

Spotlights Downlights



Spotlights & Downlights

UNICO



44

recessed

ceiling

wall surface

wall recessed

SPIO



CAVO

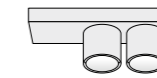
**NEW →** 86

recessed

96

recessed

SASSO

**NEW →** 108

recessed

semi-recessed

ceiling

ceiling

suspended

wall surface

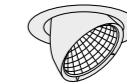
SASSO PRO



MOVE IN



TWIST



SPADO



168

recessed

NEW → 180

recessed

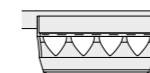
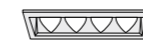
NEW → 194

recessed

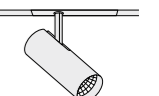
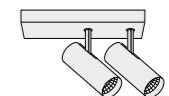
200

recessed

SQUADRO



BO



208

recessed

track

222

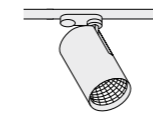
semi-recessed

surface

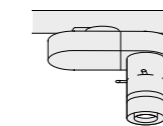
surface

track

VARO



PABLO



248

track

264

track

TULA



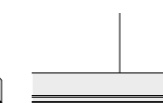
ARY

**NEW →** 280

suspended

288

suspended

TRACK
3-phase

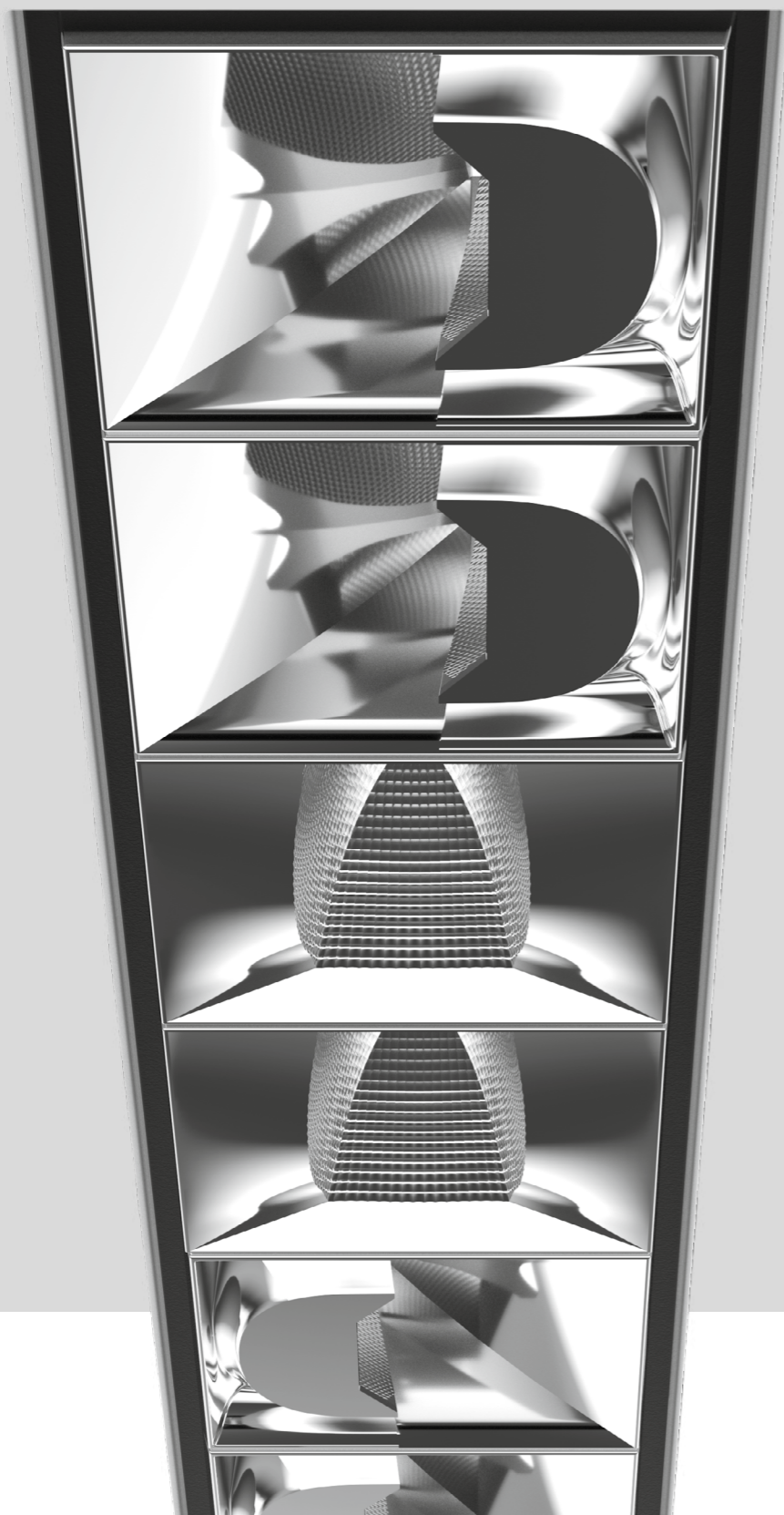
300

recessed

surface

suspended

Shape the light

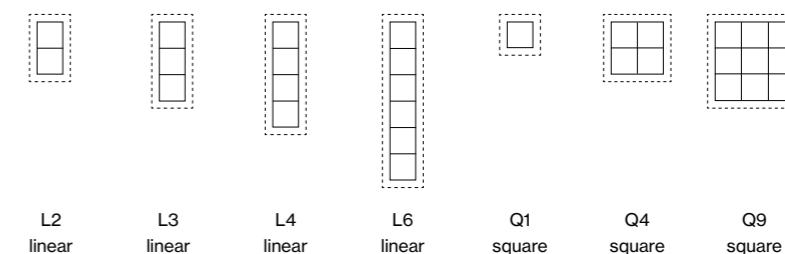


UNICO

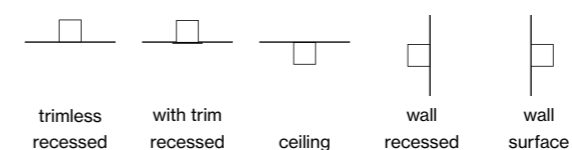
EN With UNICO, XAL crafted a unique product built for flexibility. The luminaire offers a solution for every requirement and need. The luminaire can be shaped from five mounting options, seven shapes, eleven optics, two sensors, four colour temperatures and two control options. The intuitive UNICO configurator helps guide the flexible composition and selection of the different beam characteristics. A single luminaire has never offered this much planning freedom in professional lighting design.

IT Come suggerisce il nome, XAL è riuscita a sviluppare un prodotto di una flessibilità davvero unica. Per qualsiasi esigenza offre una soluzione. Cinque opzioni di montaggio, sette forme, dodici ottiche, quattro temperature di colore e due possibilità di comando. L'intuitivo configuratore UNICO aiuta a comporre il prodotto con flessibilità e a selezionare le diverse caratteristiche di emissione. La progettazione illuminotecnica professionale non ha mai avuto una tale libertà di gestione con un unico corpo illuminante.

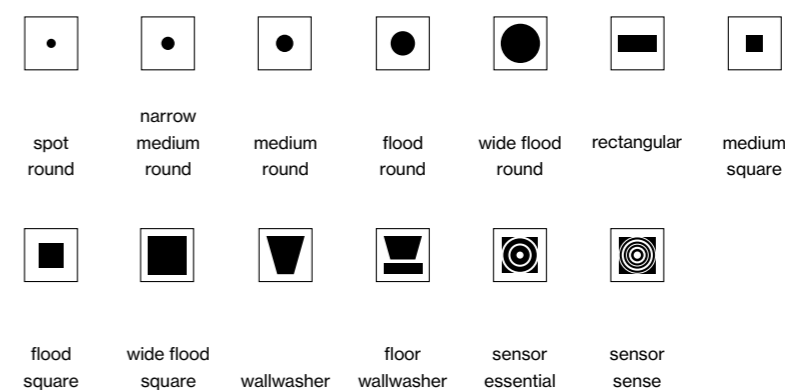
Types



Mountings



Light optics Sensors



UNICO recessed



Installation housing

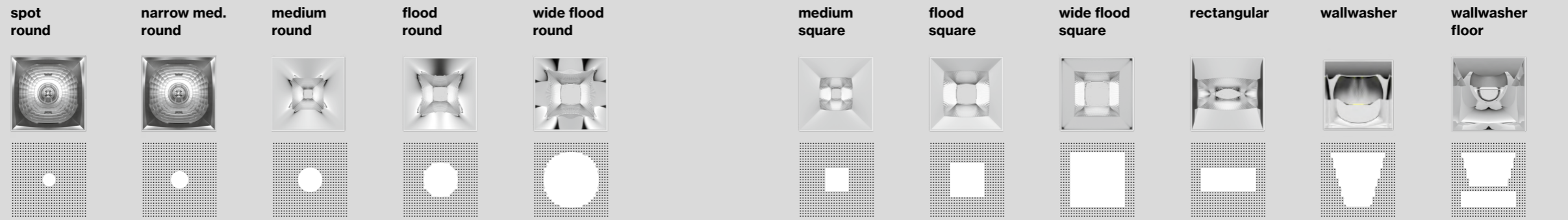
	Q1	Q4	Q9	L2
TYPE	with trim (white or black)	with trim (white or black)	with trim (white or black)	with trim (white or black)
CEILING THICKNESS	intermediate 2–25 mm	intermediate 2–25 mm	intermediate 2–25 mm	intermediate 2–25 mm
DIMENSION_{max}	63 × 63 mm	101 × 101 mm	138 × 138 mm	101 × 63 mm
CUTOUT DIMENSION	50 × 50 mm	90 × 90 mm	130 × 130 mm	90 × 50 mm
RECESS DEPTH	155 mm	110 mm	90 mm	140 mm

	Q1	Q4	Q9	L2
TYPE	trimless	trimless	trimless	trimless
CEILING THICKNESS	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25
DIMENSION	50 × 50 mm	85 × 85 mm	125 × 125 mm	88 × 50 mm
CUTOUT DIMENSION	50 × 50 mm	90 × 90 mm	130 × 130 mm	90 × 50 mm
RECESS DEPTH	155 mm	110 mm	90 mm	140 mm

	L3	L4	L6
TYPE	with trim (white or black)	with trim (white or black)	with trim (white or black)
CEILING THICKNESS	intermediate 2–25 mm	intermediate 2–25 mm	intermediate 2–25 mm
DIMENSION_{max}	138 × 63 mm	176 × 63 mm	251 × 63 mm
CUTOUT DIMENSION	130 × 50 mm	165 × 50 mm	240 × 50 mm
RECESS DEPTH	110 mm	100 mm	100 mm

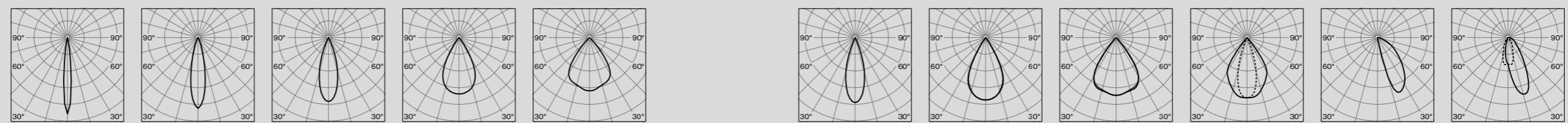
	L3	L4	L6
TYPE	trimless	trimless	trimless
CEILING THICKNESS	plasterboard 12/15/20/25	plasterboard 12/15/20/25	plasterboard 12/15/20/25
DIMENSION	125 × 50 mm	163 × 50 mm	238 × 50 mm
CUTOUT DIMENSION	130 × 50 mm	165 × 50 mm	240 × 50 mm
RECESS DEPTH	110 mm	100 mm	100 mm

Light optic



	spot round	narrow med. round	medium round	flood round	wide flood round	medium square	flood square	wide flood square	rectangular	wallwasher	wallwasher floor
LUMINOUS EFFICACY	up to 46 lm/W	up to 51 lm/W	up to 78 lm/W	up to 90 lm/W	up to 89 lm/W	up to 77 lm/W	up to 91 lm/W	up to 93 lm/W	up to 79 lm/W	up to 79 lm/W	up to 82 lm/W
LUMINOUS FLUX	179 lm, 190 lm	196 lm, 208 lm	300 lm, 319 lm	345 lm, 367 lm	342 lm, 363 lm	295 lm, 314 lm	351 lm, 373 lm	361 lm, 383 lm	305 lm, 324 lm	305 lm, 324 lm	318 lm, 338 lm
COLOUR TEMPERATURE	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K	3000 K, 4000 K
COLOUR RENDERING INDEX	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90	CRI ≥ 90

LIGHT DISTRIBUTION



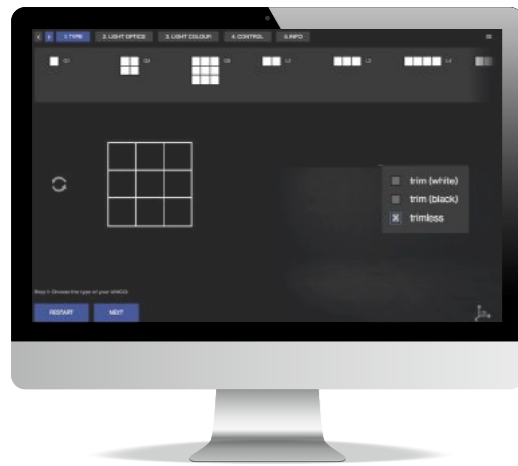
Create your own UNICO

unico.xal.com

EN XAL's UNICO is uniquely flexible. The luminaire offers a solution for every requirement. A UNICO can be flexibly assembled with eleven optics, two sensors and a selection of different light colours as well as Tunable White. XAL delivers this planning freedom with an intuitive online configurator. Solve concrete lighting concepts by creating a bespoke luminaire. unico.xal.com

IT Un prodotto UNICO in termini di flessibilità. Per qualsiasi esigenza offre una soluzione. Un singolo UNICO può essere abbinato a undici ottiche differenti, due sensori, diverse temperature di colore e Tunable White. Per dare supporto a questa libertà progettuale, XAL ha sviluppato un intuitivo configuratore online che permette di creare personalmente la soluzione illuminotecnica perfetta componendo un corpo illuminante esclusivo. unico.xal.com/unico

1. Define your shape



EN Select your preferred mounting type and then one of the seven shapes.

IT Scegliete il tipo di montaggio e una delle sette forme disponibili.

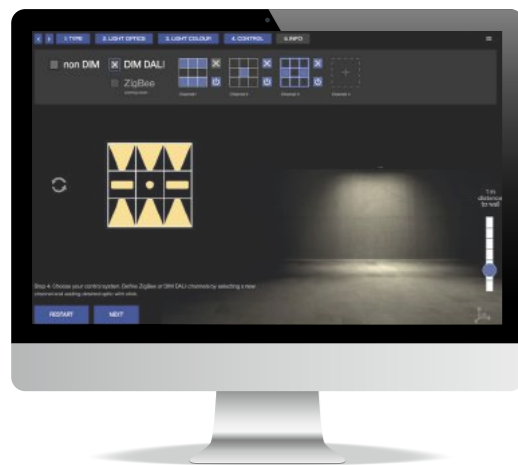
2. Choose your light optic and colour



EN Combine the eleven light insets and two sensors. Then select the desired light temperature 2700K, 3000K, 4000K or Tunable White.

IT Combinare le undici ottiche e i due sensori in base alle vostre esigenze, poi decidete la temperatura di colore: 2700K, 3000K, 4000K o Tunable White.

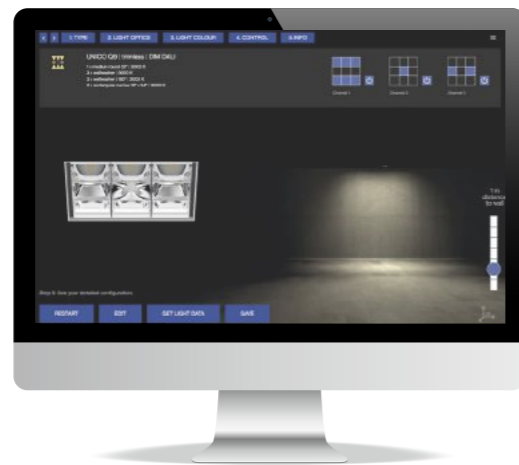
3. Control



EN The configurator helps you set up a maximum of four control channels.

IT Il configuratore vi permette di definire quattro canali di comando.

4. Info



EN Get an overview of your configured UNICO. You can download all the specifications as a datasheet.

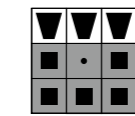
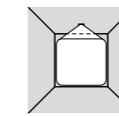
IT Controllate infine la configurazione del vostro corpo illuminante UNICO e scaricate, se desiderate, la relativa scheda tecnica.

One luminaire – four channels – various light scenes

EN Use the online configurator and address concrete lighting concepts by creating a bespoke luminaire. Assign each optic in a UNICO to one of up to four control channels. Each of the four channels can then be dimmed and controlled separately. Control is via DALI-2. Just one luminaire can create custom lighting scenarios for every application. There has never been more freedom in professional lighting design delivered by a single luminaire.

IT Con un solo corpo illuminante, sempre unitario, potete diversificare gli scenari di luce in funzione dell'ambiente. A tale scopo servitevi del configuratore online che vi permette di definire composizioni illuminotecniche concrete alternando le ottiche con flessibilità. Potete assegnare un massimo di quattro canali di comando ad ogni ottica UNICO. Ognuno dei quattro canali consente dimming e comandi separati. Il protocollo di comunicazione è DALI-2. Nel progetto illuminotecnico professionale non è mai esistita tanta libertà con un unico corpo illuminante.

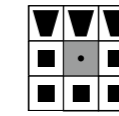
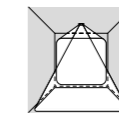
Light scene 1 wall



3 x wallwasher



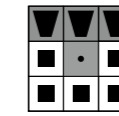
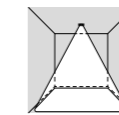
Light scene 2 wall + floor



3 x wallwasher
5 x flood square



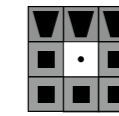
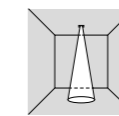
Light scene 3 floor



5 x flood square



Light scene 4 spots



1 x spot round



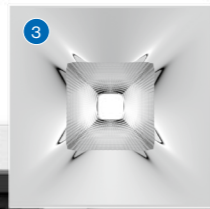
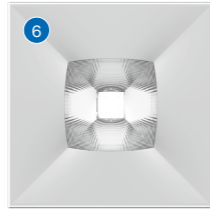
92.2 quadrillion possibilities

EN The luminaire can be customised from five mounting options, seven shapes, eleven light insets, two sensors, four colour temperatures, and three control options. The downlight optics for generating round or angular light projections are available with different beam characteristics. There are also rectangular downlights and wallwasher optics for wall or wall / floor lighting. Highly glare-free versions (UGR ≤ 19) are ideal for use at computer workstations. Dedicated sensors help adjust the lighting according to daylight and room activity. In addition, the reflectors are available in the colours chrome, black, and gold. Values such as temperature, air quality, and noise levels can be recorded. This delivers valuable knowledge about the conditions of your premises.

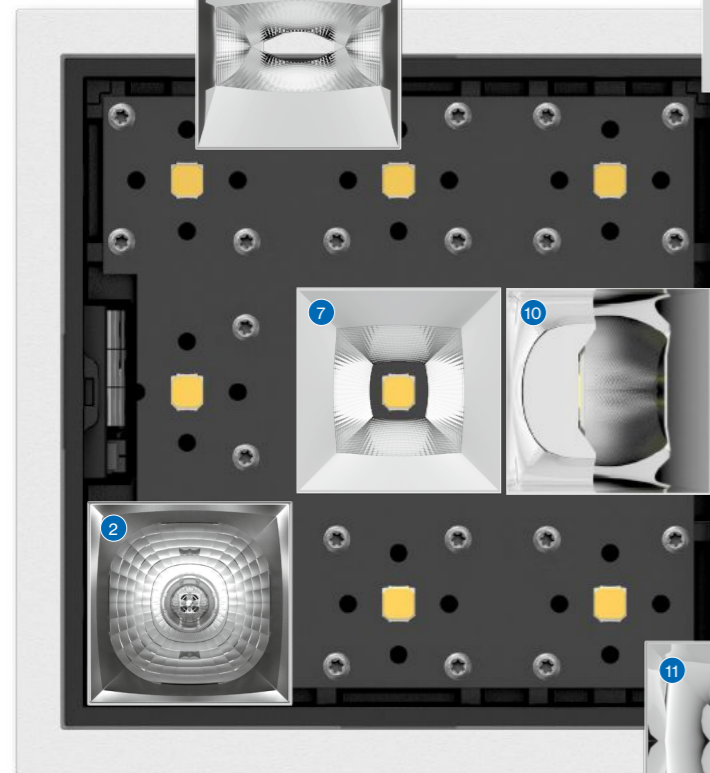
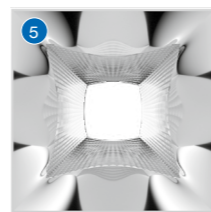
IT Cinque opzioni di montaggio, sette forme, undici ottiche, due sensori, quattro temperature di colore e tre possibilità di comando, sempre da combinare individualmente. Le ottiche downlight proiettano fasci di luce rotondi o angolari e sono previste con diversi tipi di emissione. In aggiunta sono disponibili ottiche downlight e wallwasher di forma rettangolare per illuminazione di pareti oppure pareti/pavimenti. Le varianti a schermatura potenziata (UGR ≤ 19) sono ideali per i posti di lavoro al computer. Inoltre, i riflettori sono disponibili nei colori cromo, nero e oro. I sensori di tipo speciale adattano l'illuminazione alla luce diurna e all'attività svolta, inoltre rilevano parametri come temperatura, qualità dell'aria e livello di rumore. Di conseguenza si ricavano dati preziosi sulle condizioni dei vostri ambienti.



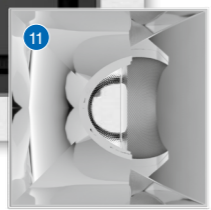
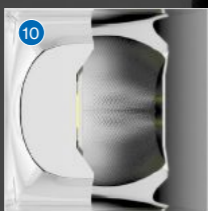
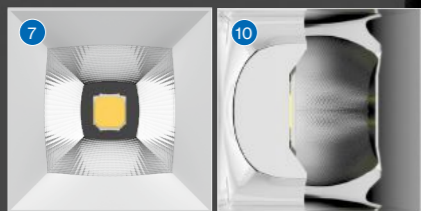
Q1 trimless



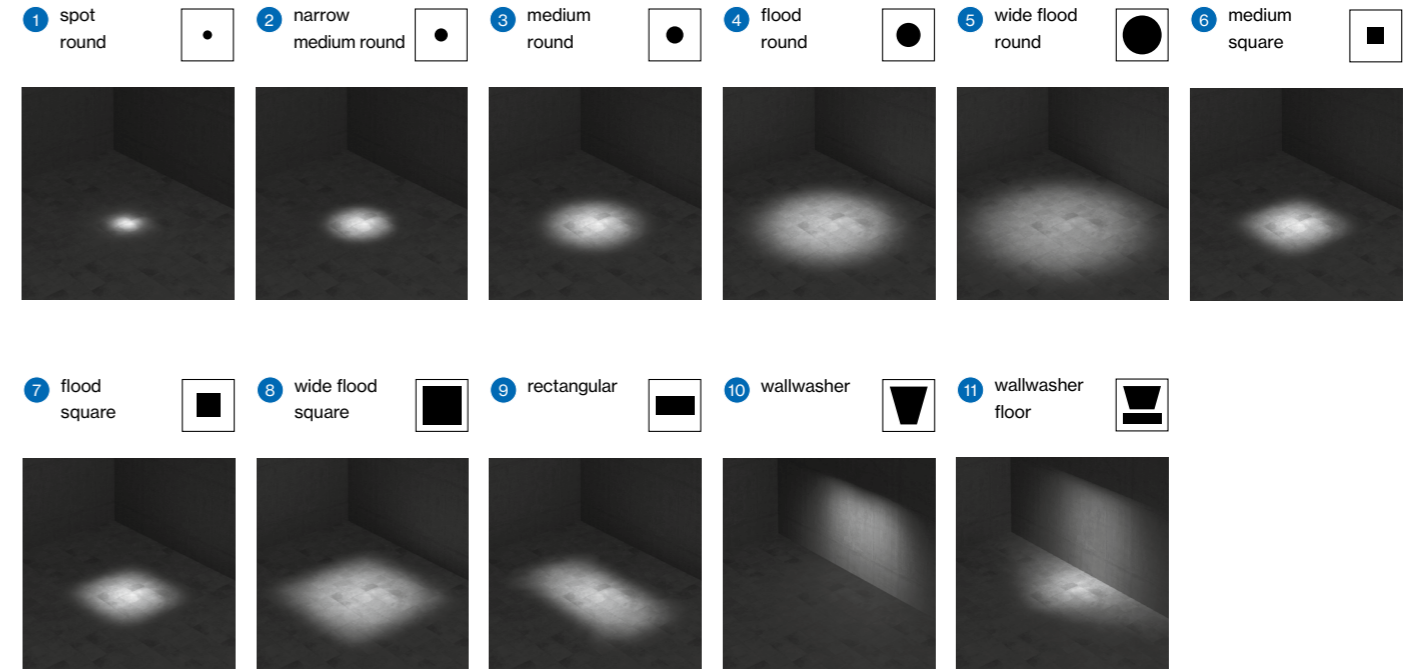
L3 trimless tunable white



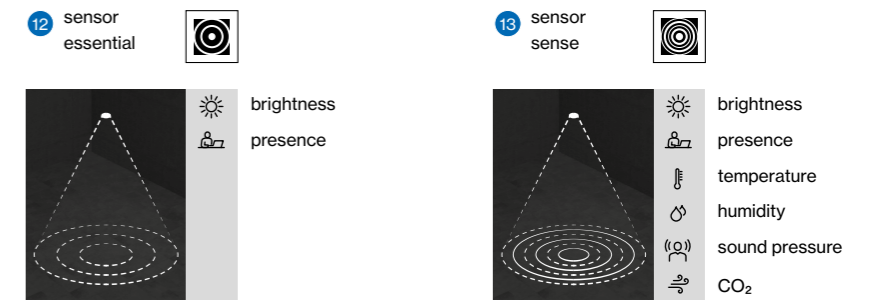
Q9 with trim



11 light optics and 2 sensors



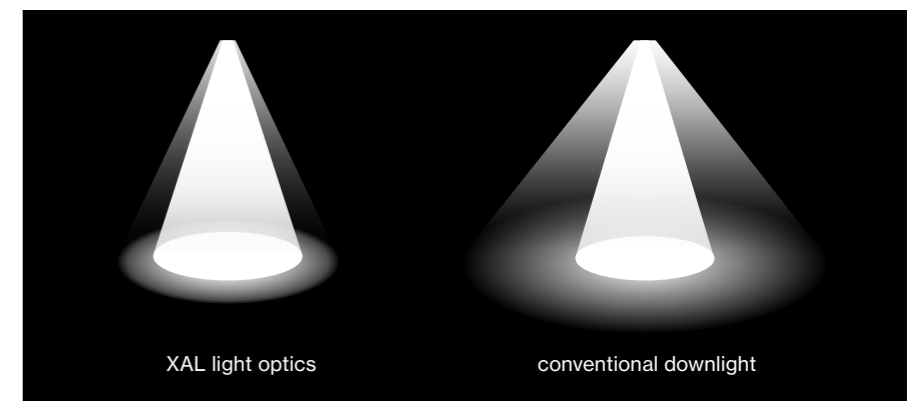
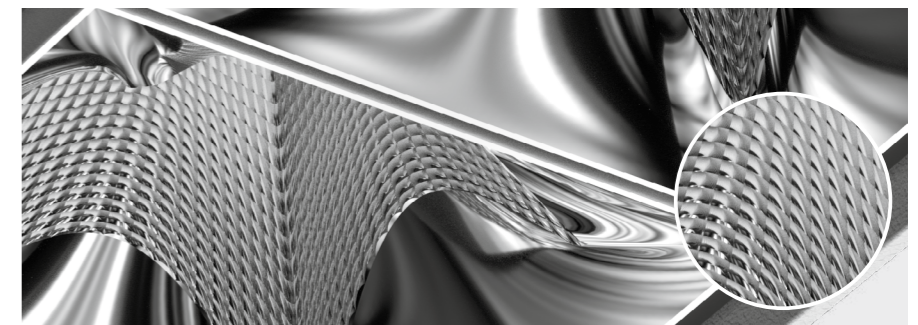
Sensors

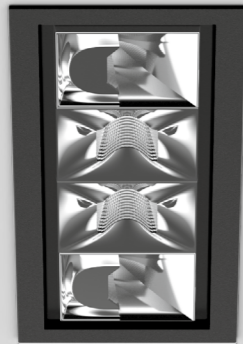


Precision cut-off

EN XAL Light optics deliver the latest development in the field of micro-faceted reflector technology. Architects and lighting planners have entirely new design options thanks to clearly defined contrasts and maximised efficiency. Compared with conventional optics, XAL Light optics offer, with the same beam angle, a clearly defined light cone break with minimal stray light at the edges.

IT XAL Light Optics è il nuovissimo sviluppo che offre XAL in materia di riflettori micro-sfaccettati. La definizione netta dei contrasti e l'efficienza ottimizzata aprono possibilità compositive del tutto nuove per architetti e lighting designer. In confronto alle ottiche tradizionali, le XAL Light Optics con lo stesso angolo di emissione delimitano molto più nettamente il fascio di luce e generano meno dispersioni laterali.



[← back](#)


UNICO linear

recessed

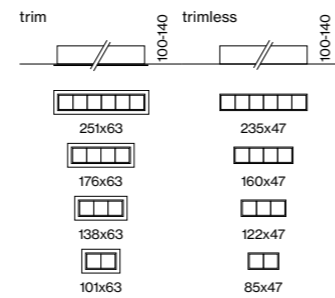
EN Rectangular recessed multi-downlight made of die-cast aluminium; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable or pre-specified, customised light elements; installation without tools in mounting set with ball catch system; easy electrical installation by means of reverse polarity protected plug-in connections; suitable for ceiling thickness of 2-25 mm; surface powder coated; installation possible in different housings; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

IT Downlight multiplo rettangolare da incasso in alluminio pressofuso; dotata di due (L2) / tre (L3) / quattro (L4) / sei (L6) lenti selezionabili individualmente o definite per applicazioni specifiche; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili; montaggio elettrico semplice grazie a collegamenti a spina a prova di polarizzazione inversa; per soffitti di spessore 2-25 mm; verniciatura a polvere; incasso possibile in vari telai; riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; emissione precisa con diversi fasci luminosi simmetrici; o con distribuzione asimmetrica della luce; LED high power a risparmio energetico con ottima resa cromatica; senza distorsione

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 1500 cd/m²
 L2 up to 98 lm/W
 L3 up to 99 lm/W
 L4 up to 112 lm/W
 L6 up to 112 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

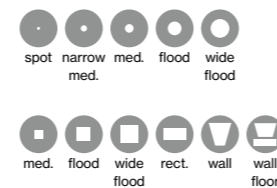
Types



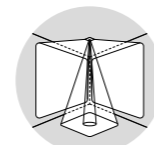
Colours



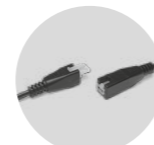
Light optics



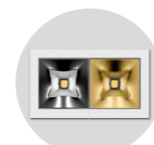
DiiA® standards
 251, 252, 253



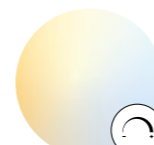
one luminaire
 multiple scenes



plug / socket
 connector



black & gold
 reflector



tunable white
 2700-5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700-5000 K	
DALI-2 DT8	

LIGHT OPTIC COLOUR	
gold reflector	

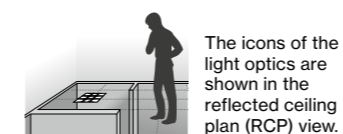
MOUNTING SET	
acoustic soft ceilings	

Product configurator



Create your own UNICO PRO
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L2 basic recessed

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	up to 723 lm	090-7L2::A0■21

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	611 lm	090-7L2::A0022

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	610 lm	090-7L2::R0■21

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.9 W	638 lm	090-7L2::W0■22

UNICO L3 basic recessed

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.2 W	up to 1030 lm	090-7L3::A0■21

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.2 W	872 lm	090-7L3::A0021

Accessories

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L2	101-63-30	90-50	090-7L2020■
L3	138-63-30	130-50	090-7L3020■

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L2	88-50-47	90-50	090-7L20100
L3	125-50-47	130-50	090-7L30100

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12 mm	105-58-30	005-2531110
DALI cable ø 4-12 mm	105-58-30	005-2551110

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

gold reflector

MOUNTING SET

acoustic soft ceilings

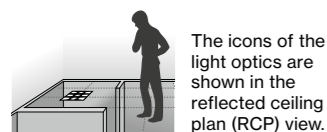
Product configurator



Create your own UNICO PRO

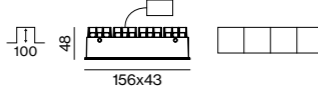
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L4 basic recessed



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	up to 1450lm	090-7L4::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs



WALL

4x wallwasher

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7L4::◆A0021

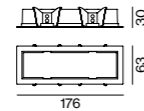


WALL + FLOOR

4x wallwasher floor

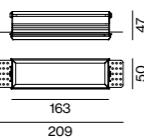
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1280lm	090-7L4::◆W0■22

Accessories



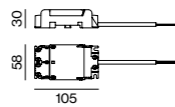
MOUNTING SET WITH TRIM
for intermediate ceilings 2–25mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L4	176-63-30	165-50	090-7L4020



TRIMLESS MOUNTING SET
for installation in plasterboard ceilings 12.5/15/20/25mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L4	163-50-47	165-50	090-7L40100



THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø4–12mm	105-58-30	005-2531110
DALI cable ø4–12mm	105-58-30	005-2551110

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

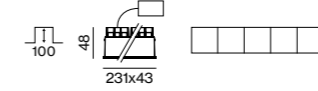
tunable white 2700–5000K
DALI-2 DT8

LIGHT OPTIC COLOUR

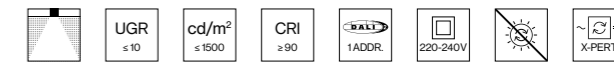
gold reflector

MOUNTING SET

acoustic soft ceilings



UNICO L6 basic recessed



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	up to 2060lm	090-7L6::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs



WALL

6x wallwasher

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1740lm	090-7L6::◆A0021



CORRIDOR

6x rectangular

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1740lm	090-7L6::◆R0■21

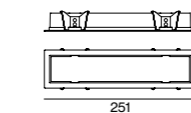


WALL + FLOOR

6x wallwasher floor

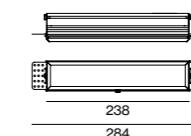
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
19.8W	1820lm	090-7L6::◆W0■21

Accessories



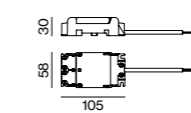
MOUNTING SET WITH TRIM
for intermediate ceilings 2–25mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L6	251-63-30	240-50	090-7L6020



TRIMLESS MOUNTING SET
for installation in plasterboard ceilings 12.5/15/20/25mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
L6	238-50-47	240-50	090-7L60100



THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø4–12mm	105-58-30	005-2531110
DALI cable ø4–12mm	105-58-30	005-2551110

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome
2700K -6%, 4000K +7%

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome
2700K -6%, 4000K +7%



West Tower
Manchester, UK – by SimpsonHaugh with
lighting design by Troup, Bywaters & Anders

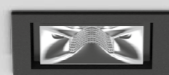
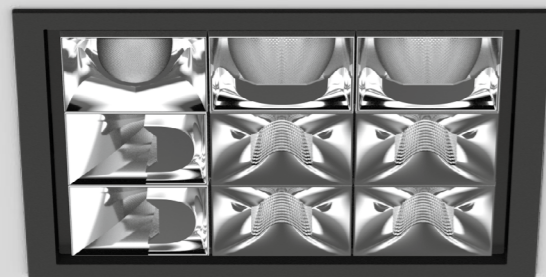




Penthouse Wörthersee
Carinthia, AT – by ROOMS GmbH



← back



UNICO square

recessed

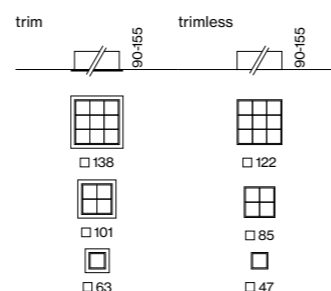
EN Square recessed multi-downlight made of die-cast aluminium; equipped with one (Q1) / four (Q4) / nine (Q9) individually selectable or pre-specified, customised light element(s); or with a sensor; installation without tools in mounting set with ball catch system; easy electrical installation by means of reverse polarity protected plug-in connections; suitable for ceiling thickness of 2-25 mm; surface powder coated; installation possible in different housings; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clang-free

IT Downlight multiplo quadrato da incasso in alluminio pressofuso; dotata di una lente (Q1) / quattro lenti (Q4) / nove (Q9) selezionabili individualmente o definite per applicazioni specifiche; oppure con un sensore (Q1); set di fissaggio con cuscinetto a sfera, senza bisogno di utensili; montaggio elettrico semplice grazie a collegamenti a spina a prova di polarizzazione inversa; per soffitti di spessore 2-25 mm; verniciatura a polvere; incasso possibile in vari telai; riflettore di alta qualità con superficie a microfaccette e vaporizzata in alluminio; emissione precisa con diversi fasci luminosi simmetrici; o con distribuzione asimmetrica della luce; LED high power a risparmio energetico con ottima resa cromatica; senza distorsione

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 1500 cd/m²
Q1 up to 85 lm/W
Q4 up to 112 lm/W
Q9 up to 111 lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types



Colours



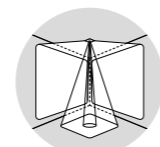
Light optics / sensors



DiiA® standards
251, 252, 253



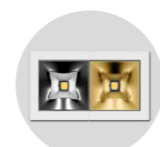
sensor version
available



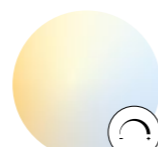
one luminaire
multiple scenes



plug / socket
connector



black & gold
reflector



tunable white
2700-5000K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700-5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR	
gold reflector	

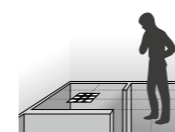
MOUNTING SET	
acoustic soft ceilings	

Product configurator



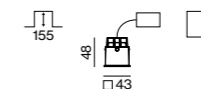
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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO Q1 basic recessed



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	6 W	up to 490 lm	090-7 Q 1 :: A 0 2 1

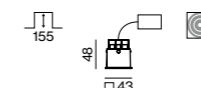
choose one light optic ▲ from the options on the left depending on your room needs

WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x wallwasher	6 W	up to 415 lm	090-7 Q 1 :: A 0 2 1

CORRIDOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x rectangular	6 W	up to 414 lm	090-7 Q 1 :: R 0 2 1

WALL + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
1x wallwasher floor	6 W	up to 432 lm	090-7 Q 1 :: W 0 2 1

UNICO Q1 sensor recessed



ESSENTIAL SENSOR	TYPE	ORDER CODE
brightness & presence		090-7 Q 1 0 0 0 0



SENSE SENSOR	TYPE	ORDER CODE
brightness, presence, temperature, sound pressure, humidity, CO ₂		090-7 Q 1 0 0 1 0

Accessories

MOUNTING SET WITH TRIM	TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
for intermediate ceilings 2-25 mm	Q1	63-63-30	50-50	090-7 Q 1 0 2 0 2

TRIMLESS MOUNTING SET	TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
for installation in plasterboard ceilings 12.5/15/20/25 mm	Q1	50-50-47	50-50	090-7 Q 1 0 1 0 0

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR

gold reflector	
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MOUNTING SET

acoustic soft ceilings	
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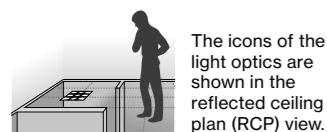
Product configurator



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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO Q4 basic recessed

	UGR ≤10	cd/m ² ≤1500	CRI ≥90	DALI 1ADDR	220-240V	XPERT
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FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	up to 1450lm	090-7Q4::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs

WALL

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7Q4::▲A0021

CORRIDOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1220lm	090-7Q4::▲A0022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1200lm	090-7Q4::▲90021

CORNER + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1200lm	090-7Q4::▲90022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
13.9W	1280lm	090-7Q4::▲W0■21

Accessories

	MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm		
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q4	101-101-30	90-90	090-7Q4020
	TRIMLESS MOUNTING SET for installation in plasterboard ceilings 12.5/15/20/25 mm		
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q4	85-85-47	90-90	090-7Q40100
	THROUGH WIRING CONNECTION BOX		
TYPE	L-W-H (mm)	ORDER CODE	
non DIM cable ø4–12mm	105-58-30	005-2531110	
DALI cable ø4–12mm	105-58-30	005-2551110	

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome 2700K -6%, 4000K +7%

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR≤10)	K
narrow medium round (UGR≤10)	N
medium round (UGR≤10)	B
medium square (UGR≤10)	E
flood round (UGR≤16)	C
flood square (UGR≤19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● jet black RAL 9005	B

LIGHT OPTIC COLOUR

chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700–5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR

gold reflector	
----------------	--

MOUNTING SET

acoustic soft ceilings	
------------------------	--

	UGR ≤10	cd/m ² ≤1500	CRI ≥90	DALI 1ADDR	220-240V	XPERT
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FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	up to 3310lm	090-7Q9::▲0■21

choose one light optic ▲ from the options on the left depending on your room needs

WALL

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2800lm	090-7Q9::▲A0021

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	3080lm	090-7Q9::▲90021

WALL + CORRIDOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2790lm	090-7Q9::▲90022

WALL + FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
32W	2920lm	090-7Q9::▲W0■21

Accessories

	MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm		
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q9	138-138-30	130-130	090-7Q9020
	TRIMLESS MOUNTING SET for installation in plasterboard ceilings 12.5/15/20/25 mm		
TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
Q9	125-125-47	130-130	090-7Q90100
	THROUGH WIRING CONNECTION BOX		
TYPE	L-W-H (mm)	ORDER CODE	
non DIM cable ø4–12mm	105-58-30	005-2531110	
DALI cable ø4–12mm	105-58-30	005-2551110	

LUMINOUS FLUX value calculated for 3000K, CRI≥90, colour white, reflector chrome 2700K -6%, 4000K +7%

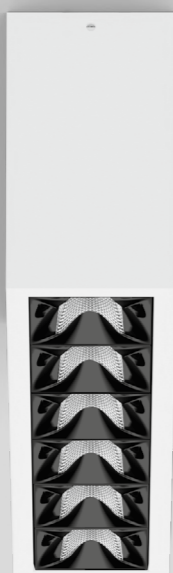
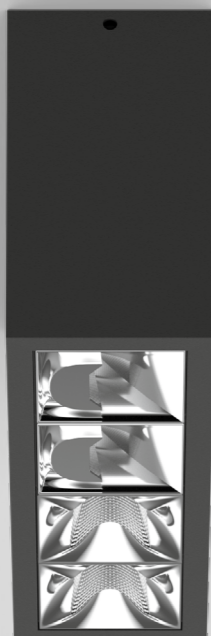


Aertssen Group Beveren, BE –
by Mertens Architecten with
lighting design by Eef Debeuf



Fortuna Financial Group
Antwerp, BE – by Kris Rymenants
Architectenbureau





UNICO linear

ceiling

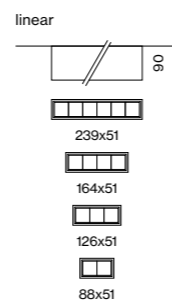
EN Rectangular surface mounted multi-downlight made of aluminium; equipped with two (L2) / three (L3) / four (L4) / six (L6) individually selectable or pre-specified, customised light elements; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

IT Downlight multiplo rettangolare in alluminio con montaggio a superficie; dotata di due (L2) / tre (L3) / quattro (L4) / sei (L6) lenti selezionabili individualmente o definite per applicazioni specifiche; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; convertitore integrato nel corpo illuminante; verniciatura a polvere; riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; emissione precisa con diversi fasci luminosi simmetrici; o con distribuzione asimmetrica della luce; LED high power a risparmio energetico con ottima resa cromatica; senza distorsione

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 UGR ≤ 19 / 65° ≤ 3000 cd/m²
 L2 up to 95 lm/W
 L3 up to 97 lm/W
 L4 up to 103 lm/W
 L6 up to 103 lm/W
 L90 @ 50 000h
 non DIM, DALI-2

Types



Colours



Light optics



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700–5000 K	
DALI-2 DT8	

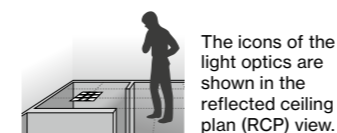
LIGHT OPTIC COLOUR	
gold reflector	

Product configurator

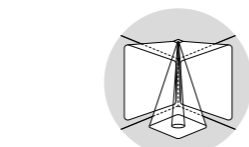


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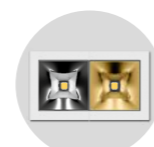
Planning information



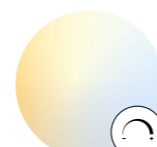
The icons of the light optics are shown in the reflected ceiling plan (RCP) view.



one luminaire multiple scenes



black & gold reflector



tunable white 2700–5000 K

UNICO L2 basic ceiling

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	up to 1150 lm	090-1L2:::A■01

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	971 lm	090-1L2:::R■01

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	973 lm	090-1L2:::A■001

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	947 lm	090-1L2:::W■01

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
12.6 W	1020 lm	090-1L2:::W■02

UNICO L3 basic ceiling

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
18.9 W	up to 1720 lm	090-1L3:::A■01

choose one light optic ▲ from the options on the left depending on your room needs

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
18.9 W	1460 lm	090-1L3:::A■001

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

← back

Order options

COLOUR TEMPERATURE

2700K	4
3000K	5
4000K	6

CONTROL

non DIM	1
DALI-2	3

LIGHT OPTIC

spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR

○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR

chrome reflector	O
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE

tunable white 2700-5000K	
DALI-2 DT8	

LIGHT OPTIC COLOUR

gold reflector	
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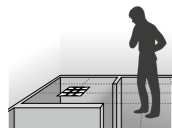
Product configurator



Create your own UNICO PRO

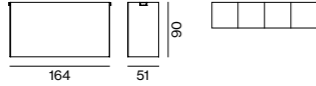
unico.xal.com

Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

UNICO L4 basic ceiling



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
20.4W	up to 1920lm	090-1L4::A01

choose one light optic ▲ from the options on the left depending on your room needs



WALL

4x wallwasher		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
20.4W	1620lm	090-1L4::A01



FLOOR/WALL + FLOOR

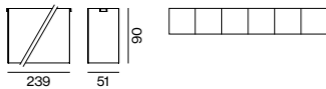
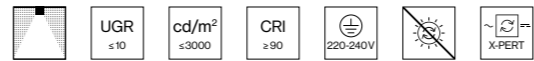
4x wallwasher floor		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
20.4W	1690lm	090-1L4::W01



WALL + FLOOR

4x wallwasher floor		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
20.4W	1690lm	090-1L4::W02

UNICO L6 basic ceiling



FLOOR

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.6W	up to 2790lm	090-1L6::A01

choose one light optic ▲ from the options on the left depending on your room needs



CORRIDOR

6x rectangular		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.6W	2350lm	090-1L6::R01



WALL

6x wallwasher		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.6W	2360lm	090-1L6::A01



WALL + FLOOR

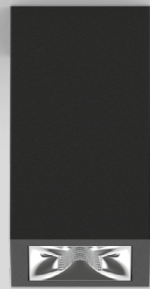
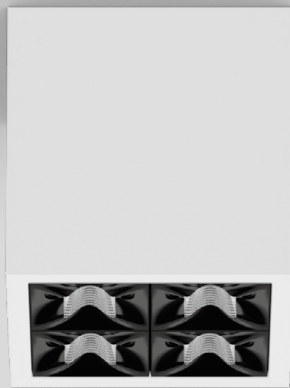
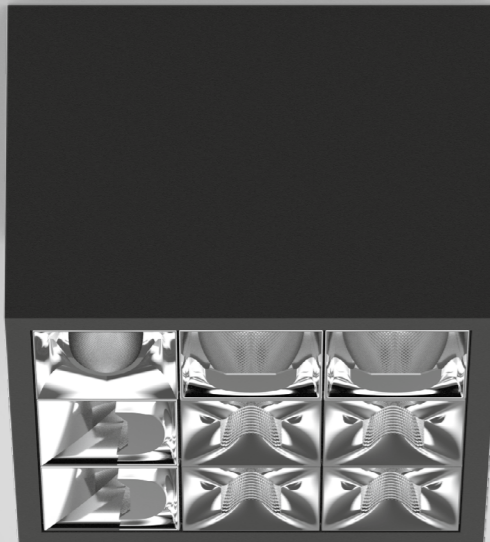
6x wallwasher floor		
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.6W	2460lm	090-1L6::W01

LUMINOUS FLUX value calculated for 3000K, colour white, reflector chrome 2700K -6%, 4000K +7%



Babylon
Den Haag, NL – by Studio Linse

← back



reddot winner 2020

UNICO square

ceiling

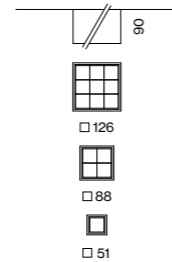
EN Square surface mounted multi-downlight made of aluminium; equipped with one (Q1) / four (Q4) / nine (Q9) individually selectable or pre-specified, customised light element(s); luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; energy-efficient high power LEDs with very good colour rendering; clank-free

IT Downlight multiplo quadrato in alluminio con montaggio a superficie; dotata di una lente (Q1) / quattro lenti (Q4) / nove (Q9) selezionabili individualmente o definite per applicazioni specifiche; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; convertitore integrato nel corpo illuminante; verniciatura a polvere; riflettore di alta qualità con superficie a micro-faccette e vaporizzata in alluminio; emissione precisa con diversi fasci luminosi simmetrici; o con distribuzione asimmetrica della luce; LED high power a risparmio energetico con ottima resa cromatica; senza distorsione

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
UGR ≤ 19 / 65° ≤ 3000 cd/m²
Q1 up to 95 lm/W
Q4 up to 103 lm/W
Q9 up to 105 lm/W
L90 @ 50 000 h
non DIM, DALI-2

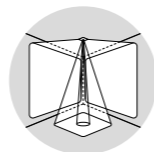
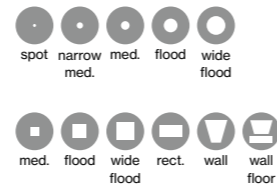
Types



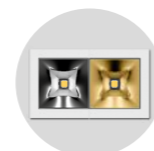
Colours



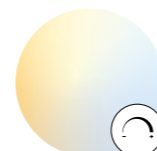
Light optics



one luminaire
multiple scenes



black & gold
reflector



tunable white
2700–5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
spot round (UGR ≤ 10)	K
narrow medium round (UGR ≤ 10)	N
medium round (UGR ≤ 10)	B
medium square (UGR ≤ 10)	E
flood round (UGR ≤ 16)	C
flood square (UGR ≤ 19)	F
wide flood round	D
wide flood square	G

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B
● gold dust RAL 260-M	9

LIGHT OPTIC COLOUR	
chrome reflector	0
black reflector*	B

*not available for spot round, narrow medium round and wallwasher

Options on request

COLOUR TEMPERATURE	
tunable white 2700–5000 K	
DALI-2 DT8	

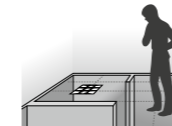
LIGHT OPTIC COLOUR	
gold reflector	

Product configurator



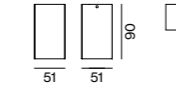
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Planning information



The icons of the light optics are shown in the reflected ceiling plan (RCP) view.

