

# BO 45 base surface 1 lamp

049-633073XF



Project / Type

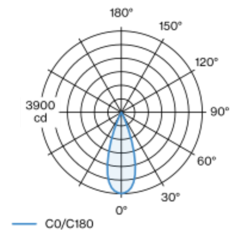
Notes

Count / Date



Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface special colours 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 3500 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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 36° 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;

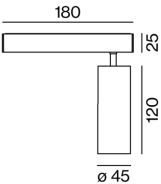
## Light distribution



flood 36°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 3900     | 0.65  |
| 2     | 980      | 1.29  |
| 3     | 430      | 1.94  |
| 4     | 240      | 2.59  |
| 5     | 160      | 3.23  |

## Product drawing



## General

Ceiling | Surface

tilt max 90°

rotation 350°

special colours

IP20

1310 lm

## LED

3500 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 97 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 89

MR 0.7 | MDER 0.63

## Optical

flood | beam angle 36°

PstLM  $\leq 1.0$ <sup>1 2 3 4</sup> | SVM  $\leq 0.4$ <sup>1 2 3 4</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC1 | 220-240 V

system 15.9 W

system 82 lm/W<sup>5</sup>

## Physical

length 180 mm | width 55 mm | height 163 mm

0.5 kg

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

## Installation instructions



## Lighting calculator

