

BO 45 base surface 1 lamp

049-6330437V



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track _____

tilt max 90° _____

rotation 350° _____

white , RAL 9016 ¹ _____

IP20 _____

406 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; 1 lamp; cylindrical spotlight head; surface white powder coated; 350° 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; 220-240 V; 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 _____

220-240 V _____

system 9.2 W _____

system 44 lm/W³ _____

PC1 _____

1 DALI Addr. _____

Physical

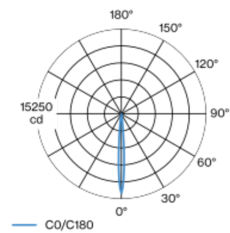
length 180 mm _____

width 55 mm _____

height 163 mm _____

0.5 kg _____

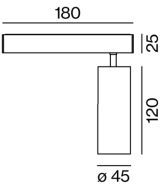
Light distribution



super spot 8°

h (m)	EO° (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



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