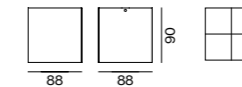
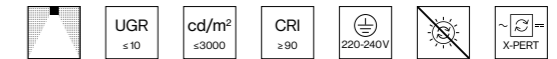
UNICO Q1 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	6.5 W	up to 575 lm	090-1Q1::1▲■01

choose one light optic ▲ from the options on the left depending on your room needs

UNICO Q4 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	20.4 W	up to 1920 lm	090-1Q4::4▲■01

choose one light optic ▲ from the options on the left depending on your room needs

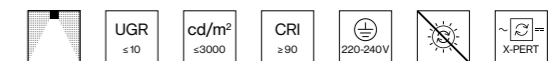


WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
4x wallwasher	20.4 W	1620 lm	090-1Q4::4▲■001



CORNER + FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
2x wallwasher floor + 2x medium square	20.4 W	1630 lm	090-1Q4::4▲■01

UNICO Q9 basic ceiling



FLOOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
	36 W	up to 3550 lm	090-1Q9::9▲■01

choose one light optic ▲ from the options on the left depending on your room needs



WALL	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
9x wallwasher	36 W	3000 lm	090-1Q9::9▲■001



WALL + CORRIDOR	SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6x wallwasher floor + 3x rectangular	36 W	3090 lm	090-1Q9::9▲■01

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

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





UNICO

wall surface

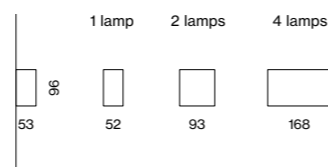
EN Rectangular wall surface mounted multi-uplight made of aluminium; equipped with one light inset (1 lamp) / two (2 lamps) / four (4 lamps) light insets; luminaire housing can be attached to mounting plate without tools by interlock; converter integrated into luminaire housing; surface powder coated; high-quality reflector with micro-faceted, aluminum-vaporised surface; homogeneous wall or ceiling illumination through uniform light distribution; energy-efficient high power LEDs with very good colour rendering; luminaire for through wiring

IT Multi-uplight rettangolare in alluminio a plafone; con un inserto luminoso (1 lamp) / due ins. lum. (2 lamps) / quattro ins. lum. (4 lamps); corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; convertitore integrato nel corpo illuminante; verniciatura a polvere; riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; distribuzione equilibrata per una luminosità omogenea del soffitto o parete; LED high power a risparmio energetico con ottima resa cromatica; apparecchio per cablaggio passante

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 49 lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types



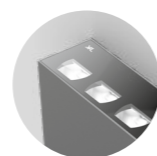
Colours



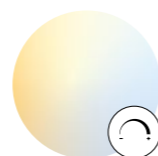
Light distribution



homogeneous ceiling illumination



safety glass for dust protection



tunable white 2700–5000 K

Order options

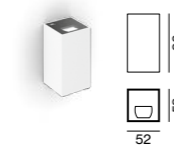
COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	W
● white aluminium RAL 9006	G
● jet black RAL 9005	B

Options on request

COLOUR TEMPERATURE
tunable white 2700–5000 K
only available for 2 lamps and 4 lamps
DALI-2 DT8

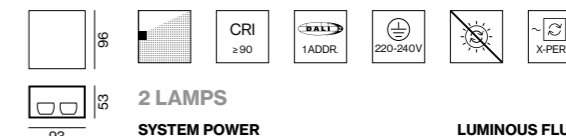


UNICO wall surface



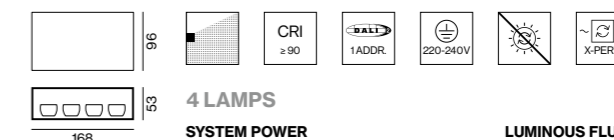
1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
5.9 W	240 lm	090-0L1:::T001



2 LAMPS

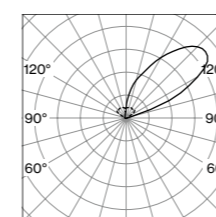
SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
17.4 W	740 lm	090-0L2:::T001



4 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
30.0 W	1380 lm	090-0L4:::T001

Light distribution



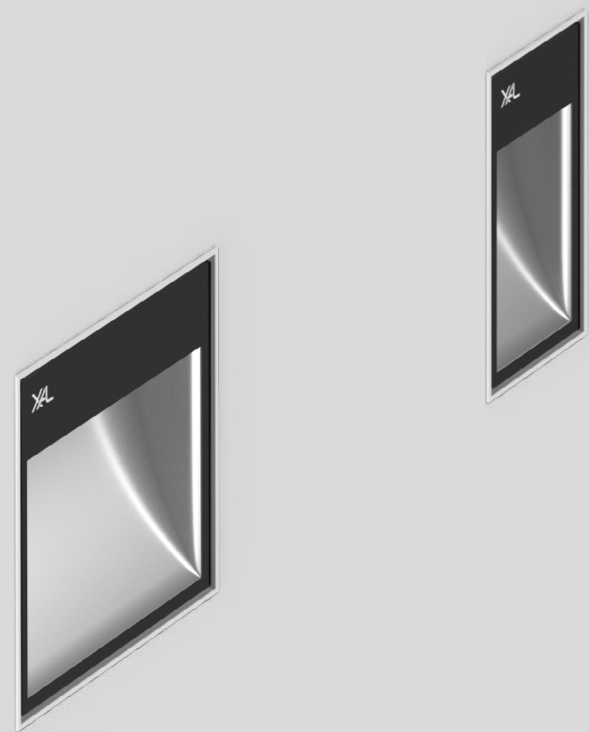
microprismatic
direct/indirect power

LUMINOUS FLUX value calculated for
3000 K, CRI ≥ 90, colour white, reflector chrome
2700 K -6%, 4000 K +7%

Office
Visualisation



← back



UNICO

wall recessed

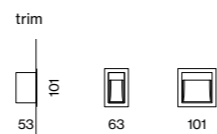
EN Recessed wall luminaire in aluminium; installation without tools in mounting set (trimless or with trim) with ball catch system; installation possible in different housings; surface powder coated; incl. external converter; high-quality reflector with micro-faceted, aluminum-vaporised surface; different asymmetrical light distributions; installation optionally for floor or ceiling illumination; energy-efficient high power LEDs with very good colour rendering

IT App. a incasso da parete in alluminio; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); incasso possibile in vari telai; verniciatura a polvere; incl. convertitore esterno; riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; diverse distribuzioni di luce asimmetriche; montaggio per illuminazione pavimento o soffitto a scelta; LED high power a risparmio energetico con ottima resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 up to 53 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2

Types



Colours



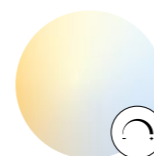
Light distribution



homogeneous floor illumination



safety glass for dust protection



tunable white 2700–5000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

LIGHT OPTIC	
wide floor	

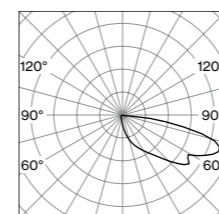
MATERIAL COLOUR	
○ traffic white RAL 9016	W
● jet black RAL 9005	B

Options on request

COLOUR TEMPERATURE	
tunable white 2700–5000 K	

only available for 2 lamps | DALI-2 DT8

Light distribution



microprismatic direct/indirect power

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector chrome 2700 K -6%, 4000 K +7%

UNICO wall recessed



1 LAMP		LUMINOUS FLUX		ORDER CODE
SYSTEM POWER	7.3 W	340 lm		090-6L1::UB001



2 LAMPS		LUMINOUS FLUX		ORDER CODE
SYSTEM POWER	12.5 W	610 lm		090-6L2::UB001

Accessories

MOUNTING SET WITH TRIM

for intermediate ceilings 2–25 mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
1 lamp	101-63-20	90-50	090-7L2020
2 lamps	101-101-30	90-50	090-7Q4020

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/20/25 mm

TYPE	L-W-H (mm)	CUTOUT (mm)	ORDER CODE
1 lamp	88-50-47	90-50	090-7L20100
2 lamps	85-85-47	90-50	090-7Q40100

PRIMED CONCRETE MOUNTING SET

TYPE	L-W-H (mm)	ORDER CODE
primed concrete ceilings	240-400-130	052-1914320

order mounting set separately

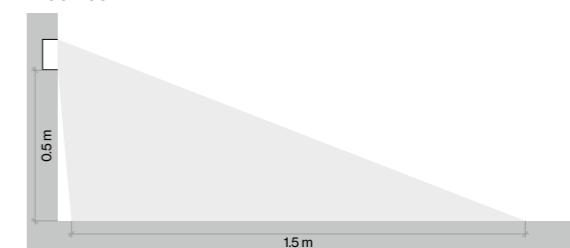
EXPOSED CONCRETE MOUNTING SET

TYPE	ORDER CODE
1 lamp exposed concrete	090-6L10500
2 lamps exposed concrete	090-6L20600

order mounting set separately

Planning information

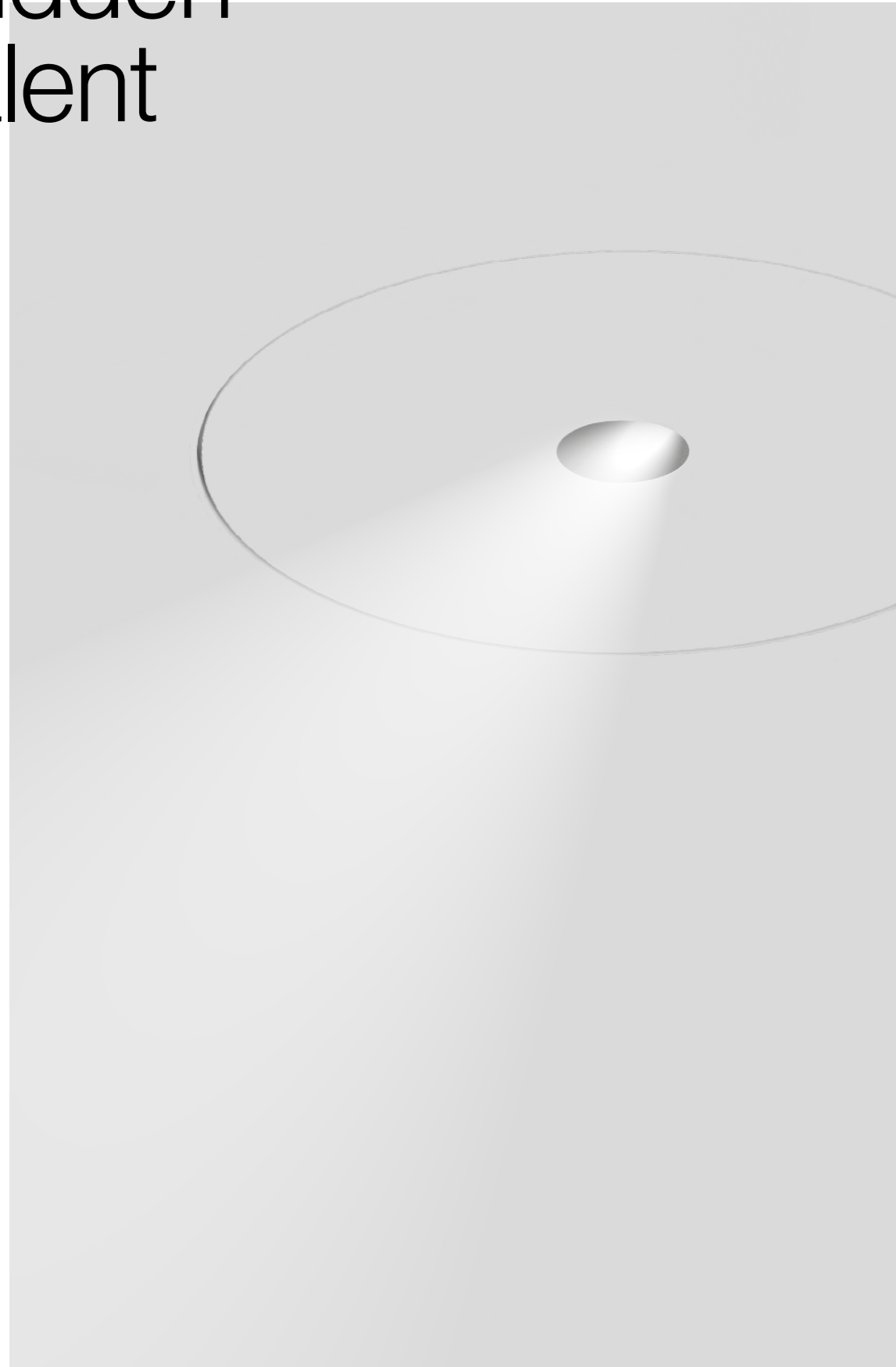
wide floor



Office
Visualisation



Hidden talent



SPIO

EN Round, recessed SPIO spotlights bring special lighting to your rooms. The luminaire provides an impressive lighting effect, trimless or with a trim. The housing can be painted over, allowing the spotlight to blend seamlessly into the ceiling. The small light aperture of 10 mm makes the SPIO itself appear almost hidden – but the equally effective and calm overall impression is anything but invisible. The round, recessed spotlight is available with beam angles of 35° or 44° and can be rotated 360° in the housing and pivoted 30° in all directions. These different lighting options mean that versatile designs for interiors are possible. SPIO is available in the light colours 2700 K, 3000 K, and 4000 K.

IT I faretto rotondi da incasso SPIO portano nell'ambiente un'illuminazione particolare. Costruiti con o senza cornice, generano comunque un effetto di luce molto interessante. L'armatura può essere tinteggiata: in questo modo il faretto si fonde perfettamente con la superficie. La stessa apertura di emissione, di soli 10 mm, sembra tenere il faretto SPIO quasi nascosto. Tuttavia l'effetto generale, suggestivo e riposante, è tutt'altro che invisibile. Lo spot rotondo è previsto con angolo di emissione di 35° o 44°. L'elemento si ruota di 360° e si orienta di 30° in tutte le direzioni. Con questo sistema si diversifica la composizione di luce variando le posizioni dei faretto. SPIO è disponibile nelle temperature di colore 2700 K, 3000 K e 4000 K.

Type

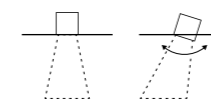


60

Mountings

trimless
recessedwith trim
recessed

Light distributions



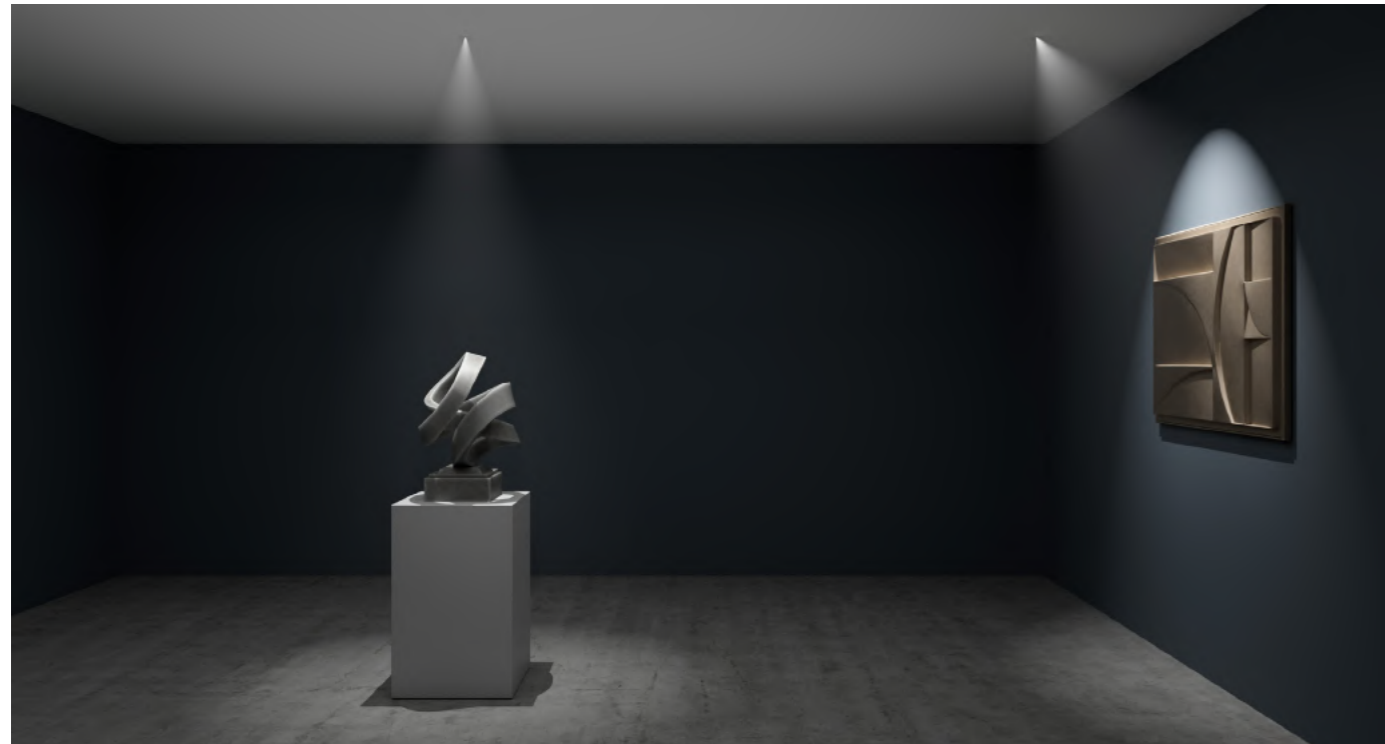
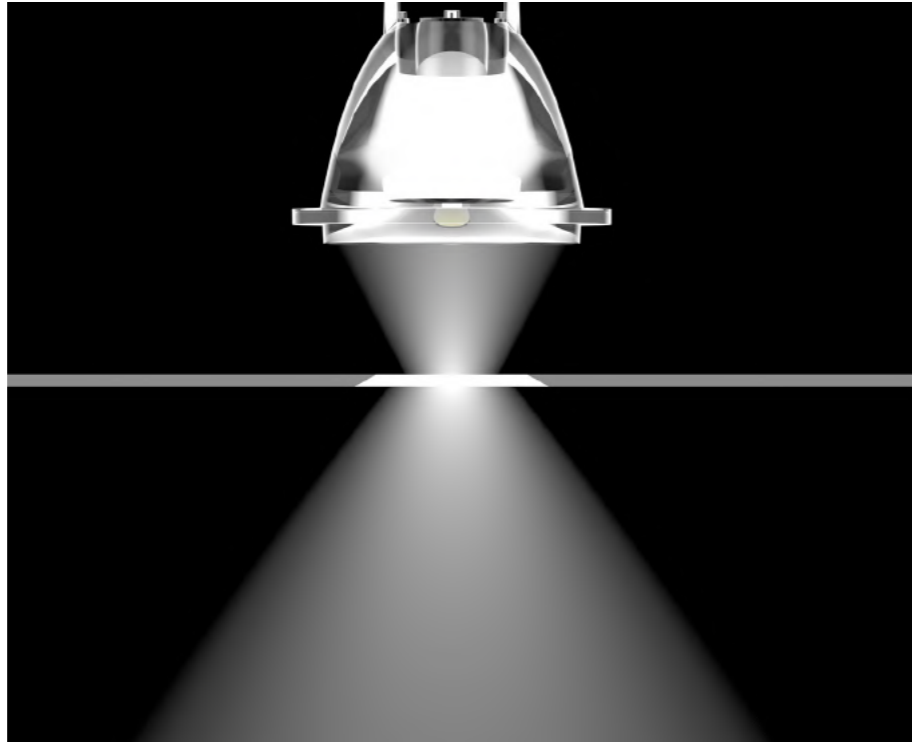
downlight

spotlight

High-efficiency lens

EN Large light output – almost unnoticed. SPIO has a special LFO lens, which is mounted at an exact distance from the light-emission surface, thus ensuring that no light beam appears on the inner surface of the housing. This reduces the light-emission surface, and SPIO illuminates the room almost unnoticed.

IT Luce di grande efficacia ma quasi impercettibile. SPIO è costruito con una lente speciale LFO montata a una distanza precisa dalla superficie di emissione della luce. Questa distanza è calcolata in modo tale che le radiazioni luminose non incidano sulla parte interna. In altre parole la superficie di emissione si riduce e i faretti SPIO illuminano senza farsi notare.



Homogeneous appearance

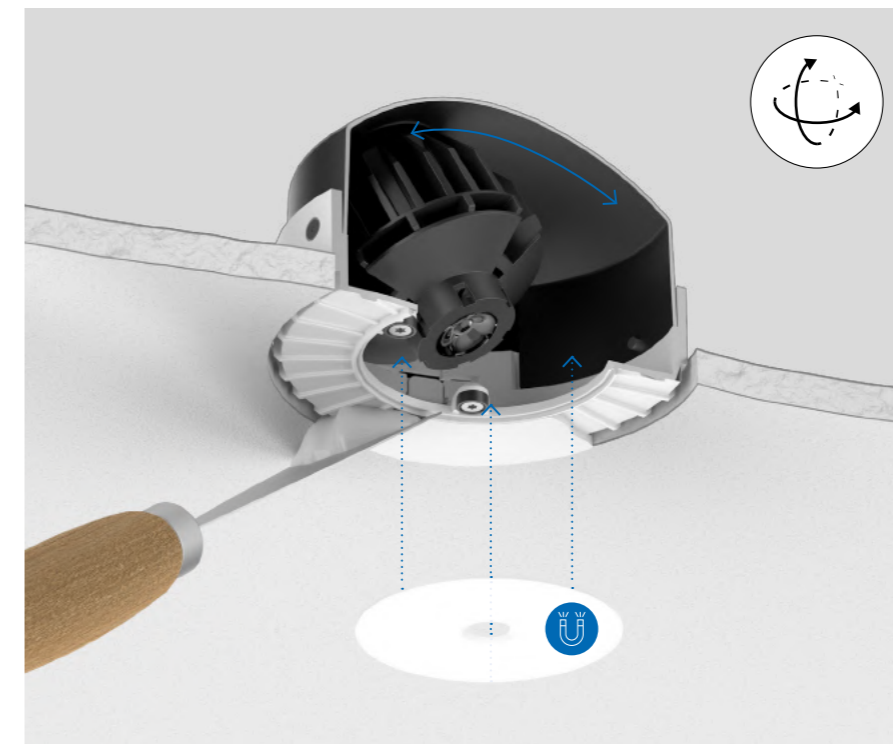
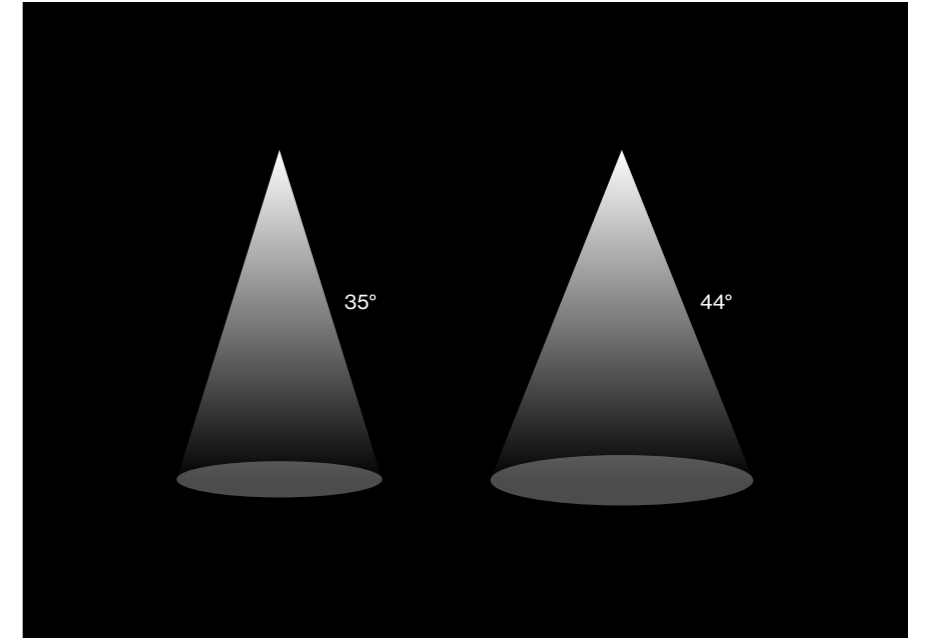
EN SPIO is the right choice for a uniform ceiling appearance. Thanks to its extremely small light aperture of 10 mm, the recessed spotlight appears almost invisible. The effective lighting is rounded off by its minimalist design language.

IT SPIO costituisce la scelta migliore per un soffitto di aspetto unitario. Con la sua apertura di emissione decisamente ridotta, di soli 10 mm, il faretto incassato sembra quasi invisibile. Il particolare effetto di luce è sottolineato dal minimalismo del linguaggio formale.

Light distribution

EN Despite its small emission surface, the recessed spotlight achieves a beam angle of either 35° or 44°. SPIO thus provides glare-free light and skilfully stages objects.

IT A dispetto della superficie di emissione ridotta, il faretto SPIO distribuisce la luce con un angolo di 35° o 44° a scelta. Ne deriva un'illuminazione che non abbaglia e che mette gli oggetti abilmente in scena.



Precise light adjustment

EN The adjustable version of SPIO, patent pending, can be moved in all directions thanks to a magnetic plate. The spotlight can thus both be rotated 360° and pivoted up to 30° in all directions. As a result, it offers the greatest flexibility in directing and guiding light exactly where it is desired.

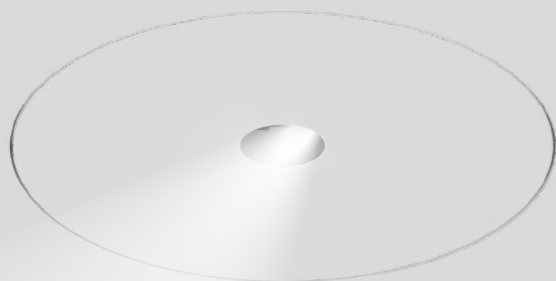
IT SPIO in versione ajustabile, per la quale è stato richiesto il brevetto, si muove in tutte le direzioni mediante una testata magnetica. Pertanto il faretto non si limita a ruotare di 360° ma si inclina fino a 30° in ogni direzione. Ne deriva un'assoluta flessibilità nel guidare la luce esattamente dov'è richiesto.

Smooth and invisible

EN The trimless SPIO version can easily be maintained and adjusted thanks to its magnetic cover. The spotlight is completely fitted into a plasterboard ceiling. The recessed housing and ceiling can subsequently be painted over. The spots thus appear "invisible", creating a homogeneous, effective overall impression.

IT La variante SPIO senza bordi è coperta da una piastra magnetica che semplifica la manutenzione e le regolazioni. Il faretto si incassa interamente in un soffitto di cartongesso. In seguito l'alloggiamento può essere tinteggiato insieme al soffitto. In questo modo gli spot diventano "invisibili", creando un aspetto d'insieme omogeneo e suggestivo.

← back



reddot winner 2022



SPIO 60

recessed

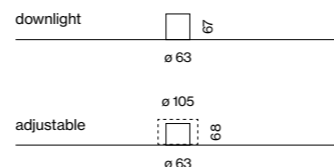
EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system or with magnetic attachment; for trimless installation in plasterboard ceilings; paintable cover; shadow joint between cover and mounting set optionally fillable; choice of adjustable or fixed symmetric radiation characteristic; high quality lens system; uncluttered ceiling look through recessed lighting level; reduced light-emitting surface (only ø10 mm); no multiple shadows; efficient LEDs with very good colour rendering

FI Faretto da incasso rotondo in alluminio pressofuso; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili o con attacco magnetico; incasso a scomparsa in soffitti di cartongesso; piastra verniciabile; giunto nascosto tra la piastra e il set di montaggio stuccabile a scelta; emissione a scelta regolabile o fissa simmetrica; ottica lenticolare di qualità; superficie di emissione arretrata per un soffitto di aspetto armonioso; superficie di emiss. ridotta (solo ø10 mm); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
up to 60 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

MATERIAL COLOUR

○ traffic white RAL9016
paintable cover

BEAM ANGLE

flood 35°	F
wide flood 44°	W

Options on request

COLOUR TEMPERATURE
4000 K

CONCRETE HOUSING

primed concrete ceiling
exposed concrete ceiling



SPIO 60 downlight



DOWNLIGHT	LUMINOUS FLUX	ORDER CODE
INSET POWER 12.2 W 12 Vf 1050 mA	693 lm	0 4 8 - 1 5 1 0 :: 1 7 ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm	ORDER CODE
COLOUR ○ traffic white RAL9016	0 4 8 - 2 6 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 1 5 9 7 2 0 7
● jet black RAL 9005	0 4 8 - 1 5 9 7 2 0 8

SPIO 60 adjustable



ADJUSTABLE	LUMINOUS FLUX	ORDER CODE
INSET POWER 9.7 W 12 Vf 850 mA	582 lm	0 4 8 - 1 5 2 0 :: 1 7 ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm	ORDER CODE
COLOUR ○ traffic white RAL9016	0 4 8 - 1 5 9 8 1 0 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 1 5 9 7 1 0 7
● jet black RAL 9005	0 4 8 - 1 5 9 7 1 0 8

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
850 mA non DIM	η 85 %	147-44-22	0 0 2 - 9 0 7 8 5
850 mA DALI-2	η 85 %	147-44-22	0 0 2 - 9 0 7 8 6
1050 mA non DIM	η 85 %	147-44-22	0 0 2 - 9 0 7 8 7
1050 mA DALI-2	η 85 %	147-44-22	0 0 2 - 9 0 7 8 8

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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	36-88-59	0 0 5 - 6 1 2 1 0 3 0
2 × 42 W 48 V DC U _{OUT} 10-40 V		

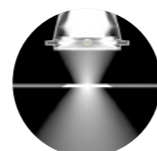
for more details and components see page 981



10 mm light output area



trimless installation



LFO lens technology



paintable cover

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood 2700 K -5%

Private Residence
Visualisation



Private Residence
Visualisation



Spotlights behind the scene

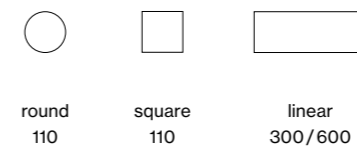


CAVO

EN CAVO embodies a new type of lighting system. The round, square, rectangular, or flexible installation system can be integrated flush in suspended ceilings. The spotlights can be positioned and connected almost anywhere using a patented magnet system while remaining discreetly in the background. The spots can be rotated and swivelled individually. The glowing variant offers decorative indirect lighting of the recessed housing, which backlights the spots and effectively de-locates the light points.

IT CAVO esprime un modo tutto nuovo di illuminare. L'armatura di forma quadrata, rotonda o rettangolare si incassa nei controsoffitti a filo superficie. Su questo elemento è possibile posizionare e collegare i faretto con un sistema magnetico brevettato, disponendoli a proprio piacimento e sfruttando un alloggiamento quasi invisibile. Ogni faretto può essere ruotato e orientato singolarmente, mentre con la variante Glowing si illumina l'armatura dall'interno generando una decorativa retroilluminazione dei punti luce.

Types

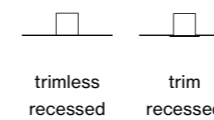


round
110

square
110

linear
300/600

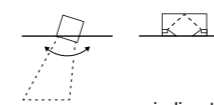
Mountings



trimless
recessed

trim
recessed

Light distributions



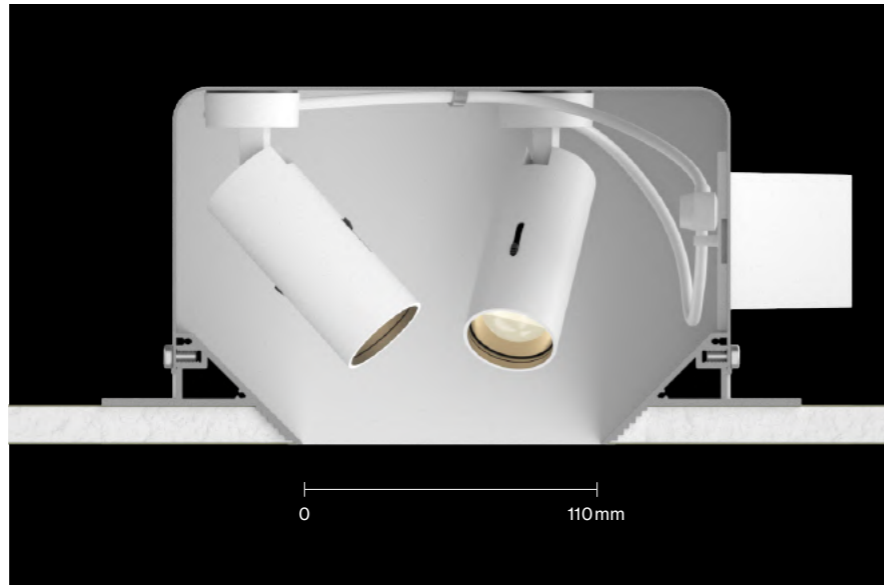
spotlight

indirect
glowing light

Works invisibly

EN CAVO spotlights are mounted without tools and magnetically fixed, discreetly concealing the light source in the housing. The recessed light point plane also provides ample glare control.

IT I faretti CAVO si montano senza bisogno di utensili e si fissano con sistema magnetico, lasciando la sorgente luminosa nascosta nel suo involucro. Il punto luce ribassato procura anche una valida schermatura.



Glowing effect

EN CAVO Glowing is a variant with powerful indirect lighting. Light insets, which are placed inside the box and the housing channel, illuminate from within. This creates subtle, decorative indirect light in the channel, complementing the directional light.

IT CAVO Glowing è una variante con illuminazione indiretta d'effetto. Gli inserti luminosi posti all'interno, o nel canale dell'housing, illuminano il corpo lampada dall'interno. Si viene così a formare una luce indiretta sobria e decorativa a integrazione di quella direzionata.



Magnetic attachment

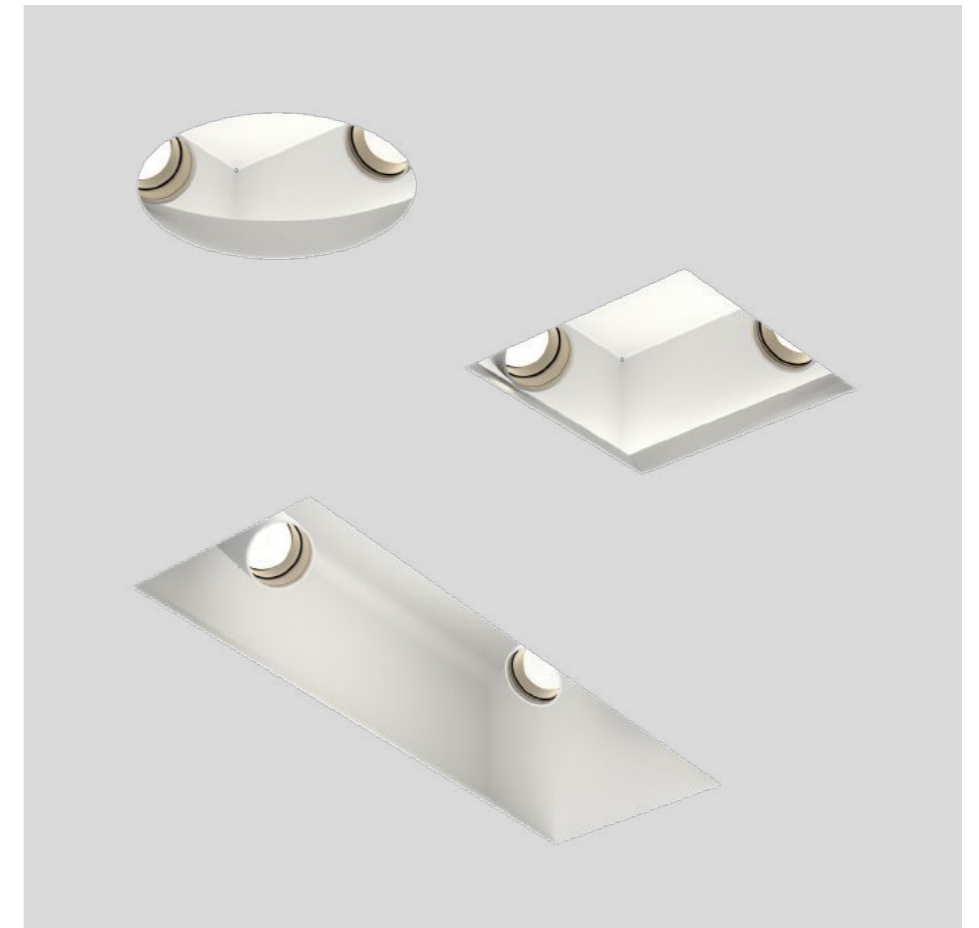
EN CAVO spotlights are easy to rotate and swivel and can be repositioned and rearranged according to requirements, providing maximum mobility and light exactly where it is needed. The magnet system repositions each spotlight within the housing with just one touch.

IT Massima libertà di movimento e illuminazione ottimale: i faretti CAVO possono essere ruotati, orientati e spostati con estrema facilità, consentendo quindi di cambiar loro posizione come e dove si vuole. Il sistema magnetico permette infatti di fissarli all'interno della cassaforma con un semplice gesto.

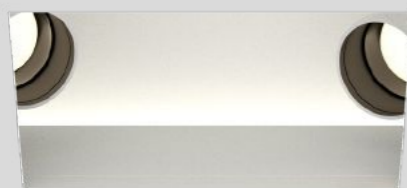
Variety

EN The individual housing is directly attached to the bare ceiling. As a single luminaire, CAVO has four different recessed housings (round, square, or rectangular in two lengths), which can be arranged with up to six spotlights.

IT La singola armatura si fissa direttamente al soffitto grezzo. Per l'apparecchio CAVO sono previsti quattro tipi di armature da incasso (rotonda, quadrata oppure rettangolare in due lunghezze) in cui si possono alloggiare fino a un massimo di sei faretti.



