



Description

^{EN} Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8–20 mm; surface white powder coated; 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 3000K and 4000K; CRI ≥ 80 ; min. 90% of the luminous flux after 50 000 hours; degree of protection IP20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable or DALI-2 control

^{FR} Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-20 mm ; surface blanc peint à la poudre ; profilé de luminaire avec convertisseur pré-montée et pouvant être montée à l'avance ; élément lumineux à monter sans outil ; cache HPO (High Performance Opal) pour éclairage homogène ; ou cache PMMA microprismatique, avec film diffusant inclus pour réduire la brillance avec un éclairage homogène ; ou avec lentille asymétrique, spécialement calculée pour intensités d'éclairage vertical homogènes ; LED économes en énergie à restitution de couleur élevée ; binning initial ≤ 3 MacAdam ; livrable dans les couleurs de lumière 3000K et 4000K ; CRI ≥ 80 ; min. 90% du flux lumineux au bout de 50 000 h de durée de vie ; genre protection IP20 ; CP I ; sécurité photobiologique selon la norme IEC 62471 groupe de risque 0 ; en option non gradable ou commande via DALI-2

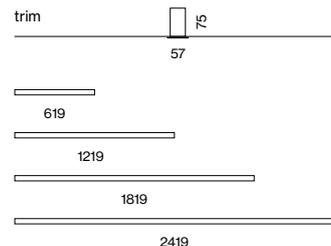
BASO 40

recessed with trim

Quickinfo

3000 K, 4000 K
CRI ≥ 80
L90 @ 50 000h
up to 7270 lm
non DIM, DALI-2
opal, microprismatic,
asymmetric lens (wallwasher)

Types



Colour



Light distributions



direct asym.

Order options

COLOUR TEMPERATURE	☐☐
3000K	5
4000K	6

CONTROL	⬆️⬆️
non DIM	1
DALI-2	3

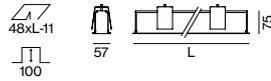
MATERIAL COLOUR
white



LIGHT OPTIC COVER	☐
opal high performance	H
microprismatic	Z
asymmetric lens (wallwasher)	

Options on request

COLOUR RENDERING INDEX
CRI ≥ 90



BASO 40 trim



OPAL HIGH PERFORMANCE / MICROPRISMATIC

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14W	3000K	1330lm	619	0 4 5 - 0 5 2 2 ☐☐ 7 ☐
	4000K	1400lm		
27W	3000K	2650lm	1219	0 4 5 - 0 5 2 4 ☐☐ 7 ☐
	4000K	2810lm		
41W	3000K	3980lm	1819	0 4 5 - 0 5 2 6 ☐☐ 7 ☐
	4000K	4210lm		
55W	3000K	5310lm	2419	0 4 5 - 0 5 2 8 ☐☐ 7 ☐
	4000K	5620lm		

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



BASO 40 trim



WALLWASHER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14W	3000K	1720lm	619	0 4 5 - 0 5 2 2 ☐☐ 7 A
	4000K	1820lm		
27W	3000K	3430lm	1219	0 4 5 - 0 5 2 4 ☐☐ 7 A
	4000K	3630lm		
41W	3000K	5150lm	1819	0 4 5 - 0 5 2 6 ☐☐ 7 A
	4000K	5450lm		
54W	3000K	6870lm	2419	0 4 5 - 0 5 2 8 ☐☐ 7 A
	4000K	7270lm		

Technical data

BASO 40 trim, wallwasher, 27W, 3000K

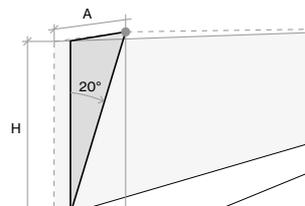


ROOM VALUES

Wall dimensions	H = 2.8m W = 10.8m
Distance to wall	B = 1.3m
Distance between luminaires	A = 0.5m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

CALCULATION SURFACE

Surface dimensions	10.8 × 2.8m
Surface height	0 – 2.8m
Eye level	1.35m – 1.75m

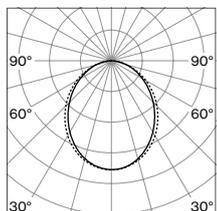


MOUNTING DISTANCE

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

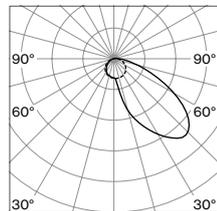
LIGHT DISTRIBUTION

opal high performance



direct

asymmetric



direct



Mounting accessories

CONCRETE INSTALLATION HOUSING

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

no use for wall installation (only on request)



