

BO 45 base surface 1 lamp

049-633071XV



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Track _____

tilt max 90° _____

rotation 350° _____

special colours _____

IP20 _____

437 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 ¹ _____

SVM ≤ 0.4 ¹ _____

Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface special colours 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 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;

Electrical

non DIM _____

220-240 V _____

system 9.2 W _____

system 48 lm/W² _____

PC1 _____

Physical

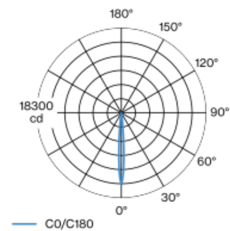
length 180 mm _____

width 55 mm _____

height 163 mm _____

0.5 kg _____

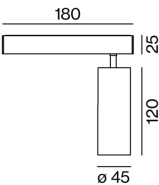
Light distribution



super spot 8°

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

Product drawing



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

