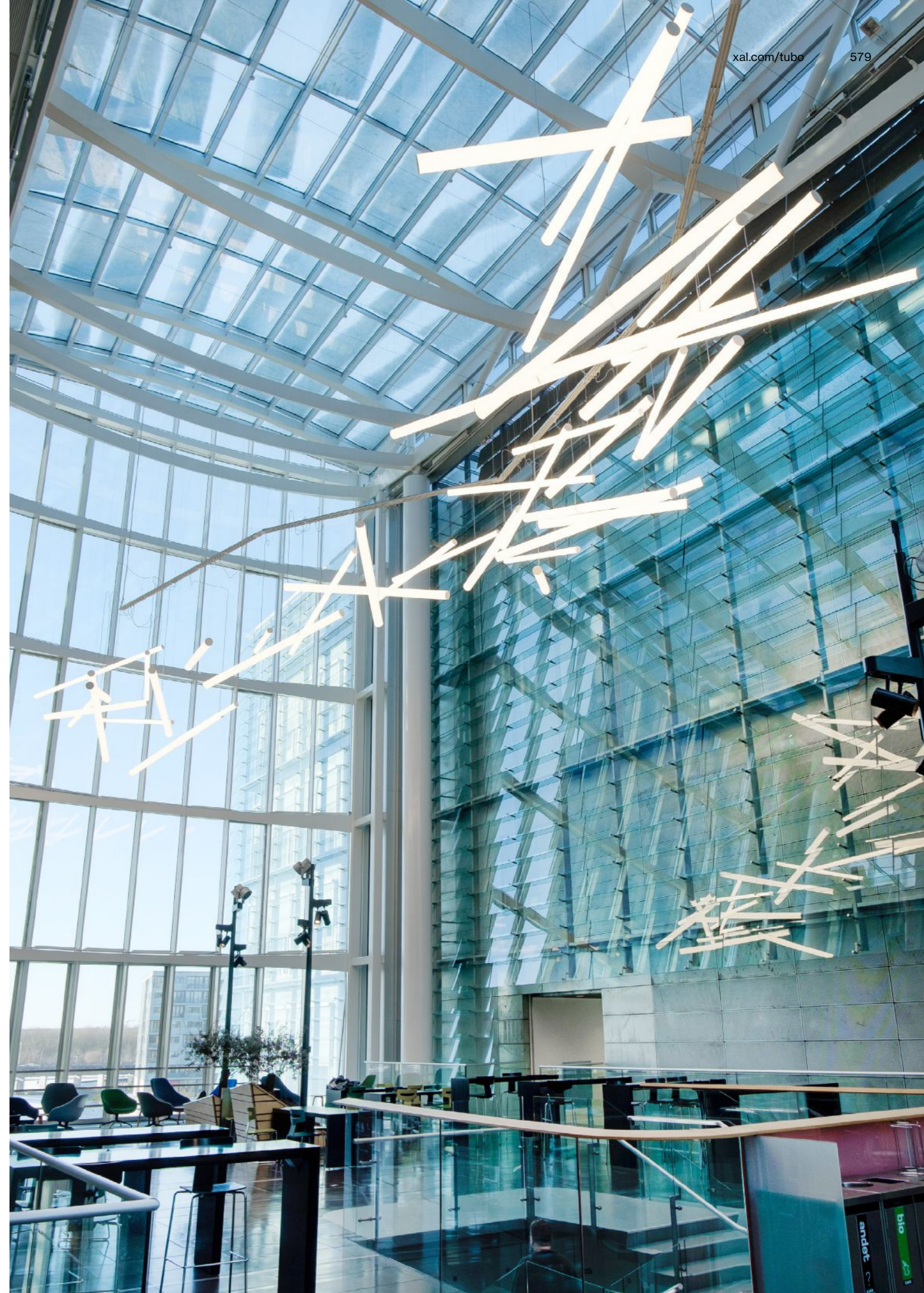
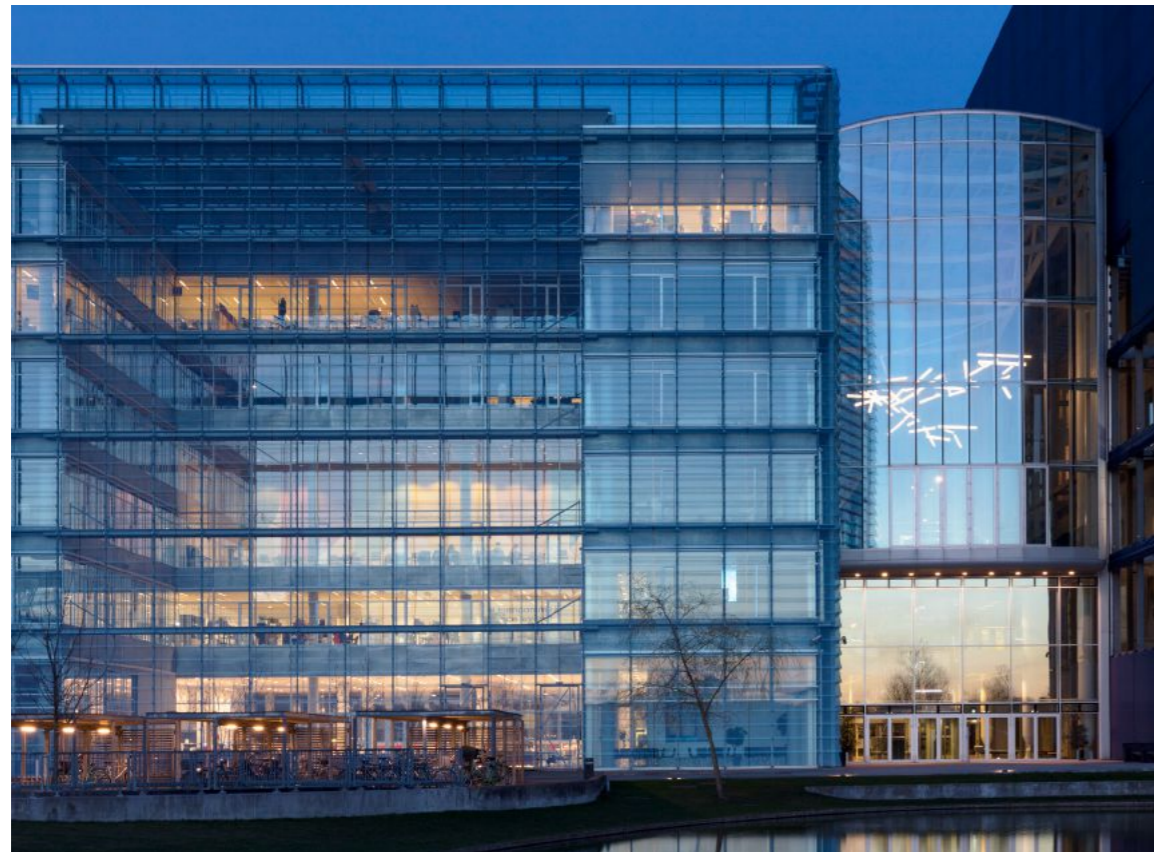


LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
27.5 W	3000K	3580lm	877	058-1233::70
	4000K	3790lm		
37 W	3000K	4770lm	1177	058-1234::70
	4000K	5050lm		
46 W	3000K	5960lm	1477	058-1235::70
	4000K	6310lm		
73 W	3000K	9540lm	2347	058-1238::70
	4000K	10100lm		

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

DR Byen
Copenhagen, DK –
by Vilhelm Lauritzen Arkitekter
with lighting design by Willerup&Heinsvig



Create light sculptures

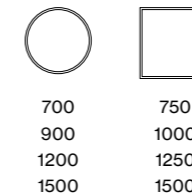


INO

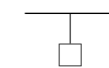
EN A classic in lighting design, redefined. Create exciting, multidimensional light sculptures by combining different INO shapes. INO's lighting characteristics are extraordinary. Light is emitted upwards and downwards through a sole exit surface, surrounding the luminaire like an aura. The circular and square luminaires are mounted horizontally or vertically. INO is available in white, black, and grey, as well as in numerous custom colours. All versions come in the light colours 2700K, 3000K, 4000K, or Tunable White.

IT La rivisitazione di un classico del progetto illuminotecnico. Combinando le varie forme geometriche di INO si compongono sculture luminose pluridimensionali di grande interesse. Un'altra particolarità è il tipo di distribuzione. Con una sola superficie di emissione, rivolta verso l'interno, la luce si proietta in alto e in basso avvolgendo il corpo illuminante in un'aura luminosa. La scelta comprende moduli quadrati o rotondi che si possono montare in posizione sia orizzontale che verticale. I colori disponibili sono bianco, nero, grigio e champagne, in opzione si possono richiedere anche colori speciali. Come temperatura di colore si può scegliere 2700K, 3000K, 4000K oppure Tunable White.

Types

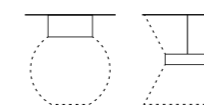


Mounting



suspended

Light distributions



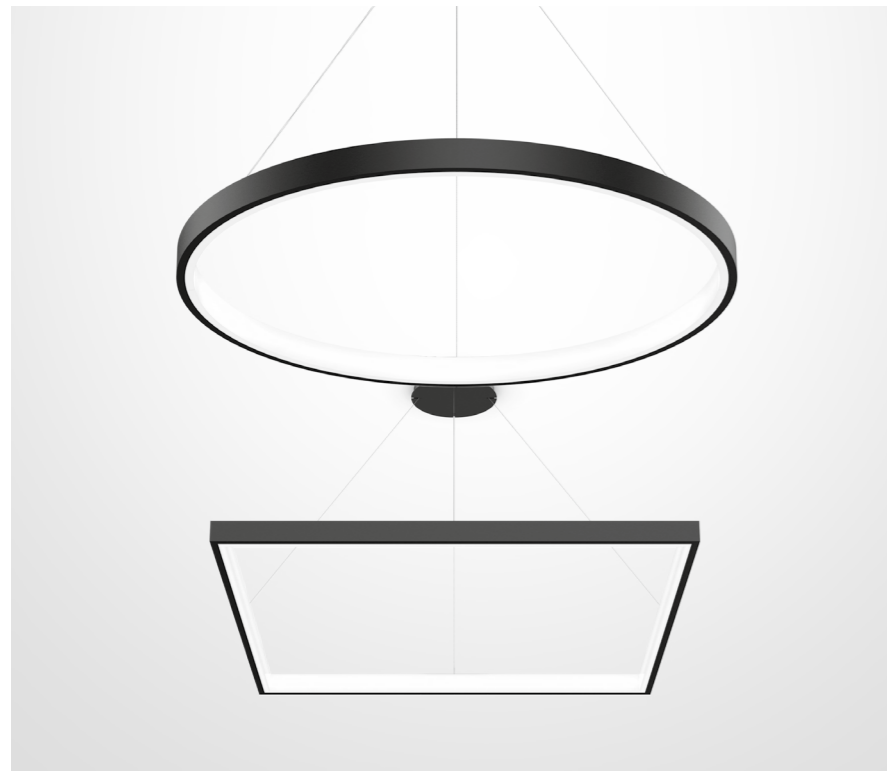
opal

direct
indirect

Light distribution

EN INO's beam characteristics make it unique. It boasts a three-dimensional light-emitting surface that sends light upwards, downwards, and inwards, surrounding the luminaire with an aura. This high-quality luminaire's surroundings are illuminated evenly, while the inside of the ring stays visible even from a distance.

IT La particolarità di INO è la sua distribuzione fotometrica. Una superficie di emissione tridimensionale proietta la luce in alto, in basso e verso l'interno, avvolgendo il corpo illuminante in una sorta di aura luminosa. L'ambiente ne ricava una luminosità omogenea e d'alto livello, mentre il lato interno dell'anello si vede anche da lontano.



Geometric variety

EN Discover even more INO design options through different sizes and shapes. The luminaire is available in square and circular versions. Up to four different sizes provide even more creative freedom.

IT Scoprite tutte le possibilità compositive di INO variando forme e dimensioni. L'apparecchio è disponibile in variante quadrata oppure circolare. Sono previste quattro misure da combinare con creatività.

Colour variety

EN INO comes in the standard white, grey, or black. Other colours are available, unlocking maximum design freedom for your project. Find out more about our palette at: xal.com/colours

IT I colori standard previsti per INO sono il bianco, grigio, nero e champagne. In opzione si possono richiedere colori speciali con cui personalizzare al massimo il progetto. Per saperne di più sulla nostra gamma di colori consultate xal.com/colours



xal.com/colours

TW – Tunable White

EN Changes in the colour of light have a substantial effect on our mood. Tunable White allows the colour temperature to be continuously adjusted from 2700 K (warm light) to 6500 K (cool light) to dynamically adapt the lighting to the time of day or ambient brightness.

IT I cambiamenti del colore di luce hanno un effetto importante sul nostro stato d'animo. Tunable White consente di variare la temperatura di colore in regolazione continua da 2700 K (luce calda) a 6500 K (luce fredda), adattando dinamicamente l'illuminazione artificiale all'ora del giorno o alla luminosità circostante.

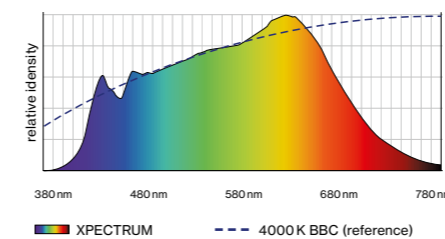


Effective from every perspective

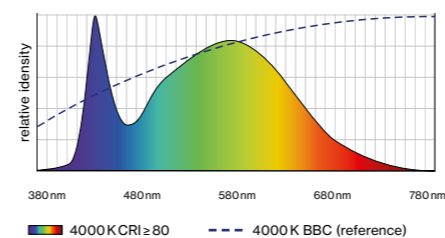
EN INO can be suspended horizontally or vertically from the ceiling. INO offers a range of options for creating bespoke arrangements and effective ceiling and wall sculptures.

IT INO si appende al soffitto in posizione orizzontale ed anche verticale. Pertanto offre l'opportunità di comporre allestimenti personalizzati, vere e proprie sculture luminose su pareti e soffitti.

XPECTRUM LED



Commercially available LED 4000 K



Full-spectrum LED

EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f = 98$ and $R_g = 101$ further helps visual comfort.

IT Il nuovo XPECTRUM LED di XAL assicura una luce sana con efficacia biologica. Lo spettro riduce le componenti azzurre e aumenta invece il ciano, con il risultato di una luce simile a quella diurna in cui i rischi per gli occhi dell'azzurro sono contenuti al minimo. Ne consegue un effetto non visivo, chiamato anche melanopico, che favorisce la concentrazione e migliora la qualità del sonno. Inoltre l'eccellente resa cromatica IES TM 30-15 $R_f = 98$ e $R_g = 101$ migliora il comfort visivo.

← back



INO circle suspended

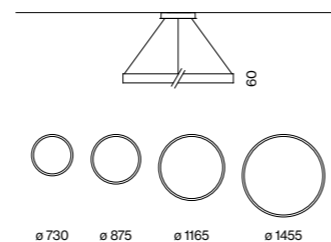
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

IT Corpo illuminante circolare in profilo di alluminio estruso rullato e senza punti di saldatura; verniciatura a polvere; sospeso con cavo a sospensione; regolazione altezza senza utensili; incl. cavo di alimentazione trasparente; alimentatore elettronico montato nel rosone; diffusore satinato in PMMA a illuminazione assolutamente omogenea; emissione verso l'interno; emissione diretta/indiretta per maggiore accentuazione del soffitto e migliore comfort visivo; LED ad efficienza energetica con elevata resa cromatica; rosone con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 80, 3 SDCM
up to 143 lm/W
L90 @ 50 000 h
DALI-2
opal

Types



Colours



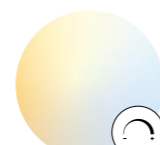
Light distribution



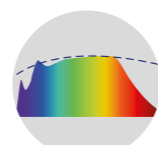
DiiA® standards
251, 252, 253



direct/indirect
illumination



tunable white
2700–6500 K



CRI ≥ 98
XPECTRUM

Order options

SUSPENSION
cable 2000 mm / canopy central

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION
cable 2000 mm

COLOUR RENDERING INDEX
CRI ≥ 90
CRI ≥ 98 XPECTRUM

CONTROL

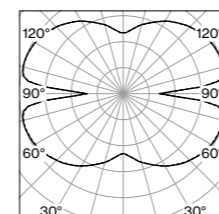
Casambi

COLOUR TEMPERATURE
tunable white 2700–6500 K
DALI-2 DT8

SHAPES

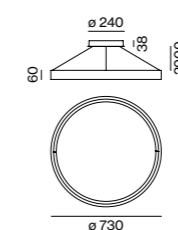
INO trig suspended
INO hex suspended
INO circle vertical suspended

Light distribution



opal high performance
direct/indirect

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

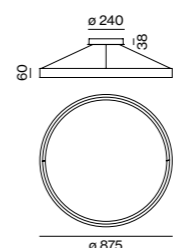


INO 700 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
32 W	2700 K	4060 lm	0 3 4 - 3 4 1 2 :: 3 H
	3000 K	4310 lm	
	4000 K	4570 lm	

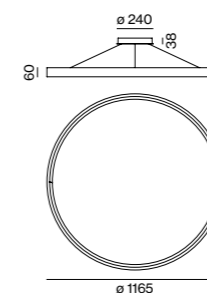


INO 900 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
39 W	2700 K	4870 lm	0 3 4 - 3 4 1 3 :: 3 H
	3000 K	5180 lm	
	4000 K	5480 lm	

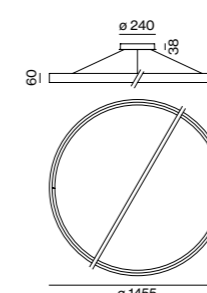


INO 1200 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
51 W	2700 K	6490 lm	0 3 4 - 3 4 1 4 :: 3 H
	3000 K	6900 lm	
	4000 K	7310 lm	

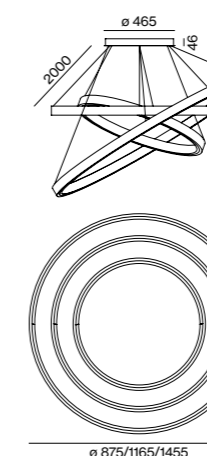


INO 1500 circle suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
64 W	2700 K	8120 lm	0 3 4 - 3 4 1 5 :: 3 H
	3000 K	8630 lm	
	4000 K	9130 lm	



INO TRIPLE circle suspended



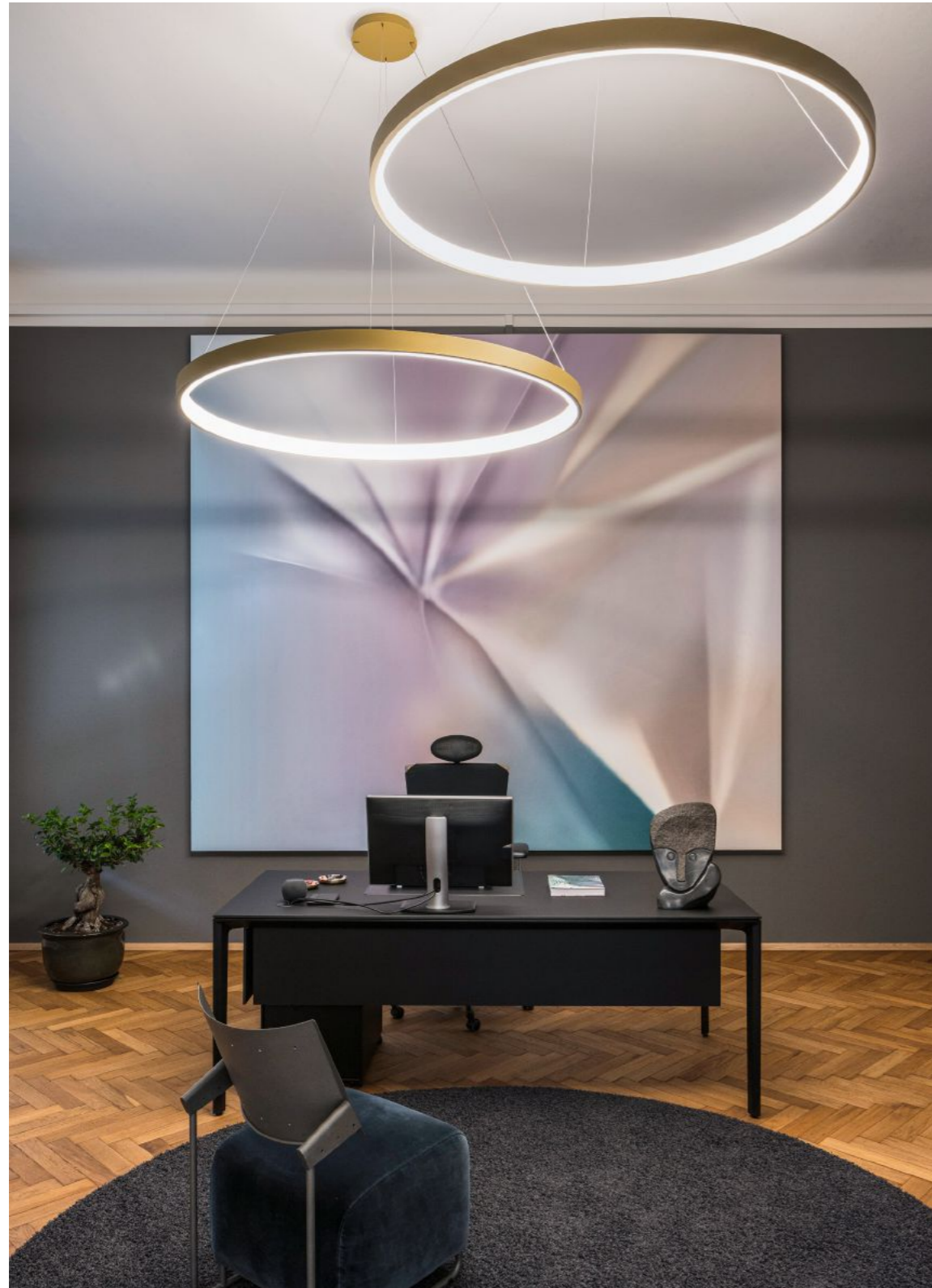
DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
154 W	2700 K	19580 lm	0 3 4 - 3 8 1 5 :: 3 H
	3000 K	20710 lm	
	4000 K	21920 lm	

