



**Description**

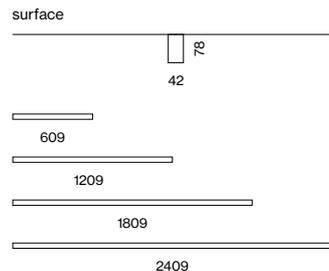
<sup>EN</sup> Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated in white, grey or black; luminaire profile with pre-assembled converter unit can be pre-mounted; light inset can be installed without tools; HPO (High Performance Opal) cover for 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  $\leq 3$  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 IP20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable or DALI-2 control

<sup>ES</sup> Cuerpo de perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo en colores blanco, gris o negro; 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  $\leq 3$  MacAdam; disponible en 3000 K y 4000 K; CRI  $\geq 80$ ; mín. 90 % de flujo luminoso después de 50.000 horas de vida útil; protección IP20; CP I; seguridad fotobiológica según IEC 62471 grupo de riesgo 0; opcional no atenuable o control con DALI-2

**Quickinfo**

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

**Types**



**Colours**



**Light distributions**



**BASO 40**

surface

### Order options

<b>COLOUR TEMPERATURE</b>	☐☐
3000K	5
4000K	6

<b>CONTROL</b>	⬆️⬆️
non DIM	1
DALI-2	3

<b>MATERIAL COLOUR</b>	☑️
white	7
grey	G
black	8



<b>LIGHT OPTIC COVER</b>	☑️
opal high performance	H
microprismatic	Z
asymmetric lens (wallwasher)	

### Options on request

<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 90	



### BASO 40 surface



#### OPAL HIGH PERFORMANCE / MICROPRISMATIC

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14W	3000K	1330lm	609	0 4 5 - 1 1 2 2 ☐☐☐☐
	4000K	1400lm		
27W	3000K	2650lm	1209	0 4 5 - 1 1 2 4 ☐☐☐☐
	4000K	2810lm		
41W	3000K	3980lm	1809	0 4 5 - 1 1 2 6 ☐☐☐☐
	4000K	4210lm		
55W	3000K	5310lm	2409	0 4 5 - 1 1 2 8 ☐☐☐☐
	4000K	5620lm		

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



#### WALLWASHER

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
14W	3000K	1720lm	609	0 4 5 - 1 1 2 2 ☐☐☐☐ A
	4000K	1820lm		
27W	3000K	3430lm	1209	0 4 5 - 1 1 2 4 ☐☐☐☐ A
	4000K	3630lm		
41W	3000K	5150lm	1809	0 4 5 - 1 1 2 6 ☐☐☐☐ A
	4000K	5450lm		
54W	3000K	6870lm	2409	0 4 5 - 1 1 2 8 ☐☐☐☐ A
	4000K	7270lm		

### Technical data

#### BASO 40 surface, wallwasher, 27W, 3000K



<b>ROOM VALUES</b>	
Wall dimensions	H = 2.8m   W = 10.8m
Distance to wall	B = 1.3m
Distance between Luminaires	0.5m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8

<b>CALCULATION SURFACE</b>	
Surface dimensions	10.8 × 2.8m
Surface height	0 – 2.8m
Eye level	1.35m – 1.75m

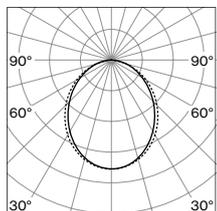


#### MOUNTING DISTANCE

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

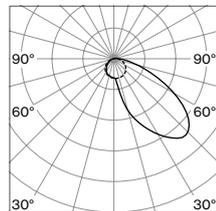
### LIGHT DISTRIBUTION

opal high performance



direct

asymmetric



direct



**Description**

**EN** Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated in white, grey or black; 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  $\leq 3$  MacAdam; available in the light colours 3000K and 4000K;  $CRI \geq 80$ ; min. 80 % 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 perfil de aluminio con diseño angular; sin tornillos visibles; superficie con recubrimiento de pintura en polvo en colores blanco, gris o negro; 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 ( $UGR \leq 19$ ); LEDS de alta eficiencia que proporcionan una alta reproducción cromática; binning inicial  $\leq 3$  MacAdam; disponible en 3000K y 4000K;  $CRI \geq 80$ ; mín. 90 % de flujo luminoso después de 50.000 horas de vida útil; protección IP20; CP I; opcional no atenuable o control con DALI-2

**BASO 40 reflector**

surface

**Quickinfo**

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

**Types**



**Colours**



**Light distributions**



## Order options

<b>COLOUR TEMPERATURE</b>	☼☼
3000K	5
4000K	6

<b>CONTROL</b>	⬆️⬆️
non DIM	1
DALI-2	3

<b>MATERIAL COLOUR</b>	☑️
white	7
grey	G
black	8

7 G 8

## LIGHT OPTIC COVER

reflector (UGR ≤ 19)

## Options on request

### COLOUR RENDERING INDEX

CRi ≥ 90



## BASO 40 surface



### REFLECTOR

SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20W	3000K	2060lm	609	0 4 5 - 1 1 2 2 ☼☼ ⬆️⬆️ ☑️ R
	4000K	2180lm		
40W	3000K	4120lm	1209	0 4 5 - 1 1 2 4 ☼☼ ⬆️⬆️ ☑️ R
	4000K	4370lm		
61W	3000K	6190lm	1809	0 4 5 - 1 1 2 6 ☼☼ ⬆️⬆️ ☑️ R
	4000K	6550lm		
81W	3000K	8250lm	2409	0 4 5 - 1 1 2 8 ☼☼ ⬆️⬆️ ☑️ R
	4000K	8730lm		

### LIGHT DISTRIBUTION

reflector (UGR ≤ 19)



## Technical data



### BASO 40 reflector, 40W, 4000K

#### ROOM VALUES

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

#### CALCULATION SURFACE .....

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

#### GLARE EVALUATION

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

