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 IP 20; PC I; photobiological safety according to IEC 62471 risk group 0; optionally non-dimmable or DALI-2 control

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche weiß, grau oder schwarz pulverbeschichtet; Leuchtenprofil mit vormontierter Konvertereinheit vorab montierbar; Lichteinsatz werkzeuglos montierbar; HPO (High Performance Opal) Abdeckung für homogene Ausleuchtung; oder mikroprismatische PMMA-Abdeckung inkl. Diffusorfolie zur Reduktion der Leuchtdichte bei homogener Ausleuchtung; oder mit speziell berechneter, asymmetrischer Linse für homogene vertikale Beleuchtungsstärken; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 90 % des Lichtstromes nach 50 000 h Lebensdauer; Schutzart IP 20; SK I; photobiologische Sicherheit gemäß IEC 62471 Risikogruppe 0; wahlweise nicht dimmbar oder DALI-2 Steuerung

BASO 40

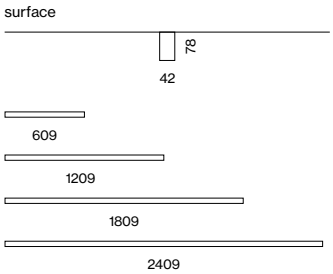
surface

Quickinfo

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

Types

surface



Colours

Light distributions

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

white	7
grey	G
black	8

7 G 8

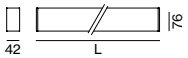
LIGHT OPTIC COVER

opal high performance	H
microprismatic	Z
asymmetric lens (wallwasher)	

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90

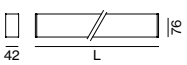


BASO 40 surface

OPAL HIGH PERFORMANCE / MICROPRISMATIC

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

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

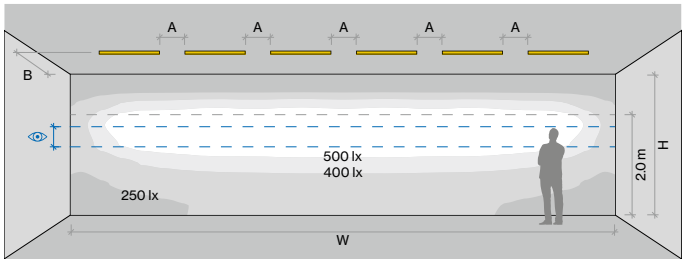


WALLWASHER

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

Technical data

BASO 40 surface, wallwasher, 27 W, 3000 K

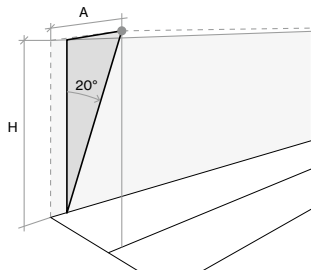


ROOM VALUES

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

CALCULATION SURFACE

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

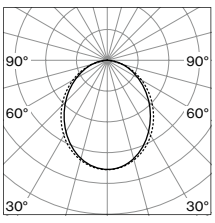


MOUNTING DISTANCE

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

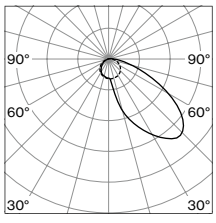
LIGHT DISTRIBUTION

opal high performance

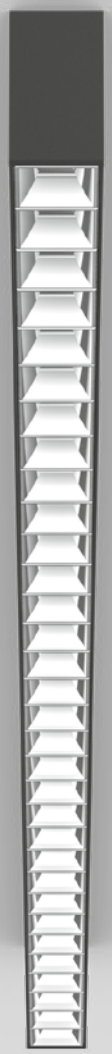


direct

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 ≤ 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. 80 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; optionally non-dimmable or DALI-2 control

DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche weiß, grau oder schwarz pulverbeschichtet; Leuchtenprofil mit vormontierter Konvertereinheit vorab montierbar; Lichteinsatz werkzeuglos montierbar; Lichteinsatz aus Strangpressprofil für verbessertes Thermomanagement; hochwertiger, verchromter Reflektor mit Facettenoptik; bildschirmtaugliche Arbeitsplatzleuchte nach DIN EN 12464-1 (UGR ≤ 19); energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 80; min. 90 % des Lichtstromes nach 50 000 h Lebensdauer; Schutzart IP 20; SK I; wahlweise nicht dimmbar oder DALI-2 Steuerung

BASO 40 reflector

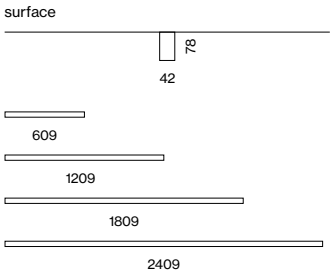
surface

Quickinfo

3000 K, 4000 K
CRI ≥ 80
L90 @ 50 000 h
UGR ≤ 19 / 65° ≤ 1500 cd/m²
up to 8730 lm
non DIM, DALI-2
reflector (UGR ≤ 19)

Types

surface



Colours

Light distributions

direct

Order options

COLOUR TEMPERATURE

3000 K	5
4000 K	6

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

white	7
grey	G
black	8

7 G 8

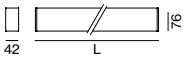
LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



BASO 40 surface

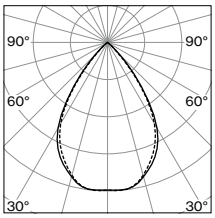
UGR ≤19 | cd/m² ≤1500 | DALI 1 ADDR. | 220-240V

REFLECTOR

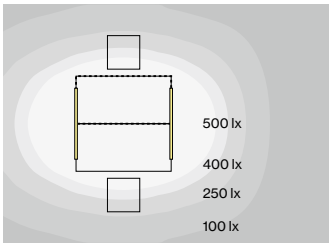
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20 W	3000 K	2060 lm	609	0 4 5 - 1 1 2 2 :: ◆ ◪ R
	4000 K	2180 lm		
40 W	3000 K	4120 lm	1209	0 4 5 - 1 1 2 4 :: ◆ ◪ R
	4000 K	4370 lm		
61 W	3000 K	6190 lm	1809	0 4 5 - 1 1 2 6 :: ◆ ◪ R
	4000 K	6550 lm		
81 W	3000 K	8250 lm	2409	0 4 5 - 1 1 2 8 :: ◆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

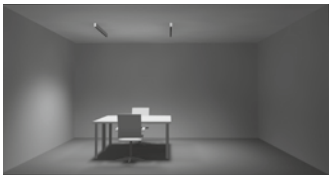
LIGHT DISTRIBUTION

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