

BO 45 base surface 2 lamps

049-6430518M



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Surface _____
 tilt max 90° _____
 rotation 330° _____
 black , RAL 9005 ¹ _____
 IP20 _____
 2300 lm _____

LED

3000 K _____
 CRI ≥ 90 _____
 L80 / 50000 h _____
 initial MacAdam ≤ 2 SDCM _____
 R_g: 100 , R_f: 91 , R_{f(1-15)}}: 88 _____
 MR 0.59 _____
 MDER 0.53 _____

Optical

medium _____
 beam angle 24° _____

Electrical

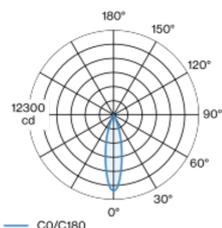
non DIM _____
 220-240 V _____
 system 27.6 W _____
 system 83 lm/W² _____
 PC1 _____

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 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 COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 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. converter, non dimmable; luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

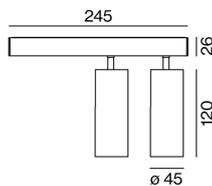
Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	5540	0.43
2	1380	0.86
3	620	1.30
4	350	1.73
5	220	2.16

Product drawing



¹ RAL code
² 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

