

BO 45 base surface 2 lamps

049-6430718V



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 330°

black , RAL 9005 ¹

IP20

786 lm

LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_f: 90 , R_{t(1-5)}: 87

MR 0.68

MDER 0.62

Optical

super spot

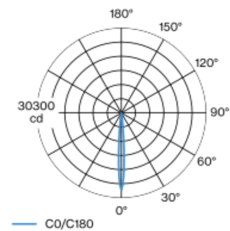
beam angle 8°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

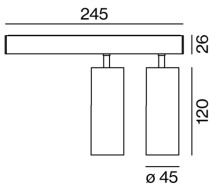
Surface mounted spotlight made of aluminium; 2 lamps; cylindrical spotlight heads; surface black powder coated; 330° rotatable and 90° tiltable; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; passive cooling of the LEDs through improved heat sink geometry; with high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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



super spot 8°		
h (m)	EO° (lx)	ø (m)
1	13700	0.14
2	3400	0.28
3	1500	0.41
4	900	0.55
5	500	0.69

Product drawing



Electrical

non DIM

220-240 V

system 14.1 W

system 56 lm/W³

PC1

Physical

length 245 mm

width 55 mm

height 164 mm

0.7 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ 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

