

# BO 45 base surface 2 lamps

049-6430737F



Project / Type

Notes

Count / Date



### General

Ceiling , Surface

tilt max 90°

rotation 330°

white , RAL9016 <sup>1</sup>

IP20

2340 lm

### LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

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

MR 0.7

MDER 0.63

### Optical

flood

beam angle 36°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

### Electrical

DALI-2

27.6 W

PC1 220-240V

85 lm/W

1 DALI Addr.

### Physical

length 245 mm

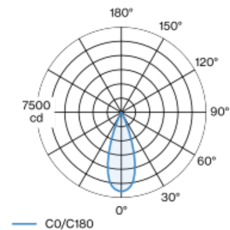
width 55 mm

height 164 mm

0.7 kg

Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface white powder coated; 330° 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 ≤ 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1 220-240V; 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;

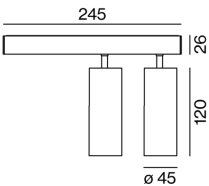
### Light distribution



flood 36°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 3480     | 0.65  |
| 2     | 870      | 1.29  |
| 3     | 390      | 1.94  |
| 4     | 220      | 2.59  |
| 5     | 140      | 3.23  |

### Product drawing



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

### Installation instructions



### Lighting calculator

