

BO 45 base surface 2 lamps

049-6430518F



Project / Type

Notes

Count / Date



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 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. 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°

black | RAL 9005 ¹

IP20

2340 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 | R_f: 91 | R_{t(1-15)}: 89

MR 0.59 | MDER 0.53

Optical

flood | beam angle 36°

Electrical

non DIM

PC1 | 220-240 V

system 27.6 W

system 85 lm/W ²

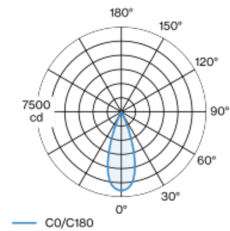
Physical

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

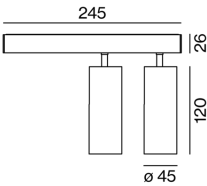
Light distribution



flood 36°

h (m)	E0° (lx)	ø (m)
1	3480	0.65
2	870	1.29
3	390	1.94
4	220	2.59
5	140	3.23

Product drawing



Installation instructions



Lighting calculator

