

BO 55 semi-recessed

049-6140718S 002-90729



Project / Type

Notes

Count / Date



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
black , RAL 9005 ¹
IP20
1870 lm
fixture 89 lm/W ²

LED
3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 97 , R _r : 90 , R ₍₁₋₅₎ : 89
MR 0.7
MDER 0.63

Optical
spot
beam angle 17°
PstLM ≤ 1.0 ³
SVM ≤ 0.4 ³

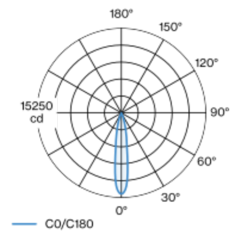
Electrical
DALI-2
220-240 V
system 24.7 W
fixture 21.0 W
36 Vf
600 mA
PC2
1 DALI Addr.

Physical
diameter 55 mm
height 159 mm
0.48 kg

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

Cylindrical spotlight in aluminium; surface black 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 17° 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



spot 17°		
h (m)	E0° (lx)	ø (m)
1	14600	0.30
2	3600	0.59
3	1600	0.89
4	900	1.19
5	600	1.48

Product drawing



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

Installation instructions



Lighting calculator

