

# BO 45 base surface 2 lamps

049-643073XS



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 330°

special colours

IP20

2060 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

spot

beam angle 12°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface special colours 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 12° 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;

Electrical

DALI-2

system 30 W

PC1 220-240V

system 69 lm/W<sup>2</sup>

1 DALI Addr.

Physical

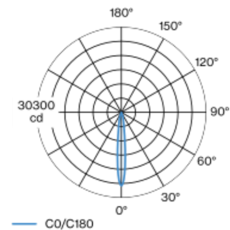
length 245 mm

width 55 mm

height 164 mm

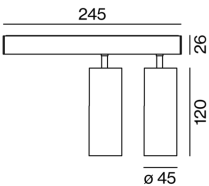
0.7 kg

## Light distribution



| spot 12° |          |       |
|----------|----------|-------|
| h (m)    | E0° (lx) | ø (m) |
| 1        | 13000    | 0.21  |
| 2        | 3300     | 0.42  |
| 3        | 1400     | 0.63  |
| 4        | 800      | 0.84  |
| 5        | 500      | 1.06  |

## Product drawing



<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. optical losses and the efficiency of the operating device (converter)

Installation instructions

Lighting calculator