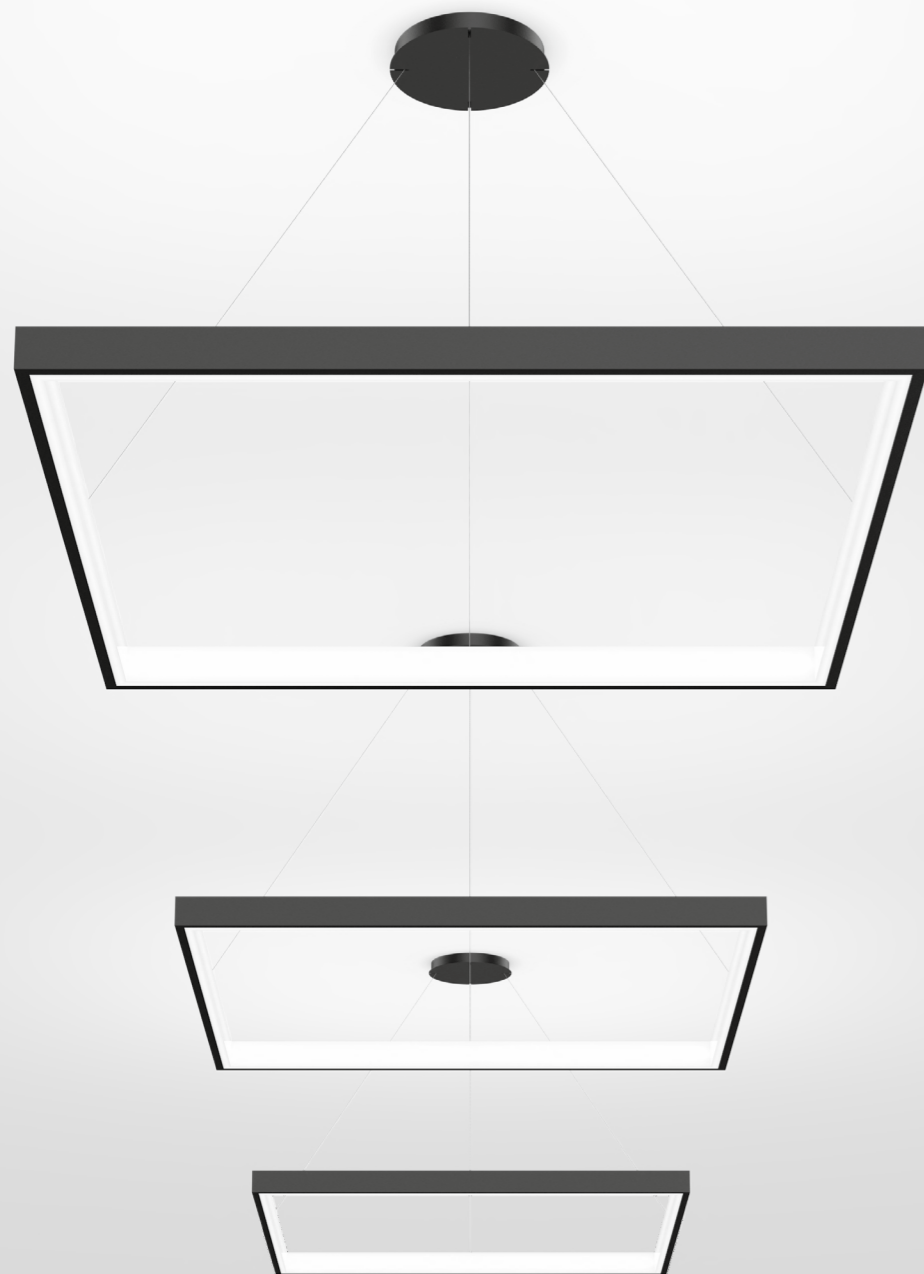
Villa Mayfair Barcelona, ES



PrimeTime Touristik und Marketing GmbH Graz, AT



← back



INO square

suspended

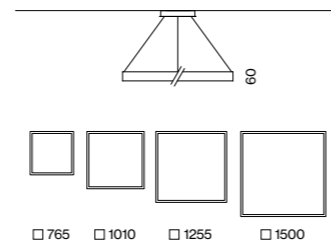
EN Square aluminium luminaire housing; surface powder coated; pendant fitting with cable suspension; height adjustment without tools; with transparent feeder cable; electronic operating unit installed in the canopy; completely homogeneously illuminated, satinised PMMA cover; inwards facing emission characteristics; direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; canopy with 2 cable openings and plug-in terminal for through wiring

IT Corpo illuminante quadrato in alluminio; verniciatura a polvere; sospeso con cavo a sospensione; regolazione altezza senza utensili; incl. cavo di alimentazione trasparente; alimentatore elettronico montato nel rosone; diffusore satinato in PMMA a illuminazione assolutamente omogenea; emissione verso l'interno; emissione diretta/indiretta per maggiore accentuazione del soffitto e migliore comfort visivo; LED ad efficienza energetica con elevata resa cromatica; rosone con 2 ingressi cavi e morsetto per cablaggio passante

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 80, 3 SDCM
 up to 144 lm/W
 L90 @ 50 000 h
 DALI-2
 opal

Types



Colours



Light distribution



Order options

SUSPENSION
 cable 2000 mm / canopy central

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL

DALI-2

MATERIAL COLOUR

○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8
● special colours* ● p. 992	X

*canopy always in white

LIGHT OPTIC COVER

opal high performance

Options on request

SUSPENSION

cable 2000 mm

COLOUR RENDERING INDEX

CRI ≥ 90
 CRI ≥ 98 XPECTRUM

CONTROL

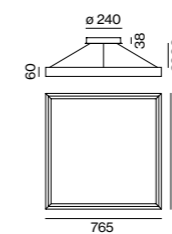
Casambi

COLOUR TEMPERATURE

tunable white 2700–6500 K
 DALI-2 DT8

SHAPES

INO trig suspended
 INO hex suspended
 INO circle vertical suspended

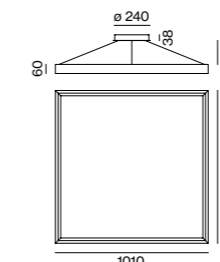


INO 750 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
40 W	2700 K	5120 lm	0 3 4 - 4 4 1 2 :: 3 H
	3000 K	5440 lm	
	4000 K	5760 lm	

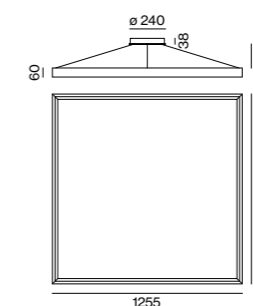


INO 1000 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
54 W	2700 K	6830 lm	0 3 4 - 4 4 1 3 :: 3 H
	3000 K	7250 lm	
	4000 K	7680 lm	

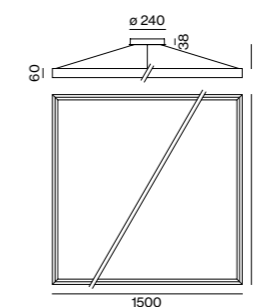


INO 1250 square suspended



DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
67 W	2700 K	8530 lm	0 3 4 - 4 4 1 4 :: 3 H
	3000 K	9070 lm	
	4000 K	9600 lm	



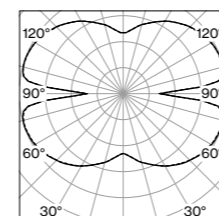
INO 1500 square suspended



DIRECT / INDIRECT

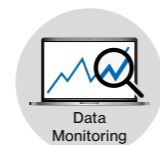
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
81 W	2700 K	10200 lm	0 3 4 - 4 4 1 5 :: 3 H
	3000 K	10900 lm	
	4000 K	11500 lm	

Light distribution



opal high performance
 direct/indirect

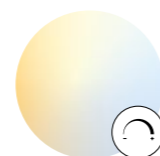
LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover opal



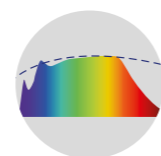
DiiA® standards
 251, 252, 253



direct/indirect
 illumination



tunable white
 2700–6500 K

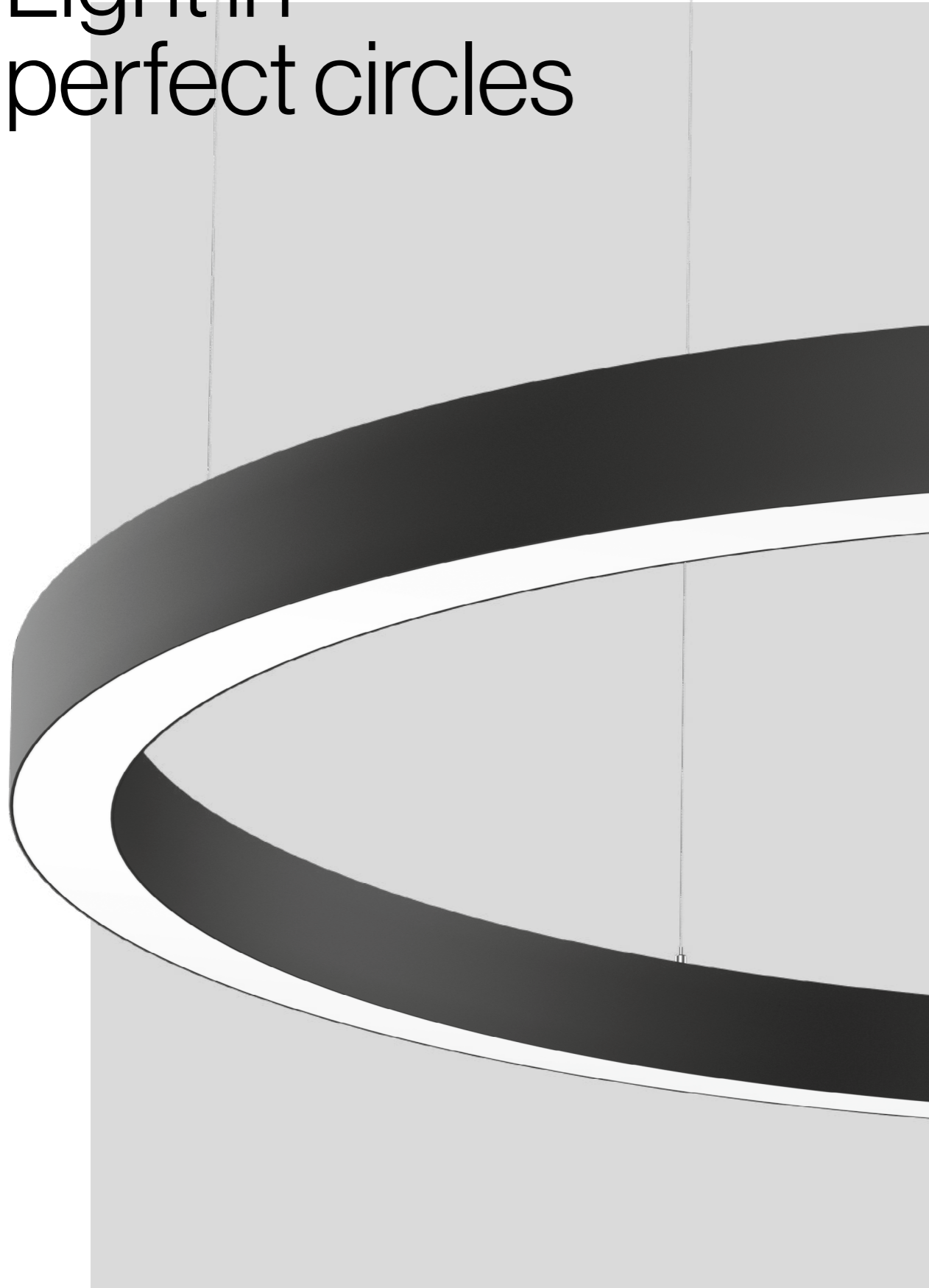


CRI ≥ 98
 XPECTRUM

Granitlab Coworking
St. Martin im Mühlkreis, AT –
by GHT-Plan GmbH with lighting design
by GHT-Plan GmbH, AREA C.I. Design GmbH



Light in perfect circles

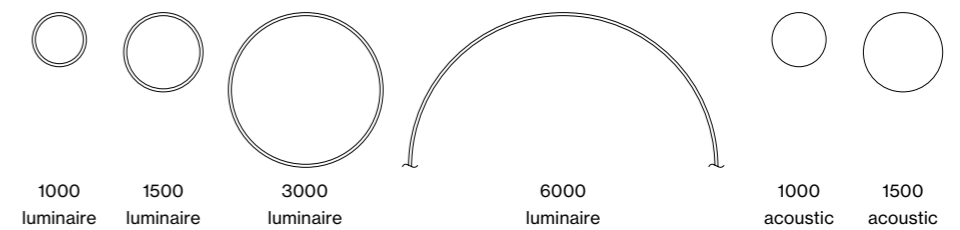


MINO CIRCLE

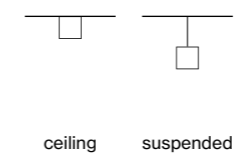
EN Beautiful circular arrangements: The grouping of MINO CIRCLE variants in different sizes and colours creates interesting and fresh ceiling patterns and figures. For optimal room acoustics, the luminaires can be supplemented with highly effective, round acoustic elements. Combine the surface-mounted ceiling and suspended versions, as well as the light colours 3000K and 4000K, for more design variety. MINO CIRCLE with indirect beam patterns provides plenty of light where additional ceiling illumination is required. For homogeneous illumination, choose luminaires with opal covers. The microprismatic cover ensures glare-free lighting.

IT Affascinanti composizioni circolari: con MINO CIRCLE si mescolano misure e colori creando composizioni interessanti e originali. Per ottimizzare l'acustica dell'ambiente si possono aggiungere efficaci elementi fonoassorbenti di forma rotonda. Si possono alternare anche i montaggi a plafone e a sospensione, oppure le temperature di colore 3000K e 4000K. Se occorre una maggior luminosità sul soffitto, basta optare per MINO CIRCLE ad emissione indiretta. Il modello con cover opale è pensato per diffondere una luce omogenea, mentre il rifrattore assicura una luce che non abbaglia.

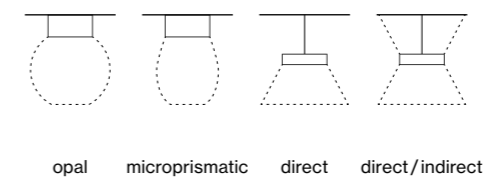
Types



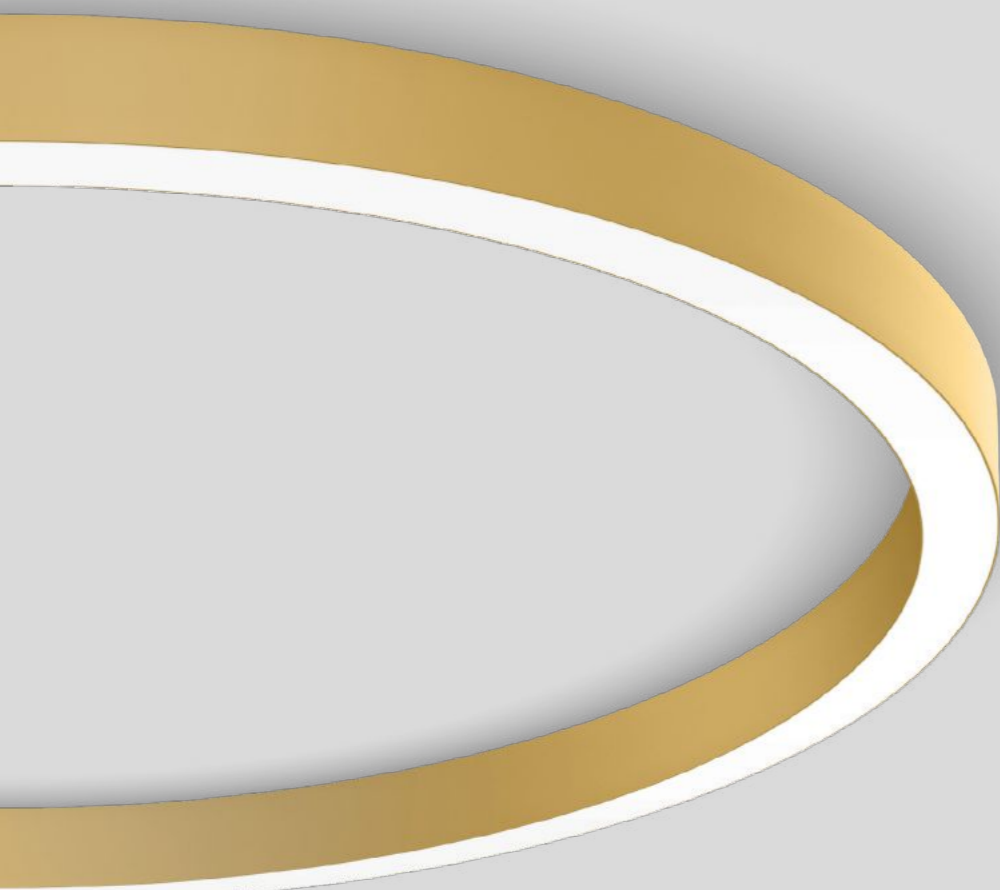
Mountings



Light distributions



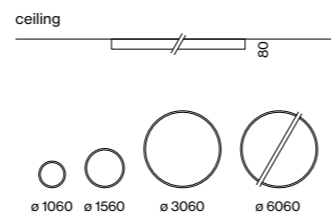
back



Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 123lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic

Types



Luminaire colours



Light distribution



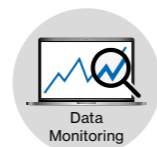
direct

MINO CIRCLE

ceiling

EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; light inset consisting of highly reflective coated die-cast aluminium for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; sound absorbing elements available; energy-efficient LEDs with very good colour rendering

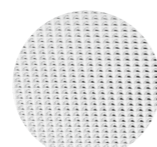
IT Corpo illuminante circolare in profilo di alluminio estruso rollato e senza punti di saldatura; verniciatura a polvere; unità d'illuminazione in alluminio pressofuso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; elementi fonoassorbente disponibile; LED ad efficienza energetica con elevata resa cromatica



DiiA® standards
251, 252, 253



direct/indirect
illumination



microprismatic



acoustic
elements (p. 606)

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> white aluminium RAL 9006	G
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

CONTROL

Casambi



MINO 60 CIRCLE 1000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
65 W	3000 K	7130 lm	0 3 4 - 2 1 1 2 :: 3
	4000 K	7550 lm	

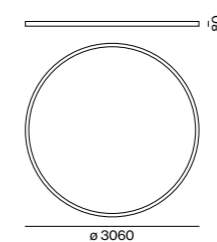


MINO 60 CIRCLE 1500 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
99 W	3000 K	11400 lm	0 3 4 - 2 1 1 0 :: 3
	4000 K	12100 lm	



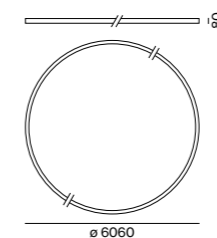
MINO 60 CIRCLE 3000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
198 W	3000 K	23000 lm	0 3 4 - 2 1 1 4 :: 3 7 H
	4000 K	24300 lm	

other configurations see MINO 60 CURVE system



MINO 60 CIRCLE 6000 ceiling



DIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
396 W	3000 K	45900 lm	0 3 4 - 2 1 1 6 :: 3 7 H
	4000 K	48600 lm	

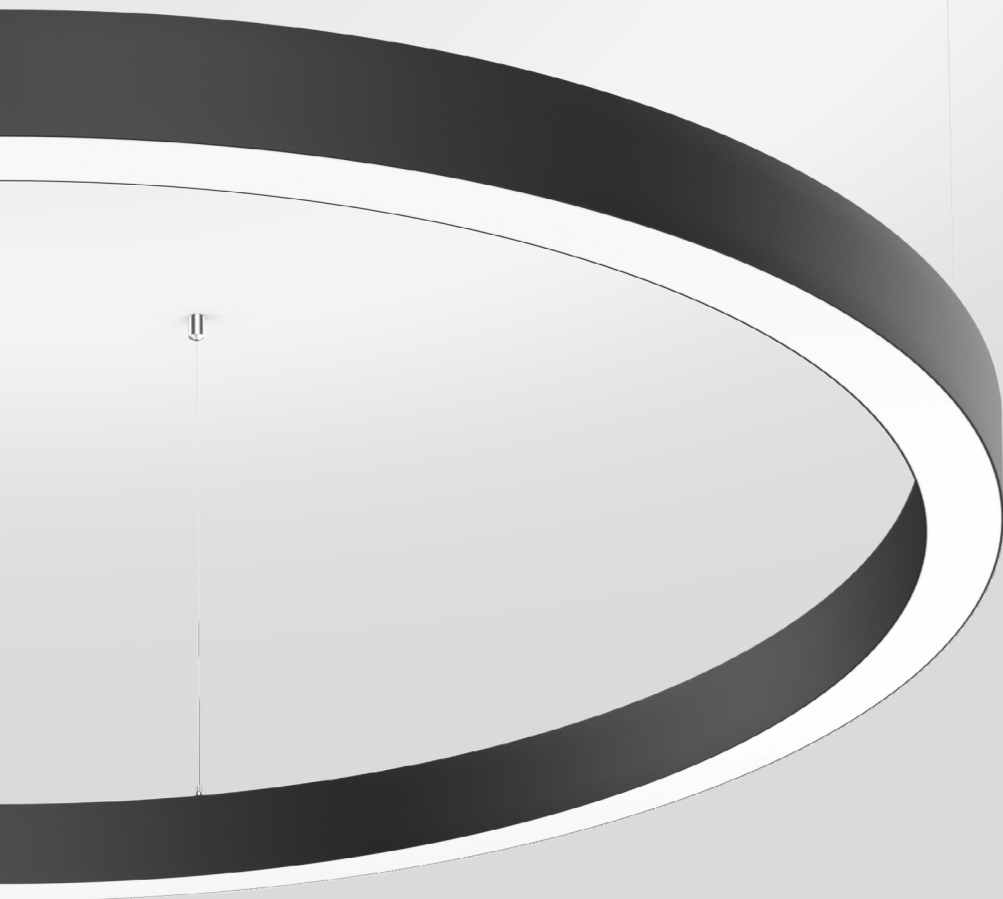
other configurations see MINO 60 CURVE system

