

BO 45 surface

049-6230718V 002-90729



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 90°

rotation 350°

black , RAL 9005 ¹

IP20

437 lm

fixture 63 lm/W²

LED

3500 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_r: 90 , R₍₁₋₅₎: 87

MR 0.68

MDER 0.62

Optical

super spot

beam angle 8°

PstLM ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

DALI-2

220-240 V

system 9.2 W

fixture 6.9 W

11 Vf

600 mA

PC2

1 DALI Addr.

Physical

diameter 45 mm

height 155 mm

0.41 kg

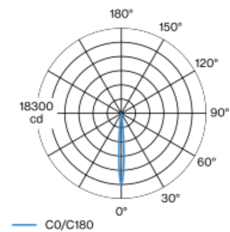
¹ RAL code

² incl. consideration of optical losses & internal control unit losses

³ Value of containing product at full load (undimmed)

Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; 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; PC2; 220-240 V; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

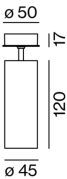
Light distribution



super spot 8°

h (m)	E0° (lx)	ø (m)
1	15300	0.14
2	3800	0.28
3	1700	0.41
4	1000	0.55
5	600	0.69

Product drawing



Installation instructions



Lighting calculator

