

BASO 40 reflector suspended

045-122251GR



Project / Type _____
Notes _____
Count / Date _____



General

Ceiling , Suspended _____
grey , RAL 9006 ¹ _____
IP20 _____
2060 lm _____
3460 lm/m _____

LED

3000 K _____
CRI ≥ 80 _____
L90 / 50000 h _____
initial MacAdam ≤ 3 SDCM _____
MR 0.54 _____
MDER 0.49 _____

Optical

Reflector _____
symmetric _____
UGR ≤ 19 , ≥65° <1500 cd/m² _____
PstLM ≤ 1.0 ² _____
SVM ≤ 0.4 ² _____

Electrical

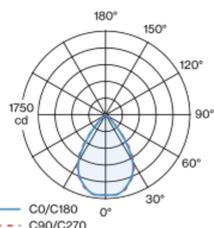
non DIM _____
220-240 V _____
system 20.2 W _____
system 102 lm/W³ _____
PC1 _____
34 W/m _____

Physical

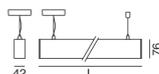
cable 1500 mm _____
length 609 mm _____
width 42 mm _____
height 76 mm _____
1.79 kg _____

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface grey powder coated; suspended luminaire with 1500mm cable suspension; with integrated toolless suspension height adjustment on the luminaire; spring clip attachment to the luminaire; freely positionable; incl. transparent feed; luminaire profile with pre-assembled converter unit can be pre-mounted on site; remaining lamp components mounted without tools; light inset made from extruded profile for improved thermal management; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, chromed reflector with faceted design; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; degree of protection IP20; PC1; 220-240 V; internal wiring in light halogen free; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	9
B13	13
B16	15
B20	18
C10	18
C13	26
C16	30
C20	36