← back



CAVO round/square

recessed

Recessed housing made of pressed steel sheet for flush installation in plasterboard ceilings, underside of aluminium-reinforced plaster; alternatively with round or square cut-out; no break-out of edges; 3 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; housing and spotlights powder coated; optionally: indirect light component in housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristic; optical attachments as accessories; hot plug protection

Telaio da incasso in lamiera d'acciaio per incasso a scomparsa in soffitti in cartongesso, lato inferiore in gesso rinforzato con alluminio; a scelta con sagoma rotonda o quadrata; a scelta con sagoma rotonda o quadrata; nessuna rottura dei bordi; 3 faretti cilindrici montabili senza utensili tramite fissaggio magnetico; collegamento elettrico dei faretti semplificato dal sistema Plug & Play a prova di polarizzazione inversa; housing e faretti verniciati a polvere; in opzione: luce indiretta; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica; ottima schermatura con superficie di emissione arretrata; ottica lenticolare di qualità; emissione precisa; unità ottiche come accessori; protezione hot plug

Quickinfo

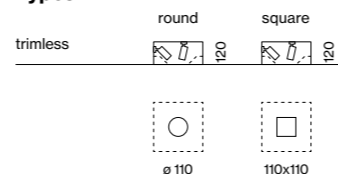
2700 K, 3000 K
CRI ≥ 90, 2 SDCM
DALI-2

L80 @ 50 000 h
mounting housing with glowing

L90 @ 50 000 h
JUST 45 up to 69lm/W

L95 @ 50 000 h
JUST 32 focus up to 3x54 lm/W

Types



Housing colours



Inset colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL

DALI-2

INSET COLOUR

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input type="radio"/> gold dust RAL 260-M	9

HOUSING COLOUR

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

BEAM ANGLE

medium 23°	M
flood 44°	F

Options on request

OPTICAL ACCESSORIES

elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 focus



magnetic holders for tool-free mounting

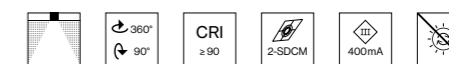


optical accessories

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens medium 2700 K -5%



JUST 32 focus 17-43°

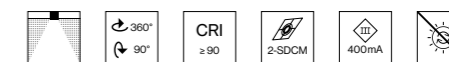


SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
4.6 W	250 lm	0 4 9 - 8 2 1 1 :: 3

not for single use

JUST 45



SPOTLIGHT

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W	640 lm	0 4 9 - 8 3 0 2 :: 3

Mounting accessories

MOUNTING HOUSING 1 DALI-2 address

for trimless installation in plasterboard ceilings 8-25 mm

TYPE	L-W-H (mm)	ORDER CODE
round 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 0 3 0 3
square 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 1 3 0 3

incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved

MOUNTING HOUSING WITH GLOWING (3000 K) 2 DALI-2 addresses

for trimless installation in plasterboard ceilings 8-25 mm

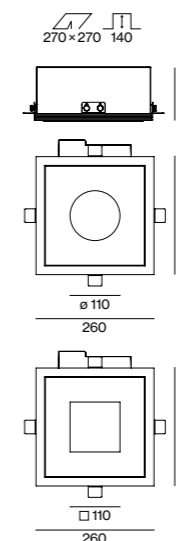
TYPE	L-W-H (mm)	ORDER CODE
round 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 2 3 5 3 7
square 3 spots (4.5 kg)	260-260-120	0 4 9 - 8 8 3 3 5 3 7

incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
JUST 32 focus	30-4	0 0 7 - 1 9 6 5 1 6 8
JUST 45	42-3	0 0 7 - 1 9 6 5 1 8 8



Freigeist Brauquartier
Graz, AT – by FIPE ARCHITECTURE
with lighting design by Eugen Schöberl



← back



CAVO linear

recessed

Installation housing in pressed steel sheet with rectangular cut-out; for trimless installation in plasterboard ceilings; special edge design with perforations for better adhesion of filler; or with trim; 3 or 6 cylindrical spotlight heads can be installed without tools by means of magnetic holders; simple electrical connection of the spotlights due to non-reversible plug and play connection; housing and spotlights powder coated; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristic; optical attachments as accessories; hot plug protection

Cassaforma in lamiera d'acciaio con sagoma rettangolare; incasso a scomparsa in soffitti di cartongesso; bordatura speciale forata per una migliore aderenza dello stucco; o con bordo perimetrale; 3 o 6 faretti cilindrici montabili senza utensili tramite fissaggio magnetico; collegamento elettrico dei faretti semplificato dal sistema Plug & Play a prova di polarizzazione inversa; housing e faretti verniciati a polvere; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica; ottima schermatura con superficie di emissione arretrata; ottica lenticolare di qualità; emissione precisa; unità ottiche come accessori; protezione hot plug

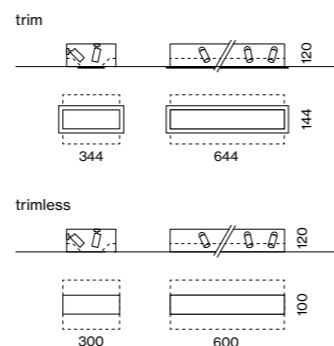
Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
DALI-2

L90 @ 50 000 h
JUST 45 up to 6×69 lm/W

L95 @ 50 000 h
JUST 32 focus up to 6×54 lm/W

Types



Housing colours



Inset colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL
DALI-2

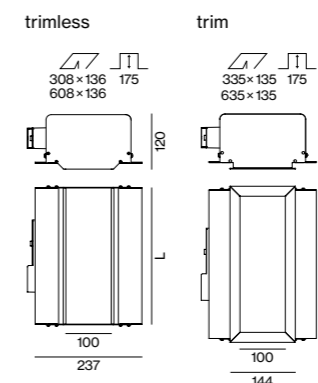
INSET COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● gold dust RAL 260-M	9

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

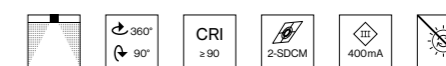
BEAM ANGLE	
medium 23°	M
flood 44°	F

Options on request

OPTICAL ACCESSORIES
elliptical sculpture foil
snoot
colour filter (red, blue, green, etc.)
only for JUST 32 focus

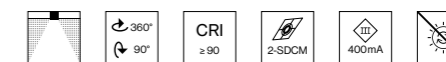


JUST 32 focus 17-43°



SPOTLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	4.6 W	250 lm	049-821133
not for single use			

JUST 45



SPOTLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	8.8 W	640 lm	049-830233

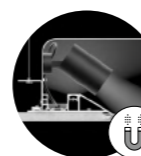
Mounting accessories

TRIMLESS MOUNTING HOUSING			
for trimless installation in plasterboard ceilings 12.5 mm			
TYPE	L-W-H (mm)	ORDER CODE	
for 3 spots (2.4 kg), 1 DALI	308-252-120	049-884303	
for 6 spots (3.6 kg), 2 DALI	608-269-120	049-884603	
incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved			

MOUNTING HOUSING WITH TRIM			
for intermediate ceilings 12.5 mm			
TYPE	L-W-H (mm)	ORDER CODE	
for 3 spots (2.7 kg), 1 DALI	344-254-120	049-885303	
for 6 spots (4.7 kg), 2 DALI	644-271-120	049-885603	
incl. power supply 220-240 V AC, 50-60 Hz, PC I, ENEC approved			

Optical accessories

HONEYCOMB LOUVER		
TYPE	Ø-H (mm)	ORDER CODE
JUST 32 focus	30-4	007-1965168
JUST 45	42-3	007-1965188



magnetic holders for tool-free mounting



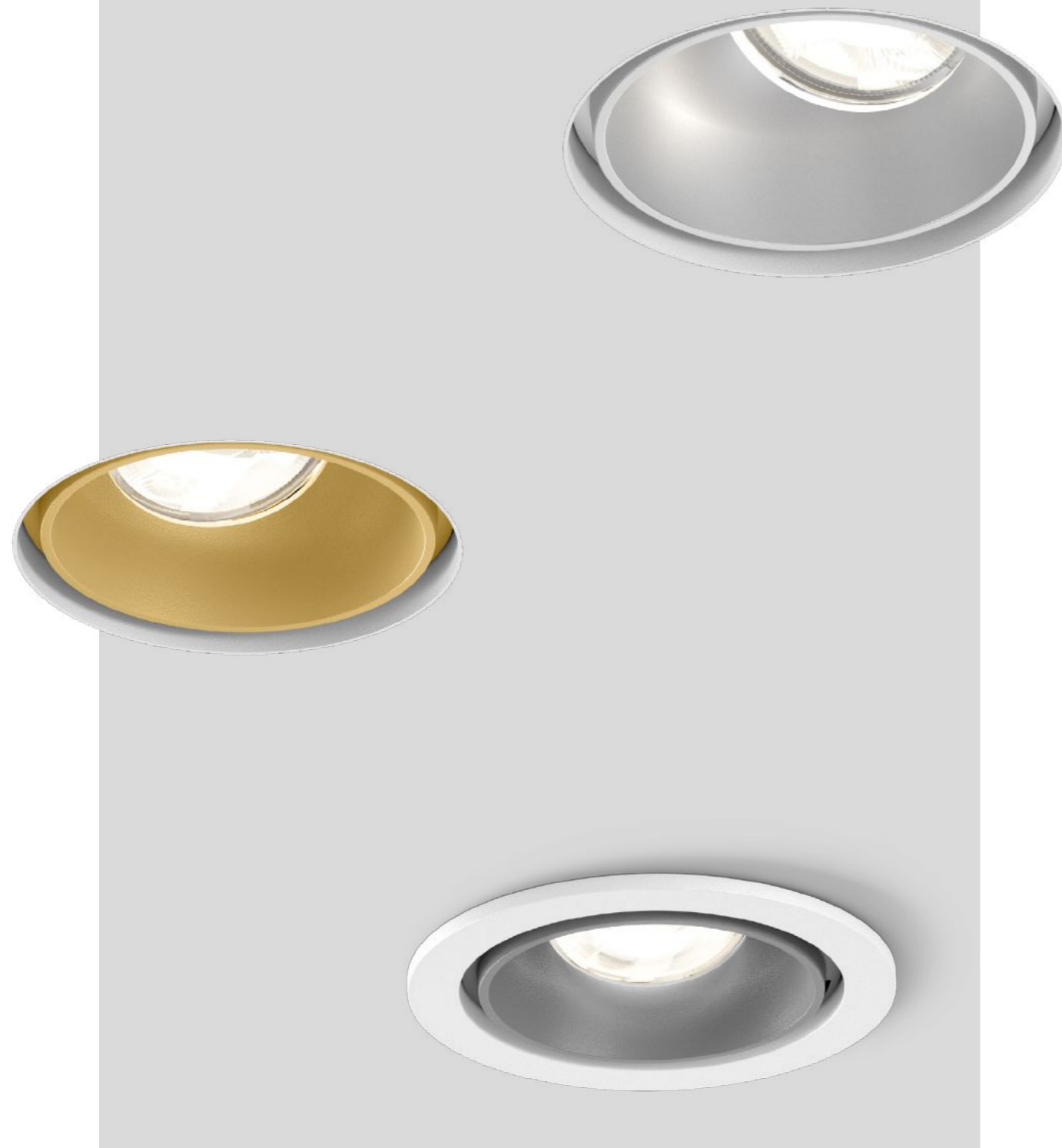
optical accessories

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens medium 2700 K -5%

Boutique Frame Moscow, RU –
by Architectural Group Method with
lighting design by KA2 Light Architecture



Combine with your design



SASSO

EN SASSO is a glamorous lighting solution for extravagant interior concepts regardless of how it is used. The versatile spotlight series is available as a recessed, semi-recessed, ceiling- or wall-mounted, or suspended version. Choose between round or square versions, as well as single or double-lamp spotlights in some versions. To ensure the spot fits harmoniously into the overall design, it is available in many colours. The housing colours white, black, and silver can be optimally combined with a selection of differently coloured insets. SASSO is available with different light distribution characteristics – either as spotlight, downlight, wallwasher, or wallwasher floor. In addition, sensors or emergency insets are optionally available. The series is characterised by an excellent colour rendering up to $\text{CRI} \geq 95$ (2-SDCM) in all light colours: 2700K, 3000K, 4000K, or Colour Warm Dimming.

IT A prescindere dal tipo di installazione, gli spot SASSO sono l'illuminazione perfetta per creare un ambiente stiloso e stravagante. La serie offre numerose varianti: montaggio a incasso, semi-incasso, plafone a parete o soffitto e sospensione, con modelli quadrati oppure rotondi. Per armonizzare con ogni allestimento sono disponibili diversi colori: housing in bianco, nero, argento oppure oro, abbinabile a riflettori in svariati colori. SASSO vanta una pregiata ottica lenticolare che guida il fascio di luce con precisione, a scelta come spotlight, downlight, wallwasher oppure wallwasher-floor. Tutte le temperature di colore – 2700K, 3000K e 4000K (o CWD) – assicurano un ottimo indice di resa cromatica $\text{CRI} \geq 90$.

Types

40 round 1 lamp	60 round 1 lamp	60 round 2 lamps	60 square 1 lamp	60 square 2 lamps	100 round 1 lamp	100 round 2 lamps	100 square 1 lamp	100 square 2 lamps

Mountings

trimless recessed	with trim recessed	semi- recessed	ceiling	suspended	wall

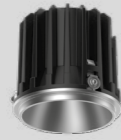
Light distributions

downlight	sensor	spotlight	wallwasher	floor wallwasher	emergency light	direct (only wall)	direct/indirect (only wall)

SASSO recessed

Light engines

SASSO 40
round
adjustable/
downlight



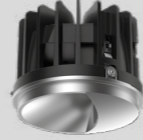
SASSO 40
round
wallwasher /
wallwasher floor



SASSO 60
round
adjustable/
downlight



SASSO 60
round
wallwasher /
wallwasher floor



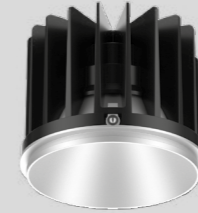
SASSO 60
square
downlight



SASSO 60
square
wallwasher /
wallwasher floor



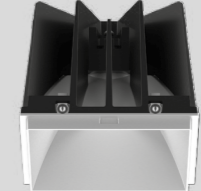
SASSO 100
round
adjustable/
downlight



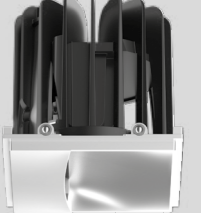
SASSO 100
round
wallwasher /
wallwasher floor



SASSO 100
square
adjustable/
downlight



SASSO 100
square
wallwasher /
wallwasher floor



INSET POWER
LUMINOUS EFFICACY
LUMINOUS FLUX
COLOUR TEMPERATURE
BEAM ANGLE
IP RATING

7.4W
up to 84lm/W
up to 624lm
2700, 3000, 4000K
14°, 27°, 45°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

6.8W
up to 97lm/W
up to 659lm
2700, 3000, 4000K
asymmetric
IP20

10.7W
up to 107lm/W
up to 1150lm
2700,3000,4000K,CWD
15°, 21°, 42°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

8.2W
up to 89lm/W
up to 726lm
2700, 3000, 4000K
asymmetric
IP20

10.7W
up to 110lm/W
up to 1180lm
2700,3000,4000K,CWD
15°, 21°, 42°
‡ IP44 / † IP20

8.2W
up to 89lm/W
up to 726lm
2700, 3000, 4000K
asymmetric
IP20

17.2W, 25W
up to 116lm/W
up to 2630lm
2700, 3000, 4000K
19°, 34°, 45°, 65°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

25W, 23.4W
up to 120lm/W
up to 2810lm
2700, 3000, 4000K
asymmetric
IP20

17.2W, 25W
up to 116lm/W
up to 2640lm
2700, 3000, 4000K
19°, 34°, 45°, 65°
‡ IP40 / † IP20 (adj.)
‡ IP44 / † IP20 (dl.)

25W, 23.4W
up to 120lm/W
up to 2810lm
2700, 3000, 4000K
asymmetric
IP20

MATERIAL COLOUR
matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

matt silver, white,
black, gold

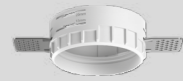
matt silver, white,
black, gold

matt silver, white,
black, gold

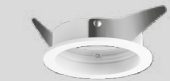
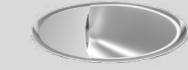
matt silver, white,
black, gold

matt silver, white,
black, gold

Mounting accessories



round trimless
for plasterboard ceilings 12.5/15/25 mm



round with trim | 1 lamp
for intermediate ceilings 2-25 mm



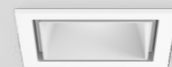
round with trim | 2 lamps
for intermediate ceilings 2-25 mm



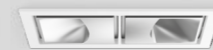
square trimless
for plasterboard ceilings 12.5/15/25 mm

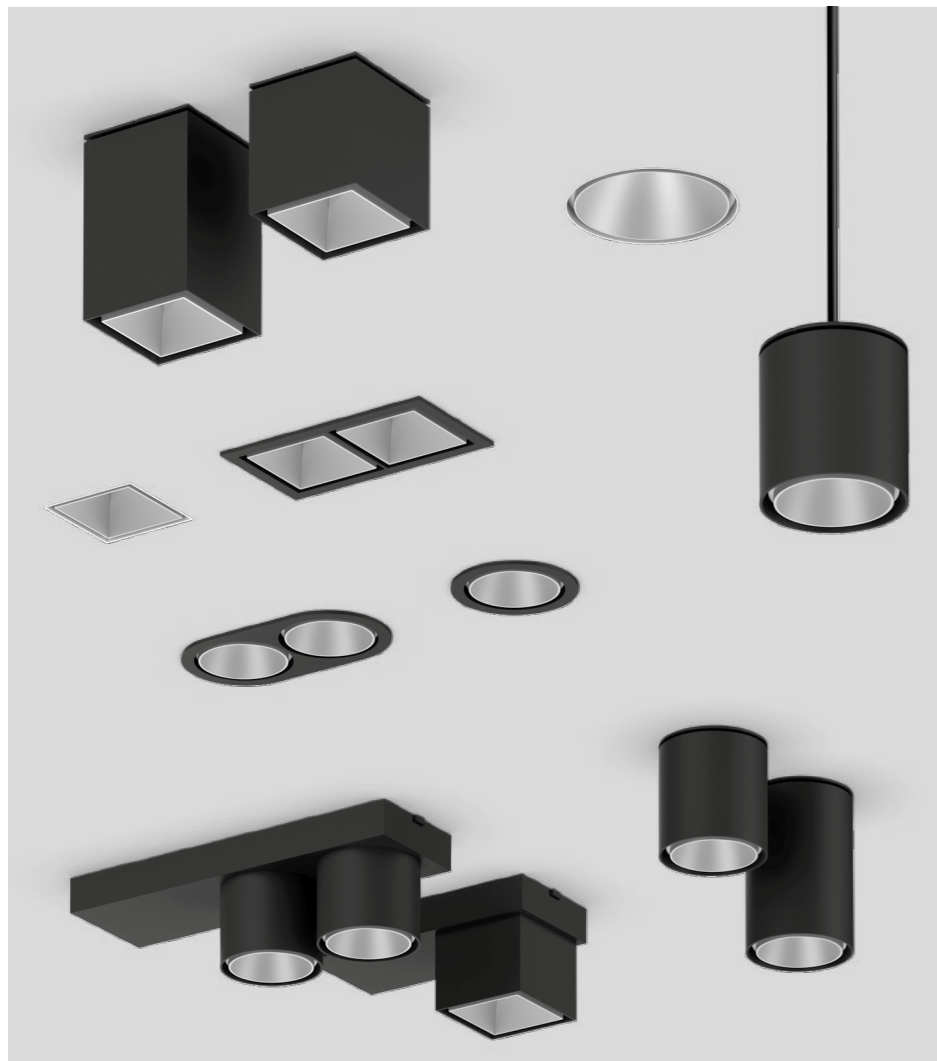


square with trim | 1 lamp
for intermediate ceilings 2-25 mm



square with trim | 2 lamps
for intermediate ceilings 2-25 mm





Variety

EN SASSO can be integrated into any lighting design concept. The spotlights are available as recessed, semi-recessed, wall and ceiling mounted variants, as single or dual-lamp spotlights in an elegant base, or as suspended versions. Depending on the interior design, choose between round or square luminaires and the recessed set with or without trim.

IT SASSO sono la soluzione perfetta per ogni progetto illuminotecnico. I faretti sono montabili a incasso, semi-incasso, plafone a parete e soffitto, sia in versione singola che doppia con una base elegante oppure a sospensione. In base al design degli interni, è possibile optare per la forma rotonda o quadrata e per un set da incasso con o senza cornice.

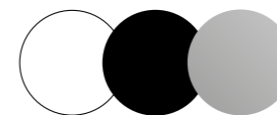
Colour variety

EN SASSO is available in many different colour variations to complement custom designs and colour concepts. The select housing colours (white, black, and silver) combine beautifully with silver, white, black, or gold insets, delivering a harmonious, high-quality overall design.

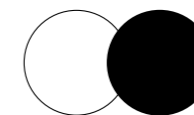
IT I prodotti SASSO vengono proposti in molte combinazioni di colori con cui personalizzare i progetti. I colori delle housing esterne (bianco, nero, argento e oro) si intonano perfettamente a quelli dei moduli luminosi interni (argento, bianco, nero, oro o rame): il risultato finale è un design armonioso e sofisticato.



Housing colours



SASSO 60/100 recessed



SASSO 40 recessed
SASSO 60/100 semi-recessed/
ceiling / suspended / wall

Inset colours



Precise light adjustment

EN A patented swivel mechanism offers the highest possible flexibility. The spotlight can be rotated through 360° and swivelled up to 30° around the horizontal axis. This enables light to be directed precisely where it is needed.

IT Un meccanismo brevettato assicura la massima flessibilità di regolazione. Lo spot ruota di 360° e si inclina anche di 30° sull'asse orizzontale. In questo modo il fascio di luce viene guidato esattamente dove serve.



Low recess depth

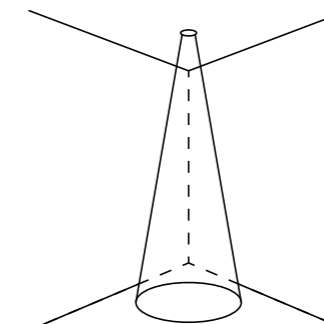
EN SASSO 40 complements XAL's SASSO product family with a small, flexible spotlight that is particularly impressive due to its low height. This makes it an ideal lighting solution for ceiling constructions with an unusually low installation depth.

IT La linea di prodotti SASSO offerta da XAL si completa con il modello SASSO 40, un flessibile spot che vanta uno spessore minimo. Si tratta di una soluzione ideale quando i soffitti consentono profondità d'incasso particolarmente ridotte.

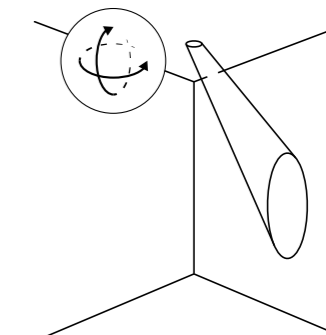
Light distributions

EN SASSO has four optics and thus fulfils all the fundamental functions of your lighting concept. Vertical lighting is provided by downlights with different beam angles; wallwasher and wall-floor optics provide extensive wall and floor illumination; the adjustable spotlight sets accents. If the functional area changes, the optics in the luminaire housing can be simply replaced without tools.

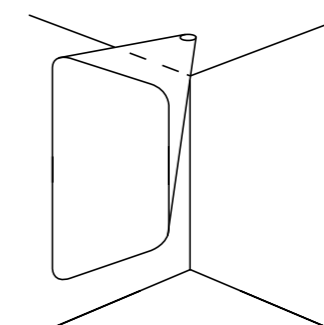
IT Il programma SASSO comprende quattro tipi di ottiche che coprono tutte le funzioni illuminotecniche. Per l'illuminazione verticale si usano downlight con diversi angoli di emissione, mentre le ottiche wallwasher e wall-floor diffondono una luminosità estesa su pareti e pavimenti. Per gli accenti mirati si ricorre invece ai faretti direzionabili. Quando occorre cambiare la funzione, basta semplicemente sostituire l'ottica all'interno dell'armatura: un'operazione rapida che non richiede utensili.



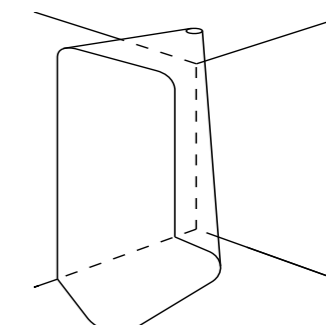
SASSO 60 downlight



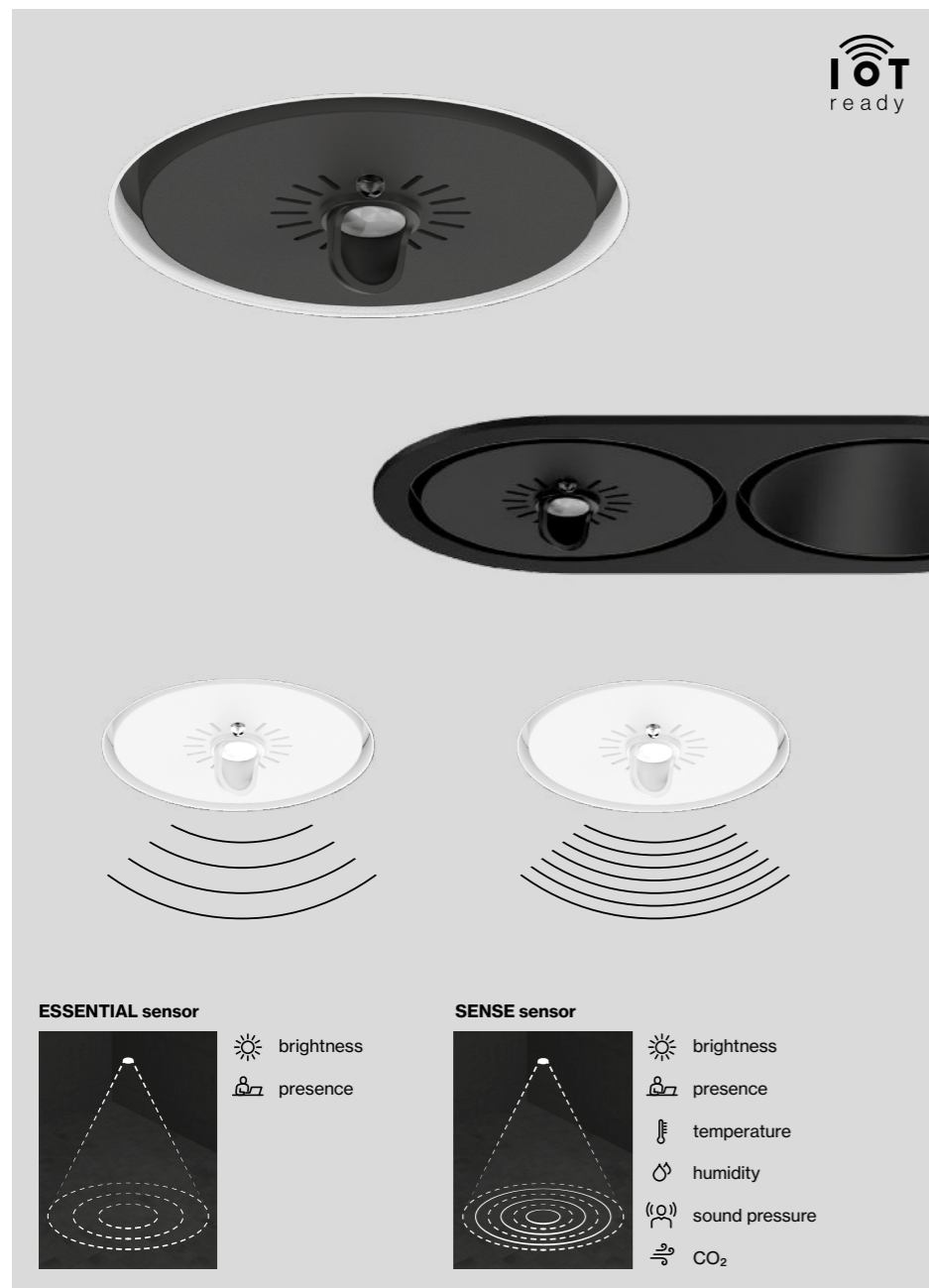
SASSO 60 adjustable



SASSO 60 wallwasher



SASSO 60 wallwasher floor



Smart lighting

EN Special sensors expand the SASSO round recessed product family with smart lighting control and collection of insightful data. The ESSENTIAL sensor enables dynamic adjustment of the lighting to ambient brightness and room activity. The SENSE version also measures values such as temperature, air quality, humidity and noise level. These data not only provide important insights into the ambient conditions and use of rooms, but also support energy savings in the long term.

IT La linea di prodotti SASSO round recessed si completa con sensori speciali per controllare la luce in modo intelligente e rilevare dati significativi. Il sensore ESSENTIAL serve a regolare dinamicamente l'illuminazione in base alla luminosità circostante e all'attività svolta. 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.

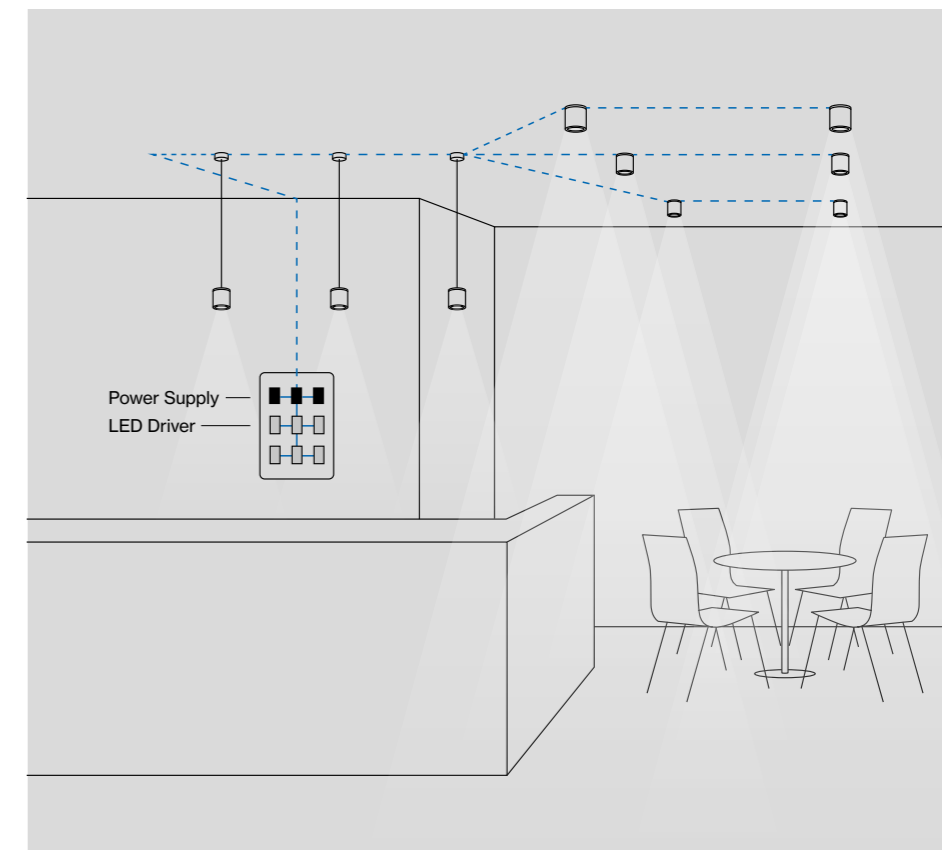
DIN Rail (DALI)

EN The DIN Rail driver centralises the power supply of several spotlights. This simplifies both the installation and maintenance of a lighting system: drivers no longer have to be installed in false ceilings, but are located collectively in a control cabinet.

More information on page 981.

IT Il converter DIN Rail centralizza l'alimentazione di vari faretti. Questo serve a semplificare sia l'installazione che la manutenzione di un impianto illuminotecnico: i converter non si inseriscono più nel controsoffitto bensì sono montati collettivamente in un quadro elettrico.

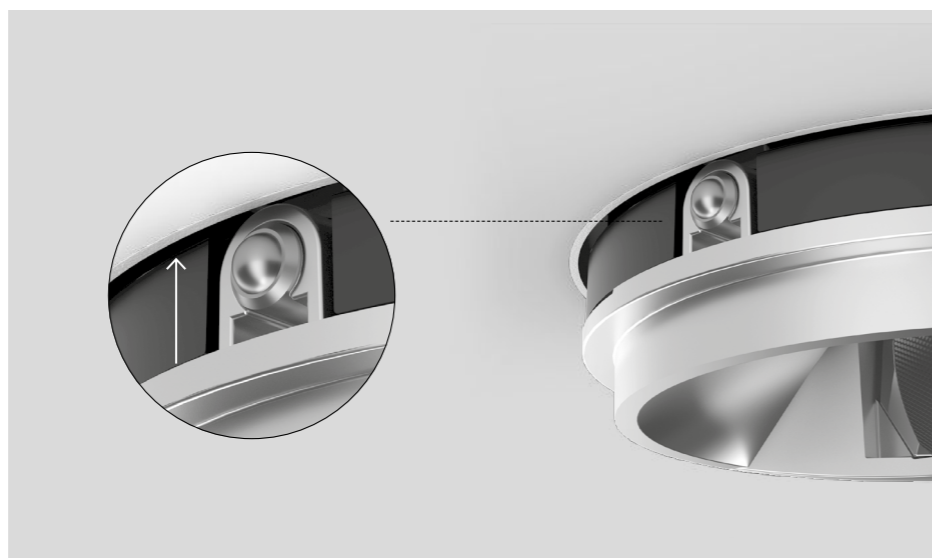
Altre informazioni a pagina 981



Ball catch system

EN SASSO spots are easy to replace. Assembly is quick and entirely without tools, thanks to a ball catch system. The lighting thus always adapts flexibly to new requirements and circumstances.

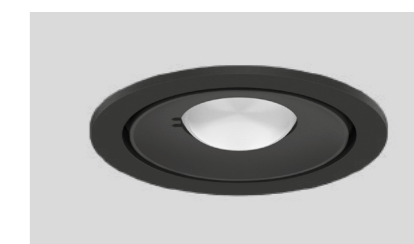
IT Gli spot SASSO si sostituiscono con facilità: il fissaggio funziona con un sistema di cuscinetti a sfera che non richiede alcuna attrezzatura. Pertanto, l'illuminazione si adatta con rapidità ad ogni nuova esigenza.



CWD – Colour Warm Dimming

EN Warm light quality with reduced illuminance. Colour Warm Dimming reduces the light intensity while continuously changing the colour temperature between 3000K and 1800K. The function supports, for example, the change between cosy restaurant lighting during the day and a relaxing lighting mood in the evening.

IT Luce di tonalità calda con illuminamento ridotto: Colour Warm Dimming abbassa l'intensità e contemporaneamente la temperatura di colore, scendendo da 3000K a 1800K. Al livello minimo la luce assume una tonalità particolarmente calda. Questa funzione consente di variare l'atmosfera, ad esempio in un ristorante, passando da un'illuminazione vivace di giorno a un clima da lume di candela la sera.



Emergency light

EN The round emergency light inset can be easily added to a lighting system without tools. The battery life is three hours – that's how long the inset can be disconnected from the power supply. It is available in three versions: BASIC provides for functional checking at the push of a button, SELF-TEST indicates functionality by means of a status LED, and in the PRO variant the status can be called up via DALI.

IT L'unità per luce di emergenza, di forma rotonda, si inserisce facilmente nell'impianto d'illuminazione senza bisogno di utensili. L'autonomia dell'accumulatore ammonta a tre ore: questo è il tempo in cui l'inserito può rimanere scollegato dall'alimentazione di corrente. Sono disponibili tre varianti: con BASIC si controlla lo stato premendo un pulsante, SELF-TEST visualizza il funzionamento con un LED segnaletico, mentre con la versione PRO lo stato è consultabile via DALI.

← back



SASSO 40 round

recessed



EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

IT Faretto a incasso rotondo; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con emissione simmetrica: emissione precisa con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
up to 97 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim  
ø 44-51

trimless  
ø 48

Housing colours



Inset colours



Light distributions



Order options

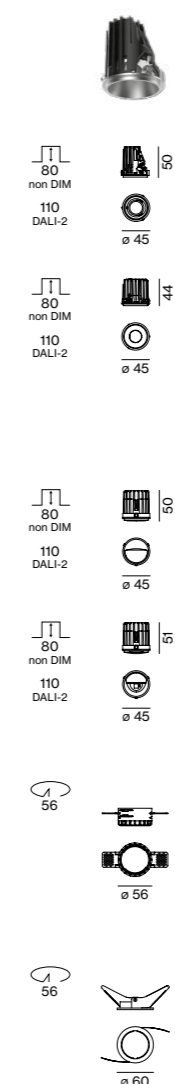
COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 14°	S
medium 27°	M
flood 45°	F

Options on request

POWER SUPPLY
DIM 1–10 V



SASSO 40 round



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
7.4 W 36 Vf 200 mA	624 lm	0 4 8 - 2 8 2 0 :: 1 ▽ ▲

DOWNLIGHT (↑ IP 44 / ↓ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
7.4 W 36 Vf 200 mA	624 lm	0 4 8 - 2 8 0 0 :: 1 ▽ ▲



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.8 W 27 Vf 250 mA	605 lm	0 4 8 - 2 8 4 0 :: 1 ▽ ▲

WALLWASHER / FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.8 W 27 Vf 250 mA	659 lm	0 4 8 - 2 8 4 0 :: 1 ▽ ▲ W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 8 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 8 9 6 3 1 7
● jet black RAL 9005	0 4 8 - 2 8 9 6 3 1 8

Electrical accessories

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

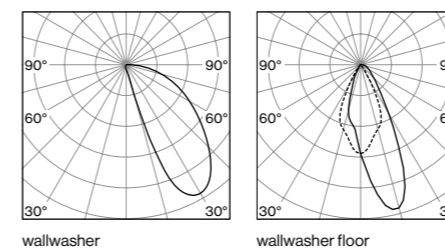
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
200 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 4
200 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 5
250 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 2
250 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

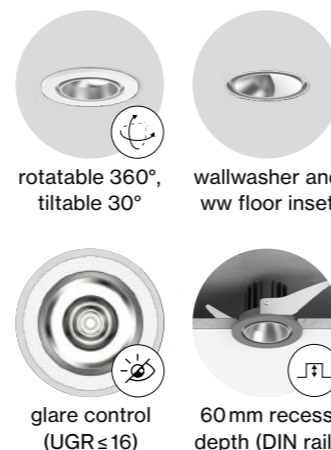
Light distributions



wallwasher

wallwasher floor

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%



rotatable 360°, tilttable 30°

wallwasher and ww floor inset



glare control (UGR ≤ 16)



60 mm recess depth (DIN rail)



Private Residence
Kreta, GR - by ROOMS GmbH



← back



SASSO 60 round

recessed

EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

IT Faretto a incasso rotondo; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K, CWD
 CRI ≥ 90, 2 SDCM
 up to 107 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2
 ↓ IP 44 / ↑ IP 20

Types

trim		48
	ø 80	
trimless		48
	ø 63	
double trim		48
	147x80	

Housing colours



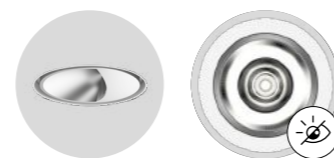
Inset colours



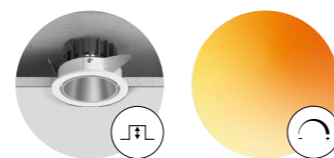
Light distributions



rotatable 360°,
tiltable 30°



wallwasher and
ww floor inset glare control
(UGR ≤ 16)



60 mm
recess depth CWD
1800-3000 K

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6
CWD 1800-3000 K*	

*only for DALI-2

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
spot 15°	S
medium 21°	M
flood 42°	F

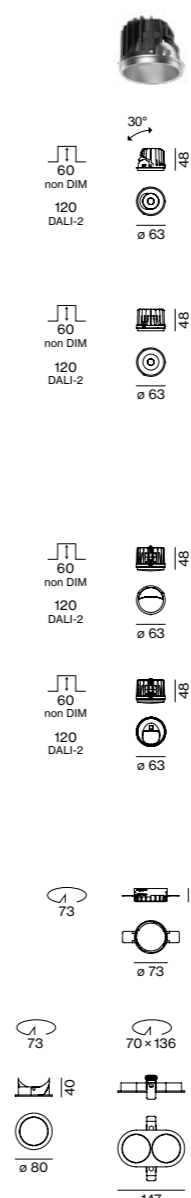
Options on request

COLOR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

CONTROL	
Casambi	

MOUNTING SET	
acoustic soft ceilings	

POWER SUPPLY	
DIM 1-10 V	



SASSO 60 round



ADJUSTABLE (↓ IP 40 / ↑ IP 20)		
INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1040 lm	0 4 8 - 2 6 2 2 :: 1 ▣ ▲
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 2 2 E 1 ▣ ▲

DOWNLIGHT (↓ IP 44 / ↑ IP 20)		
INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1070 lm	0 4 8 - 2 6 0 2 :: 1 ▣ ▲
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 0 2 E 1 ▣ ▲



WALLWASHER (IP 20)		
INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 2 6 4 1 :: 1 ▣ A

WALLWASHER / FLOOR (IP 20)		
INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 2 6 4 1 :: 1 ▣ W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm	
COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 6 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm		
TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 6 9 6 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 6 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 6 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 6 9 8 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 8 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 8 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	230-230-162	0 4 8 - 2 6 9 5 2 1 0
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

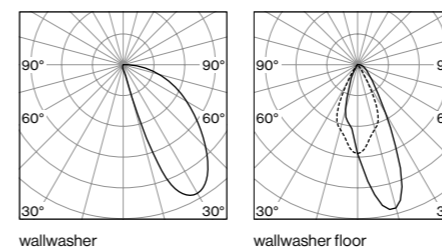
POWER SUPPLY 220-240 V AC, 50-60 Hz, □ PC II			
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2

DIN RAIL COMPONENTS		
TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC	90-90-60	0 0 5 - 6 5 2 0 2 1 0
96 W 48 V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	0 0 5 - 6 1 2 1 0 3 0

200-1050 mA settable const. current
 2x42W | 48V DC | U_{OUT} 10-40V

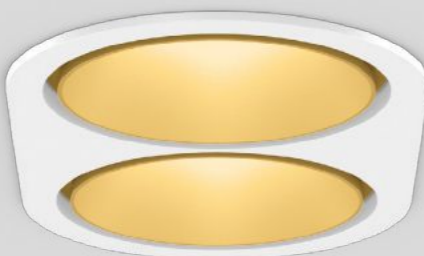
for more details and components see page 981

Light distributions



INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 100 round

recessed

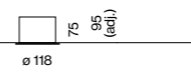
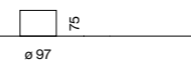
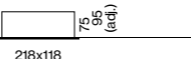
EN Round recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

IT Faretto a incasso rotondo; set di fissaggio without tools in mounting set (trimless or with trim) with ball catch system; surface verniciatura; incasso possibile in vari telai; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con emissione simmetrica: emissione precisa con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
up to 120 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		75 95 (depth) ø 118
trimless		75 ø 97
double trim		75 95 (depth) 218x118

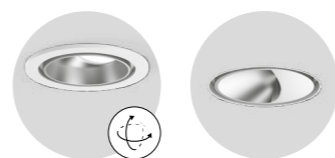
Housing colours



Inset colours



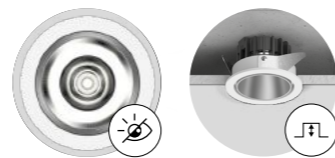
Light distributions



rotatable 360°,
tiltable 30°



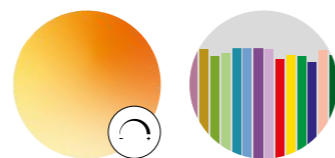
wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



80 mm
recess depth



CWD
1800-3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	☐☐
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	☑
☐ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800-3000 K
not for WW & WWF version

CONTROL

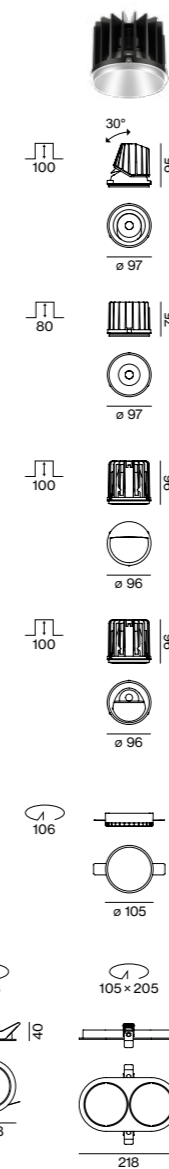
Casambi

MOUNTING SET

acoustic soft ceilings

POWER SUPPLY

DIM 1-10 V



SASSO 100 round



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1850 lm	0 4 8 - 2 7 2 0 :: 1 ☑ ▲
25 W 36 Vf 700 mA	2450 lm	0 4 8 - 2 7 2 0 :: 1 ☑ ▲

DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1830 lm	0 4 8 - 2 7 0 0 :: 1 ☑ ▲
25 W 36 Vf 700 mA	2410 lm	0 4 8 - 2 7 0 0 :: 1 ☑ ▲



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
25 W 36 Vf 700 mA	2290 lm	0 4 8 - 2 7 4 0 :: 1 ☑ ▲

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
23.4 W 36 Vf 700 mA	2670 lm	0 4 8 - 2 7 4 0 :: 1 ☑ ▲

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
☐ traffic white RAL9016	0 4 8 - 2 7 9 6 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2-25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 6 3 1 G
	☐ traffic white RAL9016	0 4 8 - 2 7 9 6 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 6 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 7 9 8 3 1 G
	☐ traffic white RAL9016	0 4 8 - 2 7 9 8 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 8 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
exposed concrete ceilings	230-230-162	0 4 8 - 2 7 9 5 2 1 0
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9
700 mA non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

THROUGH WIRING CONNECTION BOX

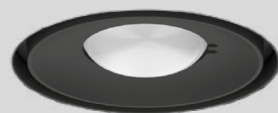
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4-12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10-40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, wide flood
2700 K -5%, 4000 K +5%



SASSO 60 round sensor/emergency

recessed

EN Round inset (Emergency Light or Sensor); installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; LED emergency light inset: 3 variants with different test possibilities - BASIC with test button, SELF-TEST with status LED or PRO DALI-2 with monitoring via DALI; sensor with DALI-2 control: 2 variants - ESSENTIAL with brightness and presence sensor or SENSE with additional temperature, humidity, air quality and noise level measurement

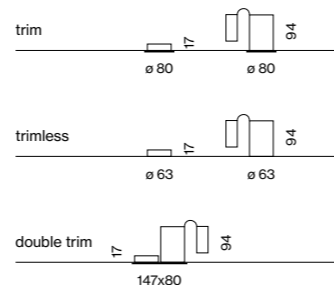
IT Inserto lum. rotondo (luce di emerg. o sensore); set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; Inserto per luce di emerg. a LED: 3 varianti con diversi modi - BASIC con pulsante di test, SELF-TEST con LED di stato o PRO DALI-2 con monitoraggio via DALI; sensore con controllo DALI-2: 2 varianti - ESSENTIAL con sensore di luminosità e presenza o SENSE con misurazione aggiuntiva di temperatura, umidità, qualità dell'aria e livello di rumore

Quickinfo

sensor
ESSENTIAL, SENSE
DALI-2

emergency light
6500K
CRI ≥ 80
200lm
L80 @ 50000h
non maintained

Types



Housing colours



Inset colours



Sensors



Order options

INSET COLOUR
 traffic white RAL 9016 7
 jet black RAL 9005 1

BEAM ANGLE EMERGENCY LIGHT

spot lens
escape route lens
anti panic lens

Options on request

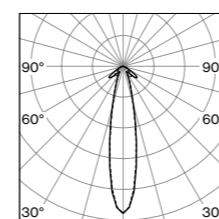
MOUNTING SET

acoustic soft ceilings

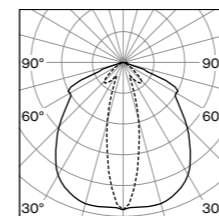
INSET COLOUR

grey, gold

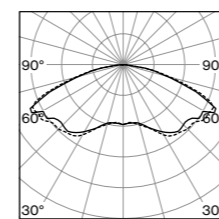
Light distributions



emergency light
spot lens



emergency light
escape route lens



emergency light
anti panic lens



SASSO 60 sensor round



ESSENTIAL SENSOR

TYPE brightness & presence **ORDER CODE** 048-269311



SENSE SENSOR

TYPE brightness, presence, temperature, sound pressure, humidity, CO₂ **ORDER CODE** 048-269312

