

BO 45 base surface 2 lamps

049-6430438V



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 330°

black , RAL9005 ¹

IP20

624 lm

LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89

MR 0.54

MDER 0.49

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 2700 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 220-240V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); luminaire for through wiring; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Electrical

DALI-2

14.2 W

PC1 220-240V

44 lm/W

1 DALI Addr.

Physical

length 245 mm

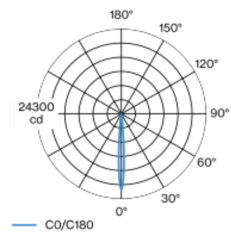
width 55 mm

height 164 mm

0.7 kg

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

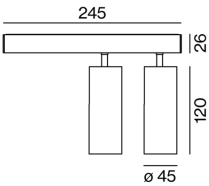
Light distribution



super spot 8°

h (m)	EO° (lx)	ø (m)
1	10900	0.14
2	2700	0.28
3	1200	0.41
4	700	0.55
5	400	0.69

Product drawing



Installation instructions



Lighting calculator

