Types

trimless

75
40

620

1220

1820

2420

Colour

Light distributions

direct   asym.

Description

EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with perforations for better adhesion of filler; suitable for ceiling thickness of 8–20 mm; surface raw; luminaire profile with pre-assembled converter unit can be pre-mounted; light inset can be installed without tools; HPO (High Performance Opal) cover for uniform illumination; or micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; or with specially computed, asymmetrical lens for homogeneous vertical lighting intensity; energy-efficient LEDs with very good colour rendering; binning initial ≤3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 90 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable or DALI-2 control

ES Cuerpo de lámpara de perfil extrusionado de aluminio; apropiada para montaje sin marco en techos de yeso; formación especial de borde con orificios para una mejor adherencia de la masilla; apropiada para grosores de techo entre 8-20 mm; superficie sin tratar; perfil de luminaria con convertidor premontado está premontable; elemento de luz para montaje sin herramientas; difusor opal de alta calidad que proporciona una iluminación uniforme; o cubierta microprismática de PMMA con lámina difusora para la reducción de iluminancia y un alumbrado homogéneo; o con lente especialmente calculada, asimétrica para intensidades de iluminación verticales homogéneas; LEDS de alta eficiencia que proporcionan una alta reproducción cromática; binning inicial ≤3 MacAdam; disponible en 3000 K y 4000 K; CRI ≥ 80; mín. 90 % de flujo luminoso después de 50.000 horas de vida útil; protección IP 20; CP I; seguridad fotobiológica según IEC 62471 grupo de riesgo 0; opcional no atenuable o control con DALI-2
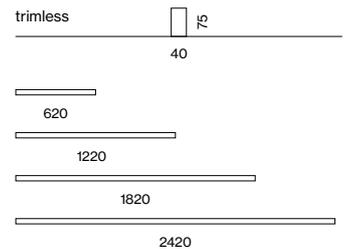
BASO 40
recessed trimless

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

aluminium raw

LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
asymmetric lens (wallwasher)	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

BASO 40 trimless

48xL-11 40 75 76 L
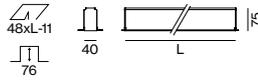
OPAL HIGH PERFORMANCE / MICROPRISMATIC

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000 K	1330 lm	620	0 4 5 - 0 7 2 2 :: ⇕ 0 □
	4000 K	1400 lm		
27 W	3000 K	2650 lm	1220	0 4 5 - 0 7 2 4 :: ⇕ 0 □
	4000 K	2810 lm		
41 W	3000 K	3980 lm	1820	0 4 5 - 0 7 2 6 :: ⇕ 0 □
	4000 K	4210 lm		
55 W	3000 K	5310 lm	2420	0 4 5 - 0 7 2 8 :: ⇕ 0 □
	4000 K	5620 lm		

luminous flux opal high performance, -8 % by microprismatic cover

BASO 40 trimless

48xL-11 40 75 76 L

WALLWASHER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14 W	3000 K	1720 lm	620	0 4 5 - 0 7 2 2 :: ⇕ 0 A
	4000 K	1820 lm		
27 W	3000 K	3430 lm	1220	0 4 5 - 0 7 2 4 :: ⇕ 0 A
	4000 K	3630 lm		
41 W	3000 K	5150 lm	1820	0 4 5 - 0 7 2 6 :: ⇕ 0 A
	4000 K	5450 lm		
54 W	3000 K	6870 lm	2420	0 4 5 - 0 7 2 8 :: ⇕ 0 A
	4000 K	7270 lm		

Technical data
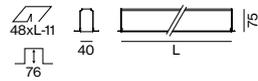
BASO 40 trimless, wallwasher, 27 W, 3000 K
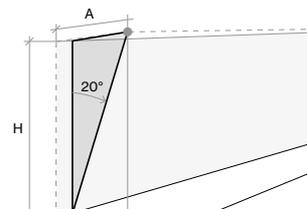
ROOM VALUES			CALCULATION SURFACE	
Wall dimensions	H = 2.8 m | W = 10.8 m		Surface dimensions	10.8 × 2.8 m
Distance to wall	B = 1.3 m		Surface height	0 – 2.8 m
Distance between luminaires	A = 0.5 m			
Reflection factor	0.7 | 0.5 | 0.2		Eye level 👁	1.35 m – 1.75 m
Maintenance factor	0.8			

MOUNTING DISTANCE

H (mm)	A (mm)
2750	900
3000	1000
3500	1200

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W·H (mm)	ORDER CODE
605	55·86	0 4 5 - 0 7 9 2 0 1 0
1205	55·86	0 4 5 - 0 7 9 4 0 1 0
1805	55·86	0 4 5 - 0 7 9 6 0 1 0
2405	55·86	0 4 5 - 0 7 9 8 0 1 0

no use for wall installation (only on request)