SASSO 60 emergency light round



EMERGENCY 3h

TYPE BASIC | 2W **ORDER CODE** 048-269321
 SELF-TEST | 2W **ORDER CODE** 048-269322
 PRO DALI-2 | 2W **ORDER CODE** 048-269323

incl. 3 interchangeable lenses

Electrical accessories

ACCUPACK

TYPE replacement accupack 3h **ORDER CODE** 048-2693910

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25mm

COLOUR traffic white RAL9016 **ORDER CODE** 048-2696117

MOUNTING SET WITH TRIM for intermediate ceilings 2-25mm

TYPE **COLOUR** **ORDER CODE**
 1 lamp traffic white RAL9016 048-2696317
 jet black RAL 9005 048-2696318
 2 lamps traffic white RAL9016 048-2698317
 jet black RAL 9005 048-2698318

CONCRETE MOUNTING HOUSING

COLOUR **L-W-H (mm)** **ORDER CODE**
 exposed concrete ceilings 230-230-162 048-2695210
 primed concrete ceilings* 614-307-120 048-2695110

*order mounting set separately, not applicable for 2 lamps mounting set with trim



Deansgate Square Manchester, UK –
by Lister & Lister with lighting design
by Troup, Bywaters & Anders Lighting

Deansgate Square Manchester, UK –
by Lister & Lister with lighting design
by Troup, Bywaters & Anders Lighting



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

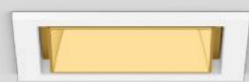
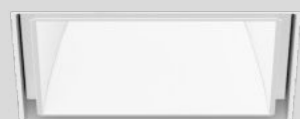




Oppenländer Rechtsanwälte
Stuttgart, DE – by Ippolito Fleitz
Group GmbH



← back



SASSO 60 square

recessed







EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

FI Faretto a incasso quadrato; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; a scelta fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con emissione simmetrica: emissione precisa con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K, CWD
CRI ≥ 90, 2 SDCM
up to 110 lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		48
		80
trimless		48
		63
double trim		48
		147x81

Housing colours



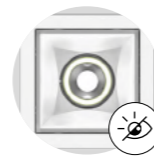
Inset colours



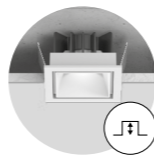
Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	☼☼☼
2700 K	4
3000 K	5
4000 K	6
CWD 1800–3000 K*	

*only for DALI-2

INSET COLOUR

○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE

spot 15°	S
medium 21°	M
flood 42°	F

Options on request

COLOR RENDERING INDEX

CRI ≥ 95, 2 SDCM

CONTROL

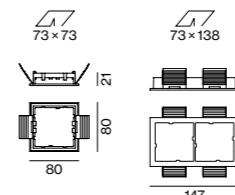
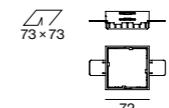
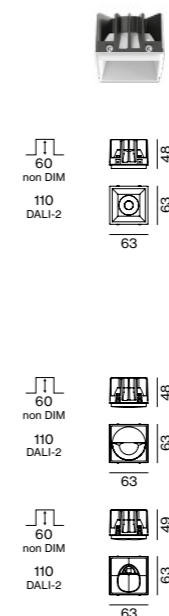
Casambi

MOUNTING SET

acoustic soft ceilings

POWER SUPPLY

DIM 1–10 V



SASSO 60 square



DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1180 lm	0 4 8 - 2 6 1 2 :: 1 1 A
10.4 W 35 Vf 300 mA	CWD 949 lm	0 4 8 - 2 6 1 2 E 1 A



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 2 6 5 1 :: 1 1 A

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 2 6 5 1 :: 1 1 W

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 6 9 7 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 6 9 7 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 7 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 7 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 6 9 9 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 6 9 9 3 1 7
	● jet black RAL 9005	0 4 8 - 2 6 9 9 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

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 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2

THROUGH WIRING CONNECTION BOX

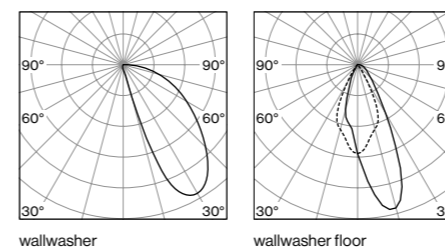
TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

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

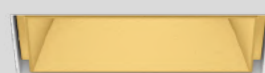
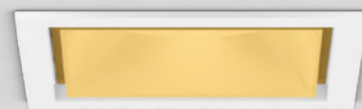
for more details and components see page 981

Light distributions



INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 100 square

recessed

EN Square recessed spotlight; installation without tools in mounting set (trimless or with trim) with ball catch system; surface lacquered; installation possible in different housings; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with symmetric radiation characteristic: precise radiation characteristic due to high quality lens system; variants with asymmetric radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering

IT Faretto a incasso quadrato; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); verniciatura; incasso possibile in vari telai; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti con ottica lenticolare di alta qualità; varianti a fascio asimmetrica: riflettore di alta qualità con superficie a microfacette e vaporizzata in alluminio; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
up to 120lm/W
L80 @ 50 000 h
non DIM, DALI-2
↓ IP 44 / ↑ IP 20

Types

trim		75	95	(edf)
		118		
trimless		75	95	(edf)
		97		
double trim		75	95	(edf)
		218x118		

Housing colours



Inset colours



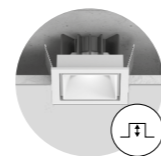
Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



60 mm
recess depth



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	☼☼☼
2700 K	4
3000 K	5
4000 K	6

INSET COLOUR	☑
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K
not for WW & WWF version

CONTROL

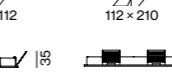
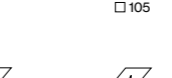
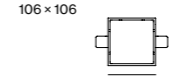
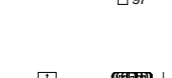
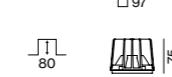
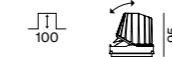
Casambi

MOUNTING SET

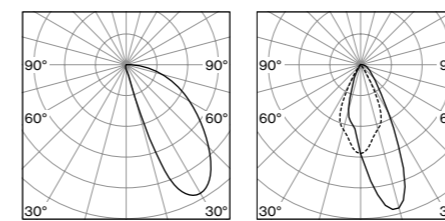
acoustic soft ceilings

POWER SUPPLY

DIM 1–10 V



Light distributions



wallwasher

wallwasher floor

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, wide flood
2700 K -5%, 4000 K +5%

SASSO 100 square



ADJUSTABLE (↓ IP 40 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1860 lm	0 4 8 - 2 7 3 0 :: 1 1 4
25 W 36 Vf 700 mA	2450 lm	0 4 8 - 2 7 3 0 :: 1 1 4

DOWNLIGHT (↓ IP 44 / ↑ IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1890 lm	0 4 8 - 2 7 1 0 :: 1 1 4
25 W 36 Vf 700 mA	2500 lm	0 4 8 - 2 7 1 0 :: 1 1 4



WALLWASHER (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
25 W 36 Vf 700 mA	2290 lm	0 4 8 - 2 7 5 0 :: 1 1 4

WALLWASHER/FLOOR (IP 20)

INSET POWER	LUMINOUS FLUX	ORDER CODE
23.4 W 36 Vf 700 mA	2670 lm	0 4 8 - 2 7 5 0 :: 1 1 4

Mounting accessories

TRIMLESS MOUNTING SET for plasterboard ceilings 12.5/15/25 mm

COLOUR	ORDER CODE
○ traffic white RAL9016	0 4 8 - 2 7 9 7 1 1 7

MOUNTING SET WITH TRIM for intermediate ceilings 2–25 mm

TYPE	COLOUR	ORDER CODE
1 lamp	● white aluminium RAL 9006	0 4 8 - 2 7 9 7 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 7 9 7 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 7 3 1 8
2 lamps	● white aluminium RAL 9006	0 4 8 - 2 7 9 9 3 1 G
	○ traffic white RAL9016	0 4 8 - 2 7 9 9 3 1 7
	● jet black RAL 9005	0 4 8 - 2 7 9 9 3 1 8

CONCRETE MOUNTING HOUSING

COLOUR	L-W-H (mm)	ORDER CODE
primed concrete ceilings*	614-307-120	0 4 8 - 2 6 9 5 1 1 0

*order mounting set separately, not applicable for 2 lamps mounting set with trim

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9
700 mA non DIM	η 80 %	143-43-30	0 0 2 - 9 0 7 7 4
700 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 6

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

DIN RAIL COMPONENTS

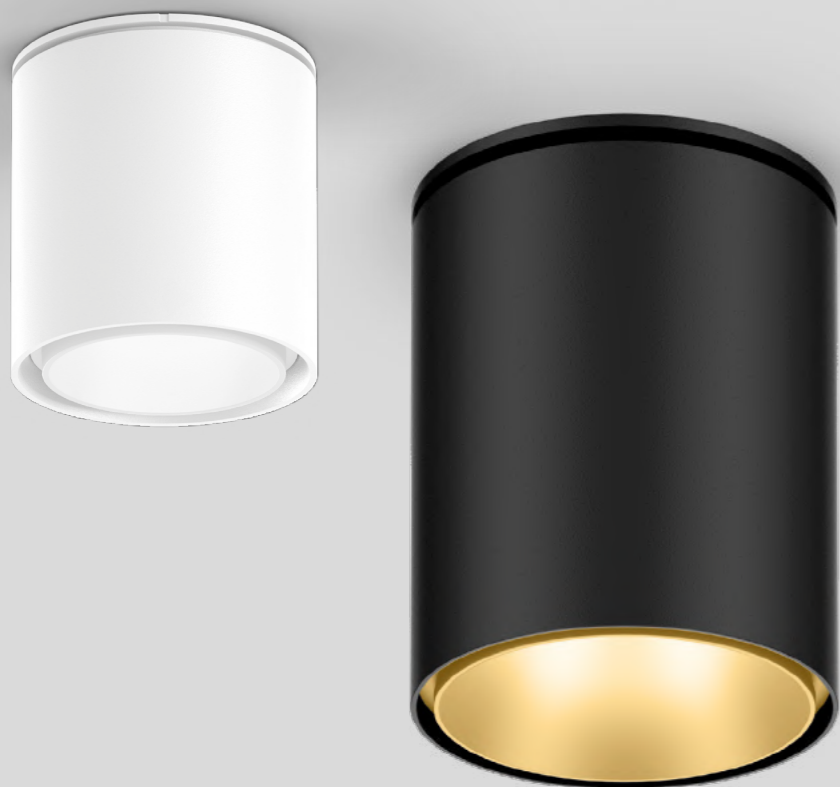
TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1–2 addr. 200–1050 mA settable const. current 2 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Zeitgeist Graz, AT –
by FIPE ARCHITECTURE



← back



SASSO 60/100 round

semi-recessed

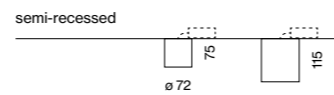
EN Cylindrical semi-recessed spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adj. sym. or asym. radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE); no multiple shadows; efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

IT Faretto cilindrico in alluminio con montaggio a semincasso, due misure; inserto verniciato; housing verniciato a polvere; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; emissione simm. o asimm. regolabile a scelta; varianti emiss. simm.: precisa grazie all'ottica lenticolare; varianti con emiss. asimm.: riflettore di qualità con superficie vaporizzata in alluminio micro-sfaccettata; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE); assenza di ombre multiple; LED efficienti con alta resa cromatica; converter esterno da inserire nel soffitto, cablaggio passante adatto

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 104 lm/W
SASSO 100 up to 117 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



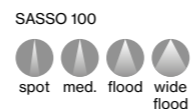
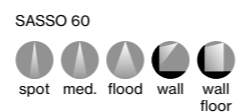
Housing colours



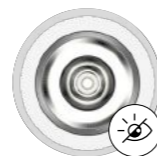
Inset colours



Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

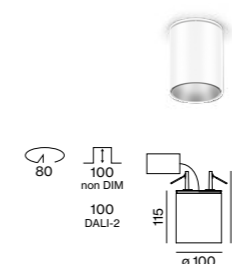
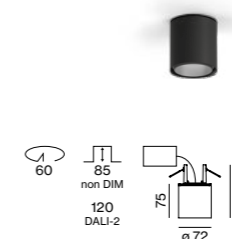
COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE

CWD 1800–3000 K
not for WW & WWF version

CONTROL

Casambi



SASSO 60 round semi-recessed



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.7 W 36 Vf 300 mA	1040 lm	0 4 8 - 3 1 0 1 :: 1 ■ ■ ▲



WALLWASHER

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 3 7 0 1 :: 1 ■ ■ ▲

WALLWASHER/FLOOR

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 3 7 0 1 :: 1 ■ ■ ▲

SASSO 100 round semi-recessed



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
17.2 W 36 Vf 500 mA	1850 lm*	0 4 8 - 3 4 0 1 :: 1 ■ ■ ▲

*reflector white flood

Electrical accessories

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

TYPE	EFFICIENCY	L-WH (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9

THROUGH WIRING CONNECTION BOX for SASSO 100

TYPE	L-WH (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 60/100 round

ceiling

EN Cylindrical ceiling mounted spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; adj. sym. or asym. radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE); no multiple shadows; efficient LEDs with very good colour rendering; converter integrated into spotlight head

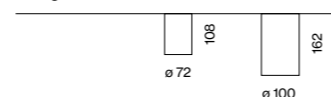
IT Faretto cilindrico in alluminio montato sul soffitto, due misure; inserto verniciato; housing verniciato a polvere; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; emissione simm. o asim. regolabile; varianti emiss. simm.: precisa grazie all'ottica lenticolare; varianti con emiss. asim.: riflettore di qualità con superficie vaporizzata in alluminio micro-sfaccettata; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE); assenza di ombre multiple; LED efficienti con alta resa cromatica; converter integrato nella testata del faretto

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 81lm/W
SASSO 100 up to 100lm/W
L80 @ 50000h
non DIM, DALI-2

Types

ceiling



Housing colours



Inset colours



Light distributions

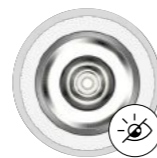
SASSO 60



SASSO 100



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
SASSO 60	▲
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE	
SASSO 100	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K
not for WW & WWF version

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood



SASSO 60 round ceiling



ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.6 W	2700 K	808 lm	0 4 8 - 3 1 1 0 :: ◆ ▣ ▣ ▲
	3000 K	874 lm	
	4000 K	939 lm	



WALLWASHER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	635 lm	0 4 8 - 3 7 1 0 :: ◆ ▣ ▣ A
	3000 K	635 lm	
	4000 K	744 lm	

WALLWASHER/FLOOR

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	633 lm	0 4 8 - 3 7 1 0 :: ◆ ▣ ▣ W
	3000 K	633 lm	
	4000 K	746 lm	

SASSO 100 round ceiling



ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.2 W	2700 K	1650 lm	0 4 8 - 3 4 1 0 :: ◆ ▣ ▣ ▲
	3000 K	1790 lm	
	4000 K	1930 lm	

Oppenländer Rechtsanwälte
Stuttgart, DE – by Ippolito Fleitz
Group GmbH



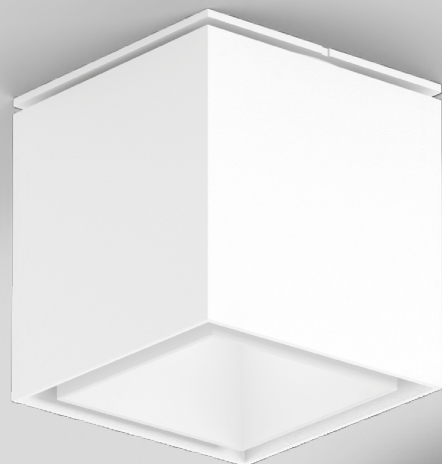
WIKUS Sägenfabrik Spangenberg, DE –
by Bieling Architekten AG with lighting
design by Peter Andres Unabhängige
Lichtplanung und -beratung GbR



Private Residence
Copenhagen, DK –
by COBE Architects with
lighting design by anker & co



← back



SASSO 60/100 square

semi-recessed

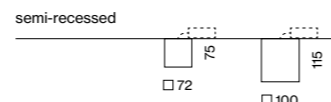
EN Square semi-recessed spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable

IT Faretto quadrato in alluminio con montaggio a semincasso, due misure; inserto verniciato; housing verniciato a polvere; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti emiss. simm.: precisa grazie all'ottica lenticolare; varianti con emiss. asim.: riflettore di qualità con superficie vaporizzata in alluminio micro-sfaccettata; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica; converter esterno da inserire nel soffitto, cablaggio passante adatto

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 86 lm/W
SASSO 100 up to 119 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



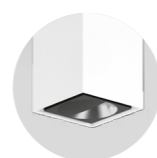
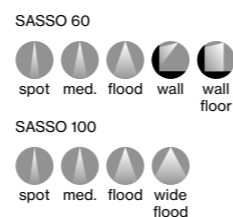
Housing colours



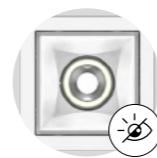
Inset colours



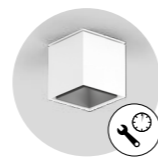
Light distributions



wallwasher and
ww floor inset



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

BEAM ANGLE SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

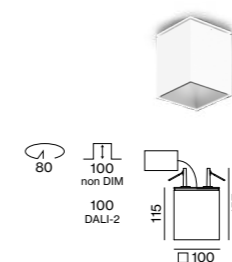
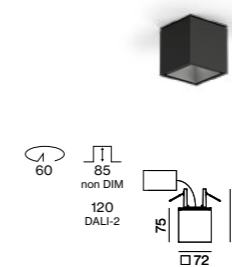
COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE
CWD 1800–3000 K

not for WW & WWF version

CONTROL

Casambi



SASSO 60 square semi-recessed



DOWNLIGHT	INSET POWER	LUMINOUS FLUX	ORDER CODE
	10.7 W 36 Vf 300 mA	1100 lm	0 4 8 - 3 0 0 1 :: 1 ■ ■ ▲



WALLWASHER	INSET POWER	LUMINOUS FLUX	ORDER CODE
	8.2 W 27 Vf 300 mA	635 lm	0 4 8 - 3 6 0 1 :: 1 ■ ■ ▲

WALLWASHER/FLOOR	INSET POWER	LUMINOUS FLUX	ORDER CODE
	8.2 W 27 Vf 300 mA	633 lm	0 4 8 - 3 6 0 1 :: 1 ■ ■ W

SASSO 100 square semi-recessed



ADJUSTABLE	INSET POWER	LUMINOUS FLUX	ORDER CODE
	17.2 W 36 Vf 500 mA	1890 lm*	0 4 8 - 3 3 0 1 :: 1 ■ ■ ▲

*reflector wide flood

Electrical accessories

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

TYPE	EFFICIENCY	L-WH (mm)	ORDER CODE
300 mA non DIM	η 85 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 6 2
500 mA non DIM	η 88 %	143-43-30	0 0 2 - 9 0 7 7 7
500 mA DALI-2	η 88 %	143-43-30	0 0 2 - 9 0 7 7 9

THROUGH WIRING CONNECTION BOX for SASSO 100

TYPE	L-WH (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4–12 mm	105-58-30	0 0 5 - 2 5 5 1 1 1 0

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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +5%

← back



SASSO 60/100 square

ceiling

EN Square ceiling mounted spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; luminaire housing can be attached to mounting plate without tools by interlock; choice of adjustable / fixed symmetric or asymmetric radiation characteristic; variants with sym. radiation characteristic: precise due to high quality lens system; variants with asym. radiation characteristic: high-quality reflector with micro-faceted, aluminum-vaporised surface; COB (Chip on Board) technology for maximum efficiency (ADJUSTABLE and DOWNLIGHT); no multiple shadows; efficient LEDs with very good colour rendering; luminaire for through wiring; converter integrated into spotlight head

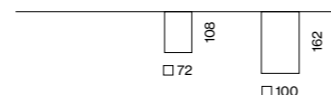
IT Faretto quadrato in alluminio montato sul soffitto, due misure; inserto verniciato; housing verniciato a polvere; corpo illuminante montabile ad appoggio senza attrezzi su piastra di montaggio tramite blocco di sicurezza; a scelta orientabile / fisso simmetrico o asimmetrico caratteristiche di emissione; varianti emiss. simm.: precisa grazie all'ottica lenticolare; varianti con emiss. asim.: riflettore di qualità con superficie vaporizzata in alluminio micro-sfaccettata; tecnologia COB (Chip on Board) per la massima efficienza (ADJUSTABLE e DOWNLIGHT); assenza di ombre multiple; LED efficienti con alta resa cromatica; apparecchio per cablaggio passante; converter integrato nella testata del faretto

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 94lm/W
SASSO 100 up to 101lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types

ceiling



Housing colours



Inset colours



Light distributions

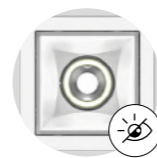
SASSO 60



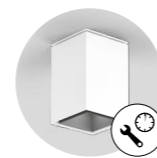
SASSO 100



wallwasher and
ww floor inset



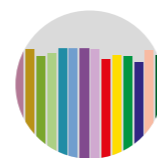
glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CWD
1800–3000 K



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
SASSO 60	▲
spot 15°	S
medium 21°	M
flood 42°	F

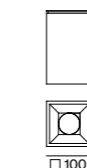
BEAM ANGLE	
SASSO 100	▲
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

COLOUR TEMPERATURE	
CWD 1800–3000 K	
not for WW & WWF version	

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood



SASSO 60 square ceiling



DOWNLIGHT			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.6 W	2700 K	857 lm	0 4 8 - 3 0 1 0 :: ◆ ◆ ◆ ▲
	3000 K	927 lm	
	4000 K	996 lm	



WALLWASHER			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	617 lm	0 4 8 - 3 6 1 0 :: ◆ ◆ ◆ ▲
	3000 K	617 lm	
	4000 K	726 lm	

WALLWASHER/FLOOR			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.4 W	2700 K	633 lm	0 4 8 - 3 6 1 0 :: ◆ ◆ ◆ ▲
	3000 K	633 lm	
	4000 K	746 lm	

SASSO 100 square ceiling



ADJUSTABLE			
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.2 W	2700 K	1700 lm	0 4 8 - 3 3 1 0 :: ◆ ◆ ◆ ▲
	3000 K	1840 lm	
	4000 K	1980 lm	

Relesys Office Copenhagen, DK –
by Lobo-Lab Architects
with lighting design by anker & co





SASSO 60/100 round

suspended

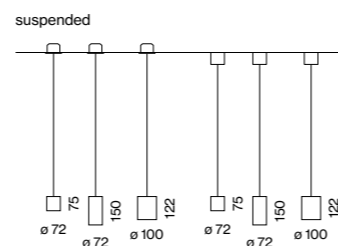
EN Cylindrical spotlight made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; pendant fitting with cable suspension; incl. feed (black or white); can be individually shortened; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy

IT Faretto cilindrico in alluminio, due misure; inserto verniciato; housing verniciato a polvere; sospeso con cavo a sospensione; incl. cavo di alimentazione (nero o bianco); accorciabile a piacere; emissione precisa con ottica lenticolare di alta qualità; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica; rosone per cablaggio passante; convertitore integrato nel rosone

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO 60 up to 83 lm/W
SASSO 100 up to 98 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Housing colours



Inset colours

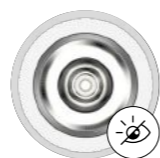


Light distributions

SASSO 60



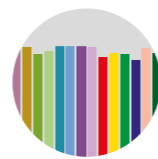
SASSO 100



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CRI ≥ 95
2 SDCM

Order options

HOUSING HEIGHT	
75 mm	2
150 mm	7

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE	
SASSO 60	
spot 15°	S
medium 21°	M
flood 42°	F

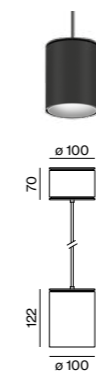
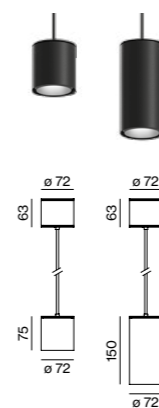
BEAM ANGLE	
SASSO 100	
spot 19°	S
medium 34°	M
flood 45°	F
wide flood 65°	W

Options on request

COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

MOUNTING

recessed canopy



SASSO 60 round suspended



DOWNLIGHT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.6 W	2700 K	833 lm	0 4 8 - 3 1 L 0 :: ▽ ▽ ▽ ▲
	3000 K	901 lm	
	4000 K	968 lm	

SASSO 100 round suspended



DOWNLIGHT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.2 W	2700 K	1650 lm	0 4 8 - 3 4 2 0 :: ▽ ▽ ▽ ▲
	3000 K	1790 lm	
	4000 K	1920 lm	

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector wide flood

James Good Coiffeur Lounge
Flums, CH – by Daniel Huber Architektur GmbH



← back



SASSO 60 base

ceiling

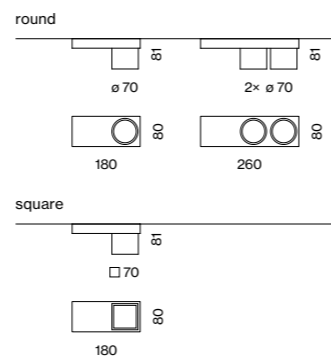
EN Cylindrical or square spotlight made of aluminium; light inset lacquered; housing powder coated; light inset rotatable and tiltable (cylindrical versions); choice of single lamp or double lamps (cylindrical versions); surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; precise radiation characteristic due to high quality lens system; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; luminaire for through wiring

IT Faretto cilindrico o quadrato in alluminio; inserto verniciato; housing verniciato a polvere; inserto luce girevole e orientabile (versioni cilindr.); a scelta a monoemissione o biemissione (versioni cilindr.); alloggiamento con montaggio a superficie in alluminio, convertitore incluso; piastra di montaggio preinstallabile con unità convertitore premontata; corpo illuminante montabile ad appoggio senza attrezzi tramite blocco di sicurezza; emissione precisa con ottica lenticolare di alta qualità; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica; apparecchio per cablaggio passante

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 2 SDCM
SASSO round up to 90 lm/W
SASSO square up to 86 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Housing colours



Inset colours



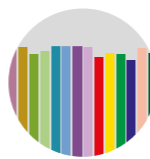
Light distributions



glare control
(UGR ≤ 16)



easy mounting;
no visible screws



CRI ≥ 95
2 SDCM

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

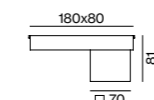
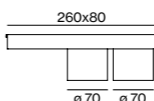
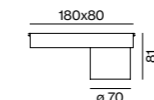
BEAM ANGLE	
spot 15°	S
medium 21°	M
flood 42°	F

Options on request

COLOUR RENDERING INDEX
CRI ≥ 95, 2 SDCM

LIGHT DISTRIBUTION

wallwasher
wallwasher / floor



SASSO 60 base round



ADJUSTABLE 1 LAMP

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	816 lm	0 4 8 - 3 1 3 0 :: ◆ ▣ ▣ ▲
	3000 K	882 lm	
	4000 K	948 lm	

ADJUSTABLE 2 LAMPS

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
21.6 W	2700 K	2 × 873 lm	0 4 8 - 3 1 4 0 :: ◆ ▣ ▣ ▲
	3000 K	2 × 921 lm	
	4000 K	2 × 977 lm	

SASSO 60 base square



DOWNLIGHT 1 LAMP

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	865 lm	0 4 8 - 3 0 3 0 :: ◆ ▣ ▣ ▲
	3000 K	936 lm	
	4000 K	1010 lm	

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood

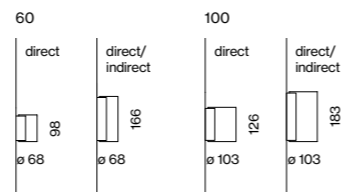


The Raum Bolzano, IT –
by bergundtal gmbh.



Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 2 SDCM
 SASSO 60 up to 69 lm/W
 SASSO 100 up to 61 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types**Housing colours****Inset colours****Light distributions**

direct indirect

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

HOUSING COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	1

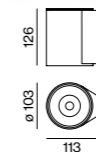
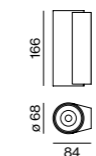
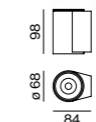
INSET COLOUR	
○ traffic white RAL 9016 (UGR ≤ 22)	7
● matt silver (UGR ≤ 19)	4
● jet black RAL 9005 (UGR ≤ 16)	1
● gold dust RAL 260-M (UGR ≤ 19)	9

BEAM ANGLE

opal lens

Options on request

COLOUR RENDERING INDEX
 CRI ≥ 95, 2 SDCM

**SASSO 60 round wall****DIRECT**

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
11.7 W	2700 K	647 lm	0 4 8 - 3 1 5 0 :: ◆ ▣ ■ ○
	3000 K	683 lm	
	4000 K	724 lm	

DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.4 W	2700 K	2 × 643 lm	0 4 8 - 3 1 6 0 :: ◆ ▣ ■ ○
	3000 K	2 × 678 lm	
	4000 K	2 × 720 lm	

SASSO 100 round wall**DIRECT**

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
20.4 W	2700 K	1130 lm	0 4 8 - 3 4 5 0 :: ◆ ▣ ■ ○
	3000 K	1180 lm	
	4000 K	1240 lm	

DIRECT / INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
41 W	2700 K	2 × 1130 lm	0 4 8 - 3 4 6 0 :: ◆ ▣ ■ ○
	3000 K	2 × 1180 lm	
	4000 K	2 × 1240 lm	

SASSO 60/100 round wall

EN Cylindrical wall surface mounted luminaire made of aluminium, available in 2 sizes; light inset lacquered; housing powder coated; optionally symmetric direct or direct / indirect light distribution; homogeneous wall or ceiling illumination through uniform light distribution; precise radiation characteristic due to high quality lens system; installation of variant DIRECT optionally for floor or ceiling illumination; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

Plafoniera cilindrica di alluminio da parete, due misure; inserto verniciato; housing verniciato a polvere; a scelta emissione simmetrica diretta oppure diretta/indiretta; distribuzione equilibrata per una luminosità omogenea del soffitto o parete; emissione precisa con ottica lenticolare di alta qualità; montaggio della variante DIRECT per illuminare il pavimento oppure il soffitto; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica



direct and direct / indirect illumination



high quality lens



easy mounting



CRI ≥ 95
2 SDCM

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

MAM Competence Center
Großhöflein, AT –
by INNOCAD Architektur ZT



The exquisite choice



SASSO PRO

EN The high-quality reflector ensures a particularly even light pattern and professional glare control. Its exclusive design and high-quality appearance make SASSO the ideal spotlight on the shop floor. The spotlights can be rotated through 360° and can also be swivelled by up to 35° around the horizontal central axis. This means light can be flexibly redirected even after installation, depending on the shop concept. Thanks to its replaceable light insets, the spotlight can be installed quickly and without any tools using a ball-catch system. SASSO is available in various sizes, colours, and with optical accessories. For the light colours, you can choose between 2700K, 3000K, 4000K, or the dynamic gradient Colour Warm Dimming and Tunable White versions.

IT Questo sofisticato faretto diffonde una luce omogenea e consente di controllare l'abbagliamento in modo professionale. Il design esclusivo e l'estetica ricercata lo rendono l'illuminazione ideale per i negozi. Gli spot si ruotano di 360° e consentono anche l'inclinazione di 35° sull'asse orizzontale centrale. Pertanto, la luce si dirige con facilità anche ad installazione avvenuta, adattandosi ad ogni allestimento. Gli inserti luminosi sono intercambiabili e permettono di inserire rapidamente gli spot con un pratico sistema di cuscinetti a sfera che non richiede utensili. La serie SASSO offre varie misure, colori e accessori ottici differenti. Come temperatura di colore è possibile scegliere 2700K, 3000K, 4000K oppure le varianti dinamiche Colour Warm Dimming e Tunable White.

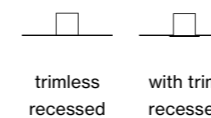
Types



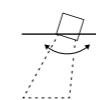
80

100

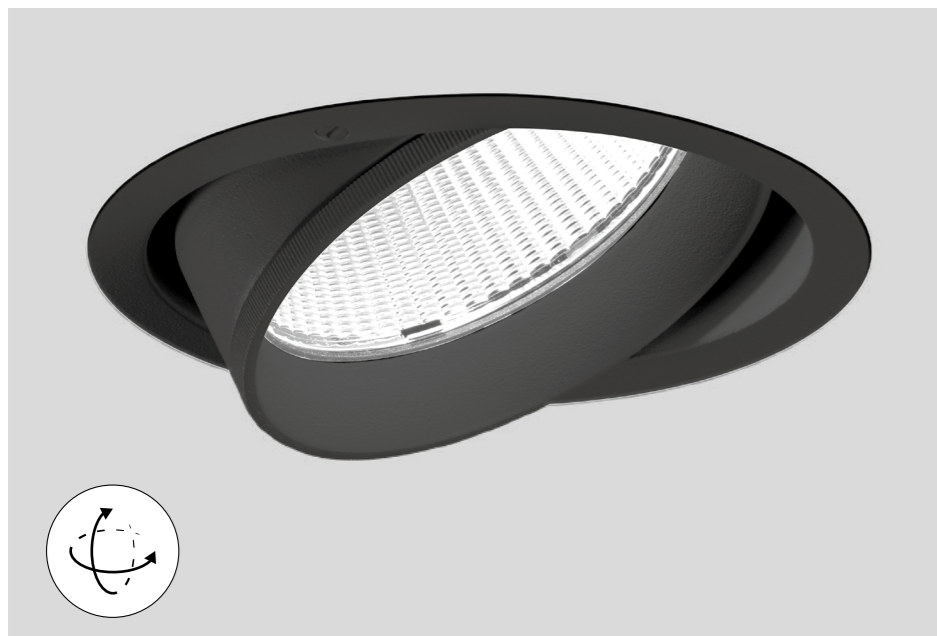
Mountings

trimless
recessedwith trim
recessed

Light distribution



spotlight



Precise light adjustment

EN In addition to the 360° rotatability of all SASSO Round 80/100 variants, the adjustable version can be swivelled up to 35° around the horizontal central axis. This enables light to be directed precisely where it is needed.

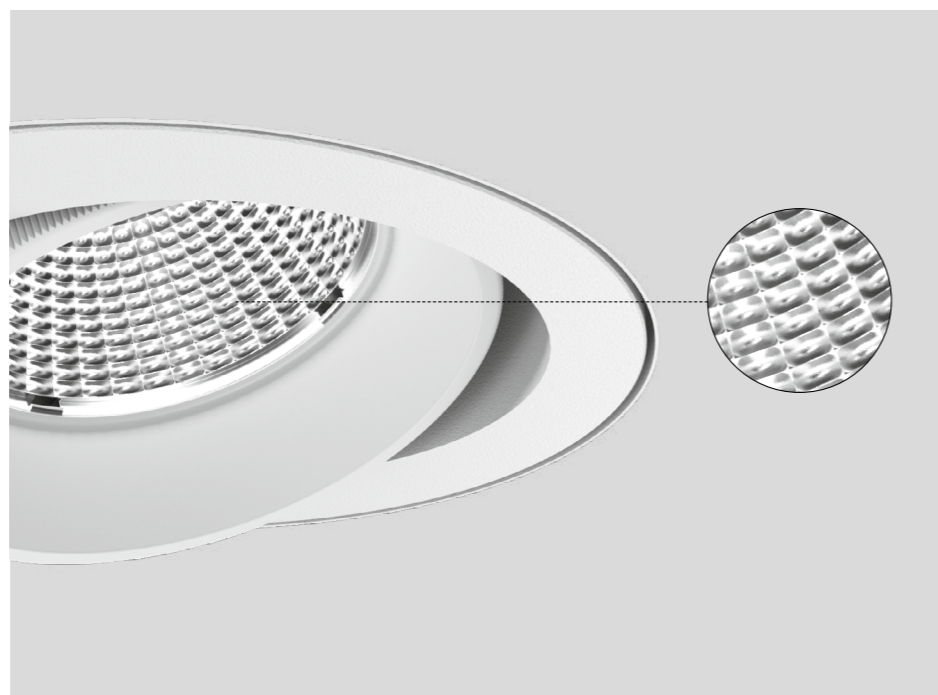
IT Oltre a ruotare di 360°, tutti i modelli SASSO Round 80/100 sono previsti anche in una variante Adjustable che consente l'inclinazione di 35° sull'asse orizzontale centrale, guidando il fascio di luce in modo ancora più preciso.



Reflector inset

EN The high-quality reflector with spherical faceted optics ensures a uniform light pattern with significant glare control. SASSO is an attractive lighting solution in the premium shop area, thanks to its high-quality appearance.

IT Il sofisticato riflettore a sfaccettatura sferica diffonde una luce omogenea e allo stesso tempo la scherma. L'estetica pregiata di SASSO ne fa una soluzione interessante anche per i negozi d'alto profilo.



Optical accessories

EN Use a wide range of optical accessories to adapt spotlights for special applications. The optical light accessories can be attached or removed in one easy step and provide glare-free light at any point.

IT A disposizione una vasta serie di accessori ottici per adattare i faretto anche alle applicazioni più particolari. Montaggio e smontaggio pratici e veloci, illuminazione priva di abbagliamento da qualsiasi angolazione.

CWD – Colour Warm Dimming

EN Warm light quality with reduced illuminance. Colour Warm Dimming reduces the light intensity while continuously changing the colour temperature between 3000 K and 1800 K. The function supports, for example, the change between cosy restaurant lighting during the day and a relaxing lighting mood in the evening.

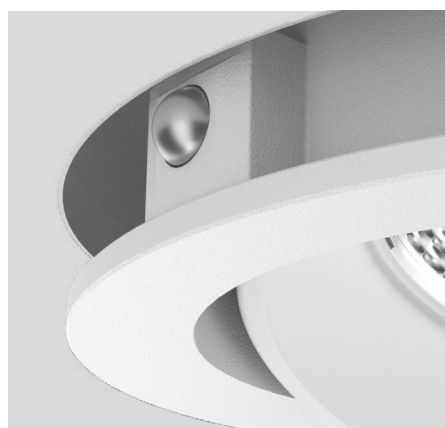
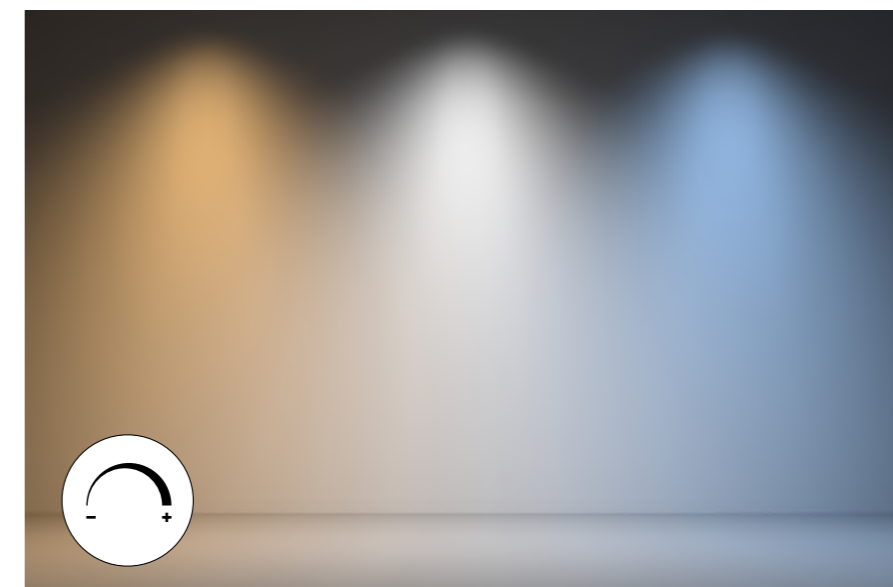
IT Luce di tonalità calda con illuminamento ridotto: Colour Warm Dimming abbassa l'intensità e contemporaneamente la temperatura di colore, scendendo da 3000 K a 1800 K. Al livello minimo la luce assume una tonalità particolarmente calda. Questa funzione consente di variare l'atmosfera, ad esempio in un ristorante, passando da un'illuminazione vivace di giorno a un clima da lume di candela la sera.



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.

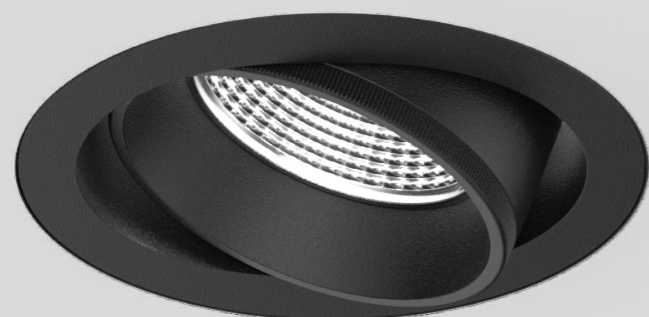


Ball catch system

EN SASSO spots are easy to replace. The assembly is quick and entirely without tools, thanks to a ball catch system. The lighting thus always adapts flexibly to new requirements and circumstances.