Acoustic elements

see page 606

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

← back



MINO CIRCLE

suspended

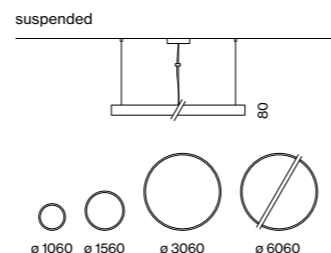
EN Ring shaped luminaire housing from rolled aluminium extruded profile, seamlessly welded; surface powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed; light inset consisting of highly reflective coated die-cast aluminium for improved thermal management; HPO (High Performance Opal) cover for uniform illumination; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; optional with direct/indirect illumination characteristic for additional emphasis of the ceiling and more visual comfort; energy-efficient LEDs with very good colour rendering; sound absorbing elements available

IT Corpo illuminante circolare in profilo di alluminio estruso rollato e senza punti di saldatura; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione trasparente; unità d'illuminazione in alluminio pressofuso con verniciatura altamente riflettente per gestione termica migliorata; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; in opzione con emissione diretta/indiretta per ulteriore accen-tuazione del soffitto e migliore comfort visivo; LED ad efficienza energetica con elevata resa cromatica; elementi fonoassorbente disponibile

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 132lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic

Types



Luminaire colours



Light distributions



Order options

SUSPENSION
cable 1500mm 2
cable 1500mm/canopy central 4

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
DALI-2

LUMINAIRE COLOUR
○ pure white RAL 9010 7
● white aluminium RAL 9006 G
● jet black RAL 9005 8
● special colours* ● p. 992 X
*canopy always in white

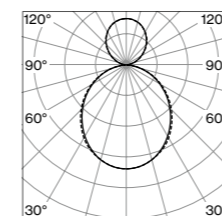
LIGHT OPTIC COVER
opal high performance H
microprismatic Z

Options on request

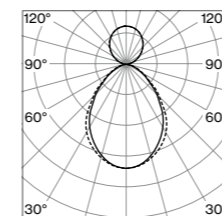
COLOUR RENDERING INDEX
CRI ≥ 90

CONTROL
Casambi

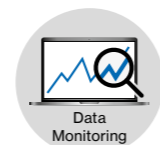
Light distributions



opal
direct/indirect



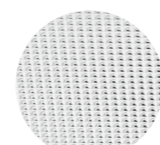
microprismatic
direct/indirect



DiiA® standards
251, 252, 253



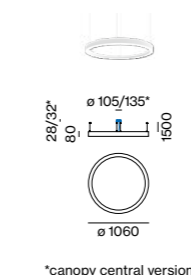
direct/indirect
illumination



microprismatic



acoustic
elements (p. 606)



*canopy central version

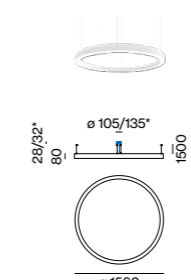
MINO 60 CIRCLE 1000 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
65 W	3000 K	7130 lm	0 3 4 - 2 5 1 2 :: 3 7 4
	4000 K	7550 lm	



DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
87 W	3000 K	↓ 7120 / ↑ 3190 lm	0 3 4 - 2 5 1 3 :: 3 7 4
	4000 K	↓ 7540 / ↑ 3380 lm	



*canopy central version

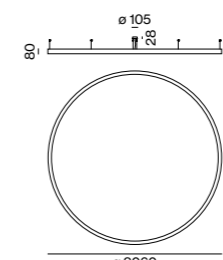
MINO 60 CIRCLE 1500 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
99 W	3000 K	11400 lm	0 3 4 - 2 5 1 0 :: 3 7 4
	4000 K	12100 lm	



DIRECT / INDIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
132 W	3000 K	↓ 11400 / ↑ 5100 lm	0 3 4 - 2 5 1 1 :: 3 7 4
	4000 K	↓ 12100 / ↑ 5400 lm	

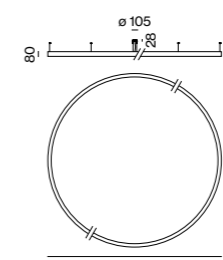


MINO 60 CIRCLE 3000 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
198 W	3000 K	23000 lm	0 3 4 - 2 2 1 4 :: 3 7 H
	4000 K	24300 lm	

other configurations see MINO 60 CURVE system



MINO 60 CIRCLE 6000 suspended



DIRECT		ORDER CODE	
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	
396 W	3000 K	45900 lm	0 3 4 - 2 2 1 6 :: 3 7 H
	4000 K	48600 lm	

other configurations see MINO 60 CURVE system

Acoustic elements

see page 606

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

Private Residence SPV29
Sofia, BG –
by ALL in STUDIO LTD
including lighting design





Crown Square's Lobby
Warsaw, PL



Vifor Pharma St. Gallen, CH –
by Aroma Architecture -
Alessandro Nicotra with lighting
design by SLG Lichtdesigner



[← back](#)


MINO CIRCLE

acoustic elements

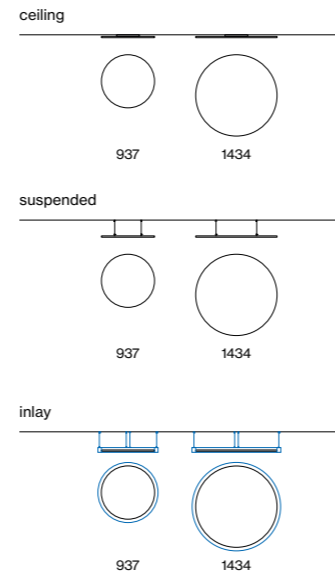
EN Acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; round design; high-quality visual and tactile surface; absorption of direct sound and sound reflected from the ceiling; this creates high acoustic performance; for insertion into MINO circle ceiling and MINO circle suspended; or single installation, choice of surface mounted and pendant versions with cable suspension; tool-less suspension height adjustment of the acoustic element

IT Elemento acustico in feltro prodotto con PET riciclato di alta qualità, autoportante e con proprietà fonoassorbenti; forma rotonda; finitura con caratteristiche estetiche e tattili di alta qualità; assorbimento del suono diretto e del suono riflesso dal soffitto; con elevata performance acustica; per inserimento in MINO circle suspended; o montaggio singolo a scelta tra versione con montaggio a plafone o sospesa con cavo a sospensione; regolazione in altezza senza attrezzi sull'elemento acustico

Quickinfo

PET felt
 ♻️ from recycled material
 up to absorption class A
 🔥 B-s1, d0

Types



Colours

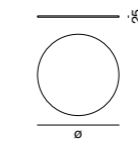
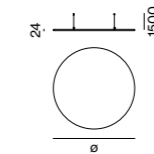
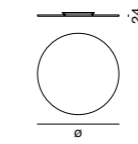


Order options

MATERIAL COLOUR

<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> black	L

other colours on request



MINO CIRCLE ACOUSTIC ceiling

ACOUSTIC ELEMENT		
TYPE	Ø-H (mm)	ORDER CODE
1000 ceiling	937-25	034-271111 ▶
1500 ceiling	1434-25	034-271211 ▶

MINO CIRCLE ACOUSTIC suspended

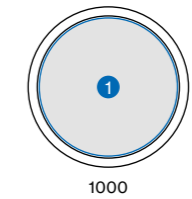
ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1000 suspended	937-25	034-272111 ▶
1500 suspended	1434-25	034-272211 ▶

cable suspension 1500 mm

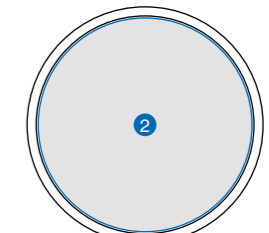
MINO CIRCLE ACOUSTIC inlay

ACOUSTIC ELEMENT		
TYPE	L-W-H (mm)	ORDER CODE
1 MINO circle 1000	937-25	034-270111 ▶
2 MINO circle 1500	1434-25	034-270211 ▶

only in combination with MINO 60 CIRCLE ceiling or MINO 60 CIRCLE suspended;
 acoustic inlay for MINO 60 CIRCLE suspended with central canopy on request;



1000



1500



easy
mounting

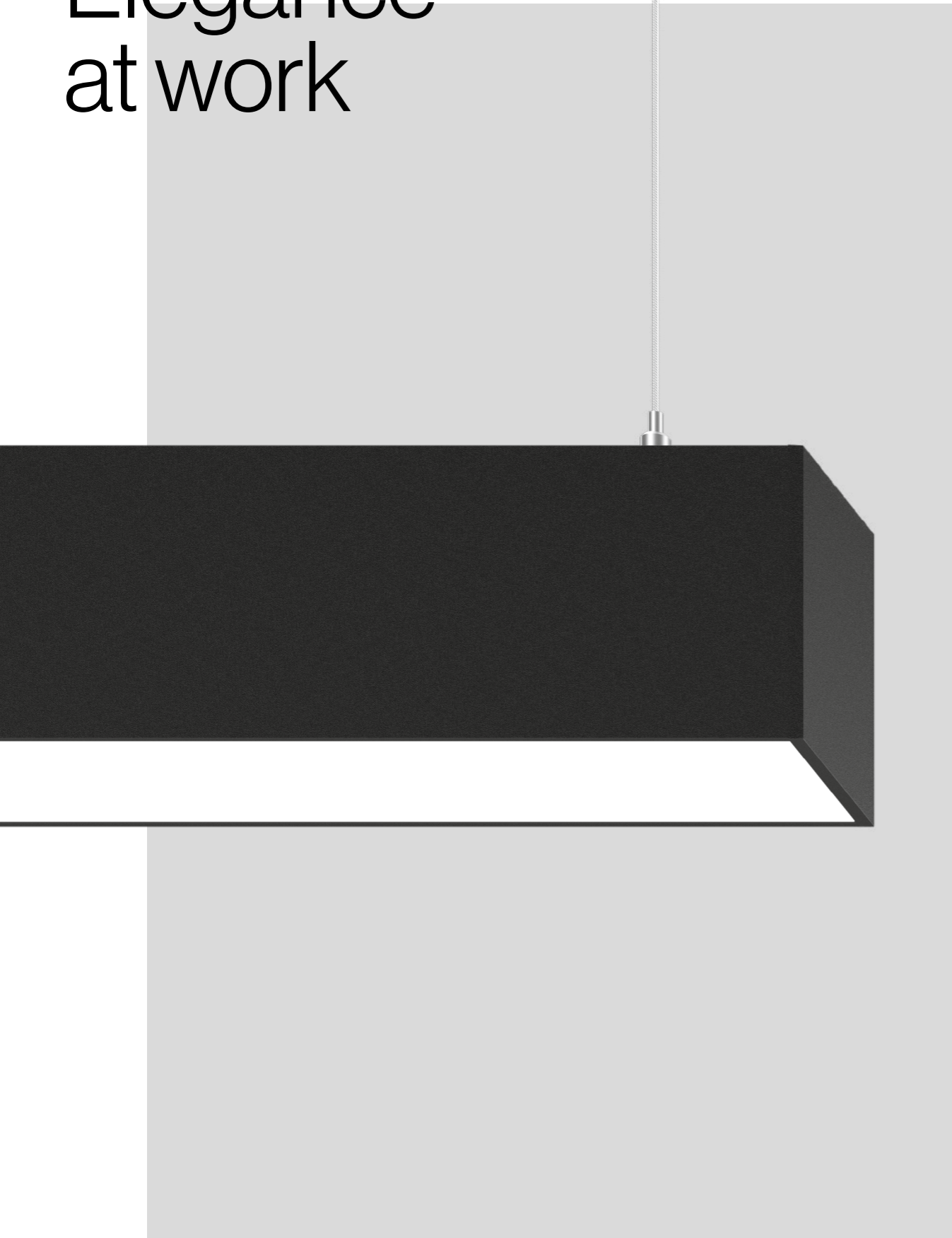


recycled
material

Planday Copenhagen, DK –
lighting design by anker & co



Elegance at work



LITO

EN LITO is a versatile, elegant, and strikingly slim office luminaire. It is available in three standard colours: white, black, and grey. The available versions comply with the standard specifications for workstations. LITO with a microprismatic cover ensures homogeneous illumination, while the reflector version with faceted optics casts directed, glare-free light onto the work surface. LITO comes with a 170° wide beam indirect light to provide pleasant ceiling illumination. Optionally equipped with a brightness & presence sensor, LITO reacts dynamically to people in the office and changing daylight. This generates a friendly working environment and saves energy.

IT LITO è un corpo illuminante molto versatile, elegante e spiccatamente sottile, da destinare agli uffici. La scelta comprende due larghezze, tre colori standard (bianco, nero, grigio). Le ottiche disponibili sono due, entrambe conformi alle normative sulle postazioni di lavoro: la cover microprismatica diffonde una luce omogenea, la variante sfaccettata schermo la luce e la concentra sul piano di lavoro. La componente indiretta si distribuisce sul soffitto a 170° creando un'atmosfera piacevole. Si può optare anche per un sensore di luminosità e presenze: in tal caso LITO reagisce dinamicamente alle condizioni circostanti, assicurando comfort oltre a risparmio energetico.

Type



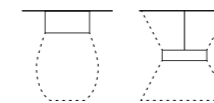
60

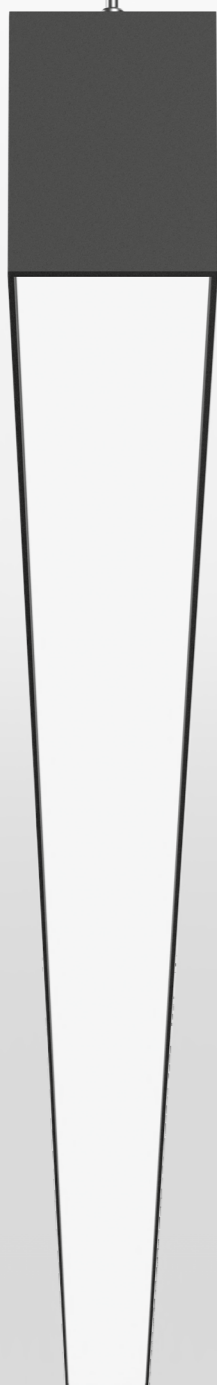
Mounting



suspended

Light distributions

microprismatic
(UGR ≤ 19)direct
indirect



LITO 60

suspended

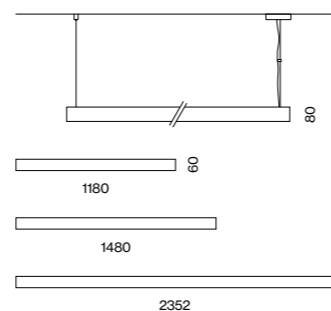
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; suspended; with integrated tool-less suspension height adjustment; spring clip attachment to the luminaire; freely positionable; with transparent feeder cable; light inset made from extruded profile for improved thermal management; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; direct / indirect light distribution; indirect light component with integrated PC boards for maximum, homogeneous ceiling illumination; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; sospeso; altezza regolabile sull'apparecchio, senza utensili; fissaggio sull'apparecchio tramite clip a molla; libertà di posizionamento; con cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso per migliorare il bilancio termico; rifrattore in PMMA a microprismi incl. pellicola di diffusione per ridurre la luminanza mantenendo l'illuminazione omogenea; emissione diretta/indiretta; luce indiretta con chip dedicati, per una luminosità estensiva ed omogenea sul soffitto; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 up to 116lm/W
 L90 @ 50 000h
 non DIM, DALI-2
 brightness & presence sensor
 microprismatic (UGR ≤ 19)

Types



Colours



Light distribution



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3
ESSENTIAL sensor (brightness & presence)	7

MATERIAL COLOUR	
○ pure white RAL 9010	7
● white aluminium RAL 9006	G
● jet black RAL 9005	8

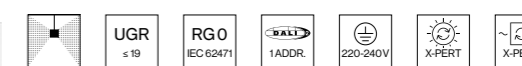
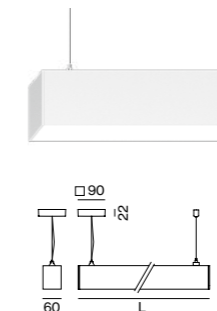
LIGHT OPTIC COVER
 microprismatic (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 90

CONTROL
 dynamic daylight control

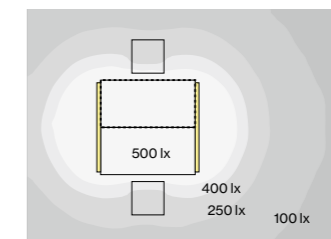
LITO 60 suspended



DIRECT / INDIRECT

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K	↓ 2610 / ± 1880lm	1180	0 4 6 - 5 2 2 4 :: ▢ ▢ Z
	4000K	↓ 2760 / ± 1990lm		
51W	3000K	↓ 3260 / ± 2350lm	1480	0 4 6 - 5 2 2 5 :: ▢ ▢ Z
	4000K	↓ 3450 / ± 2480lm		
82W	3000K	↓ 5220 / ± 3750lm	2352	0 4 6 - 5 2 2 8 :: ▢ ▢ Z
	4000K	↓ 5520 / ± 3980lm		

Technical data



LITO 60 suspended, 51W, 4000K
 direct/indirect

ROOM VALUES
 Room dimensions 5.4 × 4 × 2.8m
 Reflection factor 0.7 | 0.5 | 0.2
 Maintenance factor 0.8
 Mounting height 2.25m

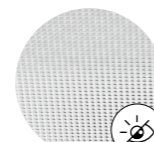
CALCULATION SURFACE
 Surface dimensions 1.6 × 0.8
 Surface height 0.75
 Average illuminance (E_m) > 500lx
 Uniformity (U₀) > 0.6



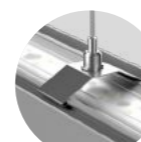
GLARE EVALUATION
 Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19



DiiA® standards
 251, 252, 253



microprismatic
 (UGR ≤ 19)

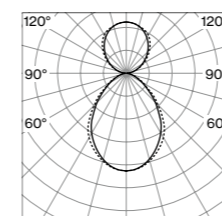


suspension freely
 positionable



170° indirect
 illumination

Light distribution

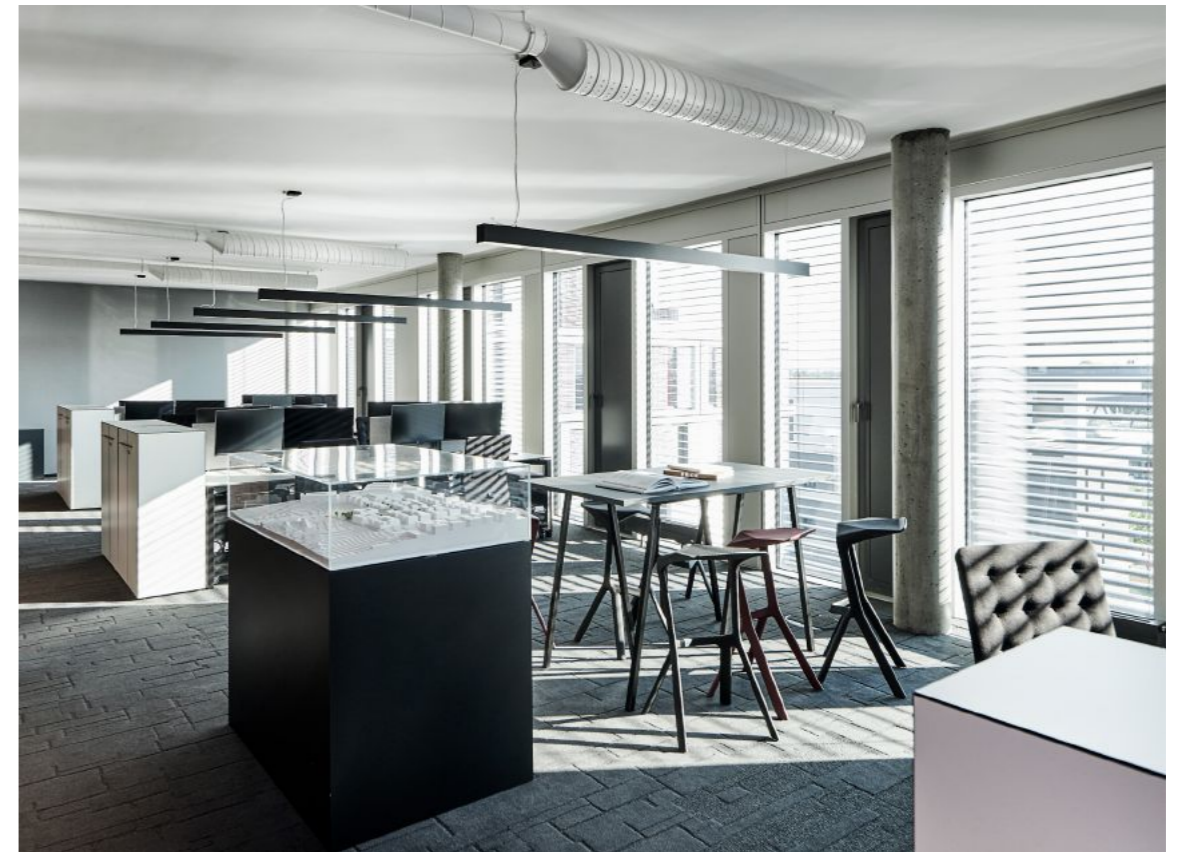


microprismatic
 direct/indirect

LUMINOUS FLUX value calculated for
 CRI ≥ 80, colour white, cover microprismatic



Deutsche Wohnwerte GmbH & Co. KG
Heidelberg, DE - by brandherm + krumrey
with lighting design by notholt lighting design



Enlightened by acoustics

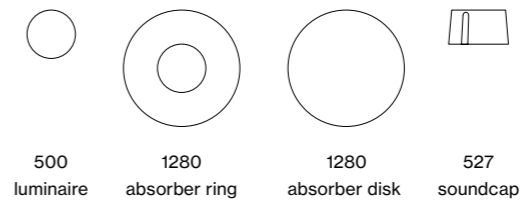


SONIC

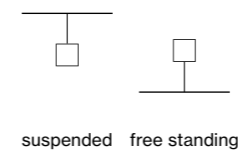
EN SONIC optimises lighting and room acoustics in one. The optional absorber elements emphasise the luminaire's modern design and ensure a pleasant acoustic environment. Alternatively, you can combine SONIC with sound-absorbing luminaire shades in 14 different colours. The cover with embossed microprisms promises outstanding lighting quality and workplace-friendly light. SONIC is available in the light colours 3000K or 4000K, and can be selected with a brightness and movement sensor, allowing the luminaire to react actively and energy-efficiently to its environment.

