

BO 55 semi-recessed

049-6140718M 002-90726



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Semi-Recessed
 tilt max 90°
 rotation 350°
 black , RAL9005 ¹
 IP20
 1900 lm

LED

3500 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 97 , R_r: 90 , R_{r(1-15)}: 89
 MR 0.7
 MDER 0.63

Optical

medium
 beam angle 31°
 PstLM ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

non DIM
 system 24.7 W
 inset 21.0 W
 36 Vf
 600 mA
 PC2 220-240V
 system 77 lm/W³
 inset 90 lm/W⁴

Physical

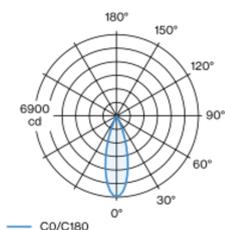
diameter 55 mm
 height 159 mm
 0.55 kg

Cutout

diameter 46 mm
 min. ceiling thickness 2 mm
 max. ceiling thickness 25 mm
 recessed depth 190 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 31° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; 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;

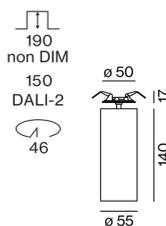
Light distribution



medium 31°

h (m)	EO° (lx)	ø (m)
1	6860	0.55
2	1710	1.10
3	760	1.65
4	430	2.20
5	270	2.75

Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. optical losses and the efficiency of the operating device (converter)
⁴ incl. optical losses

Installation instructions



Lighting calculator