IT Gli spot SASSO si sostituiscono con facilità: il fissaggio funziona con un sistema di cuscinetti a sfera che non richiede utensili. Pertanto l'illuminazione si adatta con rapidità ad ogni nuova esigenza.

back



SASSO PRO 80 flush/offset

recessed

Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; surface powder coated; installation possible in different housings; light inset rotatable and tiltable; optionally with recessed lighting level; optical attachments as accessories; with optional high-quality lens system with precise radiation characteristic; and high-quality reflector with spherical facet effect design, precise radiation characteristics with different beam angles; installed and exchanged without tools; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

Faretto da incasso rotondo in alluminio pressofuso; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili; verniciatura a polvere; incasso possibile in vari telai; inserto luce girevole e orientabile; in opzione con superficie di emissione arretrata; unità ottiche come accessori; a scelta con ottica lenticolare di precisione; oppure con riflettore a sfaccettature sferiche, curva fotometrica precisa con diversi angoli di emissione; montaggio e smontaggio senza utensili; con tecnologia COB (Chip on Board) o LED high power per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K, CWD
CRI ≥ 90, 3 SDCM
up to 93 lm/W
L90 @ 50 000 h
non DIM, DALI-2

Types

trim		83
	ø 98	
trimless		83
	ø 80	

Colours



Light distributions



Order options

COLOUR TEMPERATURE	☐☐
2700 K	4
3000 K	5
4000 K	6
CWD 1800–2700 K	

CONTROL	◆
non DIM	1
DALI-2	3

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

LENS	
super spot 6°	

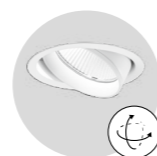
BEAM ANGLE	▲
medium 27°	M
flood 37°	F

Options on request

MOUNTING SET	
acoustic soft ceilings	



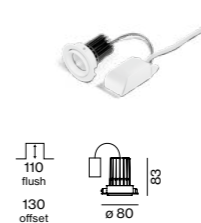
DiiA® standards
251, 252, 253



rotatable 360°
tiltable 35°



CWD
1800–2700 K



SASSO PRO 80



SPOTLIGHT ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
7.7 W	2700 K	353 lm	048-2310::1☑V
super spot 6°	3000 K	379 lm	
	4000 K	408 lm	
8.3 W	2700 K	728 lm	048-2310::1☑▲
	3000 K	765 lm	
	4000 K	773 lm	
12.2 W	2700 K	1020 lm	048-2312::☑▲
	3000 K	1060 lm	
	4000 K	1130 lm	

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6.5 W CWD 1800–2700 K	378 lm	048-2310E3☑M

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25 mm

TYPE	ORDER CODE
flush	052-1921327
offset 17 mm	052-193132☑

ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	052-192232☑
offset 17 mm	052-193232☑

SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 5–25 mm

TYPE	ORDER CODE
flush	052-194231☑
offset 17 mm	052-195231☑

CONCRETE MOUNTING HOUSING

TYPE	L-W-H (mm)	ORDER CODE
exposed concrete ceilings*	229-227-160	060-00080
primed concrete ceilings**	ø240-400-130	052-1914320

*only for flush mounting **order mounting set separately

Optical accessories

TYPE	ORDER CODE
honeycomb louver	048-209131☑
linear prismatic lens	048-209231☑
snoot	048-209111☑
snoot with honeycomb louver	048-209121☑

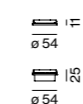
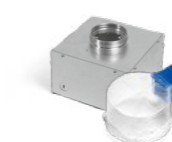
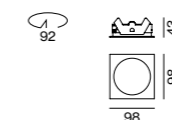
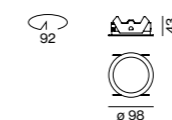
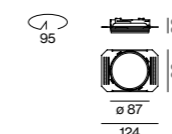
use only 1 optical accessory

Electrical accessories

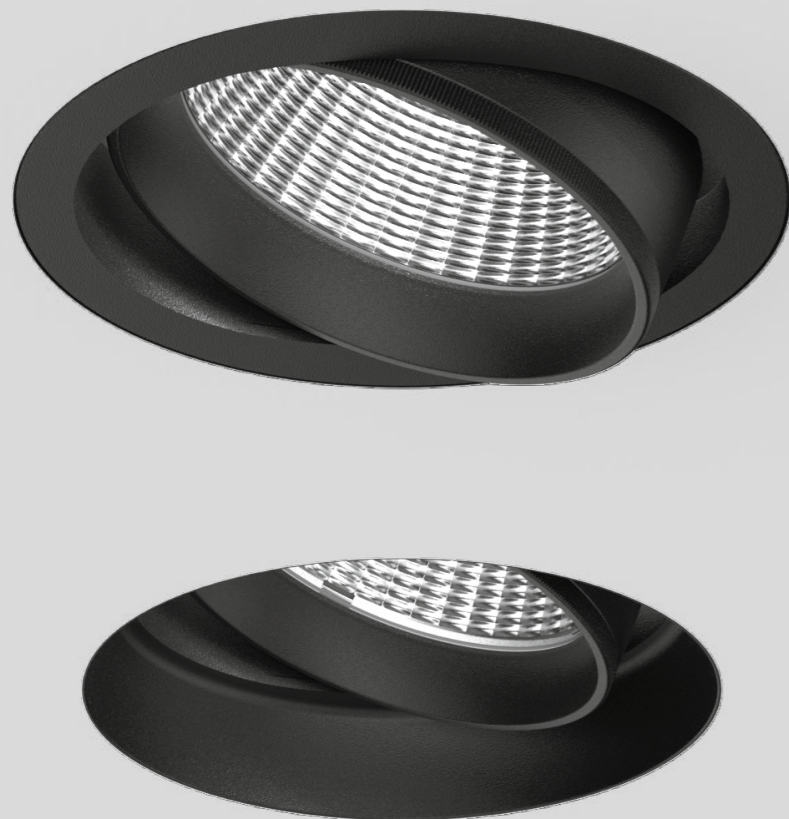
THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4–12 mm	105-58-30	005-2531110
DALI cable ø 4–12 mm	105-58-30	005-2551110

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, reflector flood,
flush mounting



← back



SASSO PRO 100 flush/offset

recessed

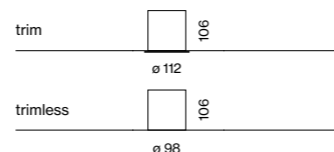
EN Round recessed spotlight in die-cast aluminium; installation without tools in mounting set with ball catch system; surface powder coated; installation possible in different housings; light inset rotatable and tiltable; optionally with recessed lighting level; optical attachments as accessories; high-quality reflector with spherical facet effect design, precise radiation characteristics with different beam angles; installed and exchanged without tools; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering

IT Faretto da incasso rotondo in alluminio pressofuso; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili; verniciatura a polvere; incasso possibile in vari telai; inserto luce girevole e orientabile; in opzione con superficie di emissione arretrata; unità ottiche come accessori; riflettore a sfaccettature sferiche, curva fotometrica precisa con diversi angoli di emissione; montaggio e smontaggio senza utensili; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica

Quickinfo

2700 K, 3000 K, 4000 K, CWD, TW
 CRI ≥ 90, 3 SDCM
 up to 104 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



Colours



Light distributions



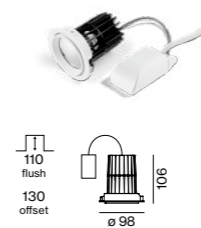
Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6
CWD 2000-3000 K	
TW 1800-3000 K	
TW 2700-6500 K	

CONTROL	
non DIM	1
DALI-2	3

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

REFLECTOR	
spot 18° (not for HO version)	S
medium 24°	M
flood 36°	F
wide flood 55° (not for HO vers.)	W



SASSO PRO 100



SPOTLIGHT ADJUSTABLE

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
14.5 W	2700 K	1350 lm	0 4 8 - 2 4 1 0 :: ▽ ▽ ▲
	3000 K	1420 lm	
	4000 K	1490 lm	
26.5 W	2700 K	2160 lm	0 4 8 - 2 4 1 2 :: ▽ ▽ ▲
	3000 K	2260 lm	
	4000 K	2380 lm	
27 W HO	2700 K	2580 lm	0 4 8 - 2 4 1 3 :: ▽ ▽ ▲
	3000 K	2810 lm	
	4000 K	2840 lm	

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
14.7 W CWD 2000-3000 K	1030 lm	0 4 8 - 2 4 1 1 E 3 ▽ ▽ F
28.2 W TW 1800-3000 K	2020 lm	0 4 8 - 2 4 1 2 L 3 ▽ ▽ F
28.2 W TW 2700-6500 K	2170 lm	0 4 8 - 2 4 1 2 D 3 ▽ ▽ F

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 1 4 4 7
offset 17 mm	0 5 2 - 1 9 3 1 4 4 ▽

ROUND MOUNTING SET WITH TRIM

for intermediate ceilings 5-25 mm

TYPE	ORDER CODE
flush	0 5 2 - 1 9 2 2 4 4 ▽
offset 17 mm	0 5 2 - 1 9 3 2 4 4 ▽

SQUARE MOUNTING SET WITH TRIM

for intermediate ceilings 5-25 mm

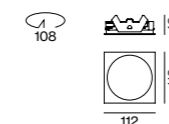
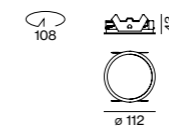
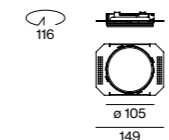
TYPE	ORDER CODE
flush	0 5 2 - 1 9 4 2 4 1 ▽
offset 17 mm	0 5 2 - 1 9 5 2 4 1 ▽

CONCRETE MOUNTING HOUSING

for <15 W version

TYPE	L·W·H (mm)	ORDER CODE
exposed concrete ceilings*	229·227·160	0 5 2 - 1 9 1 3 4 1 0
primed concrete ceilings**	ø240·400·130	0 5 2 - 1 9 1 4 4 2 0

*only for flush mounting **order mounting set separately



Optical accessories

TYPE	ORDER CODE
honeycomb louver	0 4 8 - 2 1 9 1 3 1 ▽
linear prismatic lens	0 4 8 - 2 1 9 2 3 1 ▽
snoot	0 4 8 - 2 1 9 1 1 1 ▽
snoot with honeycomb louver	0 4 8 - 2 1 9 1 2 1 ▽

use only 1 optical accessory

Electrical accessories

THROUGH WIRING CONNECTION BOX

TYPE	L·W·H (mm)	ORDER CODE
non DIM cable ø 4-12 mm	105·58·30	0 0 5 - 2 5 3 1 1 1 0
DALI cable ø 4-12 mm	105·58·30	0 0 5 - 2 5 5 1 1 1 0



DiiA® standards
251, 252, 253



rotatable 360°
tiltable 35°



CWD
2000-3000 K



TW 1800-3000 K &
2700-6500 K

LUMINOUS FLUX value calculated for
 CRI ≥ 90, colour white, reflector flood,
 flush mounting

Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design



Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design



Presence as desired



MOVE IN

EN This luminaire's trump card is mobility. MOVE IN's appearance can be easily adapted without tools at any time because the spots are height-adjustable. New and exciting ceiling pictures are created by combining round or square with flush or protruding spots. The spots are optimally glare-free thanks to the recessed light point plane. MOVE IN flex's spotlight head can be rotated 360° and swivelled 90°. All spots are characterised by an excellent colour rendering value (CRI ≥ 90) and high-quality reflector. The light colours 2700K and 3000K create an atmospheric lighting effect.

IT L'asso nella manica di questo prodotto è la sua mobilità. Con MOVE IN si modifica la composizione di luce in qualsiasi momento: i faretto si regolano all'altezza preferita senza alcun bisogno di alcuna attrezzatura. Combinando faretto rotondi e quadrati, a filo soffitto o sporgenti, è possibile creare composizioni stravaganti e originali. I punti luce in posizione ribassata escludono inoltre l'abbagliamento. La testata di MOVE IN flex si ruota di 355° e si inclina di 90°. Tutti i faretto vantano una resa cromatica eccellente (CRI ≥ 90) e e riflettore di alta qualità. Per ottenere un'atmosfera particolare, la temperatura di colore 3000K si può integrare con l'opzione Colour Warm Dimming.

Types

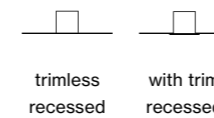


round
32

round
45

square
45

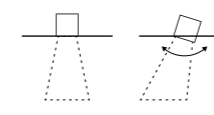
Mounting



trimless
recessed

with trim
recessed

Light distributions



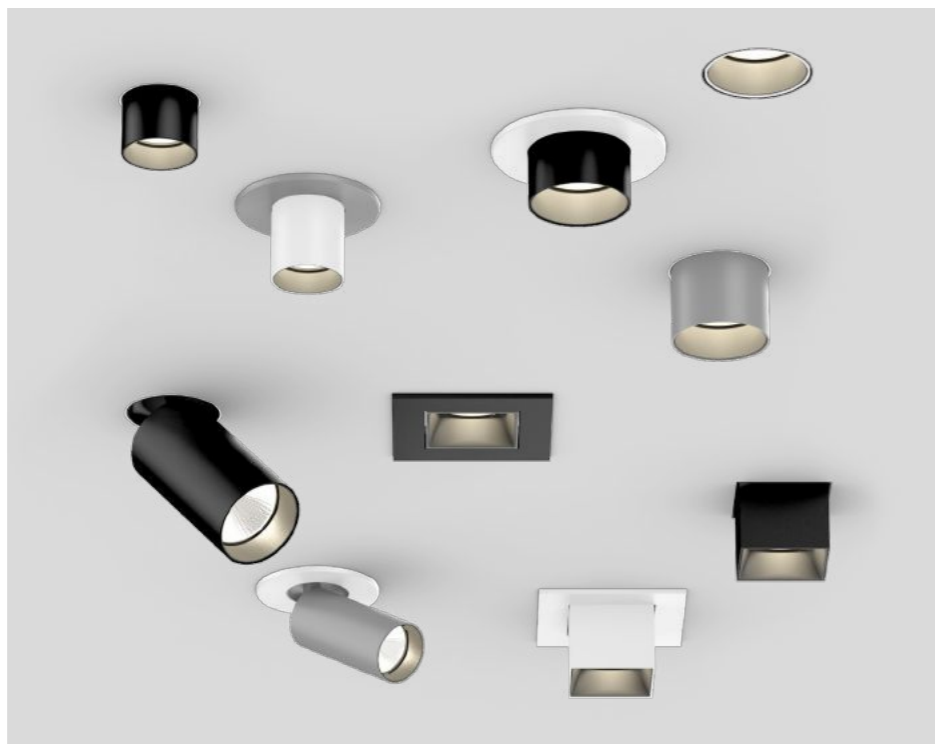
downlight

spotlight

Variety

EN MOVE IN not only provides light, but also designs the ceiling. Round, angular, flush-mounted, and surface-mounted spots can be combined individually and always form new, exciting ceiling arrangements.

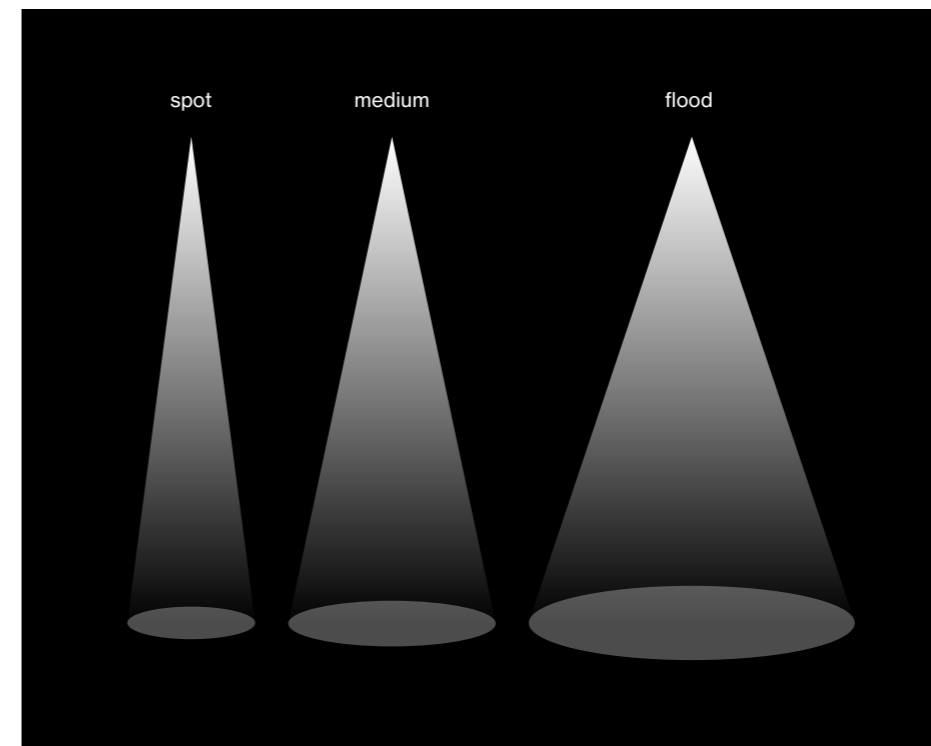
IT MOVE IN non solo fornisce luce, ma disegna anche il soffitto. Gli spot rotondi, angolari, da incasso e da superficie possono essere combinati individualmente e formano sempre nuovi ed eccitanti quadri da soffitto.



Light distribution

EN Thanks to different beam angles, MOVE IN is suitable for different areas of application: from narrow-beam spot for precise and targeted lighting, to medium and flood for accentuated basic brightness.

IT Grazie ai diversi angoli del fascio, MOVE IN è adatto a diverse aree di applicazione: dallo spot a fascio stretto per un'illuminazione precisa e mirata, al medio e flood per una luminosità di base accentuata.



Glare control & colour rendering

EN Thanks to the recessed light spot level, MOVE IN spots provide optimum glare control. As the high-quality reflector optics have very good colour rendering values (CRI ≥ 90), objects are rendered almost true to colour.

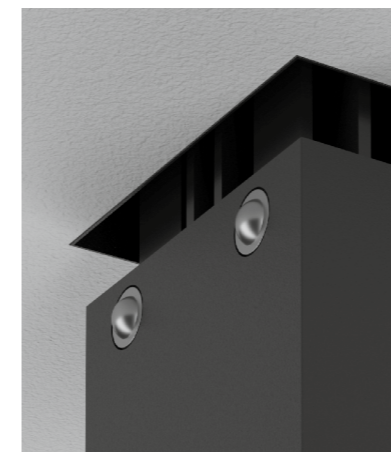
IT Grazie al livello del punto luce incassato, gli spot MOVE IN sono perfettamente antiabbaglianti. Poiché le ottiche delle riflettore di alta qualità hanno valori di resa dei colori molto buoni (CRI ≥ 90), gli oggetti sono resi quasi fedeli al colore.



Precise light adjustment

EN MOVE IN flex offers the greatest possible flexibility. The spotlight can not only be rotated 360°, but also swivelled 90°. This allows the light to be directed exactly where it is needed.

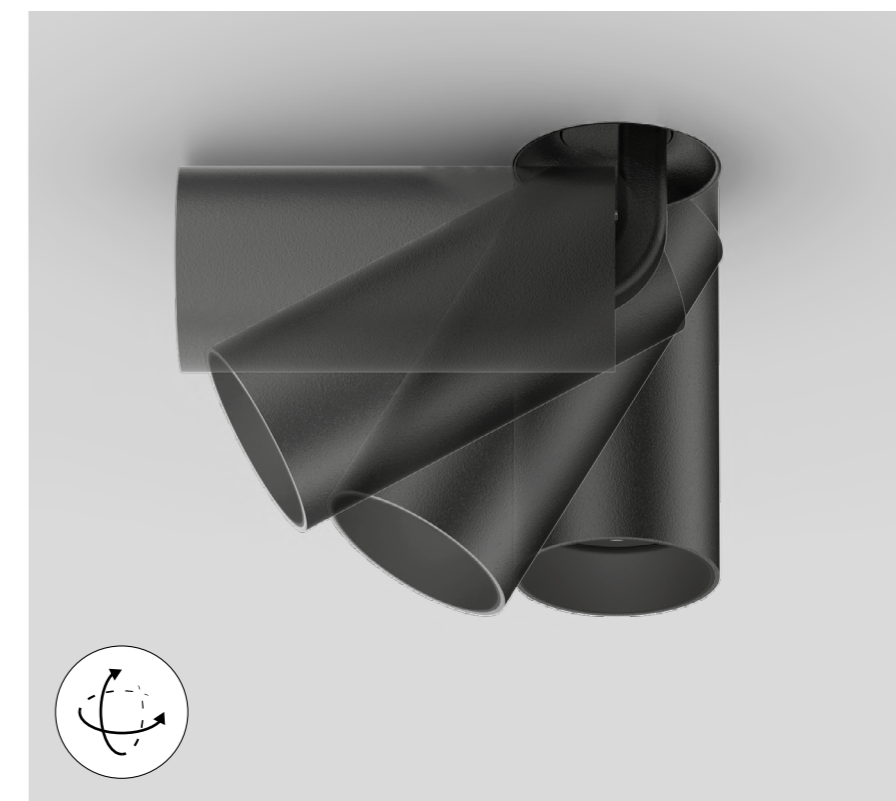
IT MOVE IN flex offre la massima flessibilità possibile. Il faretto non solo può essere ruotato di 360° ma anche orientato di 90°. Questo permette alla luce di essere diretta esattamente dove è necessario.



Ball catch system

EN Mounting and replacing MOVE IN spots is very easy. The spots are fixed in the system by a ball catch system. This in turn can be installed in three different positions – for flexible adaptation of the lighting to changing requirements and conditions.

IT Il montaggio e la sostituzione degli spot MOVE IN è molto semplice. Gli spot sono fissati nel sistema da un sistema di snap a sfera. Questo a sua volta può essere installato in tre diverse posizioni. Per un adattamento flessibile dell'illuminazione ai requisiti e alle condizioni mutevoli.



[← back](#)


MOVE IN round

recessed

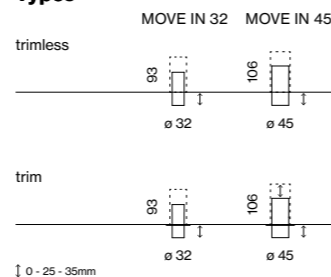
Round spotlight element in aluminium, available in 2 sizes; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

Elemento faretto rotondo in alluminio, due misure; verniciatura a polvere; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); utensile di montaggio speciale per una facile installazione dell'housing senza bordi disponibile come accessorio; faretto regolabile in altezza senza utensili: a filo soffitto o sporgente di 25 mm o 35 mm; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; emissione precisa; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori

Quickinfo

2700 K, 3000 K
 CRI ≥ 90, 3 SDCM
 MOVE IN 32 up to 86 lm/W
 MOVE IN 45 up to 95 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



Inset colours



Housing colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

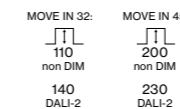
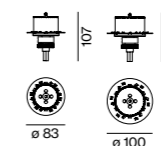
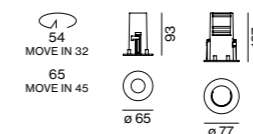
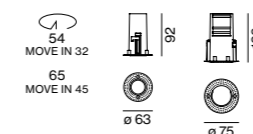
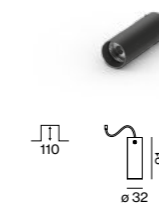
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
MOVE IN 32 / 45	▲
spot 18° / 14°	S
medium 23° / 24°	M
flood 37° / 39°	F

Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



MOVE IN 32 round



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W 36 Vf 250 mA	755 lm	063-81111::1▲

MOVE IN 45 round



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	063-81212::1▲S
13.5 W 36 Vf 400 mA	1280 lm	063-81212::1▲

Mounting accessories

MOUNTING HOUSING TRIMLESS
 for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	63-93	063-8821117
MOVE IN 45	75-106	063-8821217

MOUNTING HOUSING WITH TRIM
 for installation in ceilings from 2-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	65-93	063-8821111■
MOVE IN 45	77-107	063-8822111■

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	83-9	063-89111110
MOVE IN 45	100-9	063-89121110

necessary to install mounting housing trimless

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	002-90742
250 mA DALI-2	η 82 %	147-33-23	002-90743
350 mA non DIM	η 85 %	180-30-21	002-90722
350 mA DALI-2	η 83 %	210-30-21	002-90723
400 mA non DIM	η 88 %	180-30-21	002-90724
400 mA DALI-2	η 84 %	210-30-21	002-90725

MOVE IN 32 trimless revision opening required

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC	90-90-60	005-6520210
96 W 48 V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	005-6121030
200-1050 mA settable const. current		
2 × 42 W 48 V DC U _{OUT} 10-40 V		

for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	30-3	007-1965168
MOVE IN 45	42-3	007-1965188

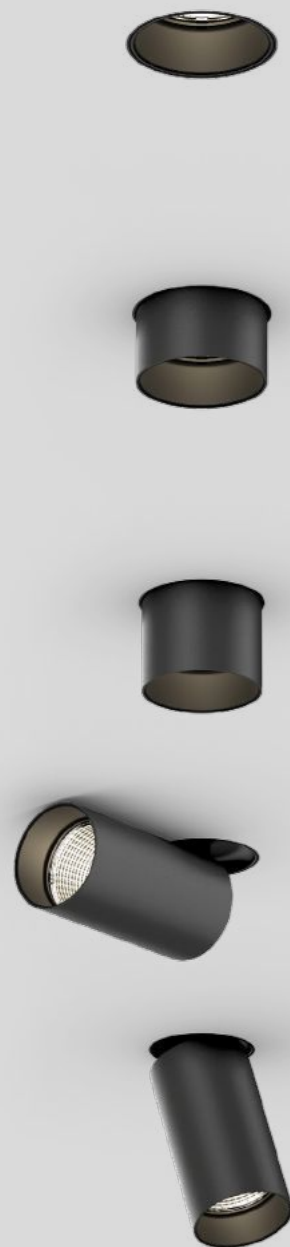


tool-free height adjustment

trimless installation in plasterboard

INSET POWER is the current consumption excluding any ballast
 LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6%

← back



MOVE IN flex

recessed

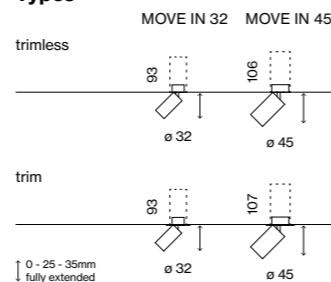
Round spotlight element in aluminium, available in 2 sizes; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; spotlight head rotates 360° and tilts 90°; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

Elemento faretto rotondo in alluminio, due misure; verniciatura a polvere; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); utensile di montaggio speciale per una facile installazione dell'housing senza bordi disponibile come accessorio; faretto regolabile in altezza senza utensili: a filo soffitto o sporgente di 25 mm o 35 mm; testata ruotabile di 360° e orientabile di 90°; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; emissione precisa; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
MOVE IN 32 up to 86 lm/W
MOVE IN 45 up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Inset colours



Housing colours



Light distributions



tool-free height adjustment, rotatable & tiltable

trimless installation in plasterboard

Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

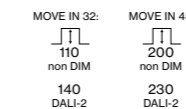
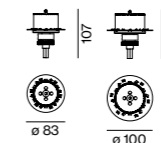
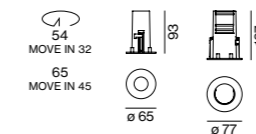
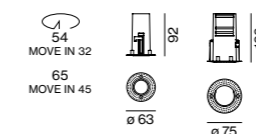
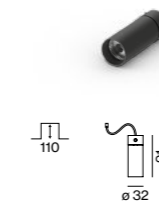
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
MOVE IN 32 / 45	▲
spot 18° / 14°	S
medium 23° / 24°	M
flood 37° / 39°	F

Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



MOVE IN 32 flex



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W 36 Vf 250 mA	755 lm	063-821111

MOVE IN 45 flex



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	063-822111
13.5 W 36 Vf 400 mA	1280 lm	063-822111

Mounting accessories

MOUNTING HOUSING TRIMLESS
for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	63-93	063-881111
MOVE IN 45	75-106	063-881211

MOUNTING HOUSING WITH TRIM
for installation in ceilings from 2-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	65-93	063-882111
MOVE IN 45	77-107	063-882211

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 32	83-9	063-891111
MOVE IN 45	100-9	063-891211

necessary to install mounting housing trimless

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	002-90742
250 mA DALI-2	η 82 %	147-33-23	002-90743
350 mA non DIM	η 85 %	180-30-21	002-90722
350 mA DALI-2	η 83 %	210-30-21	002-90723
400 mA non DIM	η 88 %	180-30-21	002-90724
400 mA DALI-2	η 84 %	210-30-21	002-90725

MOVE IN 32 trimless revision opening required

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC	90-90-60	005-6520210
96 W 48 V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	005-6121030
200-1050 mA settable const. current		
2 × 42 W 48 V DC U _{OUT} 10-40 V		

for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN flex 32	30-3	007-1965168
MOVE IN flex 45	42-3	007-1965188

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6 %

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



← back



MOVE IN 45 square

recessed

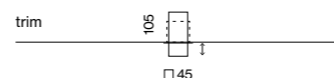
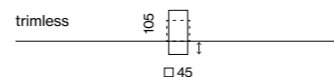
EN Square spotlight element in aluminium; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; special mounting tool for easy installation of the trimless housing available as an accessory; spotlight element height adjustable without tools: flush with the ceiling, or extended 25 mm or 35 mm; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristic; good glare reduction due to recessed light point plane; optical attachments as accessories

IT Faretto quadrato in alluminio; verniciatura a polvere; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); utensile di montaggio speciale per una facile installazione dell'housing senza bordi disponibile come accessorio; faretto regolabile in altezza senza utensili: a filo soffitto o sporgente di 25 mm o 35 mm; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; emissione precisa; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Inset colours



Housing colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

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

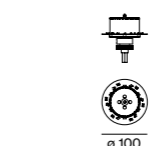
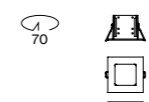
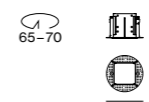
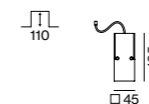
HOUSING COLOUR	
○ traffic white RAL 9016	7
● silver-grey	G
● jet black RAL 9005	8

BEAM ANGLE	
spot 14°	S
medium 24°	M
flood 39°	F

Options on request

MOUNTING HOUSING	
special colours	

POWER SUPPLY	
DIM 1-10V	



MOVE IN 45 square



SPOTLIGHT incl. connection cable 600 mm

INSET POWER	LUMINOUS FLUX	ORDER CODE
12.8 W 37 Vf 350 mA	spot 1010 lm	0 6 3 - 8 4 2 1 :: 1 ▣ S
13.5 W 36 Vf 400 mA	1280 lm	0 6 3 - 8 4 2 1 :: 1 ▣ ▲

Mounting accessories

MOUNTING HOUSING TRIMLESS
for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	80-54	0 6 3 - 8 8 3 2 1 1 7

MOUNTING HOUSING WITH TRIM
for installation in ceilings from 2-25 mm

TYPE	L-W-H (mm)	ORDER CODE
MOVE IN 45	78-78-55	0 6 3 - 8 8 4 2 1 1 ▣

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting housing trimless

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
350 mA non DIM	η 85 %	180-30-21	0 0 2 - 9 0 7 2 2
350 mA DALI-2	η 83 %	210-30-21	0 0 2 - 9 0 7 2 3
400 mA non DIM	η 88 %	180-30-21	0 0 2 - 9 0 7 2 4
400 mA DALI-2	η 84 %	210-30-21	0 0 2 - 9 0 7 2 5

DIN RAIL COMPONENTS

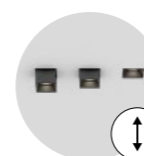
TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48V DC constant voltage	90-90-60	0 0 5 - 6 5 2 0 2 1 0
LED DRIVER DALI-2 DT6 1-2 addr. 200-1050 mA settable const. current 2 × 42W 48V DC U _{OUT} 10-40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page Seite 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
MOVE IN 45	42-3	0 0 7 - 1 9 6 5 1 8 8



tool-free height adjustment

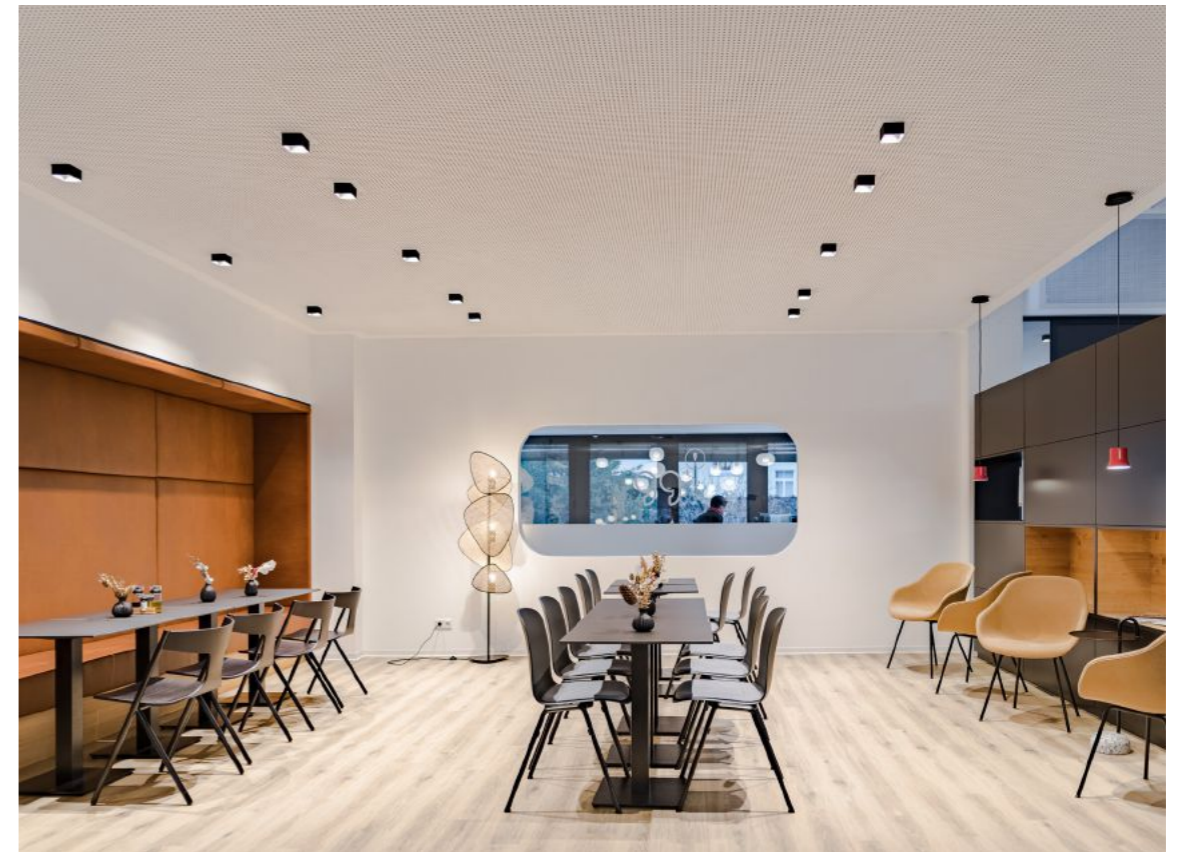


trimless installation in plasterboard

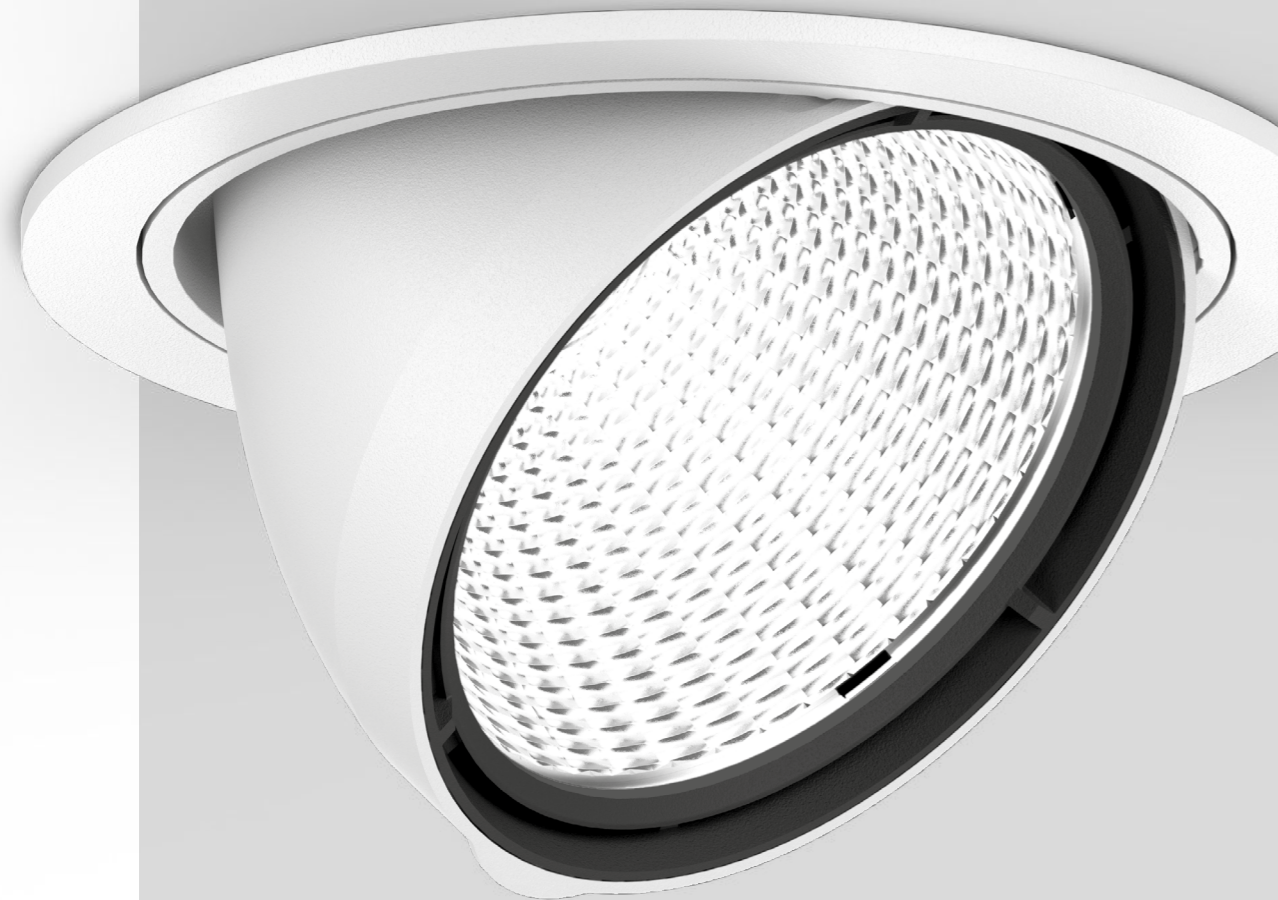
INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, reflector flood 2700 K -6 %



Lampenwelt GmbH Schlitz, DE –
lighting design by Lampenwelt GmbH



Add a little twist

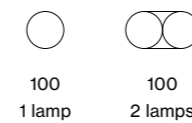


TWIST

EN A round recessed spotlight, ideal for retail. TWIST can be completely recessed into the ceiling or swivelled out and aligned, either bringing it to the fore or making it take a step back. Thanks to its 360° rotation and 45° tilt, it is highly flexible and adapts to evolving conditions in shops. The high-quality reflector produces precise beam characteristics with three different beam angles. TWIST is simply mounted without tools using a ball catch system. Excellent colour rendering value (CRI ≥ 90) at 2700K, 3000K, or 4000K ensures outstanding product presentation.

IT Un faretto da incasso tondo, ideale per applicazioni retail. In vista oppure nascosto. Il faretto TWIST si può infatti incassare completamente nel soffitto oppure estrarre e direzionare. Grazie alla rotazione di 360° e l'inclinazione di 45° è estremamente flessibile e capace di adattarsi a qualsiasi allestimento nei negozi. Possiede un sofisticato riflettore che distribuisce la luce con precisione a tre angolature. TWIST si fissa con un meccanismo a sistema di cattura della palla. L'ottimo indice di resa cromatica (CRI ≥ 90) e la tonalità 2700K, 3000K o 4000K assicurano una presentazione impeccabile dei prodotti esposti.

Types



100
1 lamp

100
2 lamps

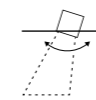
Mountings



trimless
recessed

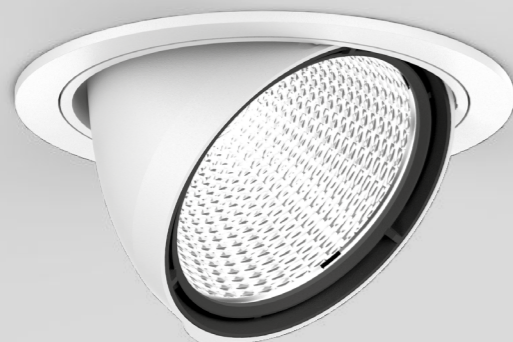
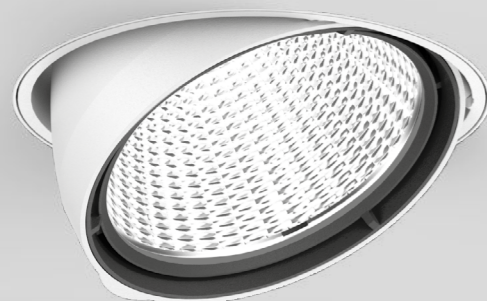
with trim
recessed

Light distribution



spotlight

← back



TWIST 100

recessed

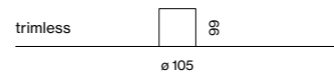
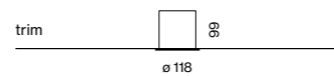
EN Round recessed spotlight in die-cast aluminium; powder coated; installation without tools in mounting set (trimless or with trim) with ball catch system; 360° rotatable and 45° tiltable outward; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; high quality reflector with spherical facet finish; precise radiation characteristic; optical attachments as accessories; optical attachments can be combined

FI Faretto da incasso rotondo in alluminio pressofuso; verniciatura a polvere; set di fissaggio con cuscinetto a sfera, senza bisogno di utensili (con o senza bordo perimetrale); girevole 360° e orientabile 45°; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; riflettore di alta qualità con ottica a sfaccettature sferiche; emissione precisa; unità ottiche come accessori; accessori ottici combinabili tra loro

Quickinfo

3000K, 4000K
CRI ≥ 90, 3 SDCM
up to 96lm/W
L80 @ 50 000h
non DIM, DALI-2

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL

non DIM
DALI-2

INSET COLOUR

- traffic white RAL 9016 (UGR ≤ 22) 7
 jet black RAL 9005 (UGR ≤ 16) 8

BEAM ANGLE

spot 17° S
medium 28° M
flood 38° F

Options on request

COLOUR TEMPERATURE

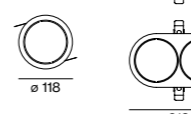
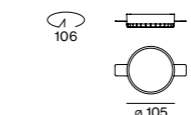
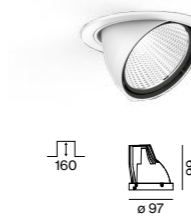
2700K

INSET COLOUR

grey aluminium RAL 9007

MOUNTING SET COLOUR

grey aluminium RAL 9007



TWIST 100 recessed



SPOTLIGHT ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
34 W	3250 lm	048-1120::1▲

Mounting accessories

TRIMLESS MOUNTING SET

for installation in plasterboard ceilings 12.5/15/25mm

COLOUR	ORDER CODE
<input type="radio"/> traffic white RAL 9016	048-2796117

MOUNTING SET WITH TRIM for intermediate ceilings 2-25mm

TYPE	COLOUR	ORDER CODE
1 lamp	<input type="radio"/> traffic white RAL9016	048-2796317
	<input checked="" type="radio"/> jet black RAL 9005	048-2796318
2 lamps*	<input type="radio"/> traffic white RAL9016	048-2798317
	<input checked="" type="radio"/> jet black RAL 9005	048-2798318

*do not use in combination with optical accessories

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
950 mA non DIM	η 89%	136-43-30	002-90781
950 mA DALI-2	η 85%	143-43-30	002-90782

THROUGH WIRING CONNECTION BOX

TYPE	L-W-H (mm)	ORDER CODE
non DIM cable ø 4-12mm	105-58-30	005-2531110
DALI cable ø 4-12mm	105-58-30	005-2551110

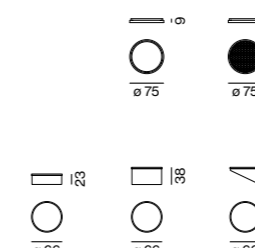
Optical accessories

LENS AND HONEYCOMB LOUVER

TYPE	Ø H (mm)	ORDER CODE
linear prismatic lens	75-9	080-6402110P
honeycomb louver	75-9	080-6401118

SNOOT

TYPE	Ø H (mm)	ORDER CODE
short	66-23	080-6403118
medium	66-38	080-6403218
angle	66-38	080-6403318



use only one optical accessory



2 lamps mounting set



combine 2 optical accessories



360° rotatable, 45° tiltable

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 4000K, CRI ≥ 90, colour white, reflector medium 3000K -7%



Kastner & Öhler, Kaufhaus Tyrol Innsbruck, AT –
by DIOMA AG / WHIR3 / K&Ö Bauabteilung with
lighting design by VEDDER.LICHTMANAGEMENT



Always and anywhere



SPADO

EN One design, two strengths. SPADO's version with a symmetrical beam is used as a downlight. The version with an asymmetrical beam shines as a wallwasher. The recessed light plane creates a discreet overall impression. It makes the chrome-polished reflector, despite its intense illumination and good colour rendering ($CRI \geq 80$), outstandingly glare-free and screen-friendly. SPADO spotlights are simply mounted without tools and are also suitable for wet rooms with its IP 44 protection class. For the light colours, you can choose between 2700K, 3000K or 4000K.

IT Design unico, funzione doppia. La versione SPADO ad emissione simmetrica viene utilizzata come downlight, la variante asimmetrica da wallwasher. Il punto luce incassato assicura una presenza sobria a dispetto dell'illuminazione intensa che proietta il riflettore brillatato. La schermatura è ottima, perfetta per le postazioni di lavoro computerizzate. Valida anche la resa cromatica ($CRI \geq 80$). I downlight SPADO si montano senza bisogno di attrezzatura e sono adatti anche ad ambienti umidi grazie alla protezione IP 44. Disponibili le temperature di colore 2700K, 3000K oppure 4000K.