IT Con SONIC si ottimizza sia l'illuminazione che l'acustica. Gli elementi fonoassorbenti opzionali valorizzano il design moderno del corpo illuminante e allo stesso tempo assicurano un'acustica gradevole. Volendo si può combinare SONIC con schermi fonoassorbenti in 14 colori diversi. La cover microprismatica assicura una luce di qualità ottima, compatibile con le postazioni di lavoro. SONIC è disponibile in temperature di colore 3000K o 4000K ed è anche disponibile in una versione con sensori di luminosità e presenza: in questo modo l'illuminazione reagisce al contesto e migliora l'efficienza energetica.

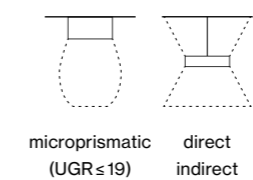
Types



Mountings



Light distributions



back



SONIC

suspended

EN Conical light housing in die-cast aluminium; powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. transparent feed or with height adjustable rod suspension (chrome), feed in rod; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

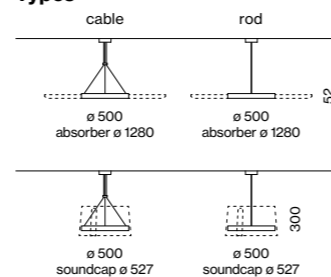
IT Corpo illuminante conico in alluminio pressofuso; verniciatura a polvere; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; incl. cavo di alimentazione trasparente o con asta di sospensione accorciabile (cromata), cavo alimentazione nell'asta di sospensione; emissione diretta/indiretta; comp. luce indir. – PCB speciali per mass. flusso lum. (illum. massima del soffitto); illuminazione assolutamente omogenea; LED a risp. energ. – ottima resa cromatica; rosone per cablaggio passante; Elementi acustici in feltro prodotto con PET riciclato di alta qualità e autoportante (alte prestazioni acustiche grazie al materiale doppiato) o come paralume acusticamente efficace (ampia scelta di colori) con proprietà fonoassorbenti

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 152lm/W
L90 @ 50 000h
DALI-2
brightness & presence sensor
microprismatic (UGR ≤ 19)

acoustic elements
♻️ from recycled material
🔥 available as B-s1, d0

Types



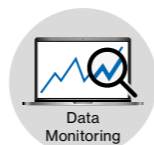
Luminaire colours



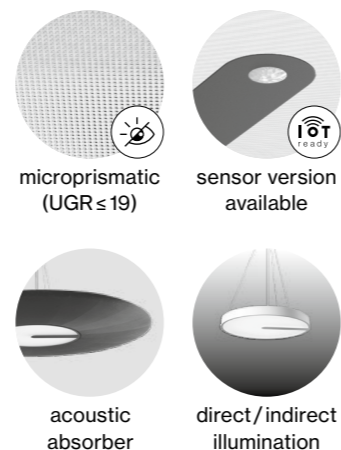
Acoustic colours



Light distribution



DiiA® standards
251, 252, 253



Order options

SUSPENSION
cable 1500mm 2
rod 1000mm 4

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL
DALI-2 3
ESSENTIAL sensor
(brightness & presence) 7

LUMINAIRE COLOUR
○ pure white RAL 9010 7
● black grey RAL 7021 6
● special colours* p. 992 X
*canopy always in white

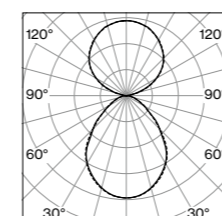
ACOUSTIC COLOUR
○ white W
● marble grey D
● felt grey G
● black L
● special colours p. 992 X

LIGHT OPTIC COVER
microprismatic (UGR ≤ 19)

Options on request

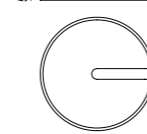
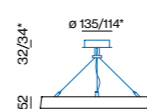
COLOUR RENDERING INDEX
CRI ≥ 90

Light distribution

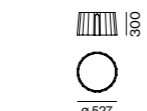
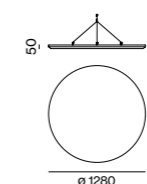
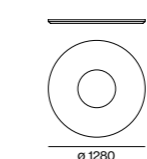


microprismatic
direct/indirect

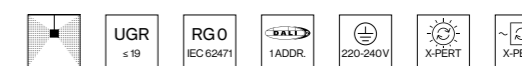
LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic



rod version



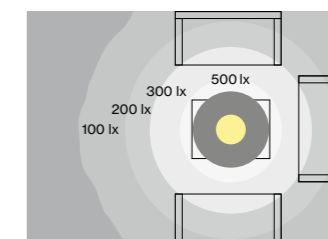
SONIC suspended



DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 7 2 1 1 1 P
	4000K	↓ 5290/± 5230lm	

Technical data



SONIC suspended, 69W, 4000K
direct/indirect with absorber

ROOM VALUES
Room dimensions 5.4 × 4 × 2.8m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8
Mounting height 2.25m

CALCULATION SURFACE
Surface dimensions Floor
Surface height 0.5m



GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19

Acoustic elements

SONIC ABSORBER ring

COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 1 1 1 1 W
marble grey	1280-50	0 5 9 - 7 7 1 1 1 1 D
black	1280-50	0 5 9 - 7 7 1 1 1 1 L

only in combination with SONIC suspended or SONIC free standing

SONIC ABSORBER DISK suspended

COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 2 2 1 1 W
marble grey	1280-50	0 5 9 - 7 7 2 2 1 1 D
black	1280-50	0 5 9 - 7 7 2 2 1 1 L

cable suspension 1500mm

SONIC SOUNDCAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1 P

only in combination with SONIC suspended or SONIC free standing;
bracket colour white; other bracket colours on request;



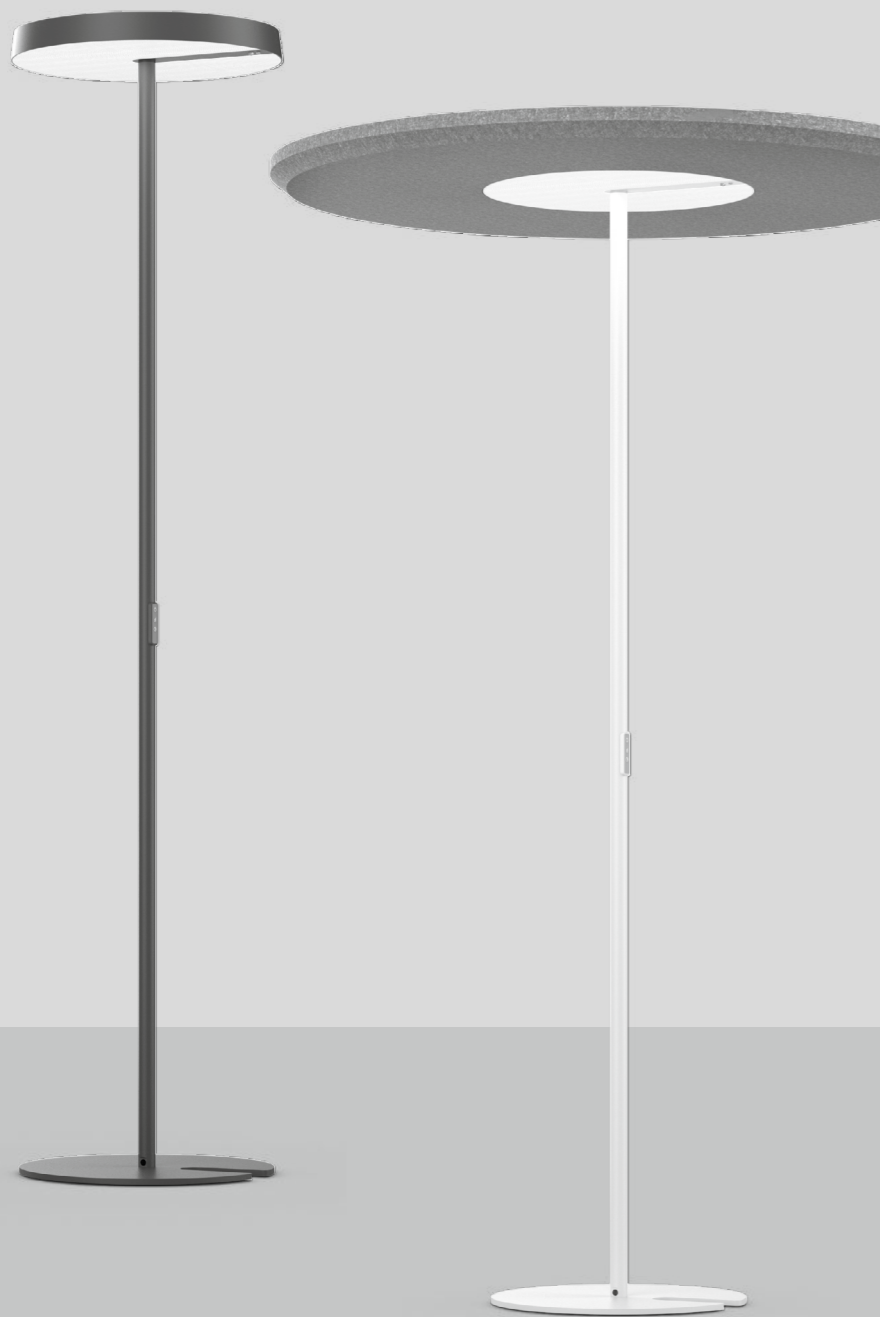
C&P Immobilien AG headquarters
Graz, AT – by INNOCAD Architektur ZT



Secure Link Antwerp, BE –
by PROJECTARCHITECTUUR
including lighting design



← back



SONIC

free standing

Free standing luminaire with conical luminaire head in die-cast aluminium; powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; incl. connection cable (3 m) with safety plug; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

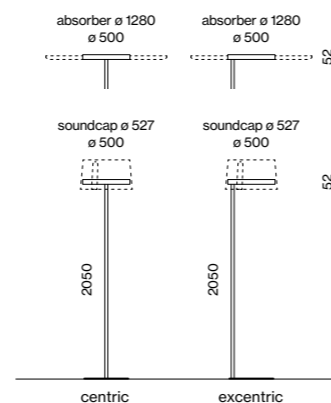
Piantana con testata conica in alluminio pressofuso; verniciatura a polvere; stelo rotondo in alluminio a scelta con disposizione centrale o laterale; piedistallo rotondo con apertura per piede tavolo; emissione diretta/indiretta; comp. luce indir. – PCB speciali per mass. flusso lum. (illum. massima del soffitto); opzionale: componente di luce indiretta con piastre proprie inclinate per un'emissione asimmetrica; illuminazione assolutamente omogenea; LED a risp. energ. – ottima resa cromatica; incl. cavo di collegamento (3 m) con spina Schuko; elementi acustici in feltro prodotto con PET riciclato di alta qualità e autoportante (alte prestazioni acustiche grazie al materiale doppiato) o come paralume acusticamente efficace (ampia scelta di colori) con proprietà fonoassorbenti

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 152lm/W
L90 @ 50 000h
non DIM, touch DIM on pole
brightness & presence sensor
microprismatic (UGR ≤ 19)

acoustic elements
from recycled material
available as B-s1, d0

Types



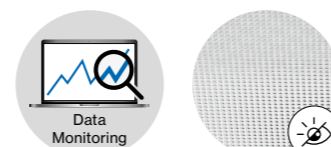
Luminaire colours



Acoustic colours



Light distribution



DiiA® standards
251, 252, 253

microprismatic
(UGR ≤ 19)



sensor version
available

direct/indirect
illumination

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM switch	1
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

LUMINAIRE COLOUR	
pure white RAL 9010	7
black grey RAL 7021	6
special colours p.992	X

ACOUSTIC COLOUR	
white	W
marble grey	D
felt grey	G
black	L
special colours p.992	X

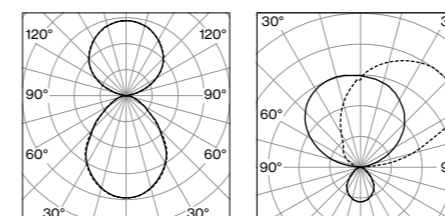
LIGHT OPTIC COVER	
microprismatic (UGR ≤ 19)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

CONTROL	
cluster network DIM	
dynamic daylight control (BPI)	
Zigbee 3.0	

Light distributions



microprismatic
direct/indirect

microprismatic
direct/indirect asym. power

LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover microprismatic

SONIC centric pole free standing

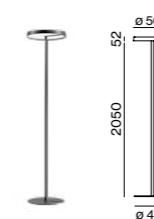


DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 1 :: ▢ ▢ P
	4000K	↓ 5290/± 5230lm	

DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	↓ 2580/± 9300lm	0 5 9 - 7 9 4 1 :: ▢ ▢ P
	4000K	↓ 2730/± 9960lm	



SONIC excentric pole free standing

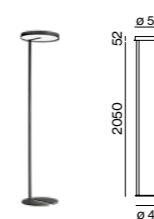


DIRECT/INDIRECT

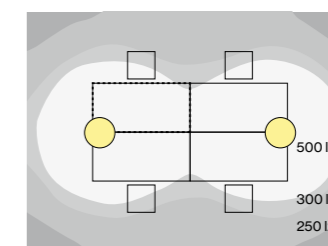
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 2 :: ▢ ▢ P
	4000K	↓ 5290/± 5230lm	

DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
98W	3000K	↓ 2580/± 9300lm	0 5 9 - 7 9 4 2 :: ▢ ▢ P
	4000K	↓ 2730/± 9960lm	



Technical data



SONIC excentric pole free standing
69W, 4000K, direct/indirect

ROOM VALUES
Room dimensions 5.4 × 4 × 2.8 m
Reflection factor 0.7 | 0.5 | 0.2
Maintenance factor 0.8

CALCULATION SURFACE
Surface dimensions 1.6 × 0.8
Surface height 0.75
Average illuminance (E_m) > 500 lx
Uniformity (U₀) > 0.6



GLARE EVALUATION
Table Classification X=4H | Y=8H | S=0.25H
UGR transversal ≤ 19
UGR axial ≤ 19

Acoustic elements

SONIC ABSORBER ring

COLOUR	Ø-H (mm)	ORDER CODE
white	1280-50	0 5 9 - 7 7 1 1 1 1 W
marble grey	1280-50	0 5 9 - 7 7 1 1 1 1 D
black	1280-50	0 5 9 - 7 7 1 1 1 1 L

only in combination with SONIC centric pole free standing;
for SONIC ABSORBER DISK suspended see p.619

SONIC SOUND CAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1 ▢

only in combination with SONIC suspended or SONIC free standing;
bracket colour white; other bracket colours on request

**DocSander - Dentist Practice
Room** Munich, DE –
by architopia_christine detering
gramming Architekten



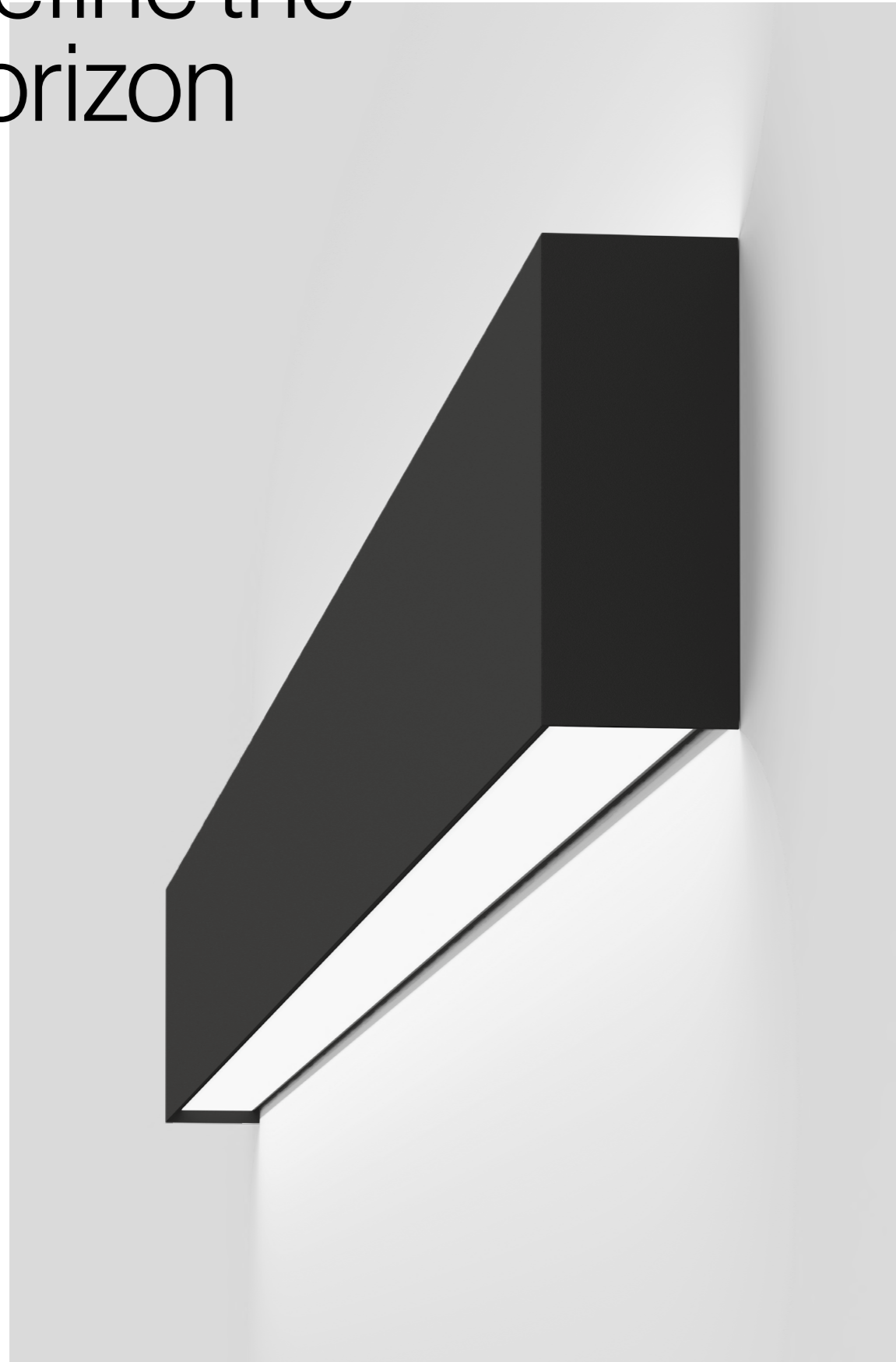
Lotus Bakeries Baar, CH –
lighting design by Lilarosso



Borealis AG Vienna, AT –
by burghardt zt gesmbh



Define the horizon

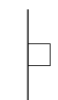


LINEA

EN Elegant room accentuation, highest performance. LINEA is a reduced, convertible luminaire for stylish wall, floor, and ceiling illumination. The extraordinarily narrow wall profile is completed by various lighting insets. Different beam patterns can be easily combined. For example, an opal cover for homogeneous illumination and asymmetrical illumination for brightening floors or ceilings. Spotlights can be chosen for elegant accentuation or as reading lights. LINEA is available as an individual decorative luminaire in different lengths. Choose between white, black, and special colours for the profile. The inserts optionally have a colour rendering of up to $\text{CRI} \geq 98$. In addition, the light inserts themselves can be selected in the light colours 2700K, 3000K, 4000K, or as a Tunable White option.

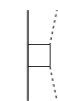
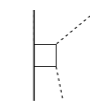
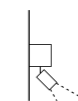
IT Accenti suggestivi e con il massimo dell'efficacia: LINEA è un elemento molto ridotto ma flessibile per illuminare con stile pareti, pavimenti e soffitti. Nel profilo ultrasottile si inseriscono vari tipi di inserti luminosi. Il fissaggio è magnetico, sul lato superiore e/o inferiore del profilo, pertanto le unità si sostituiscono facilmente. Le distribuzioni fotometriche si combinano senza problemi: è possibile alternare cover opali per una luce omogenea, elementi per accenti sulle pareti oppure illuminazione asimmetrica di pavimenti e soffitti. Gli spot possono servire per raffinati accenti luminosi o anche come luce di lettura. LINEA è un decorativo apparecchio in sistema, disponibile in tre lunghezze. I colori a scelta sono bianco, nero e colori speciali. Gli inserti luminosi vantano una resa cromatica che arriva a $\text{CRI} \geq 98$. Sono previste le temperature di colore 2700K, 3000K, 4000K oppure l'opzione Tunable White.

