

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 3000 K and 4000 K; $CRI \geq 80$; min. 80 % of the luminous flux after 50 000 hours; degree of protection IP 20; PC I; optionally non-dimmable or DALI-2 control

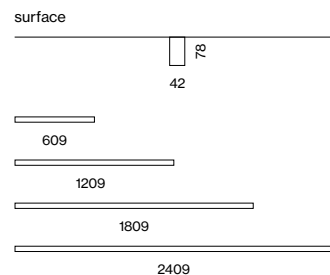
DE Leuchtenkörper aus Aluminiumstrangpressprofil, kantige Ausführung; keine sichtbaren Schrauben; Oberfläche weiß, grau oder schwarz pulverbeschichtet; Leuchtenprofil mit vormontierter Konvertereinheit vorab montierbar; Lichteinsatz werkzeuglos montierbar; Lichteinsatz aus Strangpressprofil für verbessertes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



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



Colours



Light distributions



BASO 40 reflector

surface

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

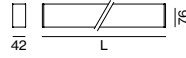
LIGHT OPTIC COVER

reflector (UGR ≤ 19)

Options on request

COLOUR RENDERING INDEX

CRI ≥ 90



BASO 40 surface



UGR
≤ 19

cd/m²
≤ 1500

DALI
1.ADDR.

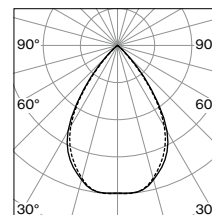
220-240V

REFLECTOR

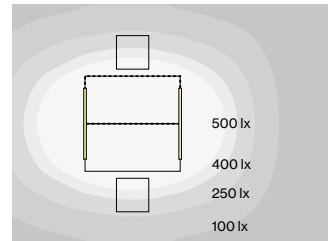
SYS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
20 W	3000 K	2060 lm	609	0 4 5 - 1 1 2 2 : : : R
	4000 K	2180 lm		
40 W	3000 K	4120 lm	1209	0 4 5 - 1 1 2 4 : : : R
	4000 K	4370 lm		
61 W	3000 K	6190 lm	1809	0 4 5 - 1 1 2 6 : : : R
	4000 K	6550 lm		
81 W	3000 K	8250 lm	2409	0 4 5 - 1 1 2 8 : : : R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