

# BO 45 base surface 1 lamp

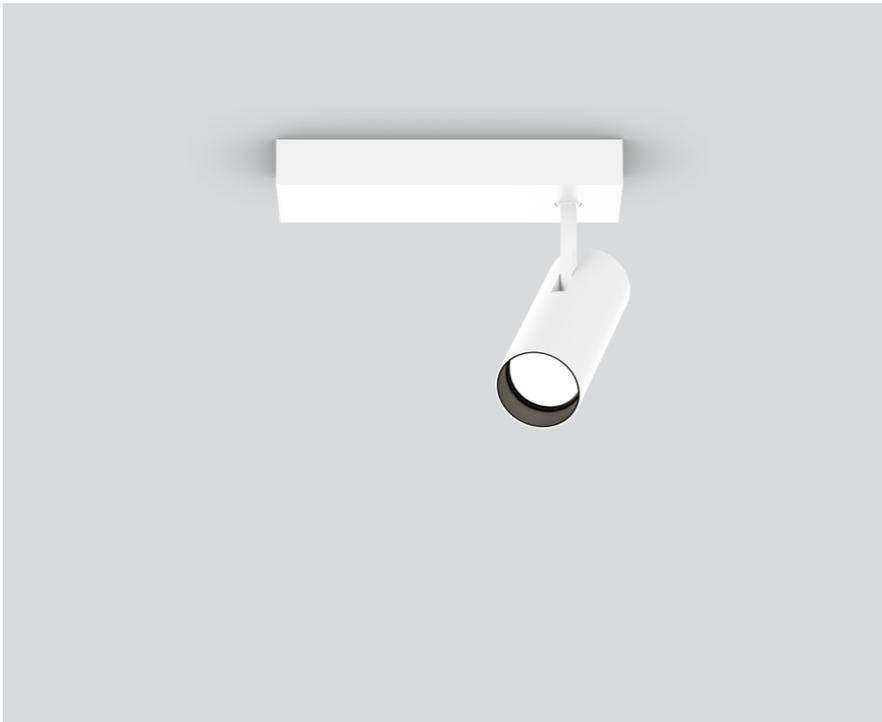
049-6330437M



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

Notes \_\_\_\_\_

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



## General

Ceiling , Surface \_\_\_\_\_  
 tilt max 90° \_\_\_\_\_  
 rotation 350° \_\_\_\_\_  
 white , RAL 9016 <sup>1</sup> \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 1210 lm \_\_\_\_\_

## LED

2700 K \_\_\_\_\_  
 CRI ≥ 90 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 2 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89 \_\_\_\_\_  
 MR 0.53 \_\_\_\_\_  
 MDER 0.48 \_\_\_\_\_

## Optical

medium \_\_\_\_\_  
 beam angle 24° \_\_\_\_\_  
 PstLM ≤ 1.0 <sup>2</sup> \_\_\_\_\_  
 SVM ≤ 0.4 <sup>2</sup> \_\_\_\_\_

## Electrical

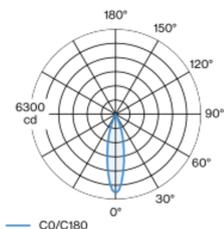
DALI-2 \_\_\_\_\_  
 220-240 V \_\_\_\_\_  
 system 15.9 W \_\_\_\_\_  
 system 76 lm/W<sup>3</sup> \_\_\_\_\_  
 PC1 \_\_\_\_\_  
 1 DALI Addr. \_\_\_\_\_

## Physical

length 180 mm \_\_\_\_\_  
 width 55 mm \_\_\_\_\_  
 height 163 mm \_\_\_\_\_  
 0.5 kg \_\_\_\_\_

Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface white powder coated; 350° rotatable and 90° tiltable; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 24° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

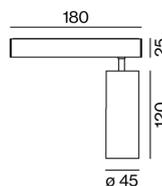
## Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	5830	0.43
2	1460	0.86
3	650	1.30
4	360	1.73
5	230	2.16

## Product drawing



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

## Installation instructions



## Lighting calculator

