

# BASO 40 microprismatic

surface

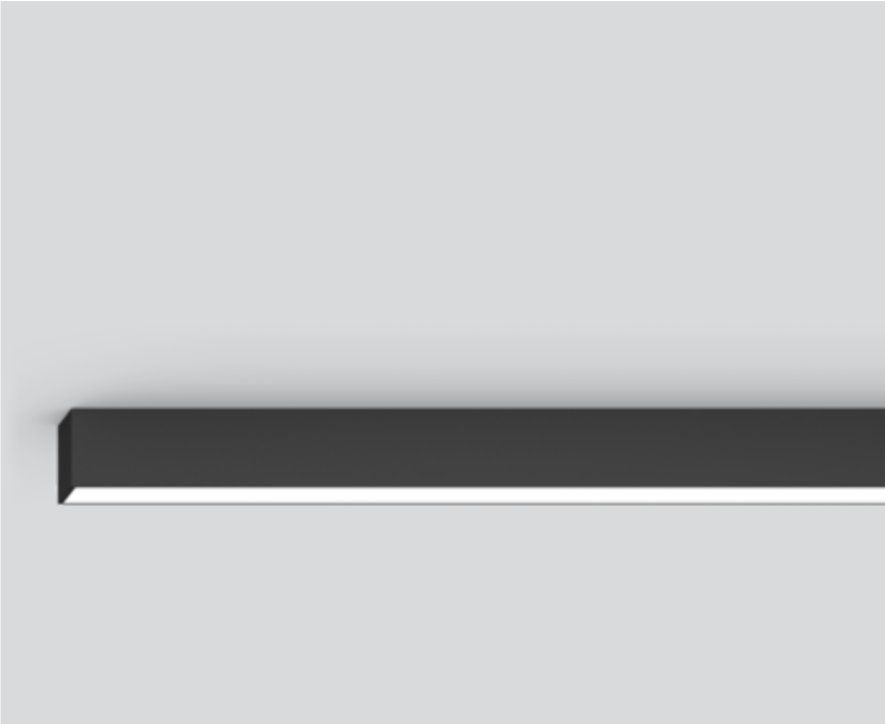
045-1124638Z



Project / Type

Notes

Count / Date



## General

Ceiling , Surface  
black , RAL9005 <sup>1</sup>  
2090 lm/m  
IP20  
2500 lm

## LED

4000 K  
CRI ≥ 80  
L90 / 50000 h  
photobio. safety RG 0 - no Risk  
initial MacAdam ≤ 3 SDCM  
MR 0.72  
MDER 0.66

## Optical

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

## Electrical

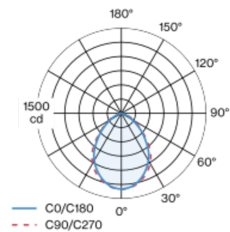
DALI-2  
27.5 W  
PC1 220-240V  
91 lm/W  
1 DALI Addr.  
23 W/m

## Physical

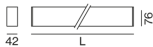
length 1209 mm  
width 42 mm  
height 76 mm  
2 kg

Luminaire housing made of extruded aluminium profile; light tight final end caps made of aluminium; no visible screws; angular design; surface black powder coated; suitable for wall or ceiling mounting; luminaire profile with pre-assembled converter unit can be pre-mounted on site; remaining lamp components mounted without tools; light colour 4000 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. DALI-2 converter; 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

MF

Maintenance Factor

LMF<sup>a</sup>

Luminaire Maintenance Factor

RSMF<sup>a</sup>

Room Surface Maintenance Factor

LLMF

Lamp Lumens 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	18
B13	23
B16	28
B20	35
C10	30
C13	38
C16	46
C20	58

