



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; 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 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 alu, version arête ; aucune vis visible ; surface thermolaquée blanche, grise ou noire ; profilé de luminaire avec convertisseur prémontée 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 3000 K et 4000 K ; 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

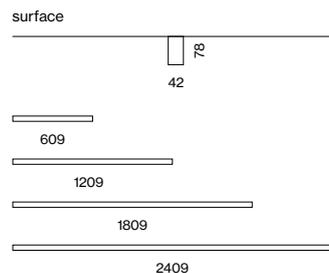
BASO 40

surface

Quickinfo

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

Types



Colours



Light distributions



Order options

| | |
|---------------------------|----|
| COLOUR TEMPERATURE | ☐☐ |
| 3000K | 5 |
| 4000K | 6 |

| | |
|----------------|------|
| CONTROL | ⬆️⬆️ |
| non DIM | 1 |
| DALI-2 | 3 |

| | |
|------------------------|----|
| MATERIAL COLOUR | ☑️ |
| white | 7 |
| grey | G |
| black | 8 |



| | |
|------------------------------|----|
| LIGHT OPTIC COVER | ☑️ |
| opal high performance | H |
| microprismatic | Z |
| asymmetric lens (wallwasher) | |

Options on request

| | |
|-------------------------------|--|
| COLOUR RENDERING INDEX | |
| 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

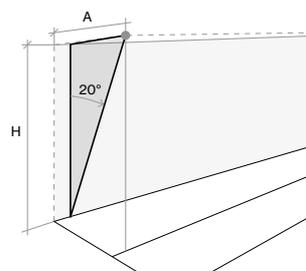


ROOM VALUES

| | |
|-----------------------------|----------------------|
| 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 |

CALCULATION SURFACE

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

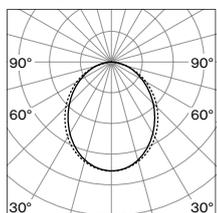


MOUNTING DISTANCE

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

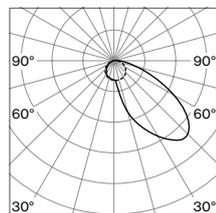
LIGHT DISTRIBUTION

opal high performance



direct

asymmetric



direct



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 ≤ 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

FR Corps de luminaire en profil extrudé en alu, version arête ; aucune vis visible ; surface thermolaquée blanche, grise ou noire ; 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 3000K et 4000K ; $CRI \geq 80$; min. 90 % du flux lumineux au bout de 50 000h de durée de vie ; genre protection IP 20 ; CP I ; en option non gradable ou commande via 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



direct

Order options

| | |
|---------------------------|----|
| COLOUR TEMPERATURE | ☐☐ |
| 3000K | 5 |
| 4000K | 6 |

| | |
|----------------|------|
| CONTROL | ⬆️⬆️ |
| non DIM | 1 |
| DALI-2 | 3 |

| | |
|------------------------|----|
| MATERIAL COLOUR | ☑️ |
| white | 7 |
| grey | G |
| black | 8 |

7 G 8

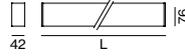
LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CR I ≥ 90



BASO 40 surface



REFLECTOR

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

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 _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 | |

