

# BO 45 base surface 2 lamps

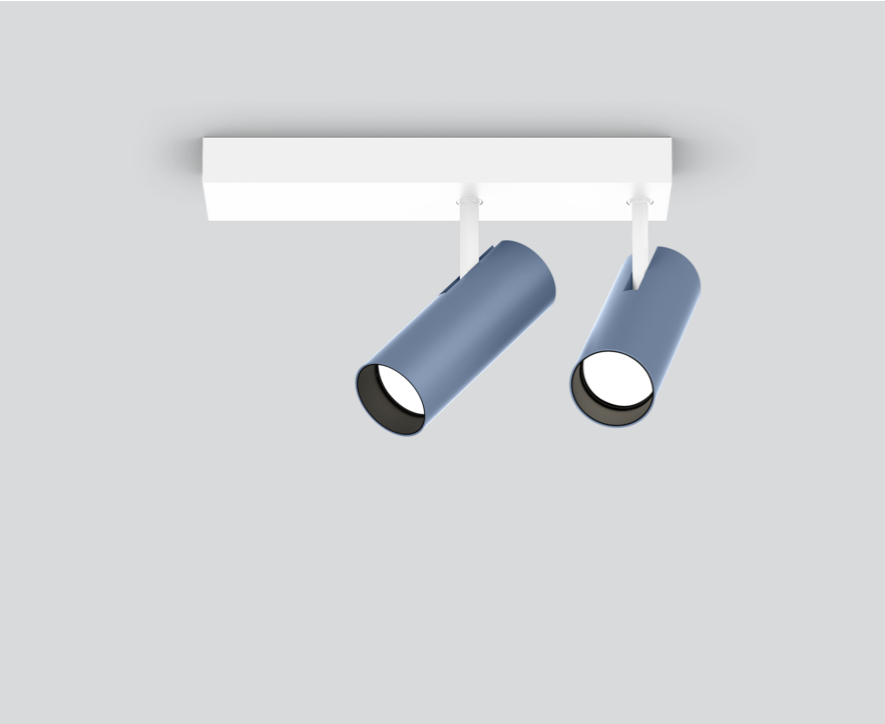
049-643073XM



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 330°

special colours

IP20

2280 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

medium

beam angle 24°

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 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;

Electrical

DALI-2

220-240 V

system 27.6 W

system 83 lm/W<sup>2</sup>

PC1

1 DALI Addr.

Physical

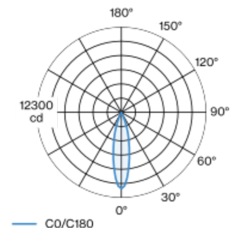
length 245 mm

width 55 mm

height 164 mm

0.7 kg

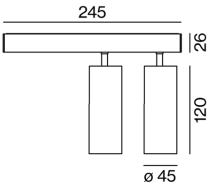
## Light distribution



medium 24°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 5490     | 0.43  |
| 2     | 1370     | 0.86  |
| 3     | 610      | 1.30  |
| 4     | 340      | 1.73  |
| 5     | 220      | 2.16  |

## Product drawing



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

Installation instructions

Lighting calculator

