

BO 45 base surface 2 lamps

049-6430437F



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 330°

white , RAL 9016 ¹

IP20

2220 lm

LED

2700 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.53

MDER 0.48

Optical

flood

beam angle 36°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

220-240 V

system 27.6 W

system 80 lm/W³

PC1

1 DALI Addr.

Physical

length 245 mm

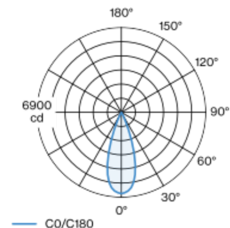
width 55 mm

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 2700 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; 220-240 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;

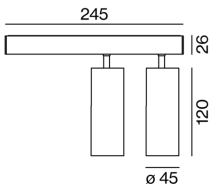
Light distribution



flood 36°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 3310 | 0.65 |
| 2 | 830 | 1.29 |
| 3 | 370 | 1.94 |
| 4 | 210 | 2.59 |
| 5 | 130 | 3.23 |

Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ 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