Mounting



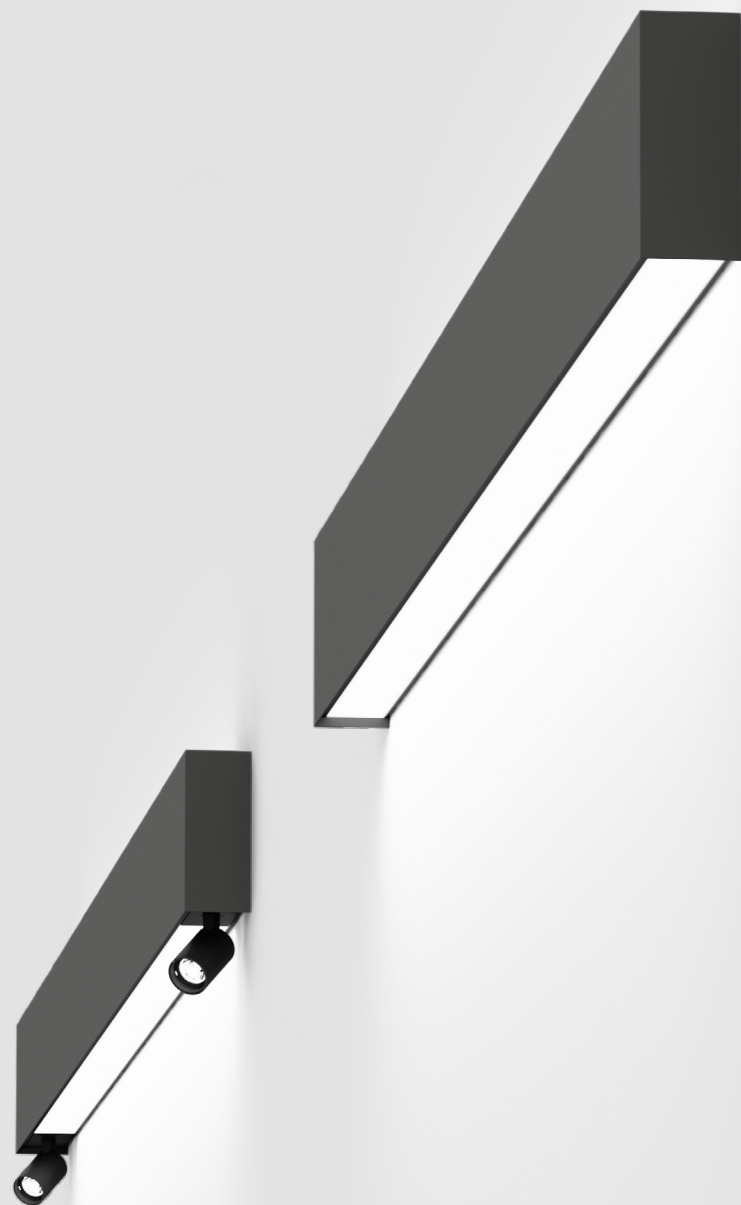
wall

Light distributions

opal
opalasymmetric
opal

spot

back



LINEA

wall

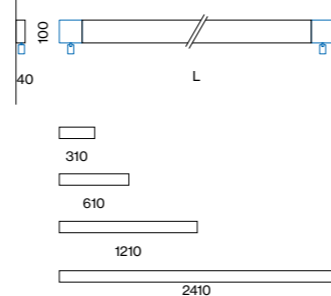
EN Luminaire housing and front cover from extruded aluminium profile, angular version; no visible screws; surface powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; HPO (High Performance Opal) cover for uniform illumination; or with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); energy-efficient LEDs with very good colour rendering; optionally with switch for the JUST 26 spotlight modules

IT Corpo illuminante e copertura frontale in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; montaggio a parete; distribuzione diretta/indiretta equilibrata per una luminosità omogenea del soffitto o parete; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; o con lente asimmetrica appositamente tarata per livelli di illuminazione omogenei (montaggio per l'illum. pavimento o soffitto a scelta); LED ad efficienza energetica con elevata resa cromatica; in opzione con interruttore per inserto a faretto JUST 26

Quickinfo

3000K, 4000K, TW
CRI ≥ 90, 3 SDCM
up to 117lm/W
L85 @ 50 000 h
non DIM, DALI-2

Types



Colours



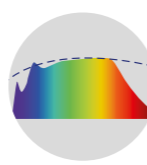
Light distributions



asym./ opal/ opal/
opal opal spot



system
solution (p. 960)



CRI ≥ 98
XPECTRUM

Order options

COLOUR TEMPERATURE

3000K	5
4000K	6
tunable white 2700–5000K*	D

*available from L 610 mm | DALI-2 DT8

CONTROL

non DIM	1
non DIM/ switch (only spotlights)	2
DALI-2	3
DALI-2/ switch (only spotlights)	4

MATERIAL COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8

SPOTLIGHT ALIGNMENT

left	B
right	C
left and right	

spotlight(s) only with 3000K

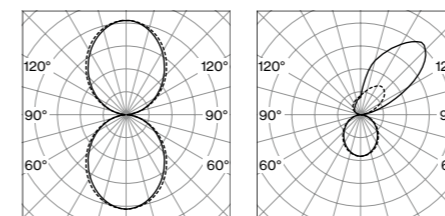
Options on request

COLOUR RENDERING INDEX
CRI ≥ 98 XPECTRUM

COLOUR TEMPERATURE
2700K

MATERIAL COLOUR
special colours

Light distributions

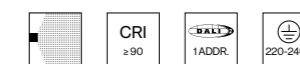


↓ opal high performance
↑ opal high performance

↓ opal high performance
↑ asymmetric

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, cover opal

LINEA wall



↓ OPAL HIGH PERFORMANCE / ↑ OPAL HIGH PERFORMANCE

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7 W	3000K	↓ 648/↑ 648lm	310	058-6171::↓↑AH
	4000K	↓ 715/↑ 715lm		
29.3 W	3000K	↓ 1300/↑ 1300lm	610	058-6172::↓↑AH
	4000K	↓ 1430/↑ 1430lm		
59 W	3000K	↓ 2590/↑ 2590lm	1210	058-6174::↓↑AH
	4000K	↓ 2860/↑ 2860lm		
111 W	3000K	↓ 5190/↑ 5190lm	2410	058-6178::↓↑AH
	4000K	↓ 5720/↑ 5720lm		



↓ OPAL HIGH PERFORMANCE / ↑ ASYMMETRIC

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
14.7 W	3000K	↓ 648/↑ 821lm	310	058-6171::↓↑AA
	4000K	↓ 715/↑ 906lm		
29.3 W	3000K	↓ 1300/↑ 1640lm	610	058-6172::↓↑AA
	4000K	↓ 1430/↑ 1810lm		
59 W	3000K	↓ 2590/↑ 3280lm	1210	058-6174::↓↑AA
	4000K	↓ 2860/↑ 3620lm		
111 W	3000K	↓ 5190/↑ 6570lm	2410	058-6178::↓↑AA
	4000K	↓ 5720/↑ 7250lm		



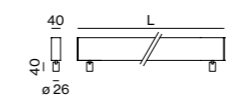
↓ OPAL HIGH PERFORMANCE / 1 SPOTLIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
29.3 W	3000K	↓ 1300/↑ 1300lm	710	058-6172::↓↑H
	4000K	↓ 1430/↑ 1430lm		
59 W	3000K	↓ 2590/↑ 2590lm	1310	058-6174::↓↑H
	4000K	↓ 2860/↑ 2860lm		
111 W	3000K	↓ 5190/↑ 5190lm	2510	058-6178::↓↑H
	4000K	↓ 5720/↑ 5720lm		



↓ OPAL HIGH PERFORMANCE / 2 SPOTLIGHTS

SYS. POWER	COLOUR TEMP.	LUMINOUS FLUX	L (mm)	ORDER CODE
59 W/2x6 W	3000K	↓ 2590/3280lm	1410	058-6174::↓↑DH
	4000K	↓ 2860/3620lm		
111 W/2x6 W	3000K	↓ 5190/6570lm	2610	058-6178::↓↑DH
	4000K	↓ 5720/7250lm		





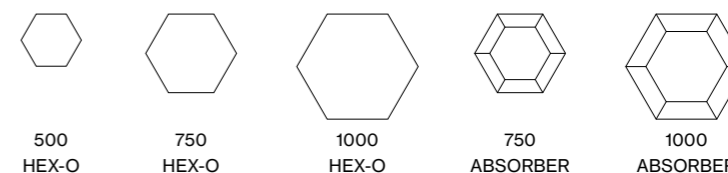
Shaping the office environment

HEX-O

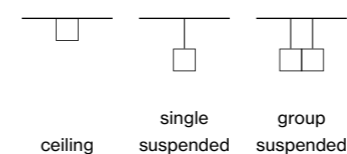
EN HEX-O is a sculptural light acoustics solution that features a modern design and fulfils two essential functions: lighting and room acoustics. State-of-the-art LED technology meets highly efficient acoustic elements to create an optimal working environment. The microprismatic cover provides glare-free light with $UGR \leq 19$. HEX-O with an opal cover creates a pleasant and homogeneous room illumination. The combinable polygonal acoustic elements made of 60% recycled PET fleece work through sound absorption and scattering for all-round balanced room acoustics.

IT HEX-O è una soluzione scultorea che convince per il design moderno ma soprattutto perché combina due funzioni: luce e acustica. L'insieme di modernissima tecnologia LED e pannelli fonoassorbenti ad alta efficacia assicura condizioni di lavoro ottimali. La cover microprismatica diffonde la luce con schermatura $UGR \leq 19$. La variante HEX-O con cover opale crea una luminosità particolarmente omogenea. I pannelli fonoassorbenti hanno forme poligonali che si possono combinare. Ricavati al 60% da fibre di PET riciclate, limitano il riverbero assorbendo l'energia sonora e procurando un'acustica equilibrata.

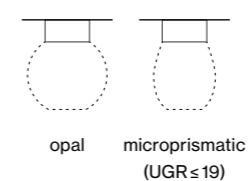
Types



Mountings



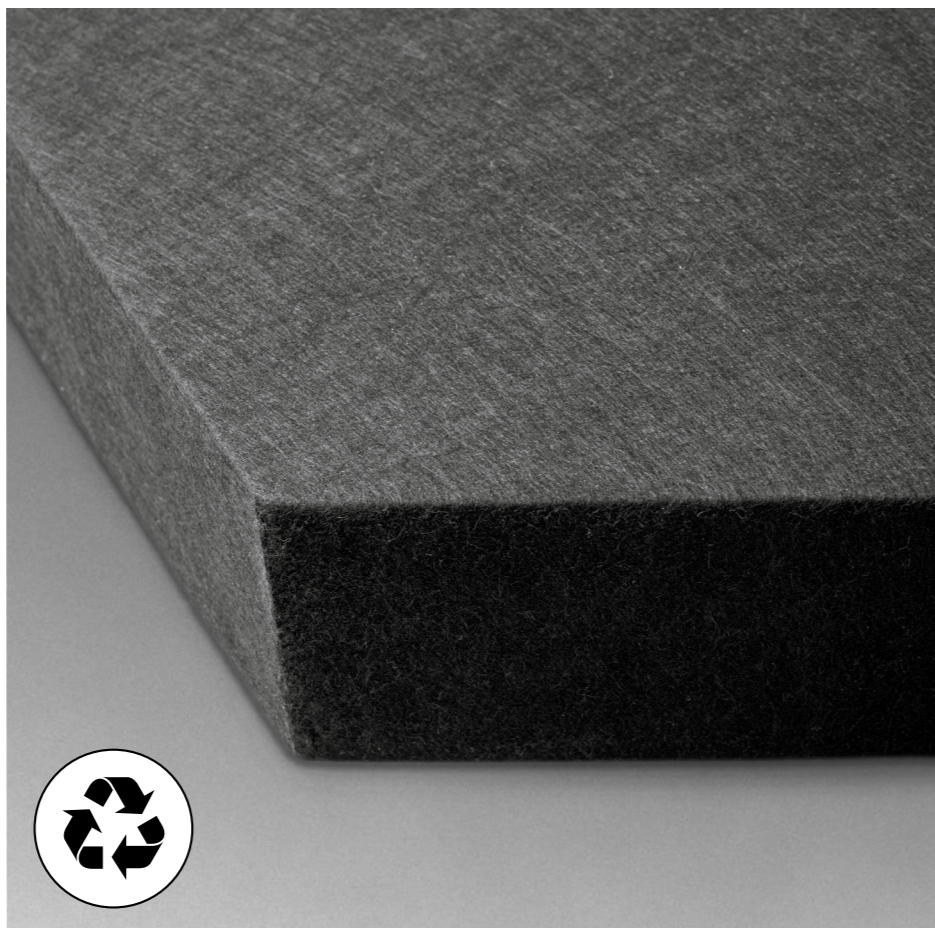
Light distributions



Recycled PET

EN HEX-O sound absorbers are made of optically high-quality PET fleece. The velvety, structured material is 60% recycled PET fleece and has optimal room-acoustic properties. A folding technique specially developed by XAL achieves completely smooth edges, which round off the acoustic bodies visually and in their acoustic efficiency.

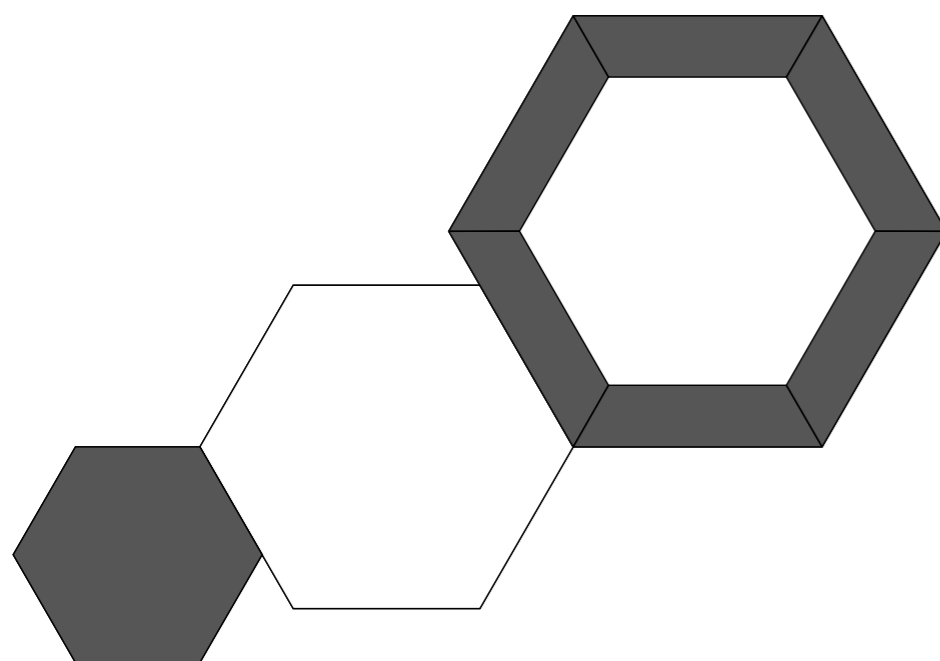
IT I pannelli fonoassorbenti HEX-O sono realizzati con pregiata fibra di PET. Si tratta di un materiale setoso e strutturato, ricavato al 60% da PET riciclato, che vanta eccellenti proprietà acustiche. XAL ha messo a punto una speciale tecnica di piegatura per ottenere bordi completamente lisci, perfezionando così l'aspetto ottico e l'efficacia acustica degli elementi.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

IT Al momento di calcolare l'acustica di un ambiente, simuliamo come si comporta il suono, soprattutto il riverbero e la comprensione linguistica. Dai risultati ricaviamo una concezione individuale. In stretta collaborazione con la committenza e i progettisti, siamo in grado di trovare l'equilibrio ideale fra luce, ambiente e condizioni acustiche.



Sculpturing room acoustics

EN HEX-O effortlessly harmonises sound absorption and illumination. The flexible geometric elements can be arranged into decorative ceiling patterns and expanded at any time. The shape and surface of the three combinable acoustic components – Module, Flat, and Absorber – have multiple effects. The elements absorb higher, midlevel, and down to low frequencies, and scatter sound waves, resulting in noticeably balanced room acoustics.

IT I pannelli HEX-O conciliano alla perfezione l'effetto fonoassorbente e l'illuminazione. Questi flessibili elementi geometrici si prestano a composizioni decorative e ad ampliamenti di ogni tipo. Le forme e le superfici dei tre elementi acustici combinabili – Module, Flat e Absorber – si rivelano efficaci sotto ogni aspetto: assorbendo le frequenze alte e medio-basse stabilizzano il suono procurando un'acustica tangibilmente equilibrata.

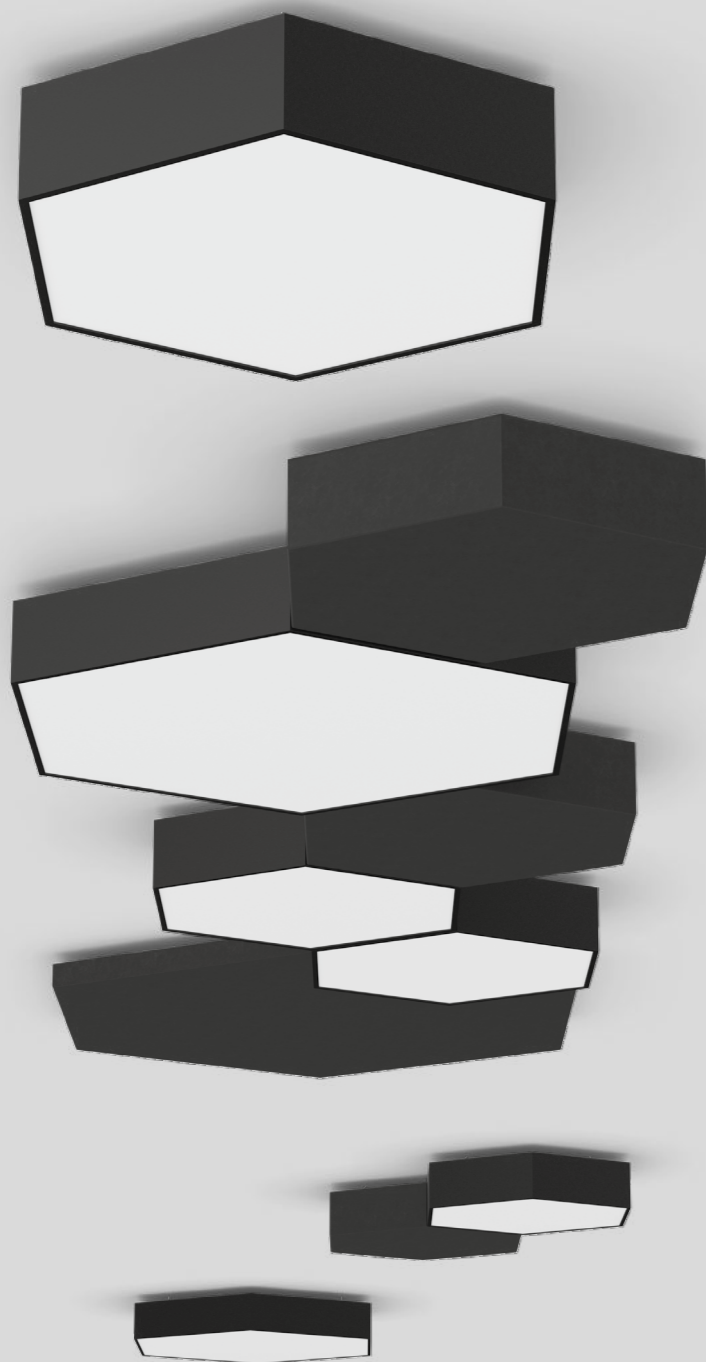
Light and sound for office

EN HEX-O was developed explicitly for office environments. Anti-glare prisms embossed into the cover create a uniform and glare-free light at the workplace. A striking design language combines standard-compliant office lighting and optimal room acoustics.

IT HEX-O è sviluppato specificamente per gli ambienti degli uffici. La cover microprismatica dona alle postazioni di lavoro una luce omogenea e senza abbagliamenti. Illuminazione a norma e acustica perfetta combinate in un linguaggio formale di carattere.



← back



HEX-O

ceiling

Hexagonal luminaires & acoustic elements, suitable for single or group installation; quick mounting system without tools; light housing from extruded aluminium profile, seamlessly welded; surface powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; plug-in terminals for through wiring; acoustic elements: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; acoustic element made of high-quality, recycled PET felt; improvement of room acoustics through absorption and scattering of sound waves

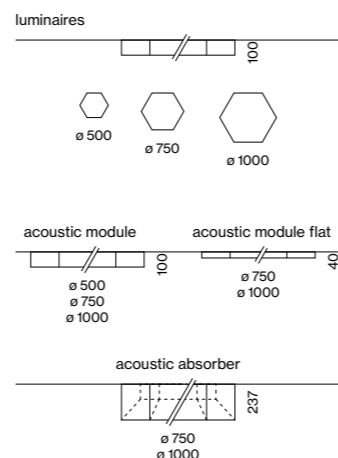
Apparecchi & elementi acustici esagonali, adatti per montaggio singolo e a gruppi; sistema di montaggio rapido senza utensili; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; morsetto per collegamento continuo; elementi acustici: MODULE nelle dimensioni degli apparecchi, FLAT con altezza ridotta, ABSORBER per combinazioni con altri corpi ed elementi; elementi acustici in feltro prodotto con PET riciclato di alta qualità; miglioramento dell'acustica ambientale grazie ad assorbimento e diffusione del suono

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types



Luminaire colours



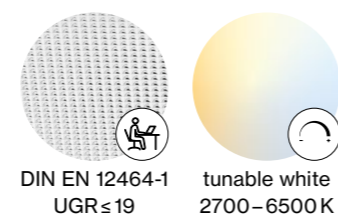
Acoustic colours



Light distribution



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
DALI-2	

LUMINAIRE COLOUR	
○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours p. 992	X

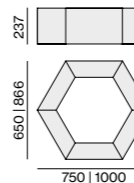
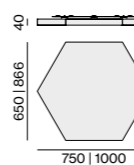
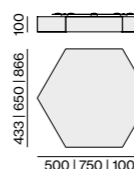
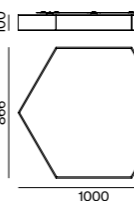
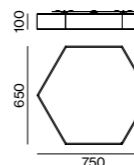
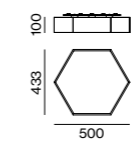
ACOUSTIC COLOUR	
○ white	W
● marble grey	D
● felt grey	G
● black	L
● special colours p. 992	X

LIGHT OPTIC COVER	
opal	O
microprismatic (UGR ≤ 19)	P

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	

COLOUR TEMPERATURE	
tunable white 2700-6500K	
DALI-2 DT8	



HEX-O 500 ceiling



SINGLE AND GROUP MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-615113
	4000K	2290lm	

HEX-O 750 ceiling



SINGLE AND GROUP MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-616113
	4000K	4960lm	

HEX-O 1000 ceiling



SINGLE AND GROUP MOUNTING			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-617113
	4000K	9640lm	

Acoustic elements

HEX-O MODULE ceiling

SINGLE AND GROUP MOUNTING	
TYPE	ORDER CODE
MODULE 500 ceiling	073-691510
MODULE 750 ceiling	073-691610
MODULE 1000 ceiling	073-691710

HEX-O MODULE FLAT ceiling

SINGLE AND GROUP MOUNTING	
TYPE	ORDER CODE
MODULE FLAT 750 ceiling	073-691620
MODULE FLAT 1000 ceiling	073-691720

