

BO 45 base surface 2 lamps

049-6430418F



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 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. 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

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°

Electrical

non DIM

PC1 | 220-240 V

system 27.6 W

system 80 lm/W ²

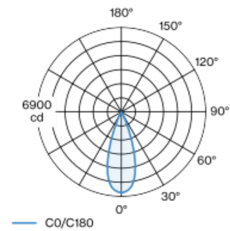
Physical

length 245 mm | width 55 mm | height 164 mm

0.7 kg

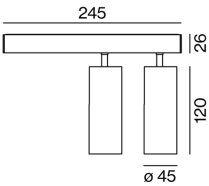
¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



flood 36°			
h (m)	E0° (lx)	ø (m)	
1	3310	0.65	
2	830	1.29	
3	370	1.94	
4	210	2.59	
5	130	3.23	

Product drawing



Installation instructions



Lighting calculator

