

# BO 45 base surface 1 lamp

049-6330438M



Project / Type

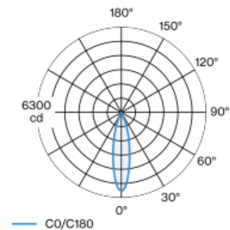
Notes

Count / Date



Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface black 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;

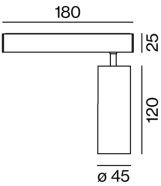
## Light distribution



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



## General

Ceiling | Surface

tilt max 90°

rotation 350°

black | RAL 9005 <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 3 4 5</sup> | SVM ≤ 0.4<sup>2 3 4 5</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 15.9 W

system 76 lm/W <sup>6</sup>

## Physical

length 180 mm | width 55 mm | height 163 mm

0.5 kg

<sup>1</sup> RAL code <sup>2</sup> oval lens BO 45 007-1965880  
<sup>3</sup> soft lens BO 45 007-1965980  
<sup>4</sup> wallwasher lens BO 45 007-1965780  
<sup>5</sup> Value of containing product at full load (undimmed)  
<sup>6</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

## Installation instructions



## Lighting calculator

