

BO 45 base surface 1 lamp

049-6330738M



Project / Type _____

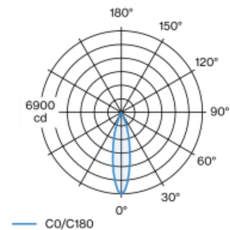
Notes _____

Count / Date _____



Surface mounted spotlight made of aluminium; 1 lamp; cylindrical spotlight head; surface jet black 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 COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90 ; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; high quality, aluminium, vapour deposition coated reflector with faceted lens design; precise radiation characteristic with 24° 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;

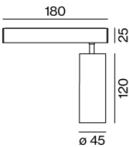
Light distribution



medium 24°

h (m)	EO° (lx)	ø (m)
1	6890	0.43
2	1720	0.86
3	770	1.30
4	430	1.73
5	280	2.16

Product drawing



General

Ceiling | Surface _____

tilt max 90° _____

rotation 350° _____

jet black | RAL 9005 _____

IP20 _____

1430 lm _____

LED

3500 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 | R_f: 90 | R_{t(1-15)}: 89 _____

MR 0.7 | MDER 0.64 _____

Optical

medium | beam angle 24° _____

PstLM ≤ 1.0 ^{1 2 3 4} | SVM ≤ 0.4 ^{1 2 3 4} _____

Electrical

DALI-2 | 1 DALI Addr. _____

PC1 | 220-240 V _____

system 15.7 W _____

system 91 lm/W⁵ _____

Physical

length 180 mm | width 55 mm | height 163 mm _____

0.5 kg _____

¹ oval lens BO 45 007-1965880 ² soft lens BO 45 007-1965980
³ wallwasher lens BO 45 007-1965780
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