Types



round
100

round
150

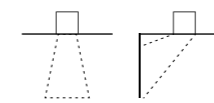
square
150

Mounting



trim
recessed

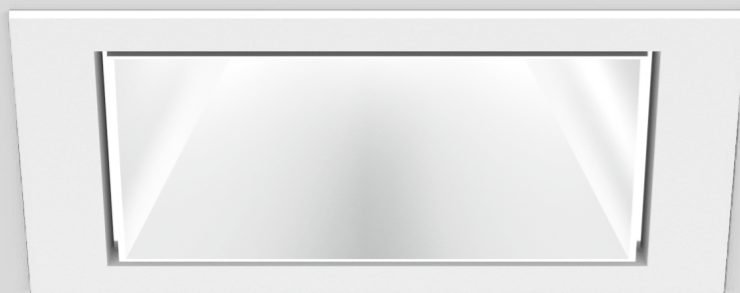
Light distributions



downlight

asymmetric

← back



SPADO 100/150

recessed

EN Round or square luminaire housing in die-cast aluminium; with trim; suitable for ceiling thickness of 2-25mm; surface powder coated; installation without tools using snap spring closure; reflector made of polycarbonate, polished chrome; choice of symmetric or asymmetric (only SPADO 150 round trim) radiation characteristic; lighting level recessed; energy-efficient LEDs with very good colour rendering; external converter for ceiling insertion, for through-wiring suitable; operating device suitable for use with a central battery system

IT Corpo illuminante rotondo o quadrato in pressofusione di alluminio; con bordo perimetrale; per soffitti di spessore 2-25mm; verniciatura a polvere; montaggio senza utensili con chiusura a molla a scatto; riflettore in polycarbonato, cromo lucido; a scelta con emissione simmetrica o asimmetrica (solo SPADO 150 round trim); superficie di emissione arretrata; LED ad efficienza energetica con elevata resa cromatica; converter esterno da inserire nel soffitto, cablaggio passante adatto; alimentatore compatibile con funzionamento a batteria centrale

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 118lm/W
L90 @ 50 000h
non DIM, DALI-2
↓ IP44/↑ IP20

Types

SPADO 100



SPADO 150



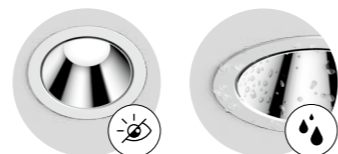
Colours



Light distributions



DiiA® standards
251, 252, 253



glare control
(UGR ≤ 19)

splash water
protection (IP44)

Order options

COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

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

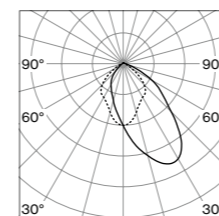
Options on request

COLOUR TEMPERATURE
2700K

MOUNTING SET

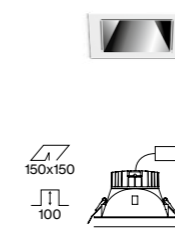
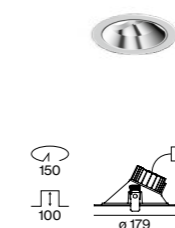
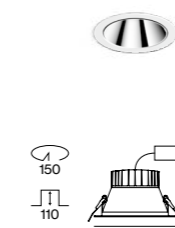
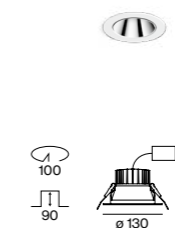
acoustic soft ceilings
only for SPADO 100 round trim

Light distribution



SPADO 150 asymmetric

LUMINOUS FLUX value calculated for
4000 K, colour white, reflector chrome
3000K -5%



SPADO 100 round trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
9.3 W	990 lm	0 4 9 - 3 1 1 1 :: ⚡ ⚡ ⚡

SPADO 150 round trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.4 W UGR ≤ 19	2350 lm	0 4 9 - 3 1 2 1 :: ⚡ ⚡ ⚡
27.5 W	3130 lm	0 4 9 - 3 1 2 3 :: ⚡ ⚡ ⚡

SPADO 150 round trim



WALLWASHER ASYMMETRIC (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
10.7 W	944 lm	0 4 9 - 3 1 2 2 :: ⚡ ⚡ ⚡

SPADO 150 square trim



DOWNLIGHT (↓ IP44/↑ IP20)

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
16.4 W UGR ≤ 19	2380 lm	0 4 9 - 3 1 5 1 :: ⚡ ⚡ ⚡
27.5 W	3170 lm	0 4 9 - 3 1 5 2 :: ⚡ ⚡ ⚡

Mounting accessories

EXPOSED CONCRETE CEILINGS

TYPE	L-W-H (mm)	ORDER CODE
SPADO 150 round	295-295-160	0 4 9 - 3 1 9 1 2 1 0
SPADO 150 square	400-260-160	0 4 9 - 3 1 9 2 2 1 0

PRIMED CONCRETE CEILINGS

TYPE	Ø-H (mm)	ORDER CODE
SPADO 150 round/square	307-170	0 4 9 - 3 1 9 1 4 1 0

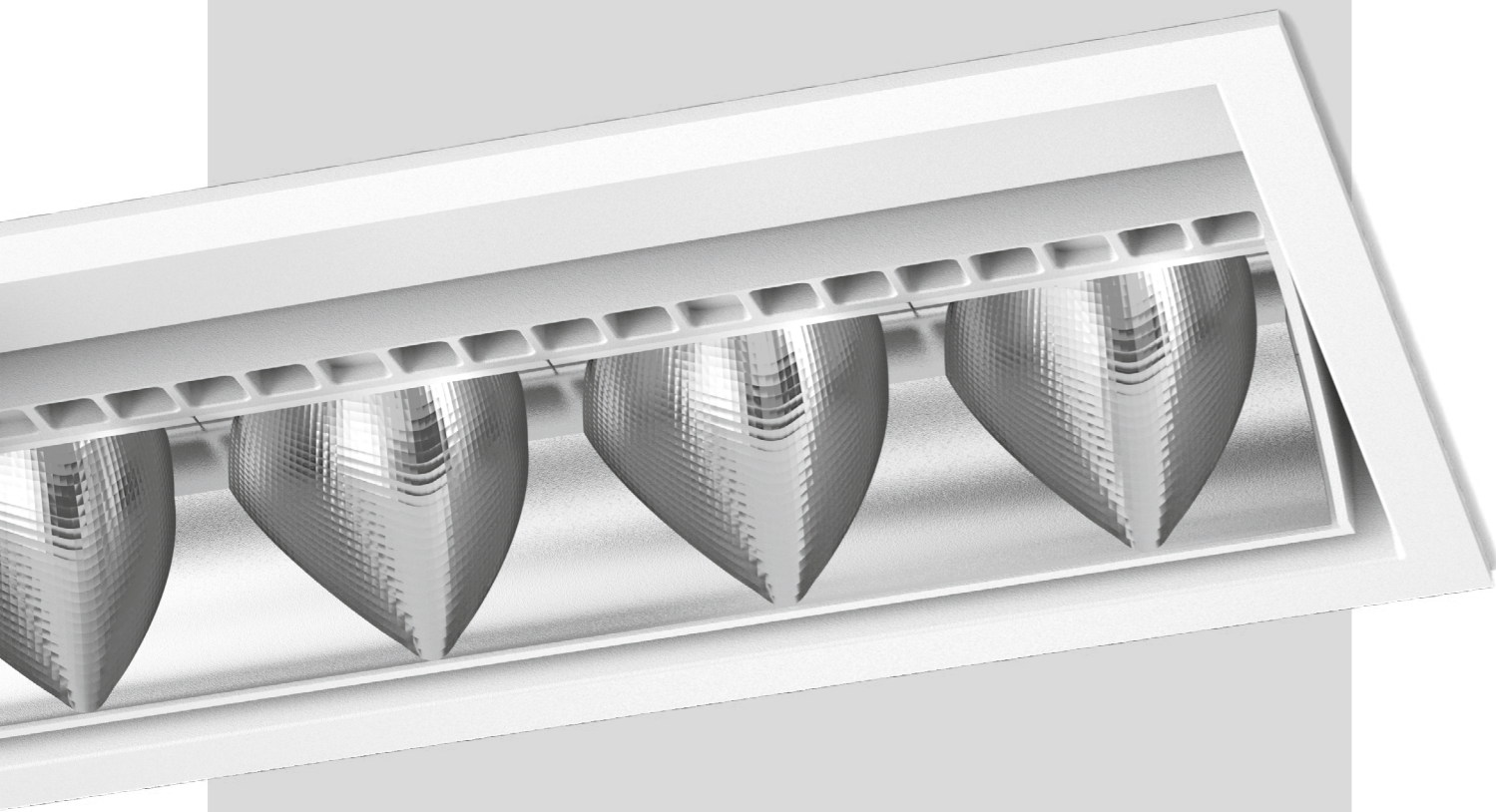
moovel group
Stuttgart, DE –
by FURCH GESTALTUNG +
PRODUKTION GMBH



Sparkasse
Rüsselsheim, DE –
by Zaeske und Partner
Architekten BDA



High-precision shelf lighting



SQUADRO

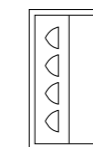
EN SQUADRO is a track-mounted and recessed spotlight for the retail sector that bundles six essential retail requirements in one luminaire. Free-form reflectors with faceted optics make a polished presentation of goods possible. These reflectors direct the light precisely into shelves or aisle zones. Directed light creates a modelling effect on the products and delivers attractive staging. Swivelling light modules illuminate specific shelf levels or billboards while providing plenty of basic lighting. SQUADRO spotlights are completely glare-free, both transversely and longitudinally. They are highly efficient in their energy balance with an efficiency of over 90%.

IT SQUADRO è la soluzione ideale per il retail. Si tratta infatti di un faretto, da incasso o da binario elettrificato, che racchiude in sé i sei requisiti più importanti per il settore vendite. La presentazione brillante dei prodotti esposti è merito di un riflettore graduato con ottica sfaccettata: la luce viene orientata con precisione su scaffali o corsie. La luce direzionata accarezza gli oggetti esaltandone le qualità in maniera accattivante. I moduli orientabili concentrano il fascio su scaffali o pareti curando al tempo stesso l'illuminazione generale dell'ambiente. I faretti SQUADRO garantiscono un'illuminazione antiabbagliante in senso sia trasversale che longitudinale vantando inoltre massima efficienza energetica con un rendimento che supera il 90%.

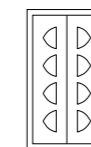
Types



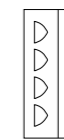
single-sided
1x2



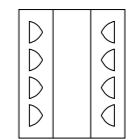
single-sided
1x4



double-sided
2x4



single-sided
1x4



double-sided
2x4

Mountings



recessed



track

Light distributions



wall floor

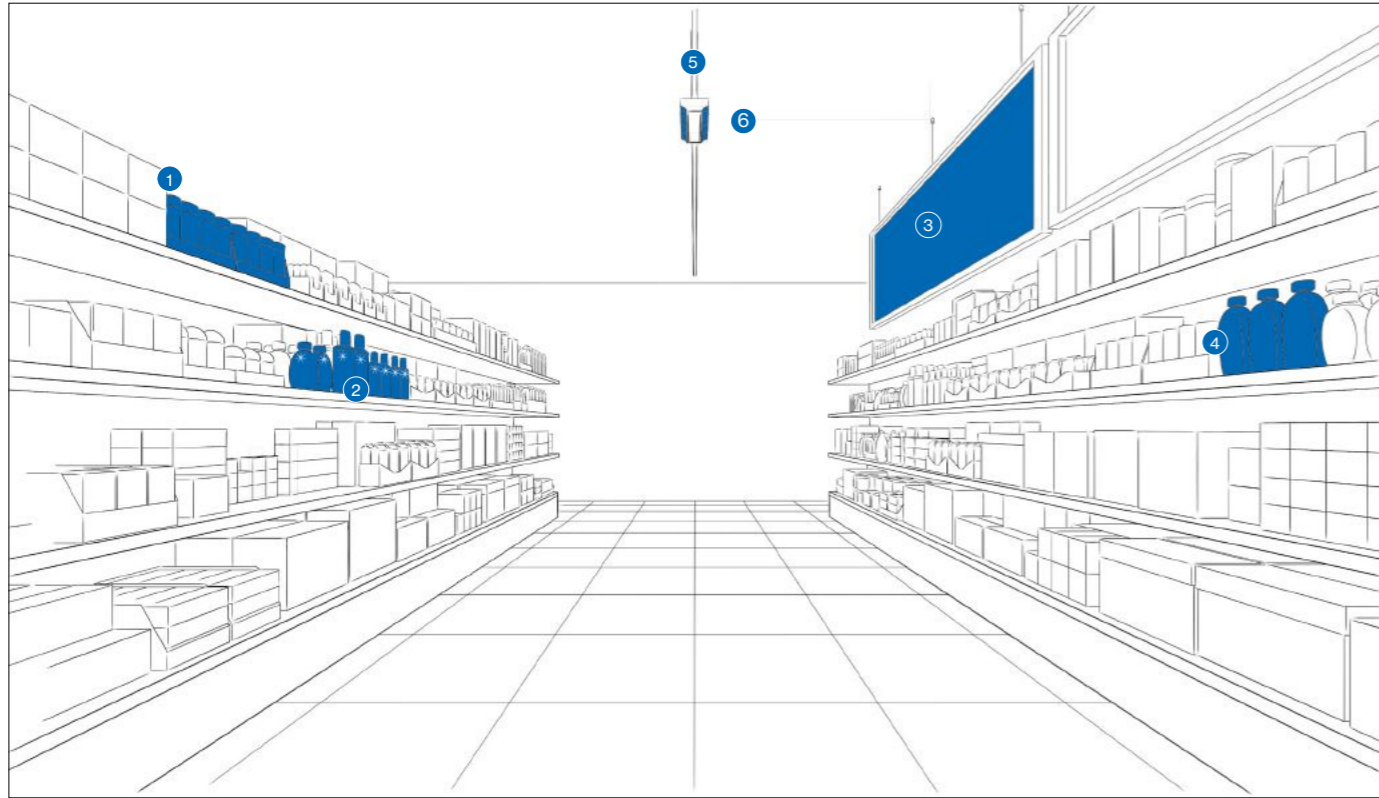


shelf floor



wall/shelf
floor

6-in-1 Lighting solution



EN SQUADRO combines all the advantages of traditional retail lighting solutions in one luminaire. The spotlights are transversely and longitudinally glare-free and direct the light precisely onto the goods – into the heights and depths of the shelves. This achieves a strong product presentation. Thanks to proper light distribution, no additional light source is required for basic lighting.

IT SQUADRO combina in un corpo illuminante unico tutti i pregi delle soluzioni classiche per il retail. Il prodotto offre un'illuminazione antiabbagliante in senso sia trasversale che longitudinale, proiettando la luce con un fascio preciso sui prodotti esposti e risaltando altezza e profondità degli scaffali. Ne risulta una presentazione di efficacia assoluta. La distribuzione fotometrica è tale da non richiedere corpi illuminanti integrativi per l'illuminazione generale.

1 **EN** The highest illuminance is on the upper two presentation levels.

IT L'illuminamento massimo si concentra sui due piani di presentazione più in alto.

2 **EN** Highlights on premium goods create a brilliant staging.

IT I punti luce presentano i prodotti esposti in maniera scenica e accattivante.

3 **EN** Directed light creates accents on billboards and subjects.

IT La luce direzionata crea accenti su insegne pubblicitarie e punti di attrazione.

4 **EN** The high depth effect gives food high colour contrasts and attractiveness.

IT Il forte effetto in profondità mette in risalto colori e peculiarità dei generi alimentari.

5 **EN** Due to longitudinal glare control, the lighting system is barely perceptible to the customer in the direction of the aisle.

IT Grazie al controllo dell'abbagliamento in senso longitudinale la clientela ha una percezione discreta dell'illuminazione delle corsie.

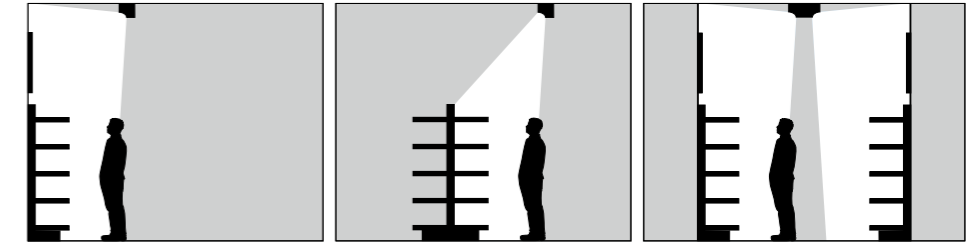
6 **EN** Transverse glare control additionally prevents glare from any viewing direction.

IT L'aggiunta di una schermatura trasversale esclude l'abbagliamento in ogni direzione dello sguardo.

Five versions

EN SQUADRO's five variants with diverse beam characteristics respond to different shop layouts and requirements. Perfect alignment ensures that minimal luminaires radiate as much light as possible onto the merchandise. SQUADRO adapts to the conditions and illuminates selectively and without scatter loss. All goods are thus attractively presented regardless of the size or interior design of the shop.

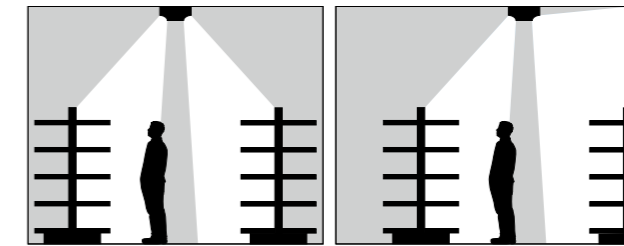
IT SQUADRO si adatta ai differenti layout dei negozi con cinque varianti di emissione. Per mettere in luce i prodotti esposti, contenendo il più possibile il numero di corpi illuminanti, ciò che conta è che siano orientati perfettamente. SQUADRO sa adeguarsi alle varie geometrie con un'illuminazione precisa e senza dispersioni. Il risultato è che tutti i prodotti vengono messi in scena con efficacia, a prescindere dalle dimensioni o dall'architettura del negozio.



Wall Floor (single-side)

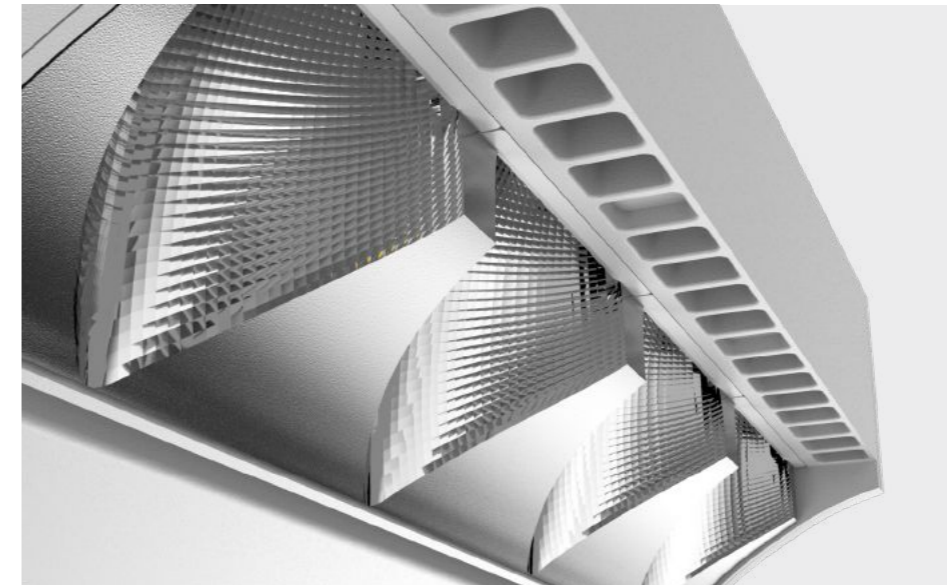
Shelf Floor (single-side)

Wall Floor (double-side)



Shelf Floor (double-side)

Shelf / Wall Floor



Unique reflector technology

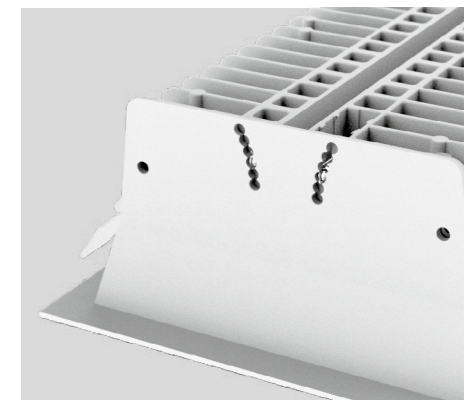
EN Custom free-form reflectors ensure high-precision light control; each SQUADRO achieves an efficiency of over 90 per cent. The spotlights enjoy optimum glare control through the curved shape and secondary reflector technology.

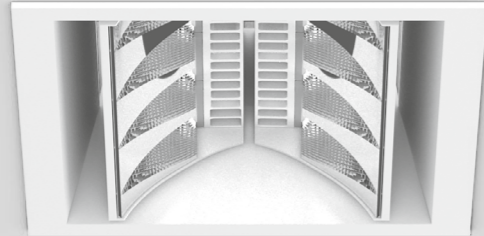
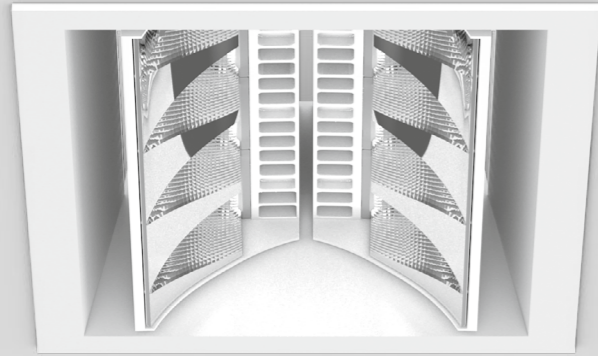
IT La luce viene guidata con precisione da riflettori speciali graduati ed ogni modello SQUADRO supera il 90 per cento di rendimento. La curvatura e la tecnologia dei riflettori secondari ottimizzano la schermatura.

Effective lighting

EN Branches of the same chain often differ in their shop architecture. Shelf heights and aisle widths may vary from one location to another. The solution is step-adjustable light modules. The elements can be tilted from -15° to $+20^\circ$. Each module can be tilted asymmetrically, allowing precise alignment and thus optimum light control.

IT Accade spesso che i negozi di una stessa catena commerciale presentino architetture differenti. Le altezze degli scaffali e le larghezze delle corsie possono variare anche di molto. Soluzione: moduli luminosi orientabili. Sono elementi che si inclinano da -15° a $+20^\circ$. Ogni modulo può essere fissato in posizione asimmetrica, in modo da rimanere orientato con precisione e guidando la luce perfettamente.





SQUADRO wallwasher

recessed

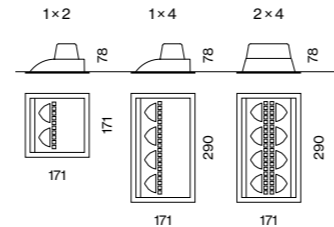
EN Recessed ceiling spotlight in die cast aluminium in 2 sizes, in different types (2 lamps, 4 lamps or 2x4 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); with trim; surface powder coated; installation without tools using snap spring closure; aisle spotlight with special, multi-free-form, facet effect surface reflectors for high precision light control; precise shelf and aisle zone lighting, optimum longitudinal glare control for high viewing comfort in the aisle zone, adjustable light modules; COB (Chip on Board) technology for maximum efficiency; efficient LEDs with very good colour rendering; IP 40 protection glass available as an accessory

IT Faretto da incasso in soffitto in pressofusione di alluminio in 2 misure, varie esecuzioni (2, 4 o 2x4 punti luce) e con 2 diversi moduli d'illuminazione (per shelf floor washer e wall floor washer); con bordo perimetrale; verniciatura a polvere; montaggio senza utensili con chiusura a molla a scatto; Faretto per corridoi con riflettori multipli in tecnologia speciale di forma amorfa, con ottica sfaccettata per luce direzionata con la massima precisione; illuminazione di precisione di scaffali e corridoi, ottima schermatura longitudinale per il massimo comfort visivo nei corridoi, moduli luce regolabili; tecnologia COB (Chip on Board) per la massima efficienza; LED efficienti con alta resa cromatica; vetro protettivo IP 40 disponibile come accessorio

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 134lm/W
L80 @ 50000h
non DIM, DALI-2

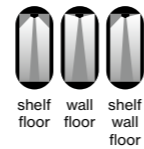
Types



Colours



Light distributions



Order options

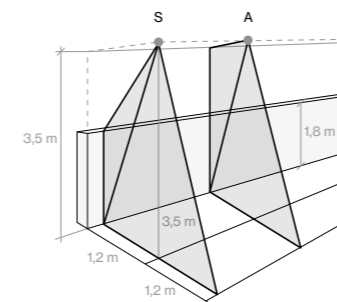
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

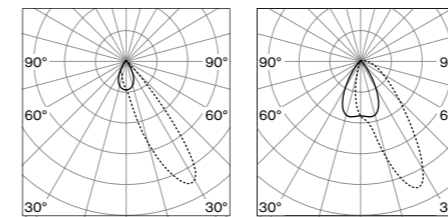
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR	
shelf floor washer	S
wall floor washer	A
1x shelf / 1x wall floor washer*	B

*only for 2x4 lamps

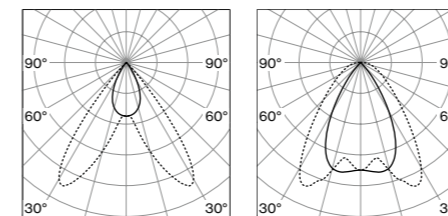


Light distributions



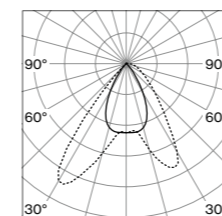
1x4 lamps
shelf floor washer

1x4 lamps
wall floor washer



2x4 lamps
shelf floor washer

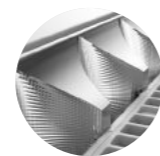
2x4 lamps
wall floor washer



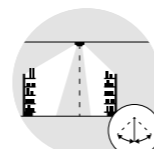
2x4 lamps
1x shelf / 1x wall floor washer



DiiA® standards
251, 252, 253

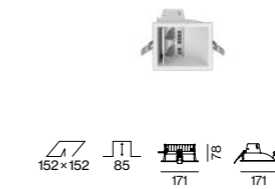


glare-free reflector
longitudinally &
transversely



+20° up to -15°
tiltable

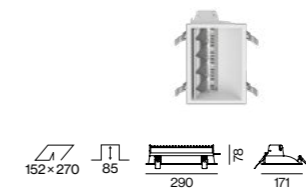
LUMINOUS FLUX value calculated for 4000K (3000K -5%), colour white, wall floor washer



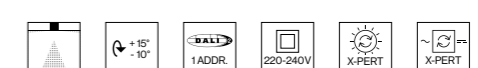
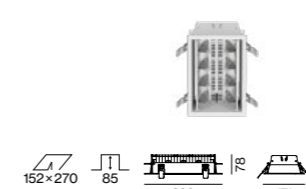
SQUADRO wallwasher trim



1x2 LAMPS SINGLE-SIDED		ORDER CODE
SYSTEM POWER	25.3W	049-2011
LUMINOUS FLUX	3250lm	



1x4 LAMPS SINGLE-SIDED		ORDER CODE
SYSTEM POWER	51W	049-2031
LUMINOUS FLUX	6490lm	



2x4 LAMPS DOUBLE-SIDED		ORDER CODE
SYSTEM POWER	86W	049-2040
LUMINOUS FLUX	2x5760lm	
	101W	049-2041
	2x6495lm	

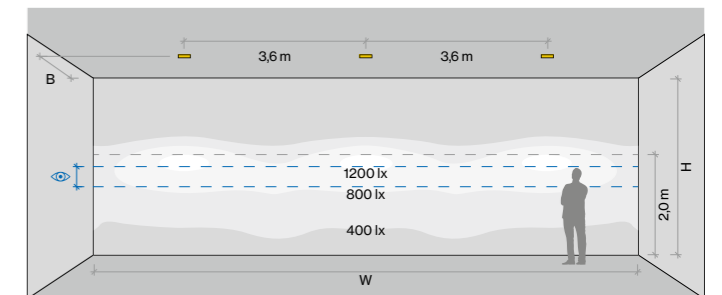
Optical accessories

IP 40 PROTECTION GLASS

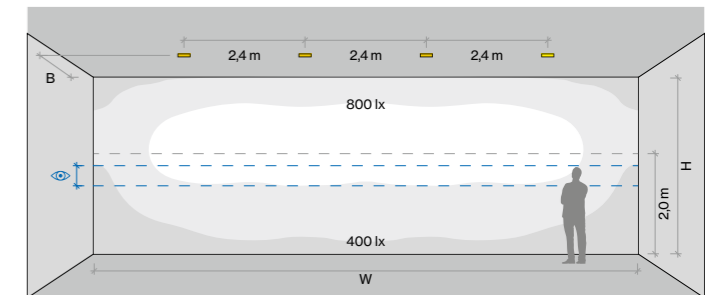
TYPE	ORDER CODE
1x2 lamps/single-sided	049-2910010
1x4 lamps/single-sided	049-2930010
2x4 lamps/double-sided	049-2940010

Technical data

SQUADRO 1x4 lamps, shelf wall washer, trim, 51W, 3000K



SQUADRO 1x4 lamps, wall floor washer, trim, 51W, 3000K



ROOM VALUES		CALCULATION SURFACE	
Wall dimensions	H = 3.5m W = 10.8m	Surface dimensions	10.8 x 3.5m
Distance to wall	B = 1.3m	Surface height	0 - 3.5m
Aisle width	2.6m		
Reflection factor	0.7 0.7 0.2	Eye level	1.35m - 1.75m
Maintenance factor	0.9		



Casagrande Luxury Lifestyle
Lucerne, CH –
by Obrist interior AG



← back



SQUADRO wallwasher track

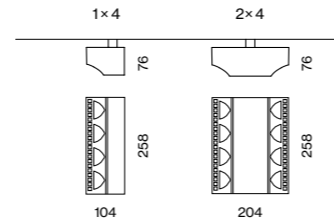
Track light in die cast aluminium in two different types (4 lamps or 2x4 lamps) and with 2 types of light modules (for shelf floor washer and wall floor washer); surface powder coated; aisle spotlight with special, multi-free-form, facet effect surface reflectors for high precision light control; precise shelf and aisle zone lighting, optimum longitudinal glare control for high viewing comfort in the aisle zone, adjustable light modules; COB (Chip on Board) technology for maximum efficiency; efficient LEDs with very good colour rendering; IP40 protection glass available as an accessory; including attachment for linear alignment of the spotlights

Faretto da binario elettrificato in pressofusione di alluminio in 2 varianti (4 o 2x4 punti luce) e con 2 diversi moduli d'illuminazione (per shelf floor washer e wall floor washer); verniciatura a polvere; Faretto per corridoi con riflettori multipli in tecnologia speciale di forma amorfa, con ottica sfaccettata per luce direzionata con la massima precisione; illuminazione di precisione di scaffali e corridoi, ottima schermatura longitudinale per il massimo comfort visivo nei corridoi, moduli luce regolabili; tecnologia COB (Chip on Board) per la massima efficienza; LED efficienti con alta resa cromatica; vetro protettivo IP40 disponibile come accessorio; incluso accessorio per il posizionamento in linea del corpo illuminante

Quickinfo

3000K, 4000K
CRI ≥ 80, 3 SDCM
up to 134lm/W
L80 @ 50 000 h
non DIM, DALI-2

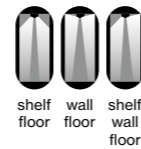
Types



Colours



Light distributions



Order options

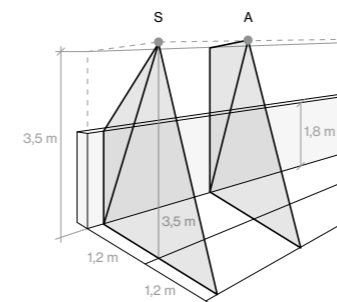
COLOUR TEMPERATURE	
3000K	5
4000K	6

CONTROL	
non DIM	1
DALI-2	3

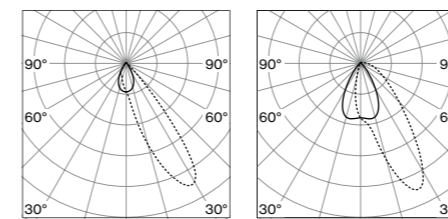
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR	
shelf floor washer	S
wall floor washer	A
1x shelf/1x wall floor washer*	B

*only for 2x4 lamps

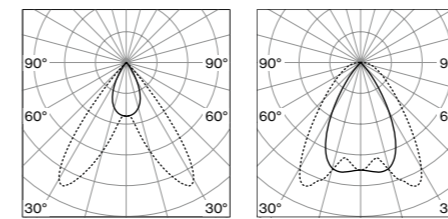


Light distributions



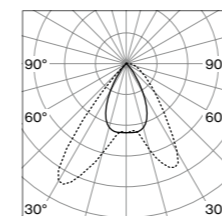
1x4 lamps shelf floor washer

1x4 lamps wall floor washer



2x4 lamps shelf floor washer

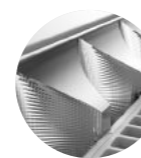
2x4 lamps wall floor washer



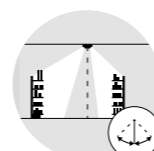
2x4 lamps 1x shelf/1x wall floor washer



DiiA® standards
251, 252, 253

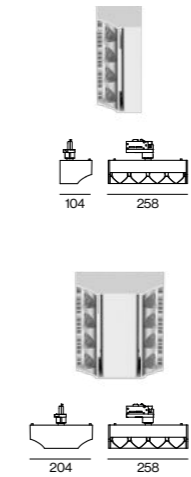


glare-free reflector longitudinally & transversely



+20° up to -15° tiltable

LUMINOUS FLUX value calculated for 4000K (3000K -5%), colour white, wall floor washer



SQUADRO wallwasher track



1x4 LAMPS SINGLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
51W	6610lm	149-2231



2x4 LAMPS DOUBLE-SIDED

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
86W	2x5760lm	149-2240
101W	2x6490lm	149-2241

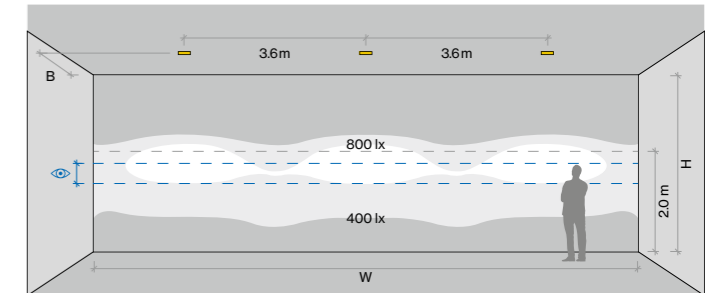
Optical accessories

IP 40 PROTECTION GLASS

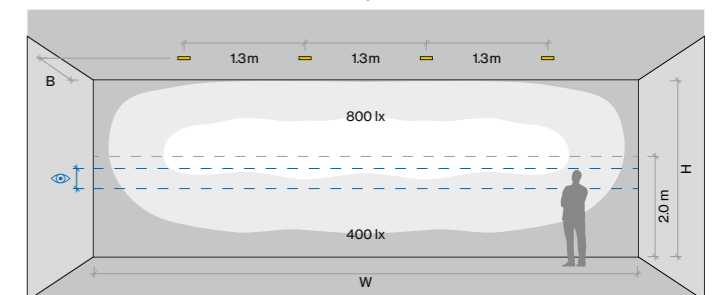
TYPE	ORDER CODE
1x4 lamps/single-sided	049-2930010
2x4 lamps/double-sided	049-2940010

Technical data

SQUADRO shelf floor washer, 1x4 lamps, +5° tilt, 51W, 3000K



SQUADRO wall floor washer, 1x4 lamps, +5° tilt, 51W, 3000K



ROOM VALUES	CALCULATION SURFACE
Wall dimensions H = 3.5m W = 10.8m	Surface dimensions 10.8 x 3.5m
Distance to wall B = 1.3m	Surface height 0 - 3.5m
Aisle width 2.6m	
Reflection factor 0.7 0.7 0.2	Eye level 1.35m - 1.75m
Maintenance factor 0.9	

Jelmoli Store
Zurich, CH



Oasis Store Melbourne, AU –
by Sync Design



Sutterlüty Rankweil, AT –
by Hermann Kaufmann + Partner ZT GmbH



In the spotlight



BO

EN Beautiful design and flexibility distinguish the BO series of ceiling and track-mounted spotlights. Multiple sizes and different beam angles deliver great freedom in staging. The individual spotlights are available as semi-recessed or surface-mounted variants or as single or dual-lamp spotlights in an elegant base with an integrated driver, as well as track-mounted spotlights. Different housing and light colours (2700 K, 3000 K, or 4000 K) offer flexibility in different architectural concepts, and different versions promise excellent colour rendering with up to $\text{CRI} \geq 95$ (2-SDCM). The spots can be rotated up to 360° and swivelled 90° , making BO an ideal spotlight for shops and display areas.

IT Le serie di faretto BO, montabili a incasso o su binari elettrificati, sorprendono con un design d'effetto e grande flessibilità. L'ampia scelta di dimensioni e fasci luminosi garantisce una maggiore libertà di allestimento. I faretto sono infatti disponibili nelle varianti a incasso, a plafone e su binario elettrificato oppure come lampada singola o doppia con una base elegante e driver integrato. La serie vanta un'eccellente resa cromatica che raggiunge $\text{CRI} \geq 95$ (2-SDCM) e offre diverse tipologie di Cover e di temperatura di colore (2700 K, 3000 K, or 4000 K) a garanzia di grande flessibilità, in qualsiasi contesto architettonico. Inoltre, i faretto BO possono essere ruotati fino a 360° e orientati a 90° diventando pertanto la soluzione ideale per negozi e aree espositive.

Types



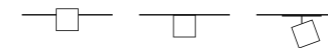
32

45

55

70

Mountings



semi-recessed

surface

track

Light distribution



spotlight

Matched proportions

EN Elegance in the right measure: All BO product family spotlights are characterised by their decorative and simple aesthetics. Thanks to their reduced design and precisely coordinated proportions, all BO models can be combined with each other.

IT Eleganza ben dosata: tutti i faretti della linea di prodotti BO vantano un'estetica tanto decorativa quanto semplice. Il design ridotto e le proporzioni calibrate con esattezza permettono di combinare reciprocamente tutti i modelli BO.



Colour variety

EN BO is available in standard white and black. For even more design freedom, additional colour options are available so that you can tailor BO to your individual project. Learn more about our colour palette at xal.com/colours.

IT I faretti BO sono disponibili nei colori bianco e nero come standard. Se occorre adattarli a un progetto individuale potete scegliere anche altre finiture. Per scoprire di più sulla nostra gamma di colori consultate xal.com/colours.



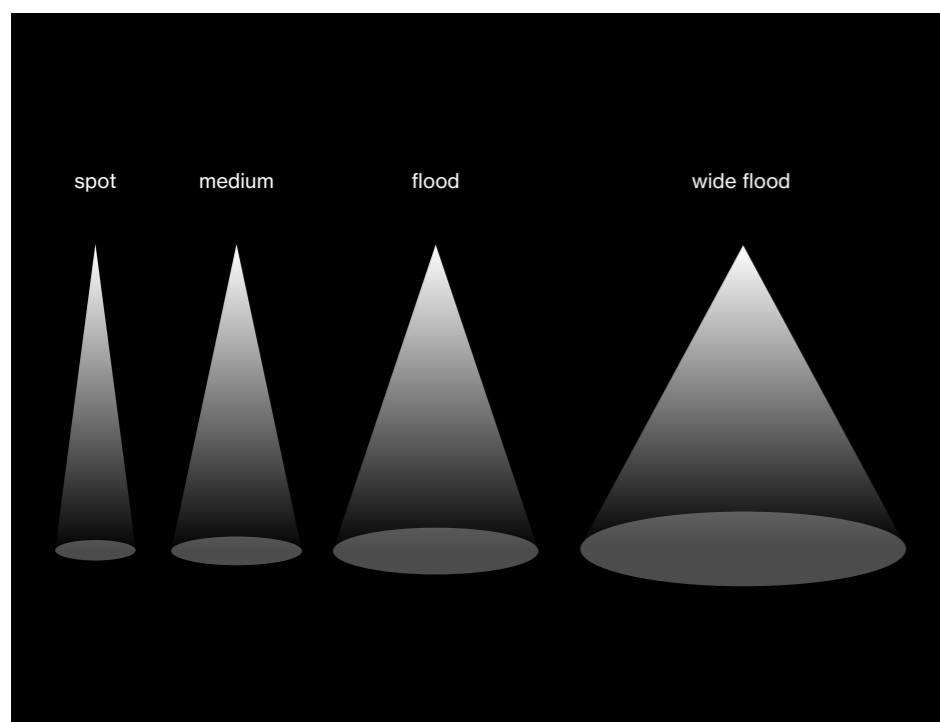
xal.com/colours



Intrack

EN Flexible adjustment – easy installation: In the track version, BO combines different sizes and beam angles. Thus, ever new lighting scenarios can be implemented: from the selective presentation of goods and products to the staging of art objects and home accessories. The converter disappears elegantly into the track.

IT Regolazione flessibile, montaggio semplice: BO in variante Track unisce misure e angoli di emissione differenti. In questo modo si compongono scenari di luce sempre nuovi: dalle presentazioni puntiformi di prodotti e oggetti alle scenografie di opere d'arte o complementi d'arredo. Il converter sparisce elegantemente nel binario.



Flexible adjustment

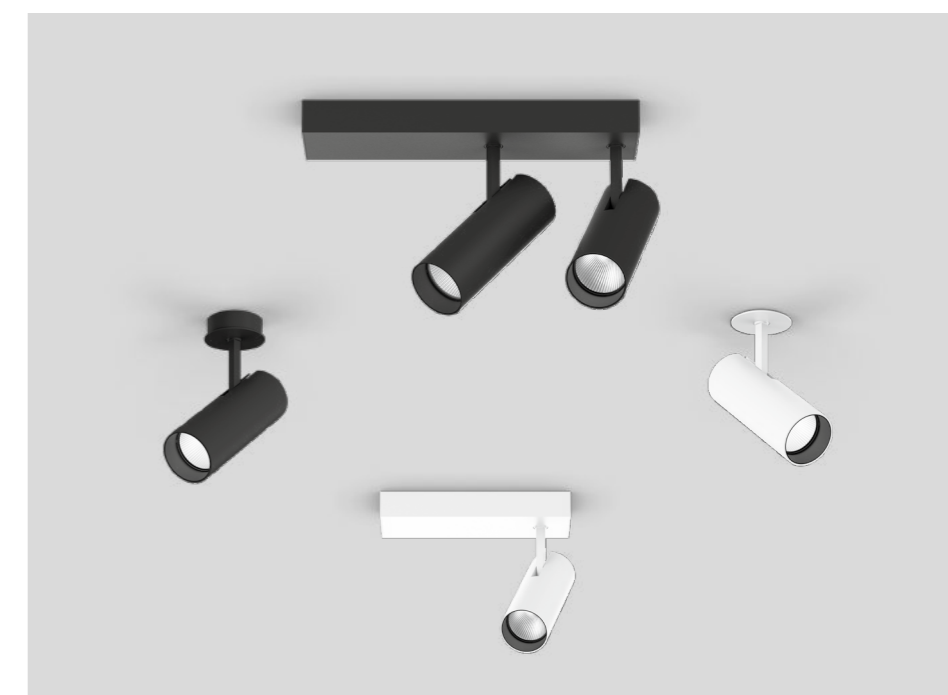
EN BO adapts to the requirements to ensure that objects are presented in the best possible light. The spotlight comes in different beam angles and is rotatable by at least 360°, as well as 90° tiltable.

IT BO sa adattarsi al contesto in modo da mettere in scena gli oggetti valorizzandoli al meglio. Il faretto è previsto con diversi angoli di emissione, inoltre si ruota di minimo 360° e si orienta di 90°.

Variety

EN The individual spotlights are available as semi-recessed or surface-mounted versions or as single or double-flame spotlights in an elegant housing. Different housing and light colours (2700 K, 3000 K, or 4000 K) offer flexibility for unique projects.

IT I singoli faretti sono disponibili come versioni a semi-incasso o a superficie o come faretti a fiamma singola o doppia in un elegante alloggiamento. Diversi alloggiamenti e colori di luce (2700 K, 3000 K o 4000 K) offrono flessibilità per progetti unici.



← back



BO 32 / 45 / 55

semi-recessed / surface

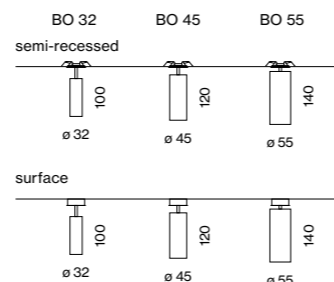
EN Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head 350° rotatable and 90° tiltable; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

FI Faretto cilindrico in alluminio; verniciatura a polvere; a scelta con armatura a plafone o da incasso; testata girevole 350° e orient. 90°; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; curva fotometrica precisa con diversi angoli di emissione; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica

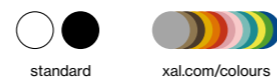
Quickinfo

2700 K, 3000 K
 CRI ≥ 90, 2 SDCM
 BO 32 up to 91lm/W
 BO 45 up to 103lm/W
 BO 55 up to 92lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types



Colours



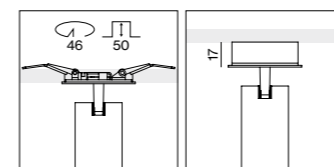
Light distributions



Order options

MOUNTING

semi-recessed ceiling clip	1
surface housing	2



COLOUR TEMPERATURE

2700K	4
3000K	5

MATERIAL COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* p. 992	X

*canopy always in white

BEAM ANGLE BO 32

spot 18°	S
medium 23°	M
flood 37°	F

BEAM ANGLE BO 45

super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

BEAM ANGLE BO 55

spot 17°	S
medium 23°	M
flood 37°	F

Options on request

COLOUR RENDERING INDEX

CRI ≥ 95, 2 SDCM	
------------------	--

COLOUR TEMPERATURE

4000K	
-------	--

CONTROL

Casambi	
---------	--



glare control via honeycomb louver

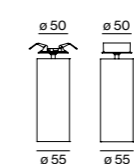
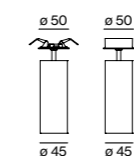
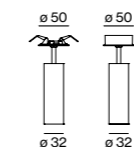


350° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

LUMINOUS FLUX value calculated for 3000 K, colour white, reflector flood 2700 K -6%



BO 32 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8W 36Vf 250mA	755lm	0 4 9 - 6 5 2 0 :: 1 ▣ ▲

BO 45 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.1W 11Vf 400mA	super spot 297lm	0 4 9 - 6 5 3 0 :: 1 ▣ V
12.8W 37Vf 350mA	spot 1030lm	0 4 9 - 6 5 3 0 :: 1 ▣ S
13.5W 36Vf 400mA	medium, flood 1320lm	0 4 9 - 6 5 3 0 :: 1 ▣ ▲

BO 55 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
21.1W 36Vf 600mA	1850lm	0 4 9 - 6 5 4 0 :: 1 ▣ ▲

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
250 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 2
250 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 4 3
350 mA non DIM	η 85 %	180-30-21	0 0 2 - 9 0 7 2 2
350 mA DALI-2	η 83 %	210-30-21	0 0 2 - 9 0 7 2 3
400 mA non DIM	η 88 %	180-30-21	0 0 2 - 9 0 7 2 4
400 mA DALI-2	η 84 %	210-30-21	0 0 2 - 9 0 7 2 5
600 mA non DIM	η 87 %	210-30-21	0 0 2 - 9 0 7 2 6
600 mA DALI-2	η 85 %	210-30-21	0 0 2 - 9 0 7 2 7

for surface versions revision opening required

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC	90-90-60	0 0 5 - 6 5 2 0 2 1 0
96W 48V DC constant voltage		
LED DRIVER DALI-2 DT6 1-2 addr.	36-88-59	0 0 5 - 6 1 2 1 0 3 0
200-1050mA settable const. current		
2x42W 48V DC U _{OUT} 10-40V		

for more details and components see page 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
BO 32	30-3	0 0 7 - 1 9 6 5 1 6 8
BO 45	42-3	0 0 7 - 1 9 6 5 1 8 8
BO 55	50-3	0 0 7 - 1 9 6 5 5 9 8

Complexe des opérations Payerne CH –
by op-arch, Oester Pfenninger, Ulrich
Weiz including lighting design





Wohnhaus Pferdeblick, AT –
by Baukooperative GmbH
including lighting design

Einrichtungshaus Grimm
Göppingen, DE –
by Studio Komo





BO 45 base surface

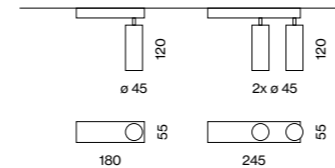
EN Cylindrical spotlight made of aluminium; surface powder coated; spotlight head 350° / 330° (1 lamp / 2 lamps) rotatable and 90° tiltable; choice of single lamp or double lamps; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

FI Faretto cilindrico in alluminio; verniciatura a polvere; testata girevole 350° / 330° (1 luce / 1 luci) e orient. 90°; a scelta a monoemissione o biemissione; alloggiamento con montaggio a superficie in alluminio, convertitore incluso; piastra di montaggio preinstallabile con unità convertitore premontata; corpo illuminante montabile ad appoggio senza attrezzi tramite blocco di sicurezza; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; curva fotometrica precisa con diversi angoli di emissione; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 2 SDCM
1 lamp up to 86 lm/W
2 lamps up to 96 lm/W
L80 @ 50 000 h
non DIM, DALI-2

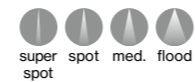
Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
2700 K	4
3000 K	5

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* p. 992	X

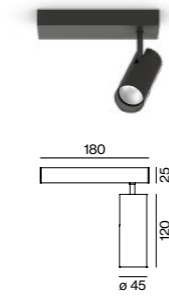
*base always in white

BEAM ANGLE	
super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

COLOUR TEMPERATURE	
4000 K	

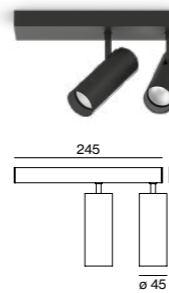


BO 45 base surface



1 LAMP

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
7.2 W	super spot 297 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ V
15.1 W	spot 1030 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ S
15.9 W	medium, flood 1310 lm	0 4 9 - 6 3 3 0 :: ▽ ▽ ▲



BO 45 base surface



2 LAMPS

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
14.4 W	super spot 2 × 297 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ V
30 W	spot 2 × 1030 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ S
27.5 W	medium, flood 2 × 1220 lm	0 4 9 - 6 4 3 0 :: ▽ ▽ ▲

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
BO 45	42-3	0 0 7 - 1 9 6 5 1 8 8



glare control via honeycomb louver



350° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

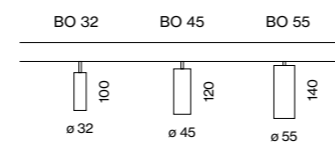
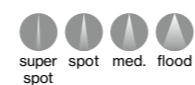
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -6%

möbelbau breithaler gmbh
Leibnitz, AT – by möbelbau
breithaler gmbh



Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 2 SDCM
 BO 32 up to 69 lm/W
 BO 45 up to 87 lm/W
 BO 55 up to 78 lm/W
 L80 @ 50 000 h
 non DIM, DALI-2

Types**Colours****Light distributions****Order options**

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

CONTROL	
non DIM	1
DALI-2	3

MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours p.992	X

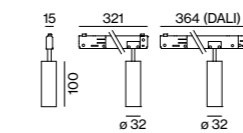
BEAM ANGLE BO 32	
spot 18°	S
medium 23°	M
flood 37°	F

BEAM ANGLE BO 45	
super spot 8°	V
spot 14°	S
medium 24°	M
flood 39°	F

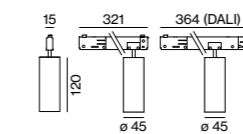
BEAM ANGLE BO 55	
spot 17°	S
medium 23°	M
flood 37°	F

Options on request

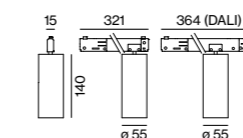
COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

**BO 32 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
11.7 W	755 lm	180-71111::◆▲

**BO 45 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
6.1 W	super spot 297 lm	180-72111::◆▲V
15.1 W	spot 1030 lm	180-72111::◆▲S
15.9 W	medium, flood 1320 lm	180-72111::◆▲

**BO 55 intrack****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
24.8 W	1840 lm	180-73111::◆▲

Optical accessories**HONEYCOMB LOUVER**

TYPE	Ø H (mm)	ORDER CODE
BO 32	30·3	007-1965168
BO 45	42·3	007-1965188
BO 55	50·3	007-1965598

BO 32/45/55

intrack

EN Track light made of die-cast aluminium; surface powder coated; spotlight head rotates 360° and tilts 90°; converter integrated in the power track adapter; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track

IT Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; testata ruotabile di 360° e orientabile di 90°; convertitore integrato nell'adattatore per binari elettrificati; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; curva fotometrica precisa con diversi angoli di emissione; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; adattatore per installazione senza utensili o scorrimento in vari binari trifase; adattatore a filo con i binari elettrificati



glare control via honeycomb louver



360° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, flood 2700 K -5%, 4000 K +7%



Oberpollinger | The KaDeWe Group
Munich, DE – by Licht Kunst Licht AG
including lighting design

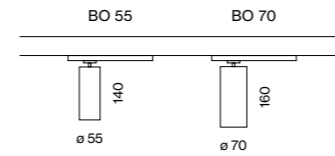


Optiek Sagaert Zwevegem BE –
by Courtois & Châtelain and
Entirus Group



Quickinfo

3000K, 4000K
 CRI ≥ 90 2-SDCM
 up to 87lm/W
 L80 @ 50 000h
 non DIM, DALI-2

Types**Colours****Light distributions**

BO 55



BO 70

**Order options**

COLOUR TEMPERATURE	☼☼☼
3000K	5
4000K	6

CONTROL	⬆️⬆️
non DIM	1
DALI-2	3

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

BEAM ANGLE BO 55	▲
spot 17°	S
medium 24°	M
flood 40°	F

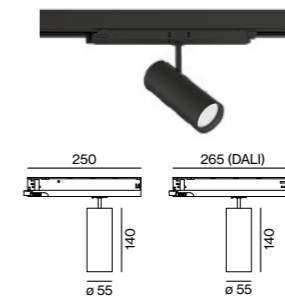
BEAM ANGLE BO 70	▲
spot 15°	S
medium 23°	M
flood 37°	F
wide flood 57°	W

Options on request

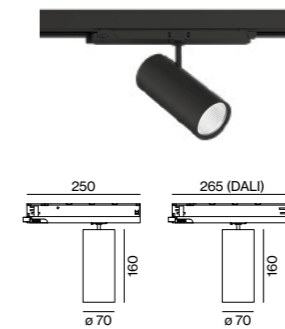
COLOUR RENDERING INDEX	
CRI ≥ 95, 2 SDCM	

CONTROL

Casambi

**BO 55 track****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
24.8 W	2150 lm	180-7312::☼☼▲

**BO 70 track****TRACK LIGHT**

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
40 W	3410 lm	180-7411::☼☼▲

Optical accessories**HONEYCOMB LOUVER**

TYPE	Ø H (mm)	ORDER CODE
BO 55	50-3	007-1965598
BO 70	61-3	080-5900018

BO 55/70

track

EN Track light made of die-cast aluminium; surface powder coated; spotlight head 355° rotatable and 90° tiltable; converter integrated in the power track adapter; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

IT Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; testata girevole 355° e orient. 90°; convertitore integrato nell'adattatore per binari elettrificati; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; curva fotometrica precisa con diversi angoli di emissione; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; adattatore per installazione senza utensili o scorrimento in vari binari trifase



glare control via
honeycomb louver



355° rotatable,
90° tiltable



CRI ≥ 90,
2 SDCM

LUMINOUS FLUX value calculated for
3000K, CRI ≥ 90, colour white, flood
4000K +5%

Shop SVNTY Antwerp, BE –
by Verhamme de vel Architecten
with lighting design by Electro Govaerts



Universal expert

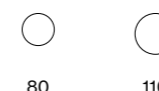


VARO

EN As a track-mounted spotlight, VARO focuses on the essentials and can be used universally. It is available in two different sizes and, thanks to its 355° rotation and 90° swivelling capability, is extremely flexible in use. This flexibility is supported by the fact that the spotlights can be inserted and moved along the track without tools. It is ideal for use in shops whose interior design is continually evolving. The high-quality reflector from VARO ensures a particularly precise beam characteristic at different angles, all with an excellent colour rendering up to $CRI \geq 95$. Depending on the desired spatial effect, you can choose between the 3000 K and 4000 K light colours.

