

# BO 45 base surface 2 lamps

049-6430418V



Project / Type

Notes

Count / Date



### General

Ceiling , Track

tilt max 90°

rotation 330°

black , RAL 9005 <sup>1</sup>

IP20

732 lm

### LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 91 , R<sub>(1-15)</sub>: 89

MR 0.54

MDER 0.49

### Optical

super spot

beam angle 8°

PstLM ≤ 1.0 <sup>2</sup>

SVM ≤ 0.4 <sup>2</sup>

Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface black 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 high power LED for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

### Electrical

non DIM

220-240 V

system 14.1 W

system 52 lm/W<sup>3</sup>

PC1

### Physical

length 245 mm

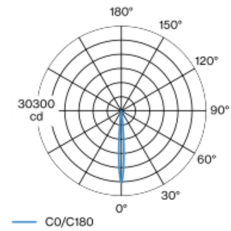
width 55 mm

height 164 mm

0.7 kg

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

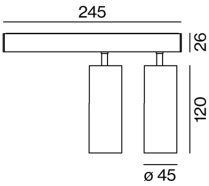
### Light distribution



super spot 8°

| h (m) | EO° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 12800    | 0.14  |
| 2     | 3200     | 0.28  |
| 3     | 1400     | 0.41  |
| 4     | 800      | 0.55  |
| 5     | 500      | 0.69  |

### Product drawing



### Installation instructions



### Lighting calculator