HEX-O ABSORBER

SINGLE AND GROUP MOUNTING	
TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

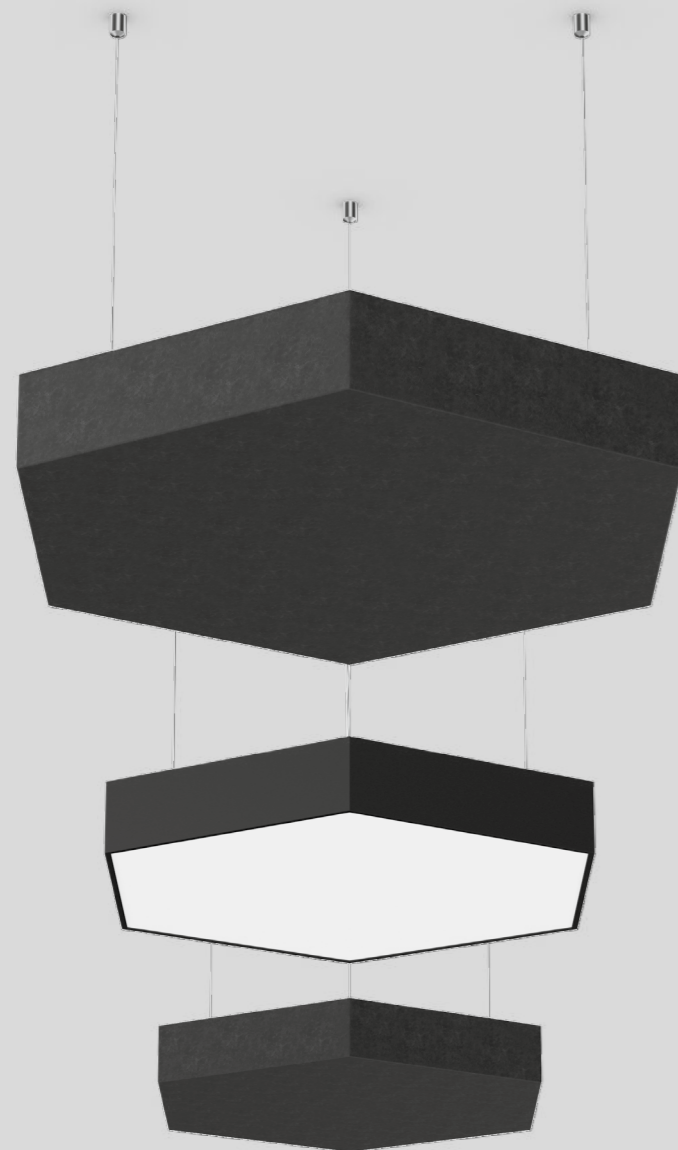
*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



← back



HEX-O

suspended (single mounted)

Hexagonal luminaires & acoustic elements; suitable for single installation; pendant fitting with cable suspension (3 cables); height adjustment without tools; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (included); acoustic element made of high-quality, recycled PET felt: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

Apparecchi & elementi acustici esagonali; adatti per montaggio singolo; sospeso con cavo a sospensione (3 funi); regolazione altezza senza utensili; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; cavo di alimentazione trasparente, rosone per cablaggio passante (incluso); elementi acustici in feltro prodotto con PET riciclato di alta qualità: MODULE nelle dimensioni degli apparecchi, FLAT con altezza ridotta, ABSORBER per combinazioni con altri housing; miglioramento dell'acustica ambientale (assorbimento e diffusione del suono)

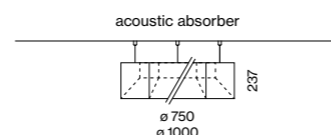
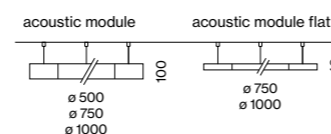
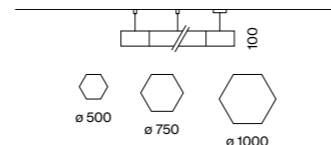
Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
up to 142lm/W
L90 @ 50 000h
DALI-2
opal, microprismatic (UGR ≤ 19)

acoustic elements
up to absorption class A
available as B-s1, d0

Types

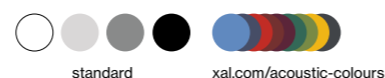
luminaires



Luminaire colours



Acoustic colours



Light distribution

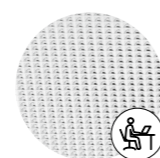


direct

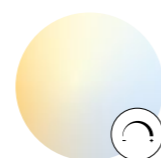


Data Monitoring

DiiA® standards
251, 252, 253



DIN EN 12464-1
UGR ≤ 19



tunable white
2700–6500K

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

○ pure white RAL 9010	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy in white or black

ACOUSTIC COLOUR

○ white	W
● marble grey	D
● felt grey	G
● black	L
● special colours p. 992	X

LIGHT OPTIC COVER

opal	O
microprismatic (UGR ≤ 19)	P

Options on request

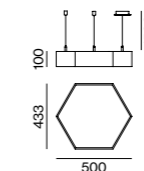
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700–6500 K

DALI-2 DT8

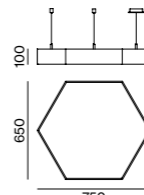


HEX-O 500 suspended



SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-625103
	4000K	2290lm	

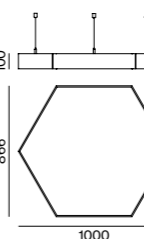


HEX-O 750 suspended



SINGLE MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-626103
	4000K	4960lm	



HEX-O 1000 suspended



SINGLE MOUNTING

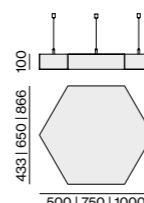
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-627103
	4000K	9640lm	

Acoustic elements

HEX-O MODULE suspended

SINGLE MOUNTING

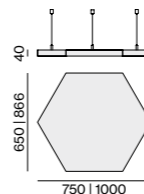
TYPE	ORDER CODE
MODULE 500 suspended	073-692510
MODULE 750 suspended	073-692610
MODULE 1000 suspended	073-692710



HEX-O MODULE FLAT suspended

SINGLE MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	073-692620
MODULE FLAT 1000 suspended	073-692720



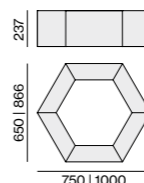
HEX-O ABSORBER

SINGLE MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

**only in combination with HEX-O 750, MODULE 750 or FLAT 750



LUMINOUS FLUX value calculated for
CRI ≥ 80, colour white, cover opal

← back



HEX-O

suspended (group mounted)

Hexagonal luminaires & acoustic elements; suitable for group installation; pendant fitting with cable suspension (1 cable); height adjustment without tools; rear rail for alignment; light housing from extruded aluminium profile, seamlessly welded; powder coated; same luminance for all size versions; energy-efficient LEDs with very good colour rendering; transparent feed, canopy for through wiring (separately available); acoustic element made of high-quality, recycled PET felt: MODULE in the luminaires' dimensions, FLAT with reduced height, ABSORBER to combine with other housings; improvement of room acoustics (absorption & scattering of sound waves)

Apparecchi & elementi acustici esagonali; adatti per montaggio a gruppi; sospeso con cavo a sospensione (1 fune); regolazione altezza senza utensili; guida posteriore per l'allineamento; corpo illuminante in profilo in alluminio estruso e saldato senza punti di saldatura; verniciatura a polvere; stessa luminosità nei modelli di tutte le dimensioni; LED ad efficienza energetica con elevata resa cromatica; cavo di alimentazione trasparente, rosone per cablaggio passante (da ordinare separatamente); elementi acustici in feltro prodotto con PET riciclato di alta qualità: MODULE nelle dimensioni degli apparecchi, FLAT con altezza ridotta, ABSORBER per combinazioni con altri housing; miglioramento dell'acustica ambientale (assorbimento e diffusione del suono)

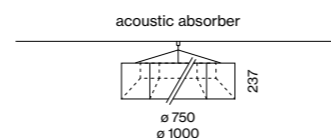
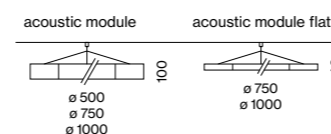
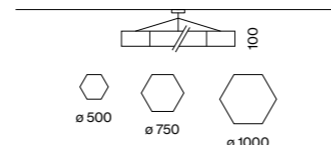
Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 up to 142lm/W
 L90 @ 50 000h
 DALI-2
 opal, microprismatic (UGR ≤ 19)

acoustic elements
 up to absorption class A
 available as B-s1, d0

Types

luminaires



Luminaire colours



Acoustic colours



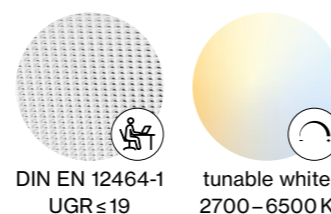
Light distribution



direct



DiiA® standards
 251, 252, 253



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

LUMINAIRE COLOUR

<input type="radio"/> pure white RAL 9010	7
<input type="radio"/> jet black RAL 9005	8
<input type="radio"/> special colours* p. 992	X

*canopy in white or black; not for power feeder

ACOUSTIC COLOUR

<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input type="radio"/> special colours p. 992	X

LIGHT OPTIC COVER

<input type="radio"/> opal	O
<input type="radio"/> microprismatic (UGR ≤ 19)	P

Options on request

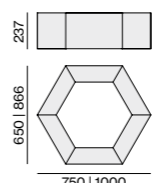
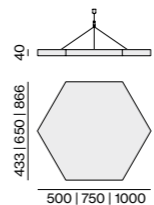
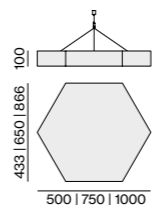
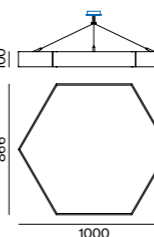
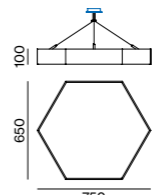
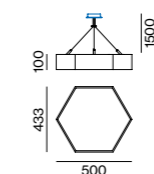
COLOUR RENDERING INDEX

CRI ≥ 90

COLOUR TEMPERATURE

tunable white 2700-6500K

DALI-2 DT8



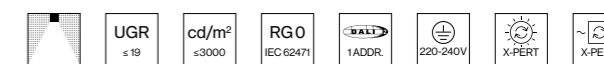
HEX-O 500 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
16.3W	3000K	2160lm	073-635103
	4000K	2290lm	

HEX-O 750 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
35W	3000K	4680lm	073-636103
	4000K	4960lm	

HEX-O 1000 suspended



GROUP MOUNTING

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
68W	3000K	9110lm	073-637103
	4000K	9640lm	

Electrical accessories

CANOPY

TYPE	L (mm)	ORDER CODE
canopy / feeder cable 5 × 1.5 mm²	1500	005-223241

one per group needed; can be placed above luminaires or acoustic elements for electrical system configuration see luminaire data sheet at xal.com

Acoustic elements

HEX-O MODULE suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE 500 suspended	073-693510
MODULE 750 suspended	073-693610
MODULE 1000 suspended	073-693710

HEX-O MODULE FLAT suspended

GROUP MOUNTING

TYPE	ORDER CODE
MODULE FLAT 750 suspended	073-693620
MODULE FLAT 1000 suspended	073-693720

HEX-O ABSORBER

GROUP MOUNTING

TYPE	ORDER CODE
ABSORBER 750*	073-691640
ABSORBER 1000**	073-691740

*only in combination with HEX-O 500 or MODULE 500

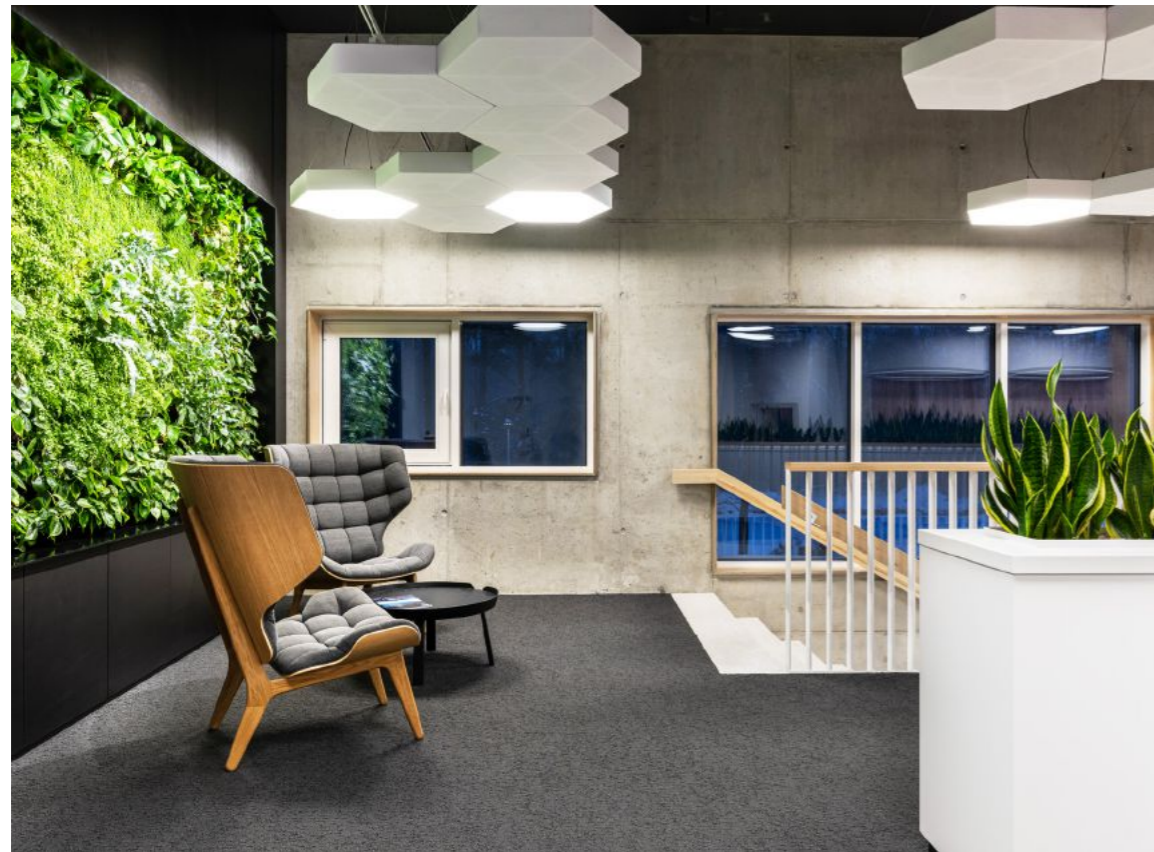
**only in combination with HEX-O 750, MODULE 750 or FLAT 750

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal

OLX GROUP Poznań, PL –
by Trzop Architekci with
lighting design by Pluslighting



EANS Flight Control Centre
Harju Grafschaft, EE –
by KAMP Arhitektid



The sound of stress-free work

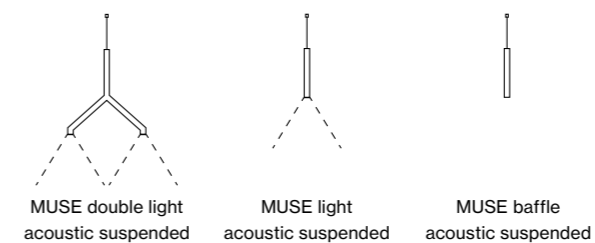


MUSE

EN We developed MUSE for holistic office lighting and acoustic concepts. All of the three-part product family's elements optimise room acoustics. The two luminous versions create standard-compliant, screen-friendly workplace lighting per $UGR \leq 19$ thanks to high-quality reflectors with faceted optics. Its characteristic design language, different colours, and the haptically appealing surface make MUSE a confident design element in the office.

IT MUSE è la linea di prodotti che abbiamo sviluppato specificamente per le necessità di illuminazione e acustica negli uffici. Questo sistema a cinque componenti migliora efficacemente l'acustica, mentre gli elementi d'illuminazione con riflettori sfaccettati d'alta qualità forniscono una luce di lavoro a norma con schermatura $UGR \leq 19$. Il linguaggio formale di carattere, i vari colori e la superficie interessante anche al tatto fanno di MUSE un marcato elemento di design negli uffici.

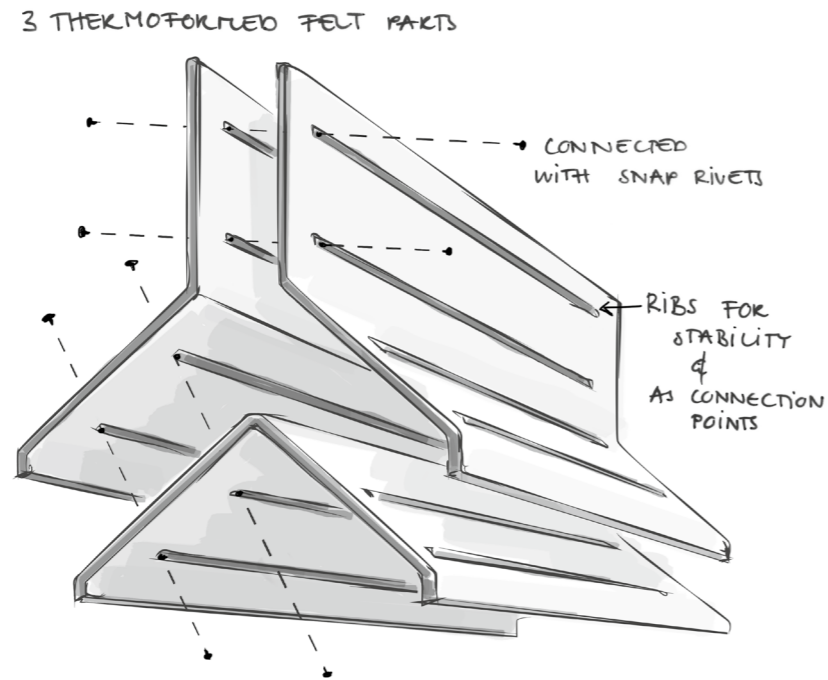
Types



Light and sound for offices

EN Light and acoustics are the most critical factors influencing well-being at work. A quiet working environment boosts concentration and enhances the enjoyment of work and productivity. That is why XAL developed the three-part MUSE system in response to the most significant challenges of modern office environments.

IT Luce e acustica sono i fattori più importanti per sentirsi a proprio agio sul posto di lavoro: un ambiente rilassante aiuta a concentrarsi, migliora il piacere di lavorare e la produttività. È per questo che XAL ha sviluppato MUSE, un sistema a cinque componenti studiato per rispondere alle grandi sfide degli uffici moderni.

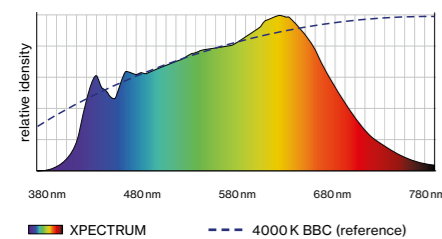


Full-spectrum LED

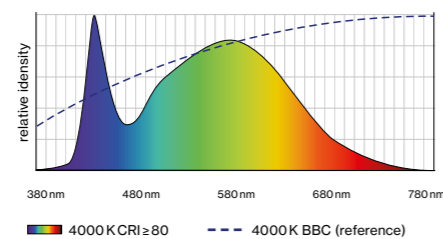
EN XAL's new XPECTRUM LEDs deliver healthy, biologically effective light. The reduced blue light and increased cyan values reduce the blue light hazard for the eye to daylight-equivalent levels. The resulting non-visual, so-called melanopic light effect, improves concentration and increases sleep quality. The excellent colour rendering of IES TM 30-15 $R_f=98$ and $R_g=101$ further helps visual comfort.

IT Il nuovo XPECTRUM LED di XAL assicura una luce sana con efficacia biologica. Lo spettro riduce le componenti azzurre e aumenta invece il ciano, con il risultato di una luce simile a quella diurna in cui i rischi per gli occhi dell'azzurro sono contenuti al minimo. Ne consegue un effetto non visivo, chiamato anche melanopico, che favorisce la concentrazione e migliora la qualità del sonno. Inoltre l'eccellente resa cromatica IES TM 30-15 $R_f=98$ e $R_g=101$ migliora il comfort visivo.

XPECTRUM LED



Commercially available LED 4000K



Second life for PET bottles

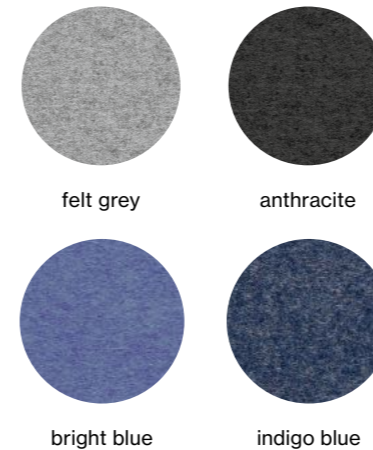
EN The MUSE acoustic elements' felt-like material is made of 50% recycled PET. Pressed precisely into shape, it combines three advantages. It is inherently stable, acoustically highly effective, and has a visually and haptically inspiring surface. This is how MUSE creates a pleasant atmosphere while taking its environmental responsibility seriously.

IT Gli elementi acustici MUSE vengono prodotti con un materiale feltroso ricavato al 50% da PET riciclato. Il materiale viene pressato con precisione e riserva tre vantaggi: è stabile, molto efficace in termini acustici e presenta una superficie interessante sia alla vista che al tatto. È così che il sistema MUSE riesce a creare un'atmosfera gradevole dimostrandosi anche rispettoso dell'ambiente.

Colour variety

EN What kind of office should be equipped with MUSE? With two neutral shades and two accent colours, MUSE can be integrated into any furnishing concept whether classically understated or hip and unconventional.

IT Quali uffici sono adatti a MUSE? Classici, sobri, frizzanti o anticonvenzionali: MUSE offre due tonalità neutre e uno colore spiccati che armonizzano con ogni arredo.



Screen-work friendly

EN MUSE has been optimised for computer workstations. Thanks to glare-free reflectors, the luminaires achieve a $UGR \leq 19$ value, creating a pleasantly bright working environment without glare.

IT MUSE è ottimizzato specificamente per le postazioni di lavoro computerizzate. La schermatura dei riflettori garantisce un valore $UGR \leq 19$ creando pertanto un'atmosfera piacevolmente vivace ma senza abbagliamenti.