IT Il faretto per binari elettrificati VARO è essenziale e universale. Disponibile in due misure, è estremamente flessibile, grazie alla rotazione di 355° inclinazione di 90°. Anche il tipo di montaggio assicura grande flessibilità: il faretto si inserisce nel binario elettrificato e si sposta a piacimento senza bisogno di attrezzatura. È la soluzione ideale per i negozi, dove gli allestimenti cambiano di continuo. VARO è dotato di un riflettore di qualità che distribuisce la luce con precisione a angolature. Inoltre, vanta l'ottimo indice di resa cromatica fino a $CRI \geq 95$. A seconda dell'atmosfera richiesta, potete scegliere la temperatura di colore 3000 K o 4000 K.

Types



80

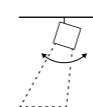
110

Mounting



track

Light distribution



spotlight

← back



VARO 80 S

track

Track light made of die-cast aluminium; surface powder coated; spotlight head 355° rotatable and 90° tiltable; integrated converter in the plastic adapter; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; optical attachments can be combined; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; testata girevole 355° e orient. 90°; converter integrato nell'adattatore in plastica; riflettore di alta qualità con ottica a sfaccettature sferiche; curva fotometrica precisa con diversi angoli di emissione; montaggio e smontaggio senza utensili; unità ottiche come accessori; accessori ottici combinabili tra loro; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; adattatore per installazione senza utensili o scorrimento in vari binari trifase

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 up to 91lm/W
 L80/50 000h
 non DIM, DALI-2

Type



Colours



Light distributions



Order options

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
non DIM	1
DALI-2	3

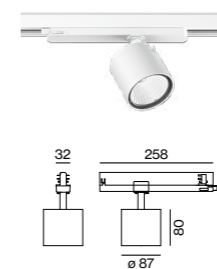
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

BEAM ANGLE	
spot 17°	S
medium 28°	M
flood 38°	F

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 80	

CONTROL	
Casambi	



VARO 80 S track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
28.5W	2600lm	180-6420
45W	3610lm	180-6421

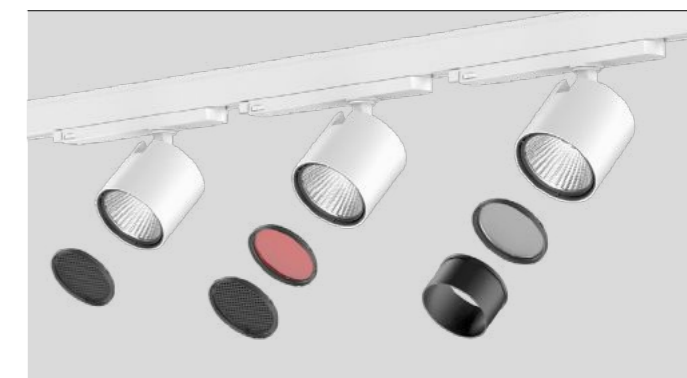
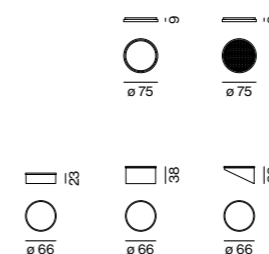
Optical accessories

LENSES AND HONEYCOUMB LOUVER

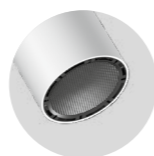
TYPE	Ø H (mm)	ORDER CODE
linear prismatic lens	75.9	080-6402110P
honeycomb louver	75.9	080-6401118

SNOOT

TYPE	Ø H (mm)	ORDER CODE
short	66.23	080-6403118
medium	66.38	080-6403218
angle	66.38	080-6403318



possibility to combine different optical accessories (max. 2 pieces)



optical accessories



combine 2 optical accessories



355° rotatable, 90° tiltable

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, flood 4000K +8%

s.Oliver Store Munich, DE –
by Kitzig Interior Design GmbH
including lighting design



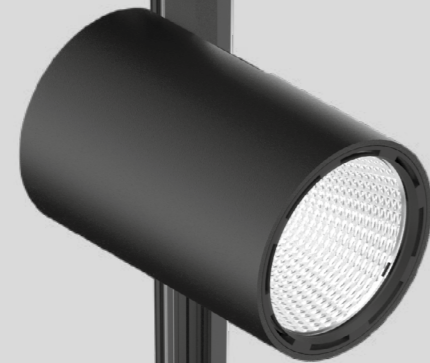


Feucht Mode Innsbruck, AT –
by blocher partners with lighting design by
Hailight Lichtplanung, Andreas Haidegger



Museo Camera Gurugran, IN –
by Studio Lunitiv

back



VARO 80/110

track

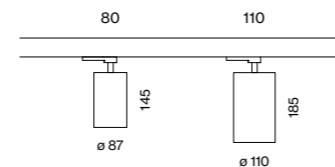
Track spotlight in die-cast aluminium, available in 2 different sizes; surface powder coated; spotlight head 355° rotatable and 90° tiltable; converter installed in aluminium spotlight housing; high quality reflector with spherical facet finish; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks

Faretto in pressofusione di alluminio per binario elettrificato, due misure; verniciatura a polvere; testata girevole 355° e orient. 90°; converter integrato nel telaio di alluminio del faretto; riflettore di alta qualità con ottica a sfaccettature sferiche; curva fotometrica precisa con diversi angoli di emissione; montaggio e smontaggio senza utensili; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; adattatore per installazione senza utensili o scorrimento in vari binari trifase

Quickinfo

3000K, 4000K
 CRI ≥ 90, 3 SDCM
 VARO 80 up to 95lm/W
 VARO 110 up to 100lm/W
 L80/50 000h
 non DIM

Types



Colours



Light distributions



Order options

COLOUR TEMPERATURE	☼☼
3000K	5
4000K	6

CONTROL

non DIM

MATERIAL COLOUR

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

BEAM ANGLE

VARO 80	▲
spot 17°	S
medium 28°	M
flood 38°	F

BEAM ANGLE

VARO 110	▲
spot 14°	S
medium 24°	M
flood 33°	F

Options on request

COLOUR RENDERING INDEX

CRI ≥ 95 2-SDCM

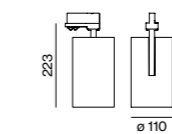
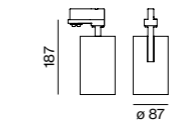
SPECIAL COLOUR RENDERING

vogue	CRI ≥ 90
gallery	CRI 98
gourmet	CRI ≥ 80
fresh meat & fish	CRI ≥ 80
pastry	CRI ≥ 80
brilliant white	CRI ≥ 90

REFLECTOR

wide flood 67°

only for VARO 110



VARO 80 track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
29 W	2700 lm	080-6210::1▲

VARO 110 track



TRACK LIGHT

SYSTEM POWER	LUMINOUS FLUX	ORDER CODE
42 W	4210 lm	080-6120::1▲

Optical accessories

SNOOT WITH HONEYCOMB LOUVER

TYPE	Ø H (mm)	ORDER CODE
VARO 80	83-9	006-93120
VARO 110	106-9	006-93130



355° rotatable,
90° tiltable



CRI ≥ 95
2 SDCM

LUMINOUS FLUX value calculated for 3000K, CRI ≥ 90, colour white, flood 4000K +5%



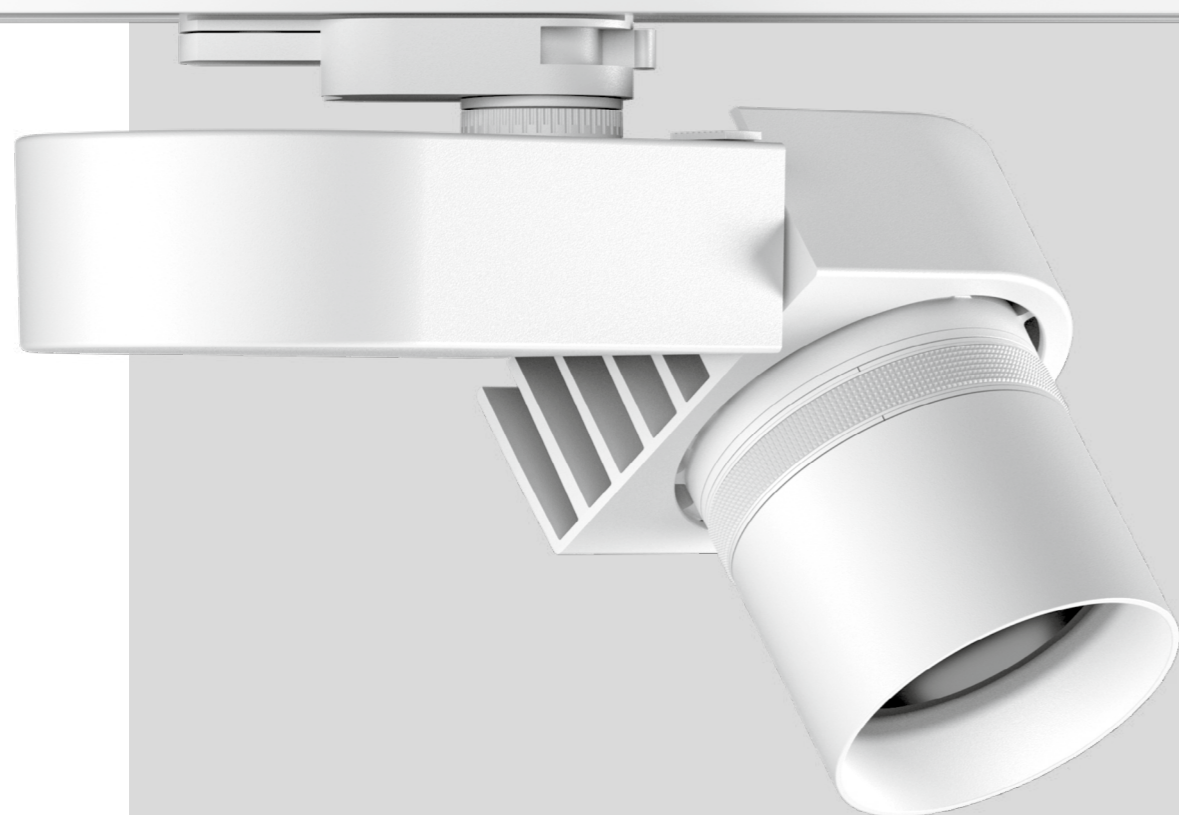
Kastner & Öhler, Kaufhaus Tyrol Innsbruck, AT –
by DIOMA AG / WHIR3 / K&Ö Bauabteilung with
lighting design by VEDDER.LICHTMANAGEMENT



Porsche Studio Saigon, VN –
by Kobi Lighting Studio



Known for his expressive colours

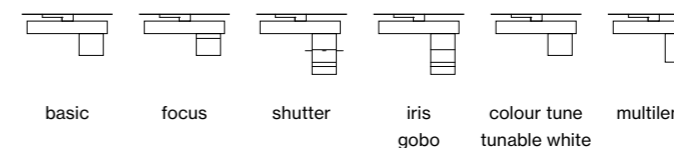


PABLO

EN The PABLO track-mounted spotlight was developed especially for museums. With a colour rendering index of up to $CRI \geq 95$, it illuminates works of art with near-perfect colour reproduction. The Colour Tune variant compensates for age-related colour changes in paintings with increased and customisable red-blue saturation. PABLO is fixed in the tracks without tools, and the spotlight heads can be rotated, swivelled, and repositioned almost at will. PABLO focus's beam angle is also adjustable. The iris, shutter, and gobo versions create sharp-edged light cut-outs in various shapes to stage works of art even more excitingly. The multilens version of PABLO has five attachment lenses that can be exchanged without tools depending on the required beam pattern. The mood of the room can be influenced by using the Tunable White version to change light colours.

IT Il faretto PABLO per binari elettrificati è stato studiato appositamente per i musei. Con un indice di resa cromatica pari a $CRI \geq 95$, illumina le opere d'arte con una fedeltà pressoché assoluta. La variante Colour-Tune offre la possibilità di regolare individualmente la saturazione del rosso-blu, compensando i cambiamenti di colore avvenuti nel tempo. PABLO si fissa su binari portanti senza bisogno di attrezzatura, le testate si ruotano e si orientano in qualsiasi posizione. Con PABLO Focus si può variare anche l'angolo di emissione. I modelli Iris, Shutter e Gobo disegnano profili nitidi che si ritagliano esattamente sulle opere esposte, esaltandole al massimo. La versione multilente di PABLO ha cinque lenti di attacco che possono essere scambiate senza attrezzi a seconda del modello di fascio richiesto. Non manca l'opzione Tunable White con cui si può variare l'atmosfera dinamicamente.

Types



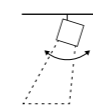
basic focus shutter iris gobo colour tune tunable white multilens

Mounting



track

Light distribution

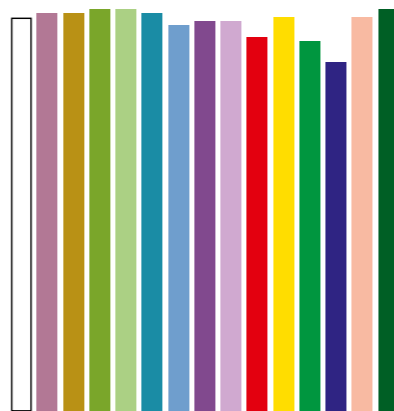


spotlight

PABLO multilens

EN PABLO's multilens design lets the beam characteristics be flexibly adjusted depending on the application. For this purpose, there are five ancillary lenses that can be easily exchanged without tools. Objects are thus staged in the best possible light and the staging of a room with changing interiors becomes feasible.

IT Con la variante PABLO multilens si può cambiare il tipo di emissione a seconda delle necessità. Allo scopo sono previste cinque lenti che si sostituiscono facilmente, senza bisogno di utensili. In questo modo si compone la scenografia migliore per valorizzare oggetti e arredi anche quando cambia l'allestimento.



Authentic colours

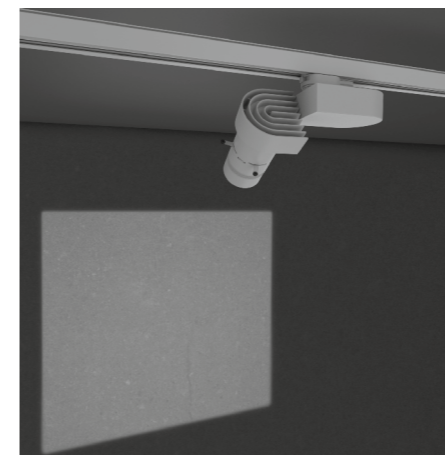
EN Museum lighting must present exhibits authentically. PABLO illuminates works of art with near-perfect colour reproduction thanks to a colour rendering index of up to $CRI \geq 95$ and $R9 > 90$. Light colour and intensity can be controlled, allowing the lighting to be adapted to any new spatial setting.

IT L'illuminazione museale è tenuta a restituire con autenticità le opere esposte. Con un indice di resa cromatica pari a $CRI \geq 95$ e $R9 > 90$, PABLO illumina le opere d'arte con fedeltà pressoché assoluta. Si possono configurare sia l'intensità che la temperatura di colore, adattando l'illuminazione ad ogni nuovo allestimento.

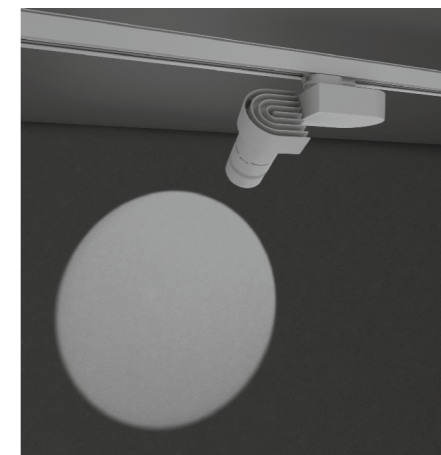
Light in form

EN PABLO's shutter, iris, and gobo variants create sharp-edged silhouettes in a square, round, or custom shape such as lettering. This means exhibits can be precisely custom-illuminated for maximum effect.

IT Le varianti di PABLO Iris, Shutter e Gobo disegnano profili nitidi di forma rotonda, quadrata o personalizzabile, come una scritta. In questo modo l'illuminazione si ritaglia a esattamente sulle opere esposte esaltandole al massimo.



shutter



iris



gobo

Precise and variable

EN PABLO spots can be mounted and moved along the track without tools. The spotlight head can be fixed in any position without tools thanks to the special adapter fixing. This makes PABLO as precise as it is flexible, even after installation.

IT I faretto PABLO montati su binari elettrificati si spostano senza bisogno di attrezzatura alcuna. Uno speciale adattatore permette di fissare le testate nella posizione desiderata. PABLO è un sistema flessibile e preciso, anche a montaggio avvenuto.



Restored by light

EN PABLO Colour Tune was developed to faithfully revive historical art worthy of protection. A customisable red-blue saturation compensates, purely thanks to the lighting, for time-related colour damage. This gently reawakens a work of art's original colours.

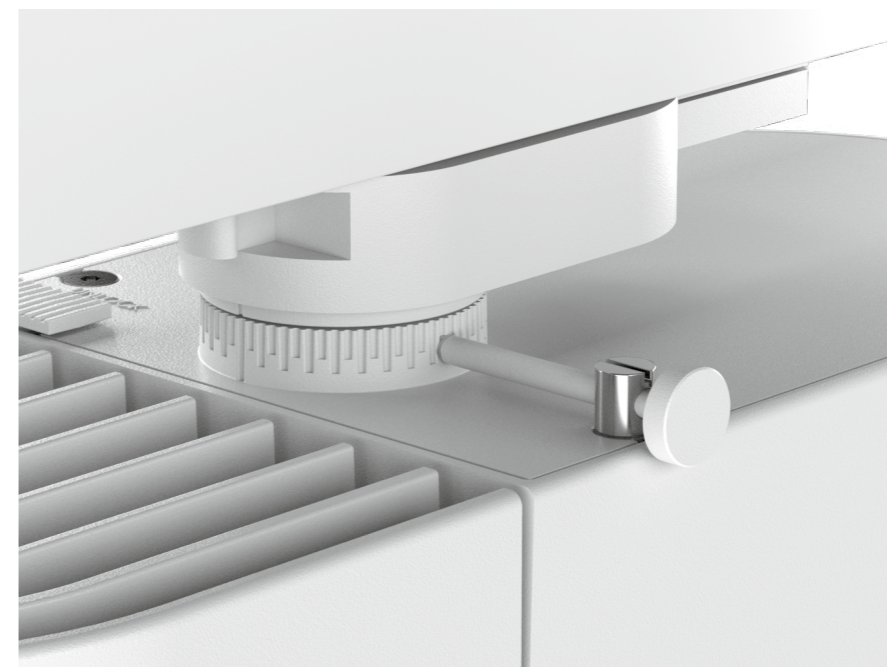
IT Per restituire l'originale vivacità a prestigiose opere storiche, è stato sviluppato PABLO Colour Tune. Questo prodotto offre la possibilità di regolare individualmente la saturazione del rosso-blu, compensando i danni al colore provocati dal tempo. La sola illuminazione riporta così in vita i colori originari dell'opera d'arte.



Easy dimming

EN PABLO's DIM Poti variant has a manual dimming function. The brightness can be easily adjusted directly on-site at the spotlight head to suit the surroundings and the desired lighting mood.

IT Il modello PABLO DIM Poti vanta una funzione di dimmeraggio manuale. L'intensità si regola sul posto, direttamente sul faretto e in base al contesto, creando quindi l'atmosfera desiderata.



← back



PABLO basic/focus

track

EN Track light made of die-cast aluminium; powder coated; converter in spotlight housing; COB (Chip on Board) technology – maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; PABLO basic: sym./asym. radiation characteristic; PABLO focus: object focusing through adjustable lens; adjustable beam angle; PABLO shutter / iris: contour spotlight for rectangular or round shape – adjustment by 4 shading elements / by iris-shaped shade; toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

FI Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; converter nel telaio del faretto; tecnologia COB (Chip on Board) – massima efficienza; assenza di ombre multiple; LED a risp. energ. – ottima resa cromatica; PABLO basic: con emiss. simm./asimm.; PABLO focus: messa a fuoco attraverso lente regolabile; angolo di emissione regolabile; PABLO shutter / iris: faretto di contorno per forma rettangolare / rotonda – regolazione con 4 elementi paraluce / alette paraluce a iride; installazione o scorrimento senza attrezzi in vari binari trifasici; fissaggio adattatore a scelta senza attrezzi mediante vite a testa zigrinata o vite di serraggio (cacciavite necessario); allacciamento singolo con armatura a plafone o da incasso, come accessorio

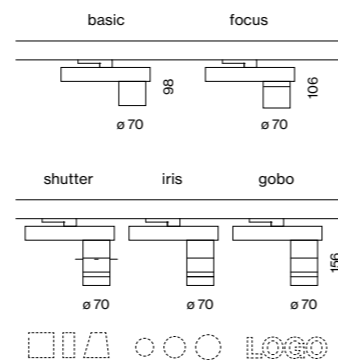
Quickinfo

3000K, 4000K
CRI ≥ 95, 2 SDCM
POTI, DALI

L85 @ 50 000h
PABLO basic up to 87lm/W
PABLO focus up to 69lm/W

L90 @ 50 000h
PABLO shutter/iris up to 18lm/W

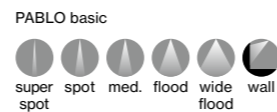
Types



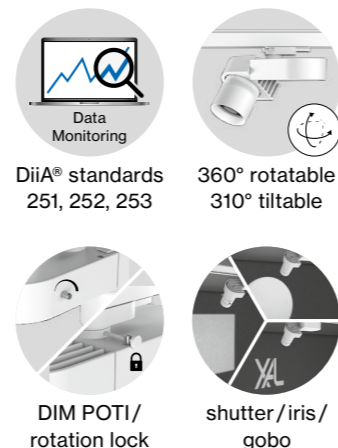
Colours



Light distributions



PABLO focus



Data Monitoring

DiiA® standards 251, 252, 253

360° rotatable 310° tiltable

DIM POTI/ rotation lock

shutter/iris/ gobo

Order options

ADAPTER FIXATION	
tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE	
3000K	0
4000K	1

CONTROL	
DIM POTI	8
DALI	3

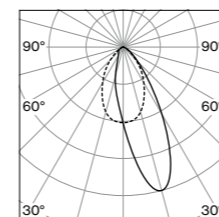
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8

REFLECTOR	
super spot 6° (only for 11W)	V
spot 12°	S
medium 24°	M
flood 39°	F
wide flood 58°	W
wallwasher	A

Options on request

REFLECTOR	
oval flood	

Light distribution

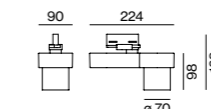


wallwasher

LUMINOUS FLUX value calculated for CRI ≥ 95, colour white, reflector spot



PABLO basic



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
10.9 W (3-SDCM)	3000K (CRI ≥ 90)	614 lm	180-51005
	4000K (CRI ≥ 90)	660 lm	180-51006
13.9 W	3000K	986 lm	180-51000
	4000K	1080 lm	
22.9 W	3000K	1460 lm	180-51011
	4000K	1610 lm	



PABLO focus 17–47°



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
14 W	3000K	785 lm	180-52000
	4000K	862 lm	
23 W	3000K	1170 lm	180-52010
	4000K	1280 lm	

Optical accessories

SNOOT | HONEYCOMB LOUVER

TYPE	ØH (mm)	ORDER CODE
snoot	62-33	080-590008
honeycomb louver	61-3	080-590018

Mounting accessories

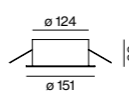
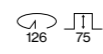
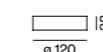
SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227



← back

Order options

ADAPTER FIXATION

tool-free fixation	2
set screw (tool required)	1

COLOUR TEMPERATURE

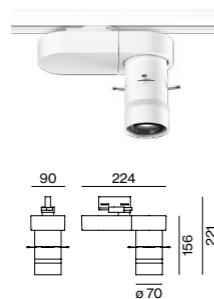
3000K	0
4000K	1

CONTROL

DIM POTI	8
DALI	3

MATERIAL COLOUR

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



PABLO shutter



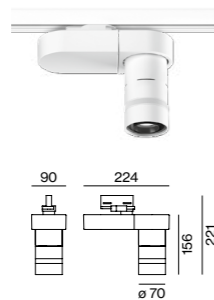
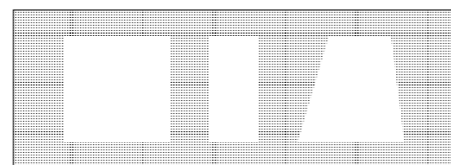
TRACK LIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000K	854 cd	180-5300
	4000K	934 cd	
23 W	3000K	1266 cd	180-5301
	4000K	1389 cd	

illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination



PABLO iris



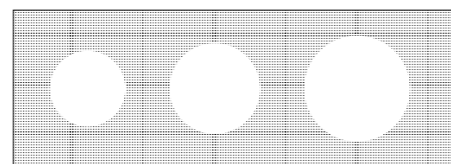
TRACK LIGHT

SYS. POWER	COLOUR TEMP.	LUMINOUS INTENSITY	ORDER CODE
14 W	3000K	873 cd	180-5400
	4000K	960 cd	
23 W	3000K	1297 cd	180-5401
	4000K	1425 cd	

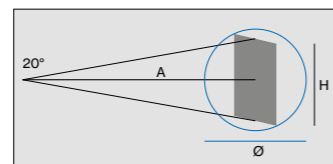
illuminance (lux) = luminous intensity (cd) / distance (m)²

LIGHT DISTRIBUTION

possible shapes of illumination



Illumination size

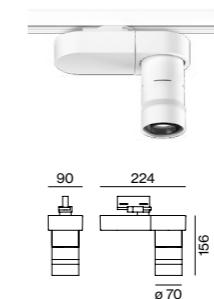


A (mm)	H (mm)	Ø (mm)
1000	396	560
2000	792	1120
3000	1188	1680

Order options

MATERIAL COLOUR

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



PABLO gobo

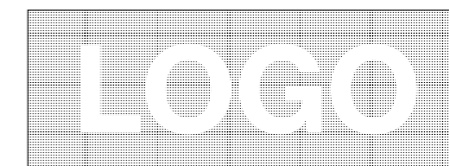


TRACK LIGHT

SYS. POWER	LUMINOUS INTENSITY	ORDER CODE
14 W	depends on form	on request

LIGHT DISTRIBUTION

customised shapes of illumination possible



Mounting accessories



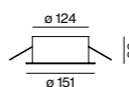
SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228



RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm



TYPE	ORDER CODE
recessed housing/point outlet	186-07227



Nationalmuseum Stockholm, SE –
by Wingårdhs with lighting design
by Gabriele von Kardorff



← back



PABLO colour tune/tunable white

track

EN Track light made of die-cast aluminium; powder coated; converter in spotlight housing; COB (Chip on Board) technology or CSP (Chip-Scale-Packaging) technology for maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; high quality aluminium refl., spherical facet finish; high-gloss anodised; precise radiation charact. – different beam angles; installed/exchanged without tools; optical attachments as accessories; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

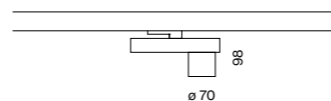
IT Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; converter nel telaio del faretto; tecnologia COB (Chip on Board) o tecnologia CSP (Chip-Scale-Packaging) per la massima efficienza; assenza di ombre multiple; LED a risp. energ. – ottima resa cromatica; rifl. in alluminio di alta qual., ottica sferica sfaccettata; anodizz. lucido; emiss. precisa – diversi angoli di emiss.; inseribile/sostituibile senza attrezzi; unità ottiche come accessori; adattatore per installazione senza utensili o scorrimento in vari binari trifase; fissaggio adattatore a scelta senza attrezzi mediante vite a testa zigrinata o vite di serraggio (cacciavite necessario); allacciamento singolo con armatura a plafone o da incasso, come accessorio

Quickinfo

PABLO colour tune
3500 K red/blue
CRI ≥ 90, 3 SDCM
up to 54lm/W
L95 @ 50 000h
DALI-2

PABLO tunable white
TW 2700–5000K
CRI ≥ 95, 3 SDCM
up to 48lm/W
L80 @ 50 000h
DALI-2 DT8

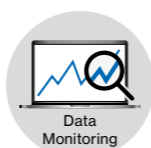
Type



Colours



Light distributions



DiiA® standards
251, 252, 253



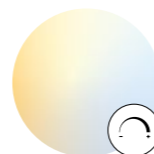
360° rotatable
245°/65° tiltable



rotation
lock




colour tune
(3500 K red/blue)



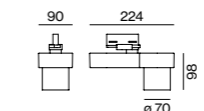
tunable white
2700–5000K

Order options

ADAPTER FIXATION 
tool-free fixation 2
set screw (tool required) 1

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

BEAM ANGLE 
medium 20/24° M
flood 38° F



PABLO colour tune



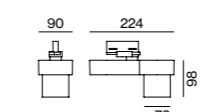
TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
18.8 W	3500 K red/blue	1020 lm	180-5600G3

Fresh colour for historical works of art



PABLO colour tune was developed to revitalise historical art, which is particularly worthy of protection, true to the original. An increased, individually adjustable red-blue saturation compensates for time-related colour damage – purely through the lighting. This reawakens the original colours of a work of art. The correct setting of PABLO colour tune can be easily controlled and adjusted via DALI-2.



PABLO tunable white



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
20.7 W	2700–5000K	954 lm	180-5600D3

Optical accessories

SNOOT | HONEYCOMB LOUVER

TYPE	Ø-H (mm)	ORDER CODE
snoot	62-33	080-5900008
honeycomb louver	61-3	080-5900018

Mounting accessories

SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227



LUMINOUS FLUX value calculated for colour white, reflector medium

Nationalmuseum Stockholm, SE –
by Wingårdhs with lighting design
by Gabriele von Kardorff



back



PABLO multilens

track

EN Track light made of die-cast aluminium; powder coated; 360° rotatable and 310° tiltable; converter installed in aluminium spotlight housing; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-eff. LEDs – very good colour rendering; exchangeable additional lenses; precise radiation characteristics with different beam angles; installed and exchanged without tools; optical attachments as accessories; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter fixation optionally without tools by means of knurled screw or set screw (screwdriver required); point outlet, either in surface mounted housing or recessed housing, as an accessory

IT Faretto da binario elettrificato in alluminio pressofuso; verniciatura a polvere; girevole 360° e orientabile 310°; converter integrato nel telaio di alluminio del faretto; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED a risp. energ. – ottima resa cromatica; lenti addiz. intercambiabili; curva fotometrica precisa con diversi angoli di emissione; montaggio e smontaggio senza utensili; unità ottiche come accessori; adattatore per installazione senza utensili o scorrimento in vari binari trifase; fissaggio adattatore a scelta senza attrezzi mediante vite a testa zigrinata o vite di serraggio (cacciavite necessario); allacciamento singolo con armatura a plafone o da incasso, come accessorio

Quickinfo

3000K, 4000K
CRI ≥ 90, 2 SDCM
up 76lm/W
L85 @ 50 000h
DIM POTI

Type



Colours



Light distributions



Order options

ADAPTER FIXATION
tool-free fixation 2
set screw (tool required) 1

COLOUR TEMPERATURE
3000K 5
4000K 6

CONTROL

DIM POTI

MATERIAL COLOUR

traffic white RAL 9016 7
 jet black RAL 9005 8

BEAM ANGLE

10/19/30/38/40/64°

Options on request

CONTROL

DALI-2



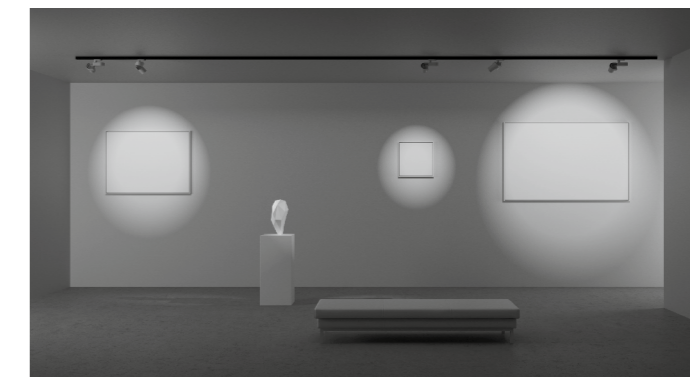
PABLO multilens 10–60°



TRACK LIGHT

SYS. POWER	COLOUR TEMPERATURE	LUMINOUS FLUX	ORDER CODE
14.8W	3000K	1050lm	180-57008
	4000K	1130lm	

incl. 5 pcs. interchangeable diffusion sheets



Optical accessories

OVAL FILTER

TYPE	ORDER CODE
oval filter 60 × 15°	080-5900020
diffusion sheet for superspot*	080-5900030

*for a better homogeneous illumination

Mounting accessories

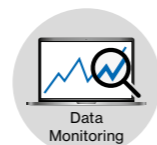
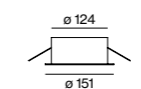
SURFACE HOUSING/POINT OUTLET

TYPE	ORDER CODE
surface housing/point outlet	186-07228

RECESSED HOUSING/POINT OUTLET

ceiling thickness: 1-30 mm

TYPE	ORDER CODE
recessed housing/point outlet	186-07227

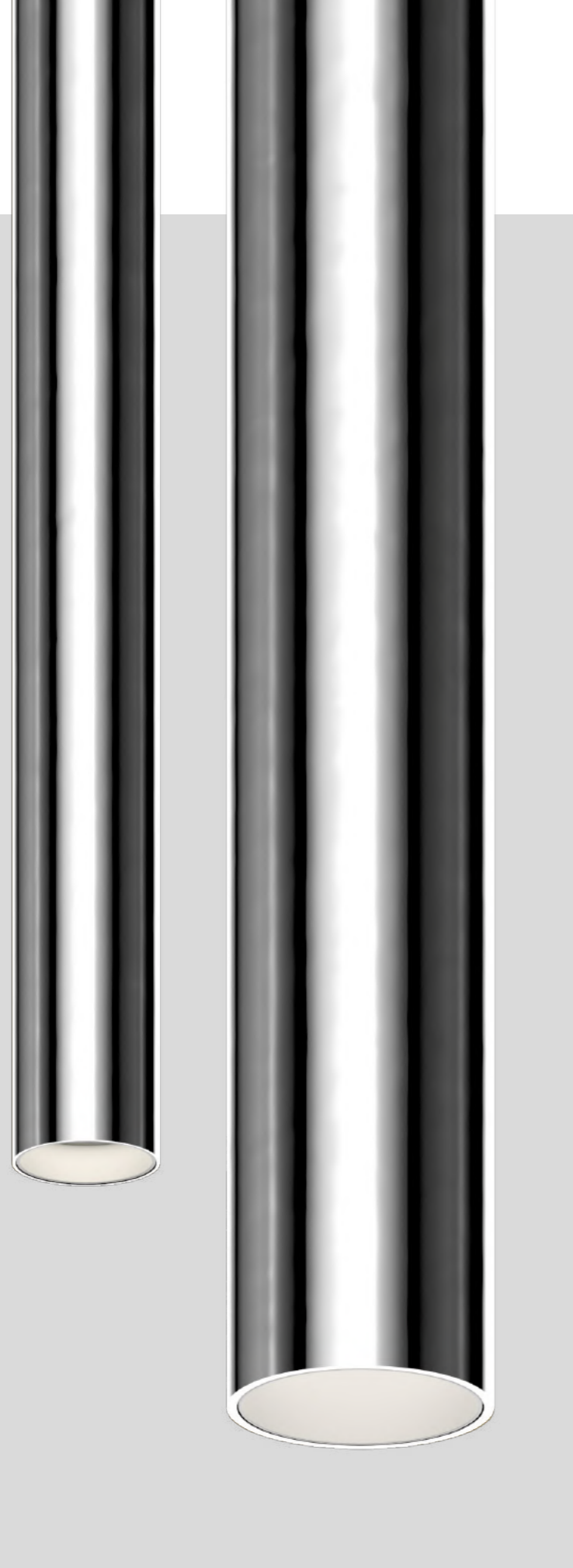


DiiA® standards
251, 252, 253

interchangeable
diffusion sheets360° rotatable
310° tiltableDIM POTI/
rotation lock

LUMINOUS FLUX value calculated for
CRI ≥ 90, colour white, lens spot

Free to arrange



TULA

EN A suspended luminaire that gives more than “just” light. TULA immediately catches the eye with its decorative, slim shape. The luminaire is available in white, black, and chrome, as well as in numerous custom colours. Depending on your interior design, choose between the light colours 2700K, 3000K, or 4000K. The position of the luminaires can be easily changed with additional hooks on the cable and rings on the ceiling, thus TULA always adapts itself to evolving conditions in the space or creates artistic patterns. TULA is also available as a lighting inset for the MOVE IT track system.

IT Un corpo illuminante a sospensione che non è “soltanto” luce. La linea slanciata e decorativa di TULA si fa notare subito. Lo si può scegliere in bianco, nero, cromato o anche in altri colori speciali. Sono disponibili tre lunghezze e altrettante temperature di colore, 2700K, 3000K o 4000K. Il programma comprende anche anelli separati da soffitto per aumentare la libertà compositiva: i corpi illuminanti vengono sospesi con ganci variando posizioni e combinazioni. TULA è disponibile anche come unità luminosa per il sistema di binari elettrificati MOVE IT.

