

BO 45 surface

049-6230417V 002-90729



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track _____
tilt max 90° _____
rotation 350° _____
white , RAL 9016 ¹ _____
IP20 _____
406 lm _____
fixture 59 lm/W² _____

LED

2700 K _____
CRI ≥ 90 _____
L85 / 50000 h _____
initial MacAdam ≤ 3 SDCM _____
R_g: 99 , R_r: 91 , R₍₁₋₁₅₎: 89 _____
MR 0.54 _____
MDER 0.49 _____

Optical

super spot _____
beam angle 8° _____
P_{stLM} ≤ 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 _____

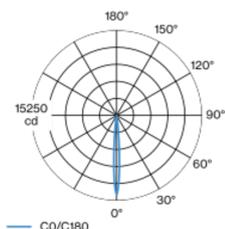
¹ RAL code

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

³ Value of containing product at full load (undimmed)

Cylindrical spotlight in aluminium; surface white 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 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; 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;

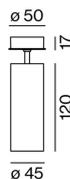
Light distribution



super spot 8°

h (m)	E ₀ ° (lx)	ø (m)
1	14200	0.14
2	3500	0.28
3	1600	0.41
4	900	0.55
5	600	0.69

Product drawing



Installation instructions



Lighting calculator