Acoustic planning by XAL

EN Acoustic spatial planning calculates, measures, or simulates the behaviour of sound in a room. This planning includes, in particular, reverberation time and speech intelligibility. We create a bespoke concept from the results. Through close coordination with contracting planners and customers, we can achieve the optimum balance between light, ambience, and spatial acoustic conditions.

IT Al momento di calcolare l'acustica di un ambiente, simuliamo come si comporta il suono, soprattutto il riverbero e la comprensione linguistica. Dai risultati ricaviamo una concezione individuale. In stretta collaborazione con la committenza e i progettisti, siamo in grado di trovare l'equilibrio ideale fra luce, ambiente e condizioni acustiche.

← back



MUSE double light

acoustic suspended

EN Luminaire body made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; optimised for the illumination of 2 office workstations opposite each other; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

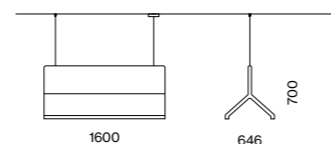
IT Corpo faro in feltro prodotto con PET riciclato di alta qualità, autoportante e con proprietà fonoassorbenti; finitura con caratteristiche estetiche e tattili di alta qualità; struttura composta da 2 gusci in modo da formare cavità per migliorare le prestazioni acustiche; ampia superficie fonoassorbente; sospeso con cavo a sospensione; altezza regolabile sull'apparecchio, senza utensili; ottimizzato per l'illuminazione di 2 postazioni di lavoro disposte l'una di fronte all'altra; incl. cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 108lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

PET felt
 ♻️ from recycled material
 up to absorber class A

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

- anthracite B
- felt grey G
- bright blue P
- indigo blue E

canopy always in white
 other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

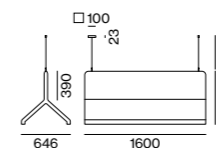
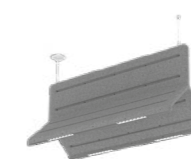
COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

- black cover / black reflector
- white cover / chrome reflector
- black cover / chrome reflector



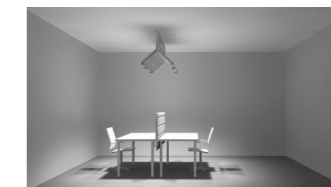
MUSE DOUBLE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
41W	3000K	4160lm	1600	0 9 1 - 1 2 2 1 :: 3 ▣ F
	4000K	4400lm		

Lighting calculation



MUSE DOUBLE LIGHT

41W direct, 4000K, chrome reflector

ROOM VALUES

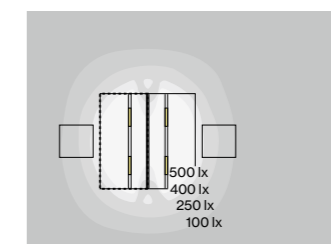
Room dimensions	5.4 × 4 × 3 m
Room volume	64.8 m³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

CALCULATION SURFACE

Surface dimensions	1.6 × 0.8
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

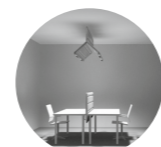
Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 1500 cd/m²



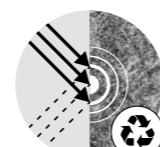
Data Monitoring
 DiiA® standards
 251, 252, 253



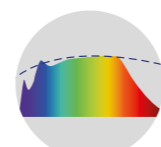
DIN EN 12464-1
 UGR ≤ 19



suitable for double
 workstation

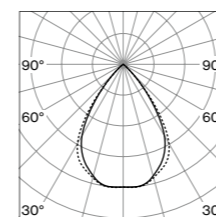


sound absorption
 by recycled PET



CRI ≥ 98
 XPECTRUM

Light distribution

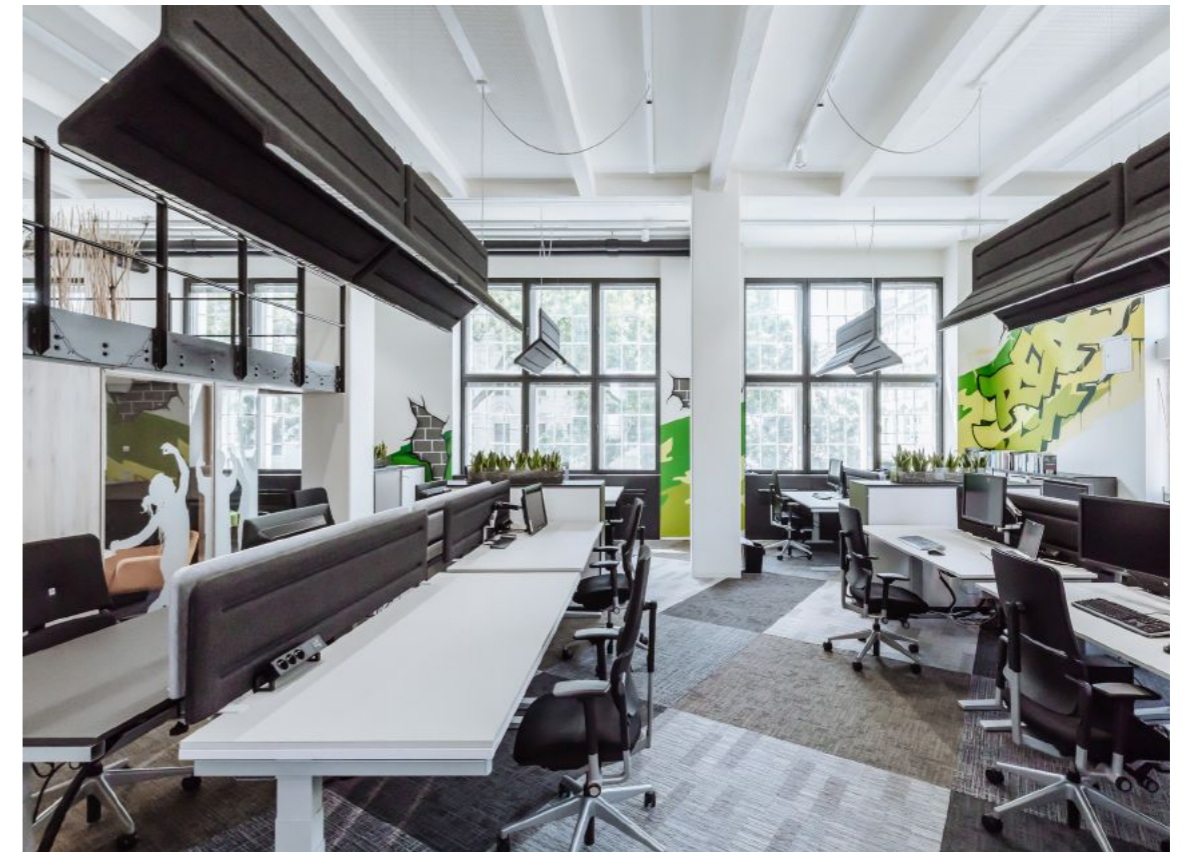


chrome reflector
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, cover grey, reflector chrome



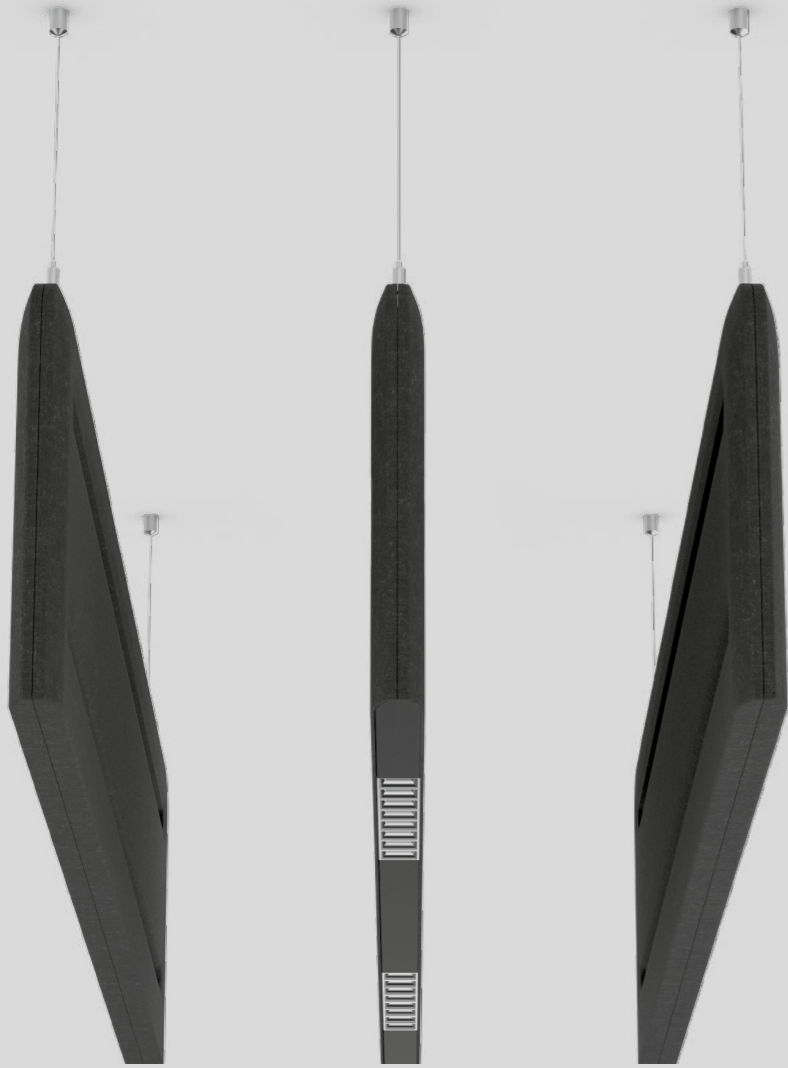
Inter-pool Immobilien Vienna, AT –
by Inter-pool Immobilien GmbH /
Architekt DI Stephan Kopinits includ-
ing lighting design



Vogel Corporate Solutions GmbH
Würzburg, DE – by Dipl. Ing. FH
Katharina Maatz/ designfunktion
Aschaffenburg GmbH



← back



MUSE light/baffle

acoustic suspended

EN Luminaire body or acoustic element made of high-quality, self-supporting, recycled PET felt with sound absorbing properties; high-quality visual and tactile surface; constructed of 2 shells to form cavities that improve acoustic performance; large sound absorbing surface; pendant fitting with cable suspension; tool-less suspension height adjustment of the luminaire or of the acoustic element; MUSE LIGHT: optimised for the illumination of office workstations; incl. transparent feed; light inset made from extruded profile for improved thermal management; high-gloss reflector with faceted design; energy-efficient LEDs with very good colour rendering

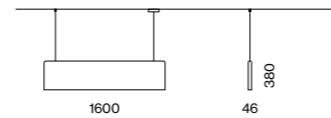
IT Corpo faro ed elemento acustico in feltro prodotto con PET riciclato di alta qualità, autoportante e con proprietà fonoassorbenti; finitura con caratteristiche estetiche e tattili di alta qualità; struttura composta da 2 gusci in modo da formare cavità per migliorare le prestazioni acustiche; ampia superficie fonoassorbente; sospeso con cavo a sospensione; regolazione in altezza senza attrezzi sulla lampada o sull'elemento acustico; MUSE LIGHT: ottimizzato per l'illuminazione di postazioni di lavoro; incl. cavo di alimentazione trasparente; unità d'illuminazione in profilo di alluminio estruso per migliorare il bilancio termico; riflettore ad alta lucentezza con design sfaccettato; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
 CRI ≥ 80, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 up to 109lm/W
 L90 @ 50 000h
 DALI-2
 reflector (UGR ≤ 19)

PET felt
 ♻️ from recycled material
 up to absorber class A

Type



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

DALI-2

MATERIAL COLOUR

● anthracite	B
● felt grey	G
● bright blue	P
● indigo blue	E

canopy always in white
 other colours on request

LIGHT INSET COLOUR

grey cover / chrome reflector

Options on request

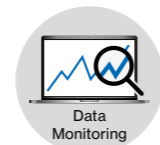
COLOUR RENDERING INDEX
 CRI ≥ 98 XPECTRUM

CONTROL

brightness & presence sensor

LIGHT INSET COLOUR

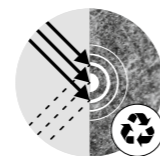
black cover / black reflector
 white cover / chrome reflector
 black cover / chrome reflector



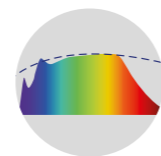
DiiA® standards
 251, 252, 253



DIN EN 12464-1
 UGR ≤ 19

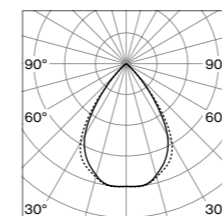


sound absorption
 by recycled PET



CRI ≥ 98
 XPECTRUM

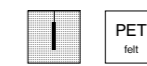
Light distribution



chrome reflector
 direct

LUMINOUS FLUX value calculated for
 CRI ≥ 80, cover grey, reflector chrome

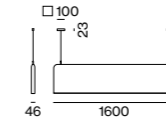
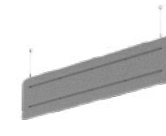
MUSE BAFFLE suspended



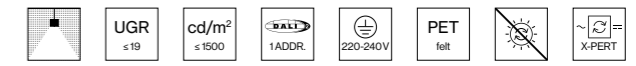
ACOUSTIC BAFFLE

L (mm)
 1600

ORDER CODE
 091-101111

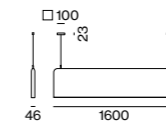
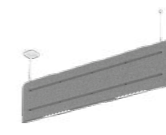


MUSE LIGHT suspended



ACOUSTIC LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20W	3000K 4000K	2080lm 2200lm	1600	091-121111



Lighting calculation



MUSE LIGHT
 20W direct, 4000K, chrome reflector
 + MUSE BAFFLE (every 2nd)

ROOM VALUES

Room dimensions	9 × 5 × 3 m
Room volume	135 m³
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8
Mounting height	2.23 m

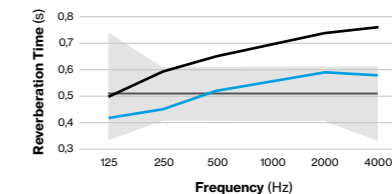
CALCULATION SURFACE

Surface dimensions	8 × 4
Surface height	0.75 m
Average illuminance (E _m)	> 500 lx

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H
 UGR transversal ≤ 19
 UGR axial ≤ 19
 ≥ 65° ≤ 1500 cd/m²

Acoustic calculation



ACOUSTIC PARAMETERS

Target Reverberation Time	0.51s*
RT without MUSE	0.66s
RT with MUSE	0.52s

*according to DIN 18041, room category
 A3 (education/communication)

MATERIALS

Walls	Hardboard
Ceiling	Gypsum Board
Floor	Hardwood

Art-Invest Berlin, DE –
by LEPEL & LEPEL Architekt

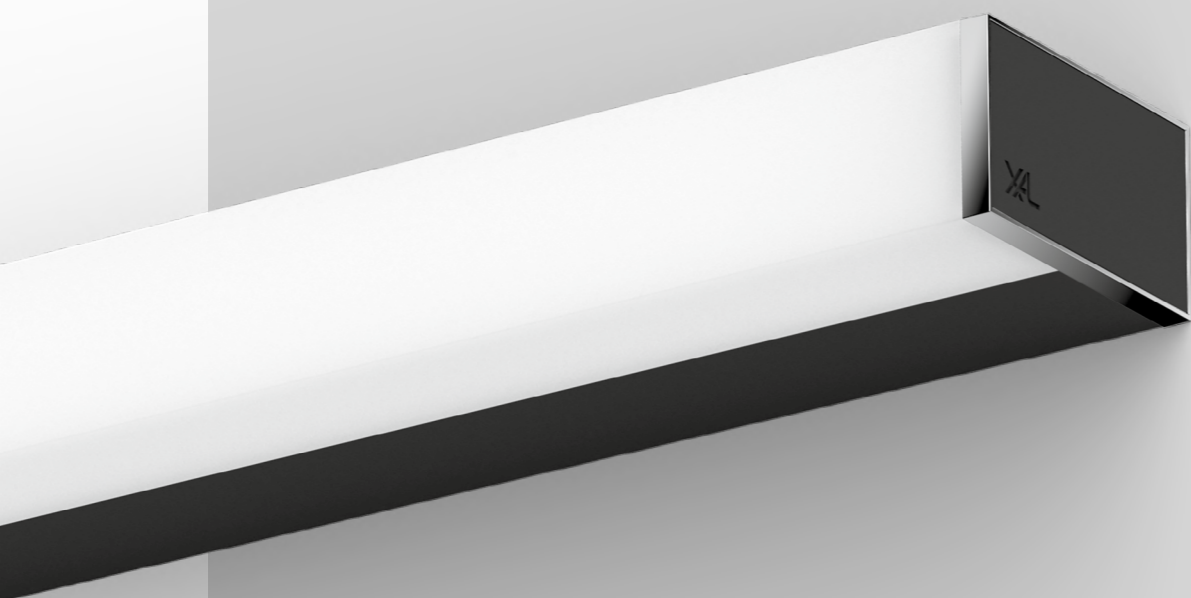




XAL Office
Vienna, AT



For the right kind of reflection

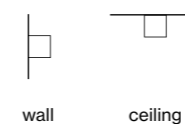


STRETTA

EN Whether in the bathroom or in the fitting room, STRETTA is a fantastic exclusive mirror luminaire. Thanks to its excellent colour rendering of $CRI \geq 90$, it is used wherever colours, shapes, and designs are to be shown in their best and authentic light. STRETTA emits light on three sides and has been equipped with an opal cover to guarantee particularly homogeneous wall illumination. The IP44 protection class ensures safe use in wet rooms.

IT Ideale per bagni o camerini di prova: STRETTA è un'esclusiva illuminazione per specchi. Vanta un indice di resa cromatica $CRI \geq 90$ ed è perfetta ovunque occorra restituire con genuinità forme e colori. Per illuminare il piano verticale con particolare uniformità, STRETTA è dotata di un'emissione trilaterale filtrata da cover opale. Il grado di protezione IP44 assicura la compatibilità con gli ambienti umidi.

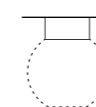
Mountings



wall

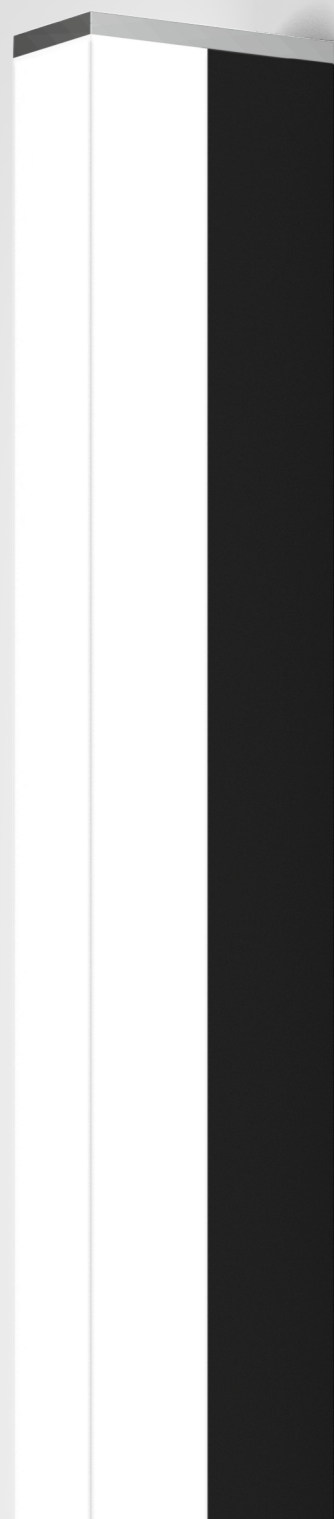
ceiling

Light distribution



opal

back



STRETTA

surface

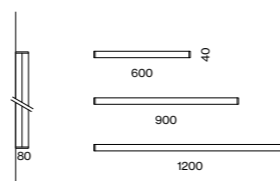
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile can be pre-mounted; end cap galvanically chromed or in same colour as housing (chromed border); suitable for wall or ceiling mounting; with three sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo apparecchio preassemblabile; testata finale cromata galvanizzata o con verniciatura a polveri nel colore dell'apparecchio (bordo cromato); per montaggio a parete o soffitto; con emissione trilaterale; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 112lm/W
L80 @ 50000h
non DIM, DALI-2
opal cover
IP 44

Types



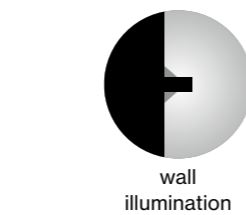
Luminaire colours



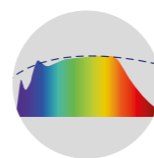
End caps colours



Light distribution



splash water protection (IP44)



CRI ≥ 98 XPECTRUM

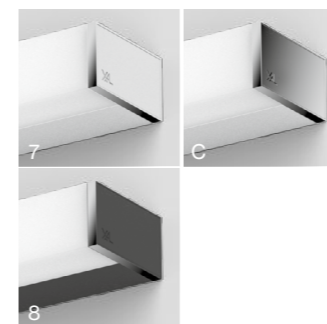
Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ pure white RAL 9010*	7
○ pure white / ◊ chrome**	C
● jet black RAL 9005*	8

*end caps in housing colour with chromed boarder
**end caps completely in chrome



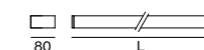
LIGHT OPTIC COVER

opal high performance

Options on request

COLOUR RENDERING INDEX

CRI ≥ 98 XPECTRUM



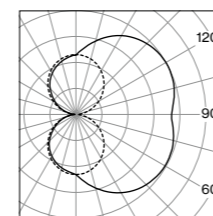
STRETTA surface



LUMINAIRE

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13W	3000K	1370lm	600	057-0132::◆H
	4000K	1460lm		
19.5W	3000K	2050lm	900	057-0133::◆H
	4000K	2190lm		
26.1W	3000K	2740lm	1200	057-0134::◆H
	4000K	2920lm		

Light distribution



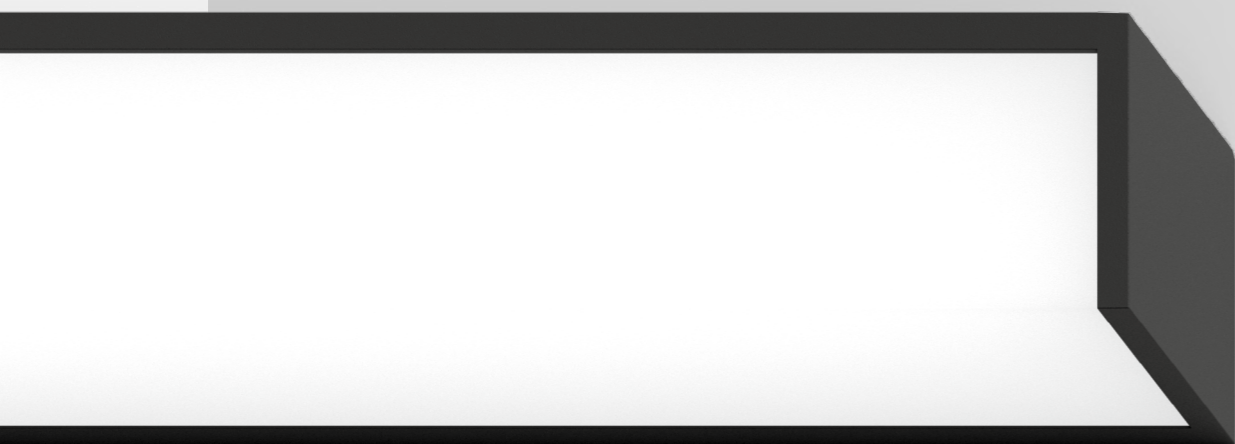
opal high performance

LUMINOUS FLUX value calculated for CRI ≥ 90, colour white, cover opal

Private Residence
Visualisation



Sharpen your edges

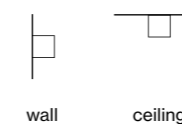


CORNER

EN The best wall light is right around the CORNER. It is preferred for ceiling edges or wall corners and is mainly used in staircases, reception halls, or corridors. Wall and ceiling are equally well illuminated by the CORNER single luminaire thanks to the light insert with opal cover. The bidirectional beam pattern delivers ambient lighting. CORNER is available in the light colours 3000 K or Tunable White and two different power levels. CORNER comes in different lengths and in white, grey, and black.