Types



25
nano

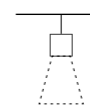
45
micro

Mounting

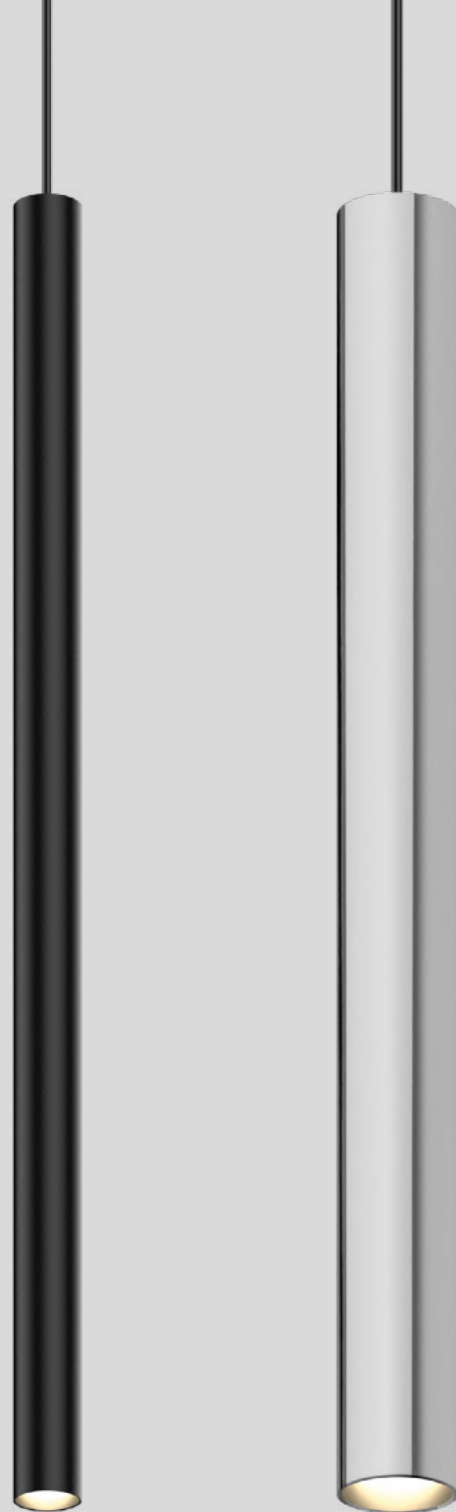


suspended

Light distribution



downlight



TULA

suspended

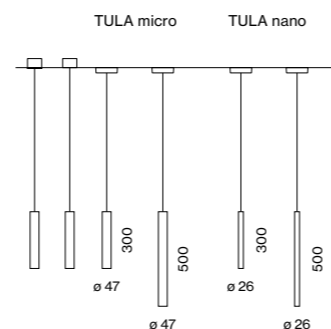
Decorative suspended luminaire in aluminium; surface polished chrome or powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; good glare reduction due to recessed light point plane; incl. high quality lens system; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy, either recessed or surface mounted version; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

Apparecchio a sospensione decorativo in alluminio; superficie lucida cromata, o verniciatura a polvere; sospeso con cavo a sospensione, incl. cavo di alimentazione (nero o bianco); accorciabile a piacere; ottima schermatura con superficie di emissione arretrata; incl. ottica lenticolare di qualità; con tecnologia COB (Chip on Board) o LED high power per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; rosone per cablaggio passante; converter inserito nel rosone, a scelta in variante da incasso o a plafone; anelli di montaggio a soffitto per posizionare la lampada in più punti dell'ambiente disponibili come accessori

Quickinfo

2700 K, 3000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L80 @ 50 000 h
non DIM, DALI-2, Casambi

Types



Colours



Light distributions



Order options

HOUSING HEIGHT	
300 mm	5
500 mm	7

SUSPENSION

cable 1500 mm

COLOUR TEMPERATURE

2700 K	4
3000 K	5

MATERIAL COLOUR

chrome	4
traffic white RAL 9016	7
jet black RAL 9005	8
special colours* p. 992	X

*cable always in white

BEAM ANGLE

medium 25°	M
flood 44°	F

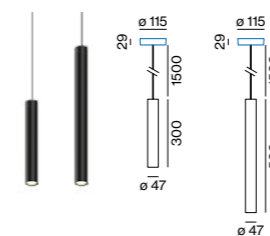
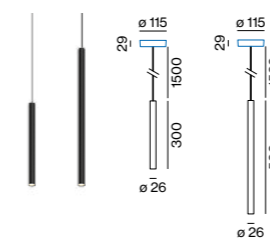
ACCESSORY COLOUR

traffic white RAL 9016	7
jet black RAL 9005	8

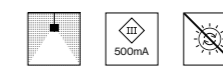
Options on request

COLOUR TEMPERATURE

4000 K



TULA nano suspended



INSET POWER	LUMINOUS FLUX	ORDER CODE
9 W 18 Vf 500 mA	732 lm	0 4 9 - 5 L 1 0 :: 1 ▣ ▲

TULA micro suspended



INSET POWER	LUMINOUS FLUX	ORDER CODE
8.4 W 18 Vf 500 mA	798 lm	0 4 9 - 5 L 1 5 :: 1 ▣ ▲

Mounting accessories

CANOPY CEILING 220-240 V AC, 50-60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1 ▣
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3 ▣
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9 ▣

MOUNTING SET RECESSED WITH TRIM

for installation in ceilings from 2-25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set with trim	77-49	0 0 5 - 3 5 2 1 0 1 ▣

MOUNTING SET RECESSED TRIMLESS

for installation in plasterboard ceilings 9-25 mm

TYPE	Ø-H (mm)	ORDER CODE
mounting set trimless	75-48	0 0 5 - 3 5 1 1 0 1 7

SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting set trimless

RING

TYPE	Ø-H (mm)	ORDER CODE
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1 ▣

HOOK

TYPE	L-W-H (mm)	ORDER CODE
ceiling mounted	18-13-58	0 5 0 - 5 9 0 1 1 1 ▣

Electrical accessories

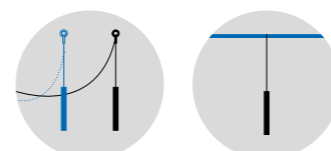
POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10-40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981



free positioning by ring and hook track version available (p. 742)



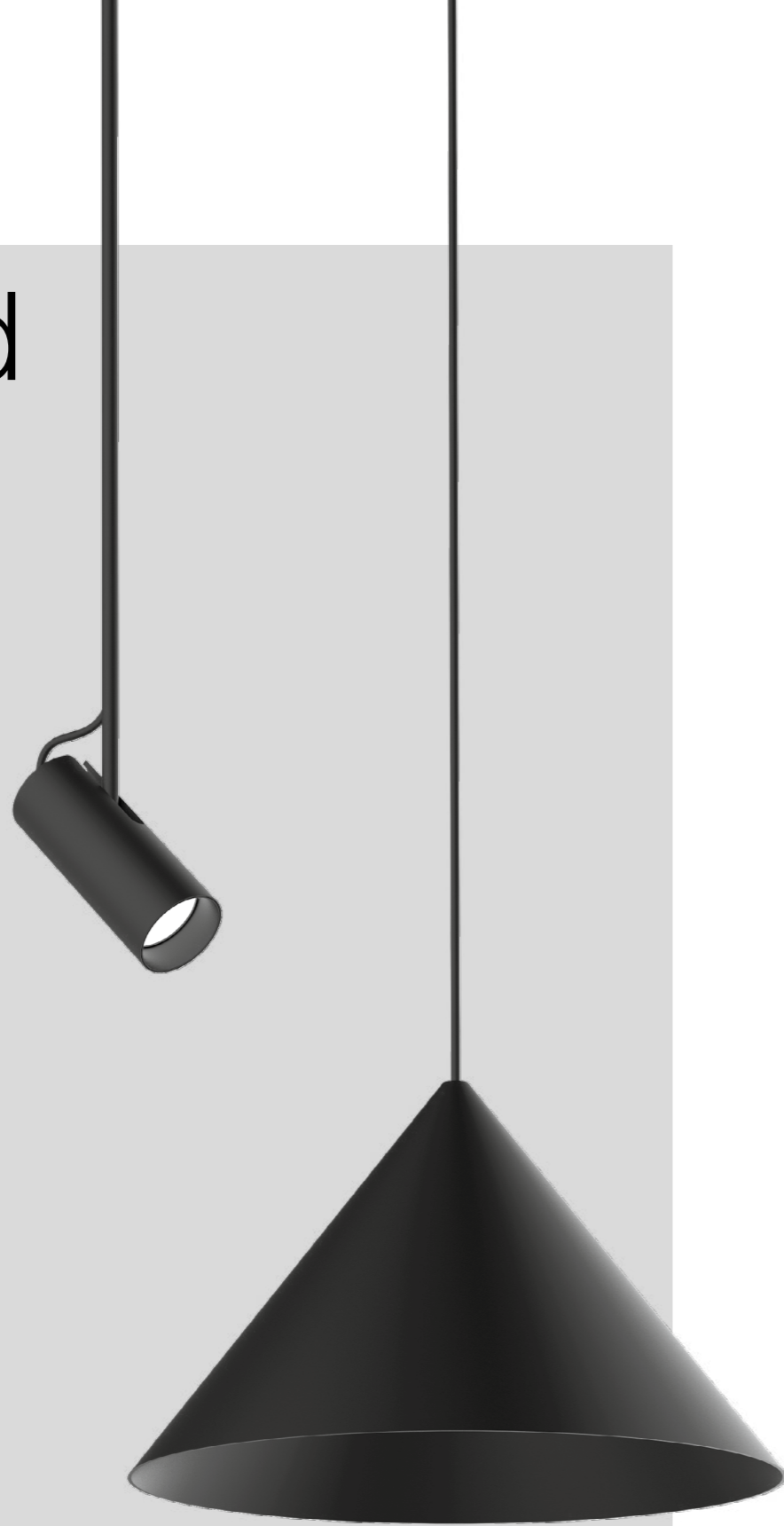
Casino Dusseldorf, DE –
by ttsp hwp seidel Planungsgesellschaft mbH
with lighting design by Licht Kunst Licht AG



Global Timber Århus, DK –
by RAVN architects with lighting
design by Rikke Sølvsteen



Arrange the mood

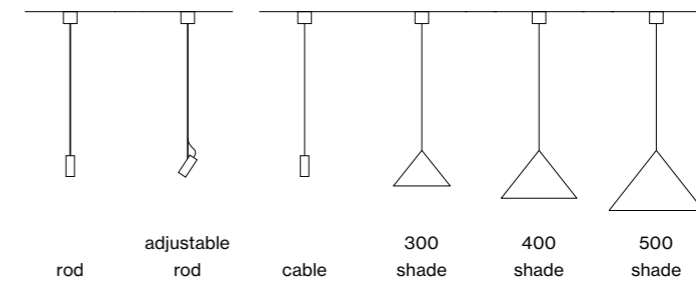


ARY

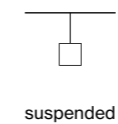
EN ARY simultaneously serves lighting and decor. The suspended spotlight luminaire amazes with various selectable beam characteristics and excellent colour rendering ($CRI \geq 90$). ARY's adjustable rod variant is maximally mobile. The spotlight head can be turned by 320° and tilted by 90° . The cable variant offers a choice of different shades to match the colour and size perfectly to your interior design. Separate ceiling rings create even more design freedom. The lights can be repositioned at will and grouped into exciting arrangements using the hooks. ARY is also available as a light inset for the elegant MOVE IT track system.

IT ARY è un corpo illuminante e allo stesso tempo un elemento decorativo. Questo faretto a sospensione vanta un'eccellente resa cromatica ($CRI \geq 90$) e diverse caratteristiche di emissione. La variante Adjustable-Rod offre il massimo della mobilità: la testata infatti ruota di 320° e si inclina di 90° . La variante con cavo di sospensione dispone di numerosi colori e misure per trovare l'abbinamento perfetto al proprio design. Sono inoltre disponibili anelli singoli da soffitto che aumentano la libertà compositiva: i corpi illuminanti possono essere posizionati e raggruppati a piacimento in armoniche composizioni grazie agli appositi ganci. ARY è disponibile anche come singolo insetto per l'elegante sistema di binari elettrificati MOVE IT.

Types

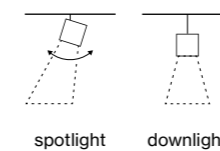


Mounting



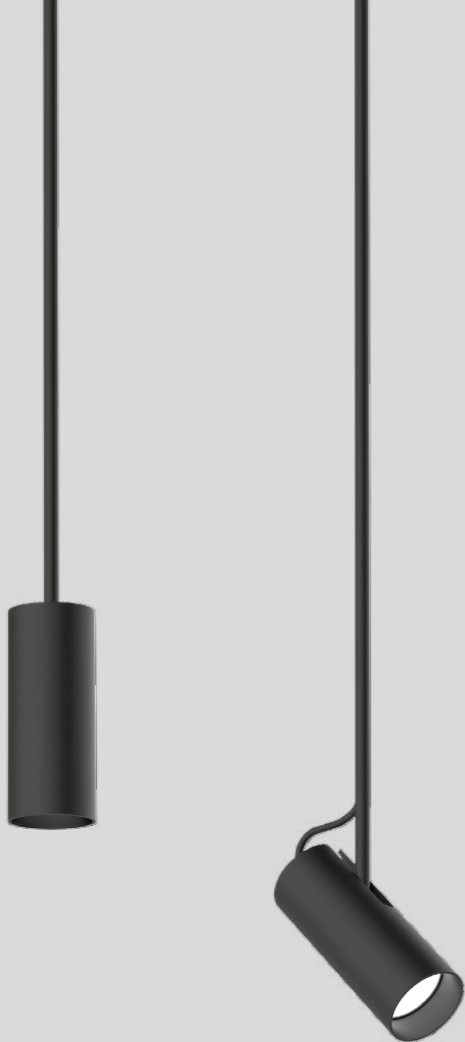
suspended

Light distributions



spotlight

downlight



ARY rod

suspended

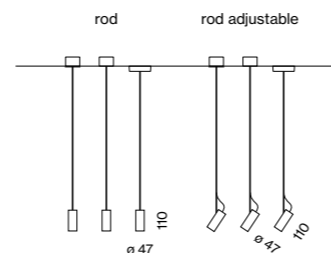
EN Decorative suspended luminaire in aluminium; surface powder coated; height adjustable U-profile pendant rod suspension (black or white), feed in U-profile; spotlight head either fixed or 320° rotatable and 90° tiltable; good glare reduction due to recessed light point plane; incl. high quality lens system; precise radiation characteristics with different beam angles; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

IT Apparecchio a sospensione decorativo in alluminio; verniciatura a polvere; sistema a sospensione ad asta accorciabile con profilo a U (nero o bianco), cavo di alimentazione nel profilo a U; testa del faretto fissa o girevole a 320° e orientabile a 90° a scelta; ottima schermatura con superficie di emissione arretrata; incl. ottica lenticolare di qualità; curva fotometrica precisa con diversi angoli di emissione; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica; rosone per cablaggio passante; convertitore integrato nel rosone; anelli di montaggio a soffitto per posizionare la lampada in più punti dell'ambiente disponibili come accessori

Quickinfo

2700 K, 3000 K, 4000 K
CRI ≥ 90, 3 SDCM
up to 95 lm/W
L90 @ 50 000 h
non DIM, DALI-2, Casambi

Types



Colours



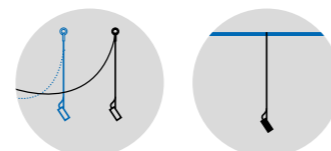
Light distributions



Light distributions



320° rotatable,
90° tiltable



free positioning by ring and hook track version available (p. 734)

Order options

MOUNTING

suspension 1500 mm 1
suspension 2000 mm with hook* 2

*one ring included

COLOUR TEMPERATURE

2700K 4
3000K 5
4000K 6

MATERIAL COLOUR

○ traffic white RAL 9016 7
● jet black RAL 9005 8
● special colours* p. 992 X

*rod always in white

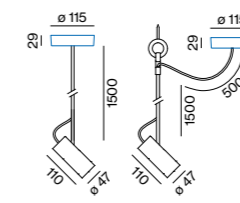
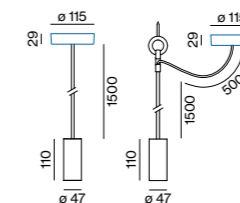
ACCESSORY COLOUR

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

BEAM ANGLE

medium 25° M
flood 44° F

INSET POWER is the current consumption excluding any ballast
LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood 2700 K -5%, 4000 K +5%



ARY rod suspended



DOWNLIGHT

INSET POWER 8.4 W 18 Vf 500 mA **LUMINOUS FLUX** 791 lm **ORDER CODE** 0 4 9 - 5 2 1 :: 1

ARY adjustable rod suspended



SPOTLIGHT ADJUSTABLE

INSET POWER 8.4 W 18 Vf 500 mA **LUMINOUS FLUX** 791 lm **ORDER CODE** 0 4 9 - 5 3 1 :: 1

Mounting accessories



CANOPY CEILING 220–240 V AC, 50–60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 1 1 1
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 1 1 3
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 1 1 9

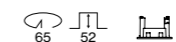
use for suspension with rod



CANOPY CEILING 220–240 V AC, 50–60 Hz, PC I

TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9

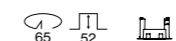
use for suspension with hook



MOUNTING SET WITH TRIM for installation in ceilings from 2–25 mm

TYPE	Ø-H (mm)	ORDER CODE
single luminaire rod	77-49	0 0 5 - 3 5 2 2 0 1
single luminaire cable*	77-49	0 0 5 - 3 5 2 1 0 1

*use for suspension with hook



MOUNTING SET TRIMLESS for installation in plasterboard ceilings 9–25 mm

TYPE	Ø-H (mm)	ORDER CODE
single luminaire rod	75-48	0 0 5 - 3 5 1 2 0 1 7
single luminaire cable*	75-48	0 0 5 - 3 5 1 1 0 1 7

*use for suspension with hook



SPECIAL MOUNTING TOOL

TYPE	Ø-H (mm)	ORDER CODE
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0

necessary to install mounting set trimless



RING

TYPE	Ø-H (mm)	ORDER CODE
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 96 W 48 V 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 × 42 W 48 V DC U _{OUT} 10–40 V	36-88-59	0 0 5 - 6 1 2 1 0 3 0

for more details and components see page 981

Restaurant Le Prestine Antwerp, BE –
by Space Copenhagen
with lighting design by anker & co





Restaurant Vinea Oldenburg, DE –
 by neun grad architektur with lighting design
 by CapitalReal Immobilien GmbH & Co. KG, Dennis Poelmeyer



Unser ^{Wine} Mittagstisch	
Dienstag - Samstag	
Immerbrot / Mostbraten / Brot / Kuchen /	12,50
Suppen	13,50
Sprengel / Apfel-Marmelade / San-Dimitri-Schinken	14,50
Sprengel / Kirschen / Obstsalat / Chausen	14,50
Rotfleisch / Fleisch / Kartoffelsalat /	14,50
Wurstsalat	14,50
Königsberger von Kan / Schinken / Rindfleisch / Ziegen	14,50
Wurst / Schinken / Kartoffelsalat / Gurke /	14,50
Platzwein	22,50



ARY cable

suspended

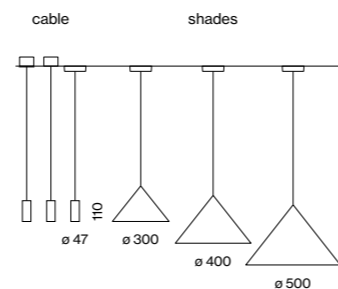
Decorative suspended luminaire in aluminium; surface powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; good glare reduction due to recessed light point plane; high quality lens system; precise radiation characteristics with different beam angles; shades as accessory in RAL colours velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white or signal black; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory

Apparecchio a sospensione decorativo in alluminio; verniciatura a polvere; sospeso con cavo a sospensione, incl. cavo di alimentazione (nero o bianco); accorciabile a piacere; ottima schermatura con superficie di emissione arretrata; ottica lenticolare di qualità; curva fotometrica precisa con diversi angoli di emissione; paralumi come accessorio nei colori RAL velvet beige, madeira brown, kingfisher grey, woodpecker olive, signal white o signal black; tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED efficienti con alta resa cromatica; rosone per cablaggio passante; convertitore integrato nel rosone; anelli di montaggio a soffitto per posizionare la lampada in più punti dell'ambiente disponibili come accessori

Quickinfo

2700 K, 3000 K, 4000 K
 CRI ≥ 90, 3 SDCM
 up to 95 lm/W
 L90 @ 50 000 h
 non DIM, DALI-2, Casambi

Types



Colours



Light distributions



Order options

MOUNTING	
suspension 1500 mm	1
suspension 2000 mm with hook*	2

*one ring included

COLOUR TEMPERATURE	
2700 K	4
3000 K	5
4000 K	6

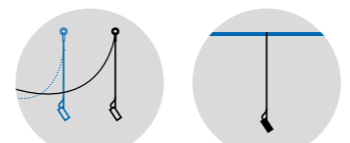
MATERIAL COLOUR	
○ traffic white RAL 9016	7
● jet black RAL 9005	8
● special colours* p. 992	X

*cable always in white

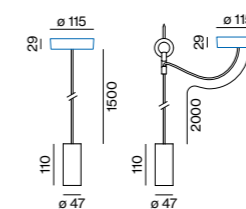
SHADE COLOUR	
● velvet beige RAL 085 80 10	C
● madeira brown RAL 050 40 40	T
● kingfisher grey RAL 230 60 10	L
● woodpecker olive RAL 10 50 20	G
○ signal white RAL 9003	W
● signal black RAL 9004	B

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

BEAM ANGLE	
medium 25°	M
flood 44°	F



free positioning by ring and hook track version available (p. 736)



ARY cable suspended



DOWNLIGHT			
INSET POWER	LUMINOUS FLUX	ORDER CODE	
8.4 W 18 Vf 500 mA	791 lm	0 4 9 - 5 1 1 1 1 1 1 1	▲

Optical accessories

SHADE			
TYPE	Ø-H (mm)	ORDER CODE	
cone 300	300-188	0 4 9 - 5 9 3 3 1 1 1	▲
cone 400	400-253	0 4 9 - 5 9 3 4 1 1 1	▲
cone 500	500-318	0 4 9 - 5 9 3 5 1 1 1	▲

Mounting accessories

CANOPY CEILING 220-240 V AC, 50-60 Hz, PC I			
TYPE	EFFICIENCY	Ø-H (mm)	ORDER CODE
500 mA non DIM	η 79 %	115-29	0 0 5 - 2 6 0 2 1 1 1
500 mA DALI-2	η 81 %	115-29	0 0 5 - 2 6 0 2 1 3 1
500 mA Casambi	η 80 %	115-29	0 0 5 - 2 6 0 2 1 9 1

MOUNTING SET RECESSED WITH TRIM			
for installation in ceilings from 2-25 mm			
TYPE	Ø-H (mm)	ORDER CODE	
mounting set with trim	77-49	0 0 5 - 3 5 2 1 0 1 1	▲

MOUNTING SET RECESSED TRIMLESS			
for installation in plasterboard ceilings 9-25 mm			
TYPE	Ø-H (mm)	ORDER CODE	
mounting set trimless	75-48	0 0 5 - 3 5 1 1 0 1 7	▲

SPECIAL MOUNTING TOOL			
TYPE	Ø-H (mm)	ORDER CODE	
special mounting tool	100-9	0 6 3 - 8 9 1 2 1 1 0	▲

necessary to install mounting set trimless

RING			
TYPE	Ø-H (mm)	ORDER CODE	
ceiling mounted	50-88	0 5 0 - 0 5 1 0 2 1 1	▲

Electrical accessories

POWER SUPPLY 220-240 V AC, 50-60 Hz, PC II			
TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
500 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 3 2
500 mA DALI-2	η 82 %	147-33-23	0 0 2 - 9 0 7 3 3

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

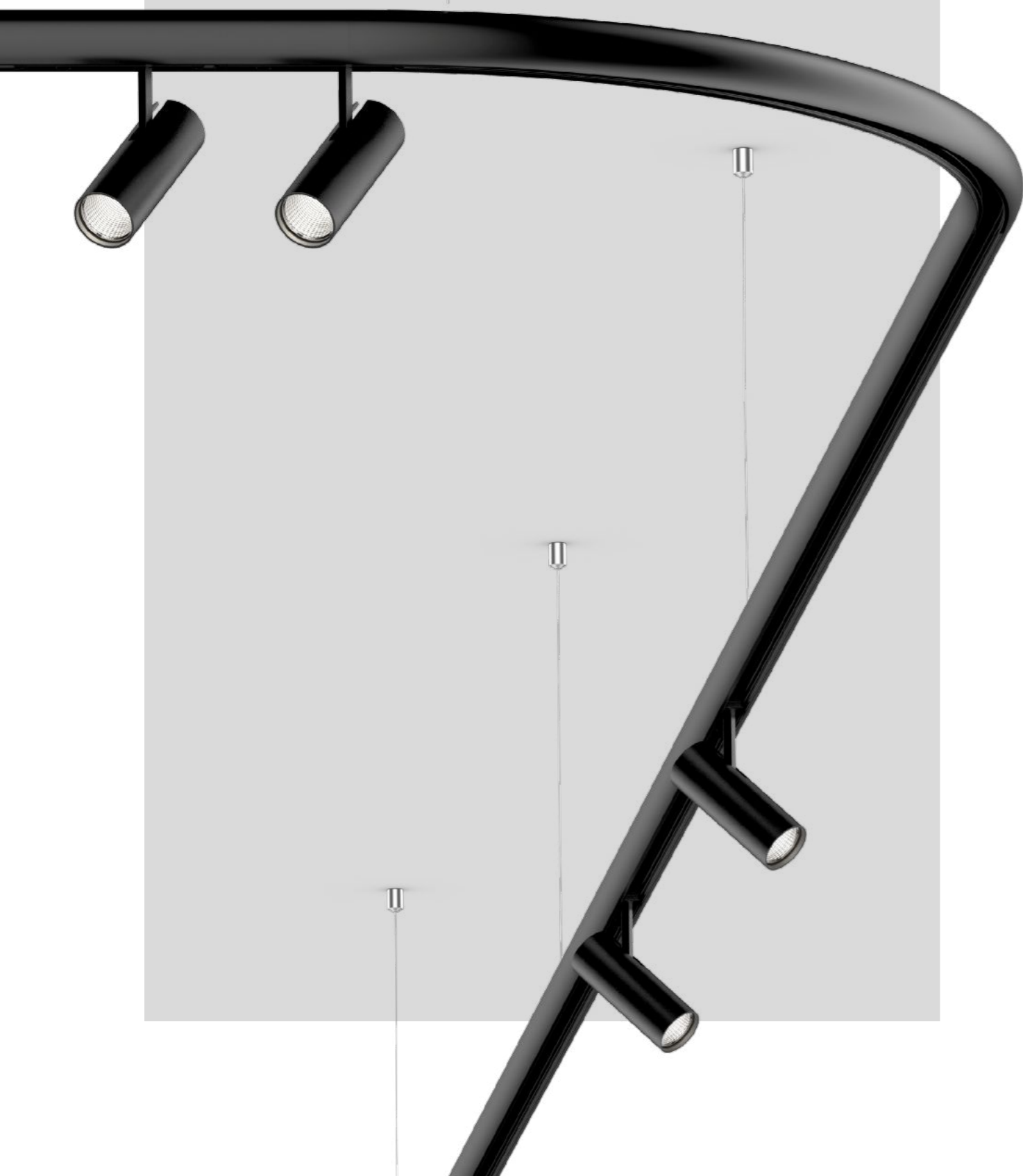
for more details and components see page 981

INSET POWER is the current consumption excluding any ballast
 LUMINOUS FLUX value calculated for 3000 K, CRI ≥ 90, colour white, lens flood 2700 K -5%, 4000 K +5%

Colliers Real-estate Copenhagen, DK –
by Architect Helle Nøhr with lighting
design by anker & co



Get on track



TRACK 3-phase

EN A particularly elegant and versatile track system. The three-phase track is available in square, round, or H-shaped profile form. The surface-mounted and suspended versions deliver further design freedom when combined with curved and corner connectors. The suspended H-profile enables exciting ceiling accentuation through optional light insets on the top of the profile. In many variants, the adapter disappears entirely in the profile and supports the reduced look. The high-quality appearance is enhanced by choosing between the colours white, grey, and black.

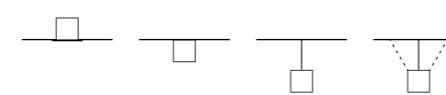
IT Un sistema a binari elettrificati particolarmente elegante e versatile. Il binario trifase è disponibile con un profilo di sezione quadrata, tonda oppure a forma di H. L'installazione a plafone o a sospensione dona ulteriore libertà compositiva, consentendo l'unione di elementi con giunti angolari o curvi. Il profilo ad H a sospensione permette di aggiungere unità luminose sul lato superiore creando così originali accenti sul soffitto. In molti modelli l'adattatore sparisce interamente nel profilo esaltando l'ottica minimalista. L'aspetto pregiato è valorizzato anche dalla scelta di colori: bianco, grigio e nero.

Types



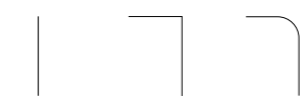
30x40 45 30x80

Mountings



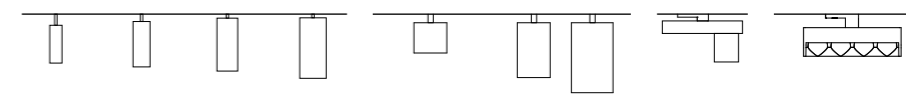
recessed surface suspended indirect
suspended

Configurations



linear corner curve

Compatible spotlights

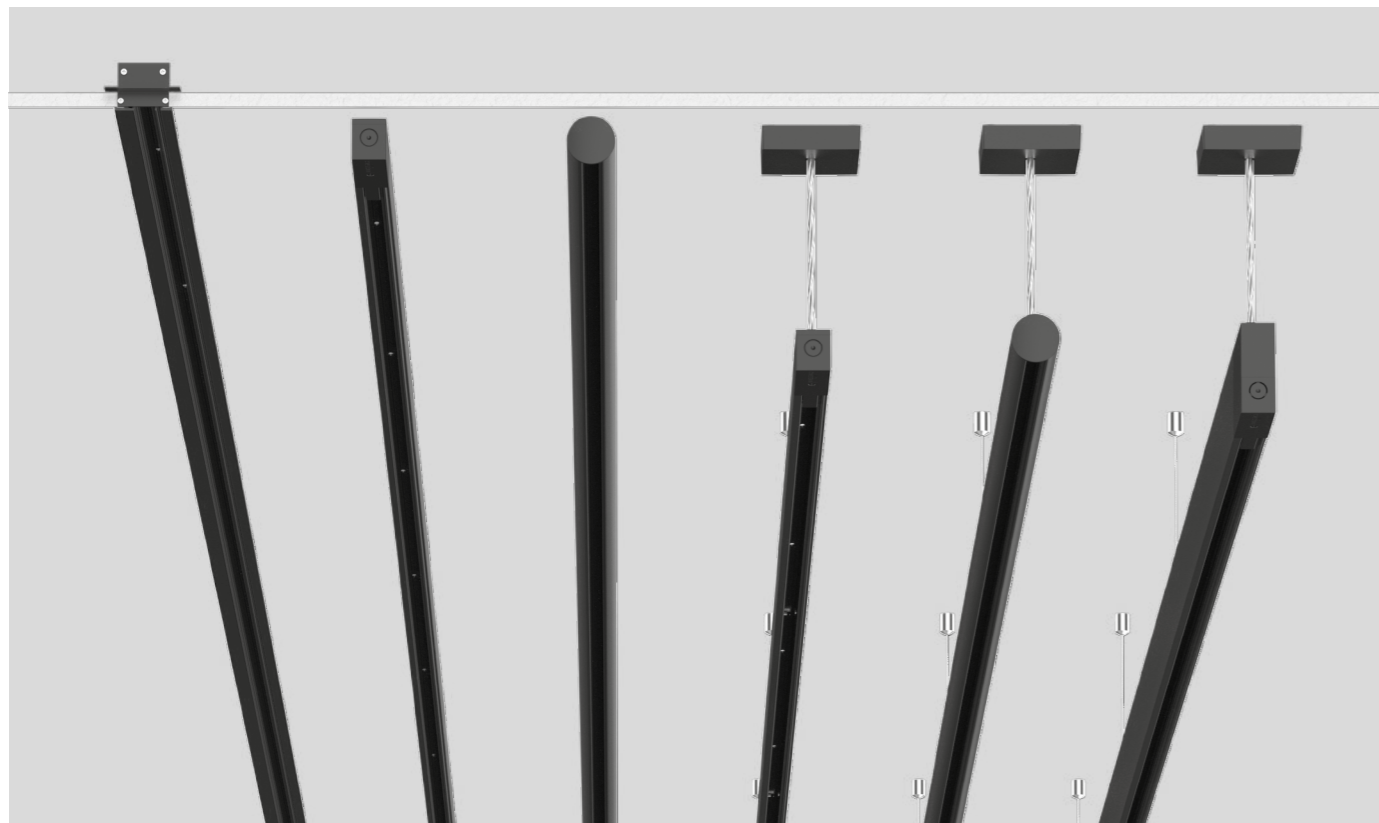


BO 32 BO 45 BO 55 BO 70 VARO 80 S VARO 80/110 PABLO SQUADRO

Mounting options

EN The three-phase tracks are available as recessed, surface-mounted, and suspended versions.

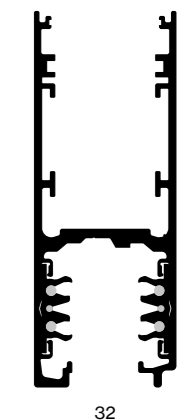
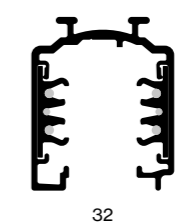
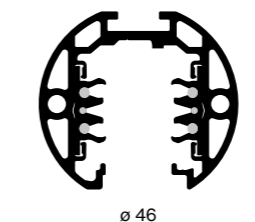
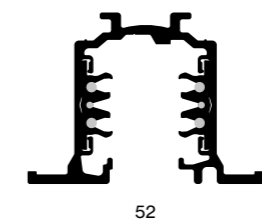
IT I binari elettrificati trifase sono disponibili per montaggio a plafone, incasso e sospensione.



Track variety

EN Available in round, square, and H-shape, the profile offers custom application options. Concealing the adapter in the profile creates a visually calm ceiling image. This concealment is available in the surface-mounted and suspended variants, in both the round and square forms. The unique feature of the suspended H-profile is that it can create indirect light by mounting, without tools, lighting insets on the top.

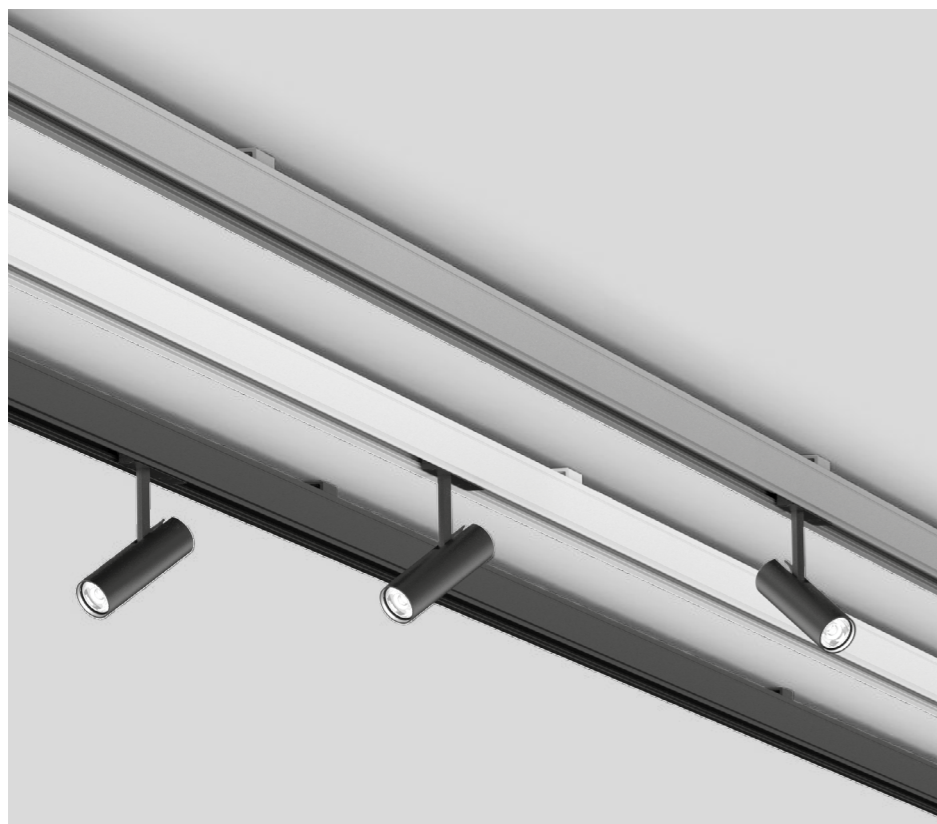
IT Disponibile in forma tonda, quadrata e ad H, il profilo permette di personalizzare l'applicazione con numerose opzioni. Nelle versioni a plafone e a sospensione, con forma tonda e quadrata, l'adattatore è nascosto nel profilo donando al contesto un'immagine rilassante. Il profilo ad H ha invece una particolarità: gli inserti si possono montare anche sul lato superiore, senza bisogno di alcun attrezzo, in modo da proiettare luce indiretta.



Curve and corner elements

EN Additional creative design options are opened when combined with curve and corner elements. The lighting system can thus be adapted to the different contours of the respective architecture.

IT L'impianto si compone con ulteriore creatività ricorrendo a giunti ricurvi e ad angolo che permettono di adattare l'illuminazione alle peculiarità architettoniche del progetto.



Colour variety

EN Tracks are available in different standard colours: white, grey, and black.

IT I binari elettrificati sono disponibili in vari colori standard: bianco, grigio e nero.



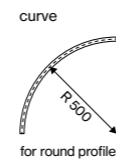
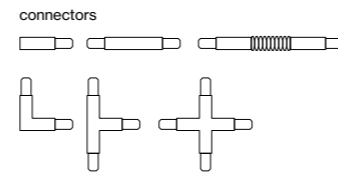
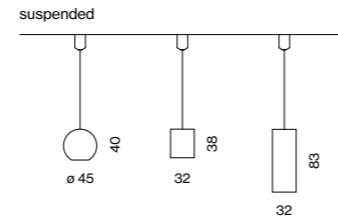
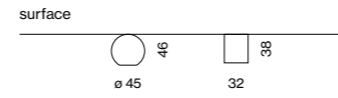
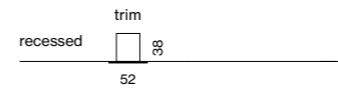
← back



TRACK 3-phase

recessed / surface / suspended

Types



Colours



← back

TRACK recessed

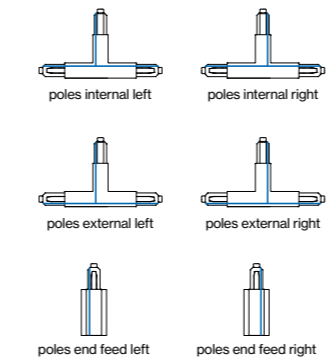
Order options

CONTROL
 non DIM
 DALI-2

MATERIAL COLOUR

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

Pole options



curve connector



optimised adapter integration

TRACK 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
2000	186-012213
3000	186-012313
4000	186-012413

end cap 186-022011

end feed left 186-022313
 end feed right 186-022413
 middle feed 186-021323

CONNECTORS 240V-16A

TYPE **ORDER CODE**
 linear connector 186-021113

I-connector 186-022123

L-connector right 186-022133
 L-connector left 186-022233

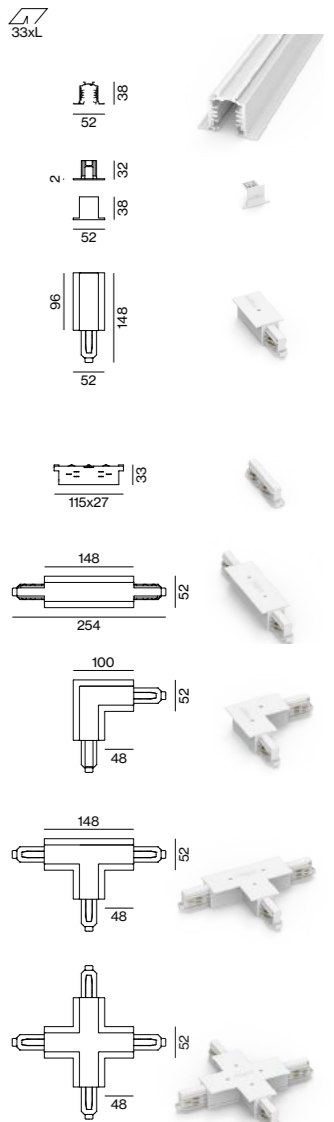
T-connector right (poles internal) 186-022143
 T-connector left (poles internal) 186-022243
 T-connector right (poles external) 186-022173
 T-connector left (poles external) 186-022273

X-connector 186-022153

MOUNTING ACCESSORIES

TYPE **ORDER CODE**
 clip 186-0225110

cutting tool 186-0219110



← back

TRACK

surface/suspended

Order options

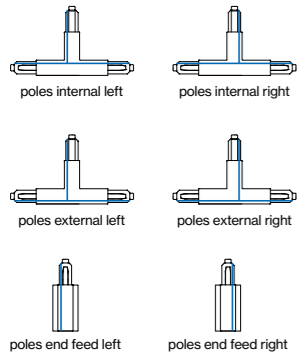
CONTROL

non DIM
DALI-2

MATERIAL COLOUR

- pure white RAL 9010 7
- white aluminium RAL 9006 6
- jet black RAL 9005 8

Pole options



TRACK 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-011123
2000	186-011223
3000	186-011323
4000	186-011423

end cap 186-021011

end feed left 186-021313
end feed right 186-021413
middle feed* 186-021323

*only available in white and black

CONNECTORS 240V-16A

TYPE ORDER CODE
linear connector 186-021113

I-connector 186-021123

L-connector right 186-021133
L-connector left 186-021233

T-connector right (poles internal) 186-021143
T-connector left (poles internal) 186-021243
T-connector right (poles external) 186-021173
T-connector left (poles external) 186-021273

X-connector 186-021153

adjustable corner connector 186-021163

MOUNTING ACCESSORIES

TYPE ORDER CODE
ceiling clip 186-021511

pendant clip cable 186-021521
pendant clip rod 186-021541

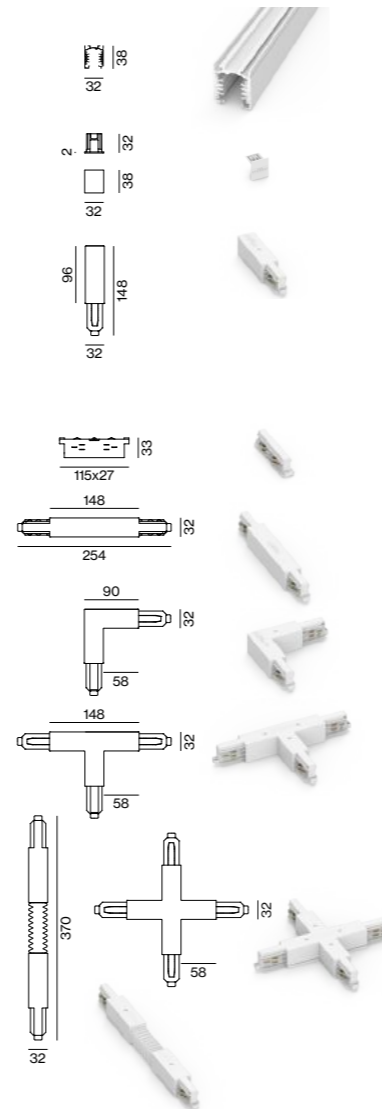
joiner piece cable 186-021531
joiner piece rod 186-021551

cutting tool 186-0219110

SUSPENSION KIT

TYPE ORDER CODE
pendant 1000 186-021611

cable 1500 186-0217110
cable 3000 186-0217210
cable 6200 186-0217310



← back

TRACK high

surface/suspended

Order options

CONTROL

non DIM
DALI-2

MATERIAL COLOUR

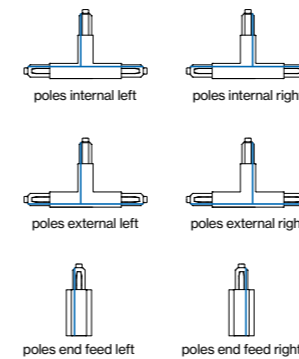
- pure white RAL 9010 7
- jet black RAL 9005 8

Options on request

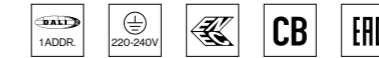
LIGHT OPTIC COVER

inset indirect

Pole options



TRACK high 3-phase/3-phase + DALI-2-bus



TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-016113
2000	186-016213
3000	186-016313
4000	186-016413

end cap 186-026011

end feed left 186-026313
end feed right 186-026413
middle feed 186-021323

CONNECTORS 240V-16A

TYPE ORDER CODE
linear connector 186-026113

I-connector 186-026123

L-connector right 186-026133
L-connector left 186-026233

T-connector right (poles internal) 186-026143
T-connector left (poles internal) 186-026243
T-connector right (poles external) 186-026173
T-connector left (poles external) 186-026273

X-connector 186-026153

MOUNTING ACCESSORIES

TYPE ORDER CODE
pendant clip cable 186-0265210
pendant sheet metal clip 186-0215220
pendant clip rod 186-0265410

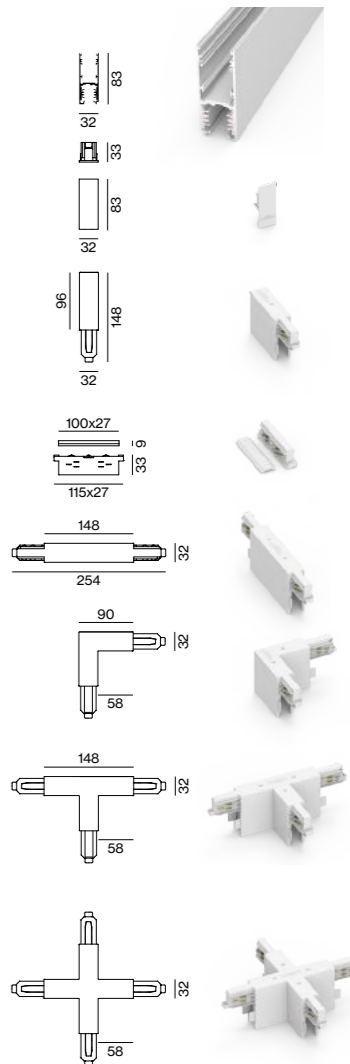
joiner piece cable 186-0265310
joiner piece rod 186-0265510

cutting tool 186-0219110

SUSPENSION KIT

TYPE ORDER CODE
pendant 1000 186-021611

cable 1500 186-0217110
cable 3000 186-0217210
cable 6200 186-0217310



[← back](#)

TRACK round surface/suspended

Order options

CONTROL

non DIM

DALI-2

MATERIAL COLOUR

- pure white RAL 9010 7
- jet black RAL 9005 8

Options on request

CONNECTOR

T-connector

X-connector

MATERIAL COLOUR

- gold dust RAL 260-M

TRACK round 3-phase/3-phase + DALI-2-bus



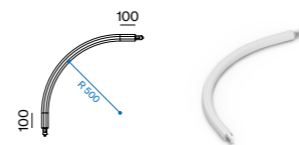
TRACK 240V-16A

L (mm)	ORDER CODE
1000	186-015113
2000	186-015213
3000	186-015313
4000	186-015413



TRACK CURVE 240V-16A

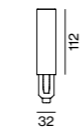
TYPE	ORDER CODE
R 500 90° left	186-015853
R 500 90° right	186-015863



end cap	186-025011
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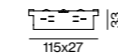


end feed left	186-025313
end feed right	186-025413
middle feed	186-021323

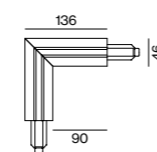


CONNECTORS 240V-16A

TYPE	ORDER CODE
linear connector	186-021113



L-connector right	186-025133
L-connector left	186-025233



MOUNTING ACCESSORIES

TYPE	ORDER CODE
pendant clip cable	186-025521
pendant clip rod	186-025541

joiner piece cable	186-025531
joiner piece rod	186-025551

cutting tool	186-0219110
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SUSPENSION KIT

TYPE	ORDER CODE
pendant 1000	186-021611

cable 1500	186-0217110
cable 3000	186-0217210
cable 6200	186-0217310