Description

EN Luminaire housing made of extruded aluminium; recessed luminaire with trim; suitable for ceiling thickness of 8–20 mm; surface white powder coated; 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 ($UGR \leq 19$); energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000 K and 4000 K; $CRI \geq 80$; min. 90 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; optionally non-dimmable or DALI-2 control

FR Corps de luminaire en profil extrudé en aluminium ; luminaire encastré avec bord continu ; convient aux épaisseurs de plafond de 8-20 mm ; surface blanc peint à la poudre ; profilé de luminaire avec convertisseur prémontée et pouvant être montée à l'avance ; élément lumineux à monter sans outil ; insert lumineux en profil extrudé pour une meilleure gestion de la température ; réflecteur chromé de grande qualité avec optique facette ; luminaire de lieu de travail compatible écrans selon la DIN EN 12464-1 ($UGR \leq 19$) ; LED économes en énergie à restitution de couleur élevée ; binning initial ≤ 3 MacAdam ; livrable dans les couleurs de lumière 3000 K et 4000 K ; $CRI \geq 80$; min. 90 % du flux lumineux au bout de 50 000 h de durée de vie ; genre protection IP 20 ; CP I ; en option non gradable ou commande via DALI-2

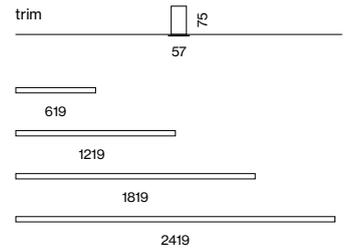
BASO 40 reflector

recessed with trim

Quickinfo

3000 K, 4000 K
 $CRI \geq 80$
 L90 @ 50 000 h
 $UGR \leq 19 / 65^\circ \leq 1500 \text{ cd/m}^2$
 up to 8730 lm
 non DIM, DALI-2
 reflector ($UGR \leq 19$)

Types



Colour



Light distributions



Order options

COLOUR TEMPERATURE	☼☼
3000K	5
4000K	6

CONTROL	⬆️⬆️
non DIM	1
DALI-2	3

MATERIAL COLOUR	
white	



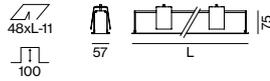
LIGHT OPTIC COVER	
reflector (UGR ≤ 19)	

Options on request

COLOUR RENDERING INDEX	
CRI ≥ 90	



BASO 40 trim

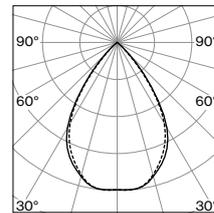


REFLECTOR

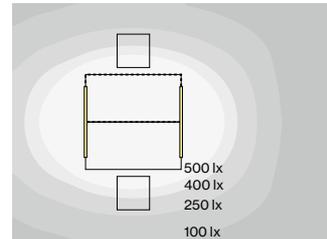
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20W	3000K	2060lm	619	0 4 5 - 0 5 2 2 ☼☼ ⚡ 7 R
	4000K	2180lm		
40W	3000K	4120lm	1219	0 4 5 - 0 5 2 4 ☼☼ ⚡ 7 R
	4000K	4370lm		
61W	3000K	6190lm	1819	0 4 5 - 0 5 2 6 ☼☼ ⚡ 7 R
	4000K	6550lm		
81W	3000K	8250lm	2419	0 4 5 - 0 5 2 8 ☼☼ ⚡ 7 R
	4000K	8730lm		

LIGHT DISTRIBUTION

reflector (UGR ≤ 19)



Technical data



BASO 40 reflector, 40 W, 4000 K

ROOM VALUES

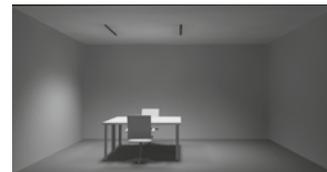
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7 0.5 0.2
Maintenance factor	0.8

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	



Mounting accessories

CONCRETE INSTALLATION HOUSING

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

no use for wall installation (only on request)

