

BO 45 base surface 2 lamps

049-6430518M



Project / Type

Notes

Count / Date



General

Ceiling , Surface

tilt max 90°

rotation 330°

black , RAL9005 ¹

IP20

2300 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 , R_f: 91 , R_{f1-15}: 88

MR 0.59

MDER 0.53

Optical

medium

beam angle 24°

Electrical

non DIM

27.6 W

PC1 220-240V

83 lm/W

Physical

length 245 mm

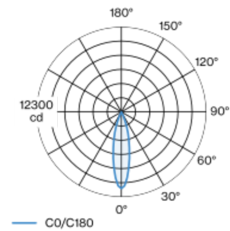
width 55 mm

height 164 mm

0.7 kg

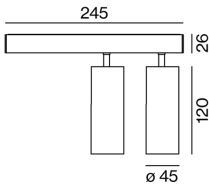
Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface black powder coated; 330° rotatable and 90° tiltable; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached 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 220-240V; 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

Installation instructions



Lighting calculator