LIGHT DISTRIBUTION

opal high performance

direct

asymmetric

direct

Types

trimless   75
          40

620
1220
1820
2420

Colour

Light distributions

direct

Description

EN Luminaire housing made of extruded aluminium; for trimless installation in plasterboard ceilings; special edge design with perforations for better adhesion of filler; suitable for ceiling thickness of 8–20 mm; surface raw; luminaire profile with pre-assembled converter unit can be pre-mounted; light inset can be installed without tools; light inset made from extruded profile for improved thermal management; high-quality, chromed reflector with faceted design; workplace light suitable for VDUs according to DIN EN 12464-1 (UGR ≤ 19); energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; CRI ≥ 80; min. 90 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; optionally non-dimmable or DALI-2 control

ES Cuerpo de lámpara de perfil extrusionado de aluminio; apropiada para montaje sin marco en techos de yeso; formación especial de borde con orificios para una mejor adherencia de la masilla; apropiada para grosores de techo entre 8-20 mm; superficie sin tratar; perfil de luminaria con convertidor premontado está premontable; elemento de luz para montaje sin herramientas; inserto luminoso de perfil extruido para una mejor gestión del calor; reflector de alta calidad cromado con facetas esféricas; iluminación del área de trabajo aprobada según la normativa DIN EN 12464-1 (UGR ≤ 19); LEDS de alta eficiencia que proporcionan una alta reproducción cromática; binning inicial ≤ 3 MacAdam; disponible en 3000 K y 4000 K; CRI ≥ 80; mín. 90 % de flujo luminoso después de 50.000 horas de vida útil; protección IP 20; CP I; opcional no atenuable o control con DALI-2
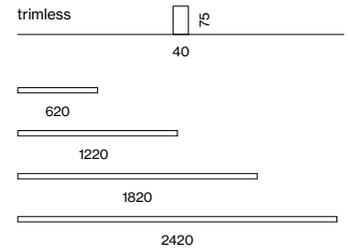
BASO 40 reflector
recessed trimless

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

aluminium raw
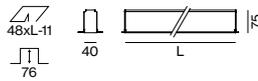
LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

### COLOUR RENDERING INDEX

CRI ≥ 90

BASO 40 trimless

	UGR ≤19	cd/m² ≤1500	DALI 1 ADDR.	220-240V

48xL-11 · 76 · 40 · 75 · L
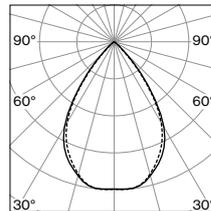
REFLECTOR
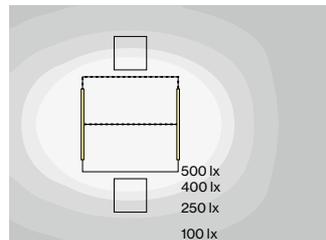
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20 W	3000 K	2060 lm	620	0 4 5 - 0 7 2 2 :: ⇕ 0 R
	4000 K	2180 lm		
40 W	3000 K	4120 lm	1220	0 4 5 - 0 7 2 4 :: ⇕ 0 R
	4000 K	4370 lm		
61 W	3000 K	6190 lm	1820	0 4 5 - 0 7 2 6 :: ⇕ 0 R
	4000 K	6550 lm		
81 W	3000 K	8250 lm	2420	0 4 5 - 0 7 2 8 :: ⇕ 0 R
	4000 K	8730 lm		

LIGHT DISTRIBUTION

reflector (UGR ≤ 19)

Technical data

BASO 40 reflector, 40 W, 4000 K

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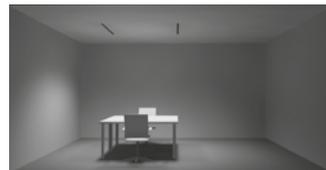
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7	0.5	0.2
Maintenance factor	0.8

CALCULATION SURFACE ······

Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

GLARE EVALUATION

Table Classification X=4H | Y=8H | S=0.25H

UGR transversal	< 19
UGR axial	< 19
≥ 65° ≤ 1500 cd/m²	

500 lx · 400 lx · 250 lx · 100 lx

Mounting accessories

CONCRETE INSTALLATION HOUSING

L (mm)	W·H (mm)	ORDER CODE
660	56·86	0 4 5 - 0 7 9 2 0 1 0
1260	56·86	0 4 5 - 0 7 9 4 0 1 0
1860	56·86	0 4 5 - 0 7 9 6 0 1 0
2460	56·86	0 4 5 - 0 7 9 8 0 1 0

no use for wall installation (only on request)