

BO 45 semi-recessed

049-6130717S 002-90720



Project / Type

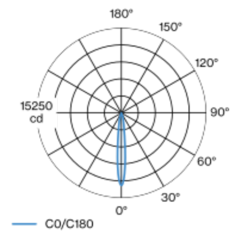
Notes

Count / Date



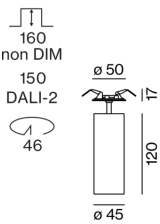
Cylindrical spotlight in aluminium; surface white powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance 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 12° 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



h (m)	EO° (lx)	ø (m)
1	13000	0.21
2	3300	0.42
3	1400	0.63
4	800	0.84
5	500	1.06

Product drawing



General

Ceiling Semi-Recessed
tilt max 90°
rotation 350°
white RAL 9016 ¹
IP20
1030 lm

LED

3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 97 R _f : 90 R _{t(1-15)} : 89
MR 0.7 MDER 0.63

Optical

spot beam angle 12°
PstLM ≤ 1.0 ^{2 3 4 5} SVM ≤ 0.4 ^{2 3 4 5}

Electrical

DALI-2 1 DALI Addr.
PC2 220-240 V
system 15.0 W fixture 12.8 W
fixture 81 lm/W ⁶
37 Vf 350 mA

Physical

diameter 45 mm height 149 mm
0.42 kg

Cutout

diameter 46 mm
min. ceiling thickness 2 mm max. ceiling thickness 25 mm
recessed depth 150 mm

¹ RAL code ² wallwasher lens BO 45 007-1965780
³ soft lens BO 45 007-1965980 ⁴ oval lens BO 45 007-1965880
⁵ Value of containing product at full load (undimmed)
⁶ incl. consideration of optical losses & internal control unit losses

Installation instructions



Lighting calculator

