

BO 45 base surface 2 lamps

049-6430717S



Project / Type

Notes

Count / Date



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 12° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;



General

Ceiling | Surface

tilt max 90°

rotation 330°

white | RAL 9016 ¹

IP20

2060 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_f: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.63

Optical

spot | beam angle 12°

Electrical

non DIM

PC1 | 220-240 V

system 30 W

system 69 lm/W ²

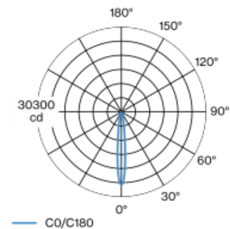
Physical

length 245 mm | width 55 mm | height 164 mm

0.7 kg

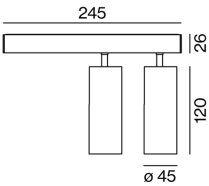
¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

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



Installation instructions



Lighting calculator