IT Con CORNER il migliore apparecchio da parete si trova proprio dietro l'angolo. Si tratta pertanto di una soluzione ideale da adottare sui bordi dei soffitti e negli angoli delle pareti, in particolar modo lungo le scale, in atri o corridoi. L'apparecchio singolo CORNER con rifrattore opale illumina uniformemente sia le pareti che i soffitti. L'emissione bilaterale assicura una luminosità di sfondo omogenea. CORNER è previsto in tonalità 3000 K o Tunable White con due diverse potenze. Sono disponibili diverse lunghezze nei colori bianco, grigio e nero.

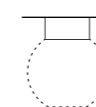
Mountings



wall

ceiling

Light distribution



opal

← back



CORNER

surface

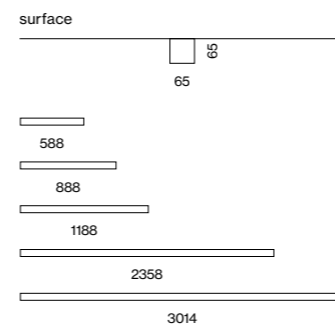
EN Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated; luminaire profile for mounting available in advance; suitable for wall or ceiling mounting; with double-sided light beam; HPO (High Performance Opal) cover for uniform illumination; energy-efficient LEDs with very good colour rendering

IT Corpo illuminante in profilo di alluminio estruso, modello squadrato; nessuna vite visibile; verniciatura a polvere; profilo consegnabile in anticipo; per montaggio a parete o soffitto; con emissione bilaterale; diffusore HPO (High Performance Opal) per un'illuminazione omogenea; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

3000K
CRI ≥ 80, 3 SDCM
L90 @ 50 000h
non DIM
opal

Types



Colours



Light distribution



direct

Order options

COLOUR TEMPERATURE

3000K

CONTROL

non DIM

MATERIAL COLOUR

- pure white RAL 9010 7
- white aluminium RAL 9006 G
- jet black RAL 9005 8

LIGHT OPTIC COVER

opal high performance

Options on request

SYSTEM SOLUTION

installation channel, etc.

COLOUR TEMPERATURE

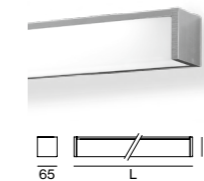
4000K

tunable white 2700–6500 K*

*DALI-2 DT8

CONTROL

DALI-2



CORNER surface



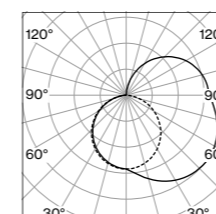
MID LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
13.8W	3000K	1810lm	588	040-895251
20.7W	3000K	2720lm	888	040-895351
27.6W	3000K	3620lm	1188	040-895451
55W	3000K	7250lm	2358	040-895851
81W	3000K	9830lm	3014	040-895951

HIGH LUMEN

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20.2W	3000K	2460lm	588	040-896251
30W	3000K	3690lm	888	040-896351
40W	3000K	4910lm	1188	040-896451
71W	3000K	9340lm	2358	040-896851
98W	3000K	12700lm	3014	040-896951

Light distribution

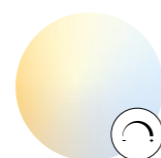


asymmetric

LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover opal



wall/ceiling
illumination



tunable white
2700–5000K

Office Stadsbader
Harelbeke, BE



Getting well with light



RECOVER

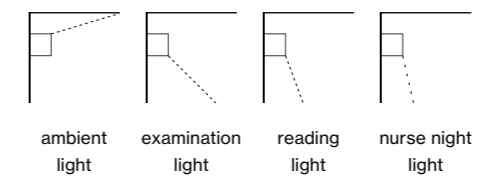
EN The next generation of contemporary healthcare lighting, RECOVER has been developed to simulate a natural light pattern. This is achieved by the dynamically changing colour temperature. It varies from activating morning light to a sleep-promoting evening glow. The luminaire supports the natural regeneration of the patient by supporting the human biorhythm. The 4-in-1 system includes ambient light, a reading light, a nurse's night light, and an examination light with a high CRI value that displays amorphous three-dimensional surfaces, such as the skin, correctly. RECOVER is designed to be particularly user-friendly. Lighting programmes can be quickly and flexibly adapted.

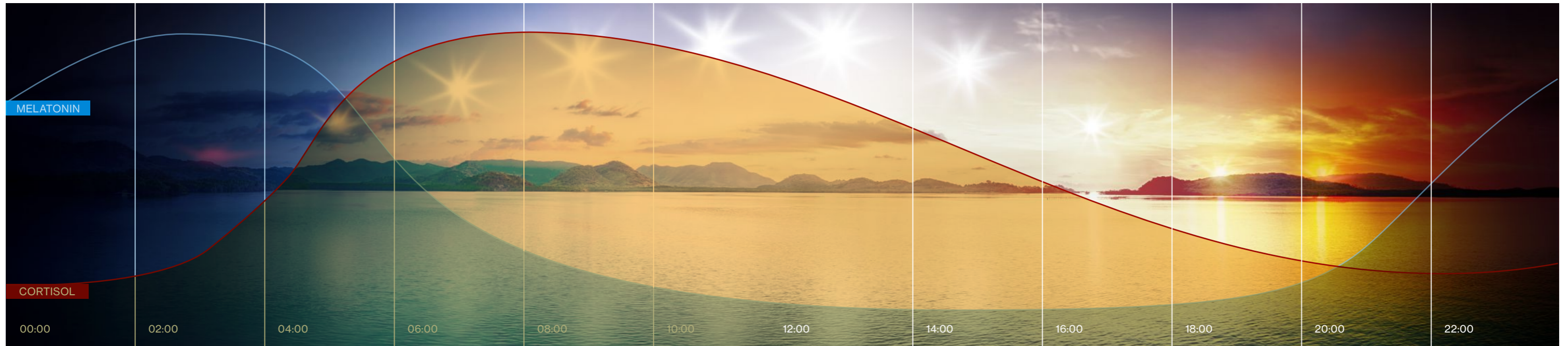
IT L'illuminazione di nuova generazione per gli ambienti sanitari: RECOVER è studiato appositamente per simulare l'andamento della luce naturale. La temperatura di colore si trasforma dinamicamente, offrendo una stimolante luce di giorno e una pacata illuminazione di sera, favorendo pertanto il riposo. Questo corpo illuminante aiuta i pazienti a rigenerarsi, rispettando il bioritmo umano. Si tratta di un sistema 4-in-1 che unisce luce generale, di lettura, notturna per gli infermieri e per visite mediche. La resa cromatica ha un valore CRI eccellente, tale da riprodurre perfettamente superfici tridimensionali amorphe come la pelle. RECOVER è davvero semplice da utilizzare: le impostazioni di luce si gestiscono infatti con assoluta facilità.

Mounting



Light distributions





Day-night rhythm

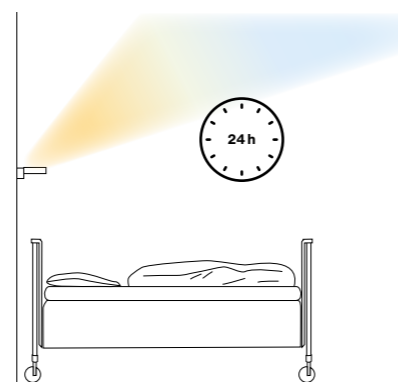
EN Light affects well-being and health. Cool morning light promotes cortisol, the activating hormone. In the evening, when the blue component is missing, the sleep hormone melatonin is formed. High melatonin levels at night lead to more restful sleep, and we enjoy a positive start to the day through an increased release of the happiness hormone serotonin. The RECOVER luminaire taps this knowledge and supports the natural regeneration of patients, as the high indirect illuminance provides clear impulses to the inner clock.

IT La luce condiziona lo stato di benessere e la salute. La luce fredda del mattino stimola l'ormone dell'attività, il cortisolo. Viceversa, la luce calda della sera, senza la componente di azzurro, stimola l'ormone del sonno, la melatonina. Se di notte abbiamo un livello alto di melatonina, dormiamo meglio e iniziamo meglio la giornata grazie alla maggior secrezione di serotonina, il cosiddetto ormone della felicità. Il corpo illuminante RECOVER sfrutta queste conoscenze per aiutare i pazienti a rigenerarsi in modo naturale, con un forte illuminamento indiretto che scandisce alla perfezione i ritmi dell'orologio biologico.

Schedule light moods

EN The aim was to make RECOVER particularly user-friendly. Lighting moods and intensity levels can be programmed with simple software. You can even string together several different programmes to form an annual schedule. The intensity and colour temperature change automatically with the season. The factory settings already store different daily sequences, which you can quickly adapt to your time requirements.

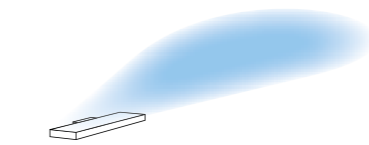
IT Una componente importante nello sviluppo di RECOVER è la semplicità di utilizzo. Grazie ad un software intuitivo si configurano scenari di luce e livelli d'intensità. Inoltre, si possono definire sequenze che variano formando un programma annuale. L'intensità della luce e la temperatura di colore cambiano automaticamente con le stagioni. Nelle preimpostazioni sono già memorizzati andamenti che occorre soltanto adattare alle proprie esigenze.



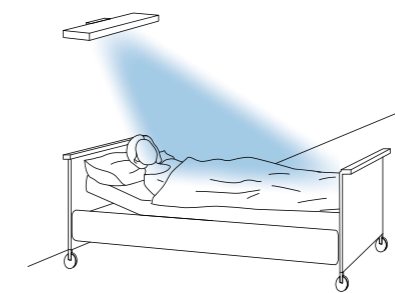
Four lights in one

EN RECOVER combines four luminaires. Indirect, homogeneous ceiling lighting provides daytime brightness for the patient, while the examination light is used for doctors' visits. A reading light ensures reflection-free illumination of the reading area. The nurse night light mounted on the side of the luminaire was integrated to avoid dazzling the patient at night.

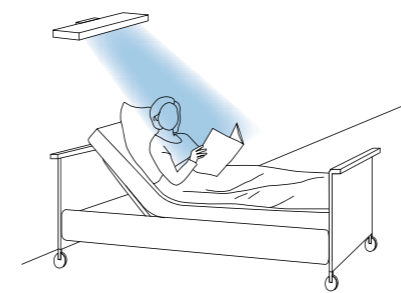
IT RECOVER unisce quattro sorgenti luminose in una: luce indiretta e omogenea dal soffitto per trasmettere al paziente la luminosità del giorno e luce per le visite mediche. La luce di lettura offre un'illuminazione priva di abbagliamento quando si legge, mentre la luce notturna utile agli infermieri è integrata lateralmente per non disturbare il paziente.



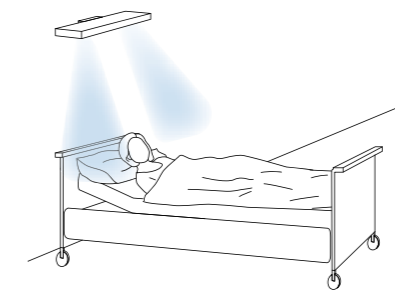
Ambient light



Examination light



Reading light



Nurse night light

CRI ≥ 95

EN The RECOVER examination and reading light achieve excellent R_a and R_e values of ≥ 95 . The unusually small luminous surface of the LED and the high luminance display amorphous three-dimensional surfaces, such as the skin, correctly.

IT La luce di lettura e quella per visite mediche di RECOVER hanno un eccellente livello di resa cromatica, R_a e $R_e \geq 95$. La superficie di emissione dei LED è particolarmente compatta e con una luminanza concentrata, tale da riprodurre perfettamente superfici tridimensionali amorfe come la pelle.

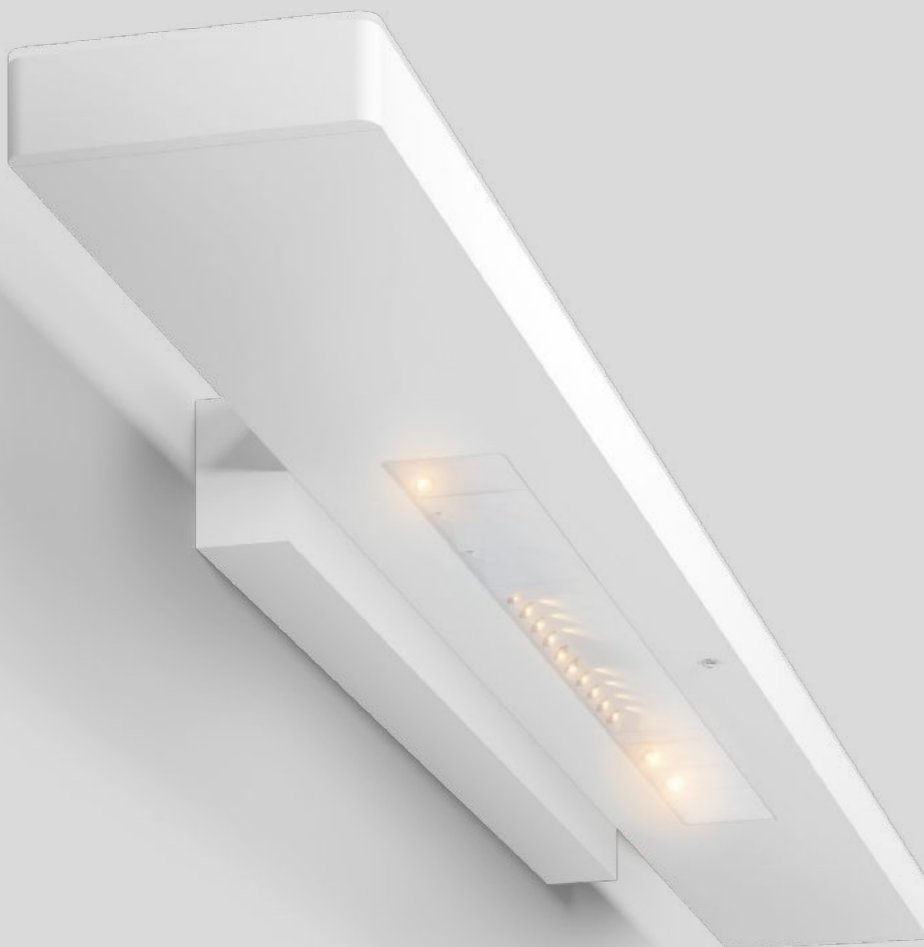


typical CRI ≥ 95



CRI ≥ 80

back



RECOVER

wall

EN RECOVER is available in three versions:

RECOVER BASIC allows switching of the indirect ambient light, the examination light and the reading light.

RECOVER DALI allows individual dimming of the indirect ambient light, the examination light and the reading light.

RECOVER PRO allows for natural progressive lighting. Used in combination with the RECOVER Master Unit, four dynamic light transitions can be run. The four programs can be combined, through the RECOVER software, to form an annual light program. The examination light can be dimmed using the master unit, and the reading light can be switched in 2 stages. There are buttons built into the lamp to switch the two nurse night lights.

IT RECOVER è disponibile in tre versioni:

RECOVER BASIC per attivare la luce generale indiretta, la luce per visite mediche e la luce di lettura.

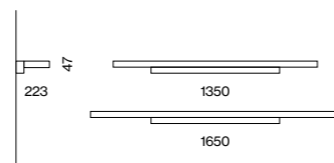
RECOVER DALI per un'attenuazione della luce generale indiretta, della luce per le visite mediche e della luce di lettura.

RECOVER PRO ricrea i cicli della luce naturale. Insieme alla RECOVER Master Unit è possibile riprodurre quattro cicli di illuminazione dinamici. Col software RECOVER è possibile unire questi programmi per formare un programma di illum. annuale. La luce per le visite mediche può essere attenuata con la Master Unit, la luce di lettura può essere commutata su 2 livelli. Gli interruttori integrati permettono di comandare entrambe le luci notturne infermiera.

Quickinfo

2200–31000 K, TW
CRI ≥ 95, 3 SDCM
up to 96 lm/W
L80 @ 50000 h
glass cover
non DIM, DALI

Types



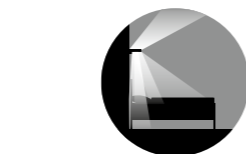
Colour



Light distributions



ambient light examination light reading light nurse night light



four in one light distribution



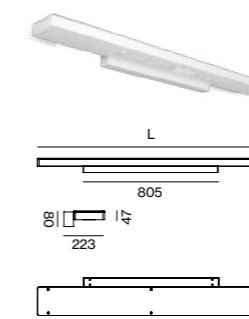
master unit



circadian light
2200–31000 K

MATERIAL COLOUR

○ pure white RAL 9010



RECOVER



BASIC

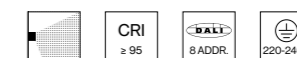
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
108 W	3000 K	7870 lm	1350	099-2210517
127 W	3000 K	9380 lm	1650	099-2211517



DALI

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
91 W	2700–6500 K*	8550 lm**	1350	099-2210D37
106 W	2700–6500 K*	10200 lm**	1650	099-2211D37

*examination and reading light 3000 K **measured at 6500 K

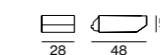
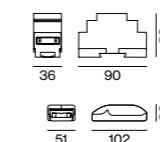


PRO

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
198 W	2200–31000 K*	16900 lm**	1350	099-2210037
237 W	2200–31000 K*	20600 lm**	1650	099-2211037

*examination and reading light 3000 K, nurse night light 2200 K

**measured at 5000 K



Accessories for RECOVER DALI

DALI POWER SUPPLY 220-240 V

TYPE	L-W-H (mm)	ORDER CODE
for top-hat-rail mounting 240 mA	90-36-58	002-59871
for ceiling insertion 200 mA	102-51-30	002-59880

DALI MODULE for group/scene control

TYPE	L-W-H (mm)	ORDER CODE
DALI control of 4 scenes/2 groups	48-28-15	002-54026

Accessories for RECOVER DALI/PRO

MASTER UNIT (DALI optional/PRO mandatory)

TYPE	L-W-H (mm)	ORDER CODE
single patient room	85-48-160	099-2291137
double patient room	85-48-160	099-2291237
three patient room	85-48-160	099-2291337
four patient room	85-48-160	099-2291437
five patient room	85-48-160	099-2291537
six patient room	85-48-160	099-2291637

INSTALLATION HOUSING (mandatory for MASTER UNIT)

for installation in solid walls

TYPE	L-W-H (mm)	ORDER CODE
installation housing	71-75-135	099-2290000

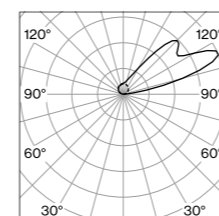
SAFETY FRAME FOR MASTER UNIT (optional)

TYPE	L-W-H (mm)	ORDER CODE
safety frame	108-15-182	099-2298007

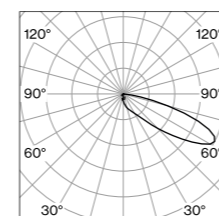
LIGHT SENSOR / MOTION DETECTOR DALI, PRO (optional)

TYPE	ORDER CODE
recessed ceiling mounted	002-54051
surface mounted	002-54058
socket mounted	002-54053

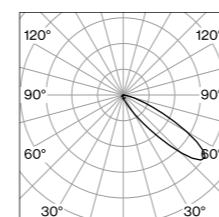
Light distributions



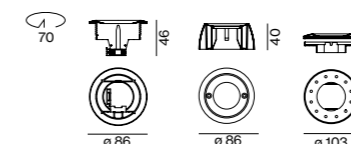
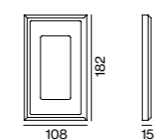
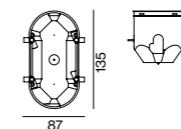
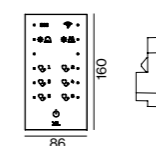
ambient light



examination light



reading light



EMCO private clinic
Bad Dürrenberg/Salzburg, AT –
by FLEOS architektur with
lighting design by Das Licht

