

# BASO 40 microprismatic suspended

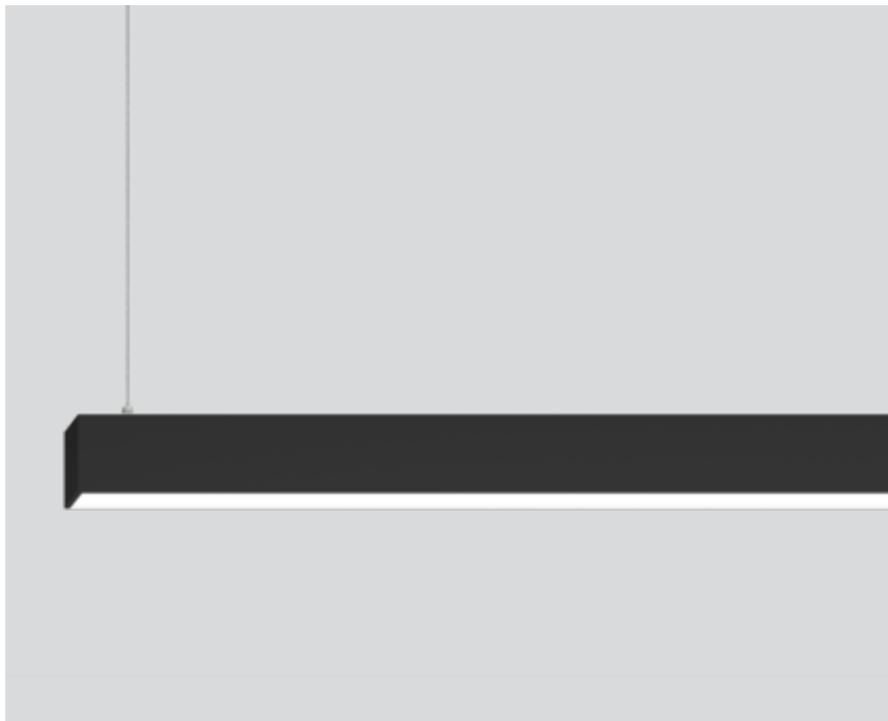
045-1222518Z



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Suspended \_\_\_\_\_  
black , RAL9005 <sup>1</sup> \_\_\_\_\_  
1970 lm/m \_\_\_\_\_  
IP20 \_\_\_\_\_  
1180 lm \_\_\_\_\_

## LED

3000 K \_\_\_\_\_  
CRI ≥ 80 \_\_\_\_\_  
L90 / 50000 h \_\_\_\_\_  
photobio. safety RG 0 - no Risk \_\_\_\_\_  
initial MacAdam ≤ 3 SDCM \_\_\_\_\_  
MR 0.54 \_\_\_\_\_  
MDER 0.49 \_\_\_\_\_

## Optical

Microprismatic \_\_\_\_\_  
PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_  
SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

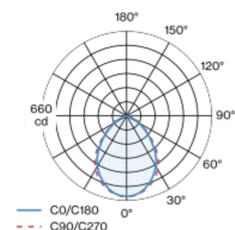
non DIM \_\_\_\_\_  
13.7 W \_\_\_\_\_  
PC1 220-240V \_\_\_\_\_  
86 lm/W \_\_\_\_\_  
23 W/m \_\_\_\_\_

## Physical

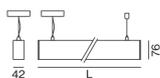
\_\_\_\_\_ cable 1500 mm  
\_\_\_\_\_ length 609 mm  
\_\_\_\_\_ width 42 mm  
\_\_\_\_\_ height 76 mm  
\_\_\_\_\_ 1.47 kg

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface black powder coated; suspended luminaire with 1500mm cable suspension; with integrated tool-less suspension height adjustment; 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 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; micro prismatic PMMA diffuser incl. diffuser film for homogeneous illumination and reduced luminance; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; 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



<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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	14
B13	18
B16	25
B20	28
C10	23
C13	30
C16	38
C20	46