

BO 55 semi-recessed

049-6140417F 002-90726



Project / Type

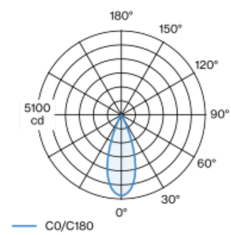
Notes

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 2700 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 37° 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. converter, non dimmable; external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

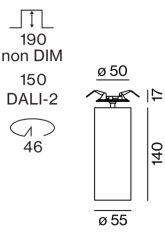
Light distribution



flood 37°

h (m)	EO° (lx)	ø (m)
1	4920	0.67
2	1230	1.34
3	550	2.01
4	310	2.68
5	200	3.35

Product drawing



General

Ceiling Semi-Recessed
tilt max 90°
rotation 350°
white RAL 9016 ¹
IP20
1800 lm
fixture 86 lm/W ²

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 99 R _r : 91 R ₍₁₋₁₅₎ : 89
MR 0.53 MDER 0.48

Optical

flood beam angle 37°
PstLM ≤ 1.0 ³ SVM ≤ 0.4 ³

Electrical

non DIM
PC2 220-240 V
system 24.7 W fixture 21.0 W
36 Vf 600 mA

Physical

diameter 55 mm height 159 mm
0.45 kg

Cutout

diameter 46 mm
min. ceiling thickness 2 mm max. ceiling thickness 25 mm
recessed depth 190 mm

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

Installation instructions



Lighting calculator

