



Description

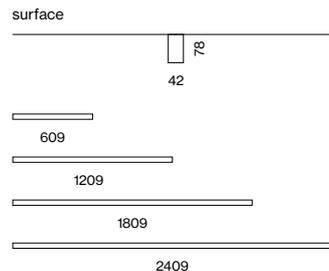
^{EN} Luminaire housing from extruded aluminium profile, angular design; no visible screws; surface powder coated in white, grey or black; luminaire profile with pre-assembled converter unit can be pre-mounted; light inset can be installed without tools; HPO (High Performance Opal) cover for uniform 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

^{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; 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 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 ≥ 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

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



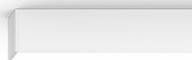
BASO 40 surface



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





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

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 ≤ 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



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

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 _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 | |

