

BO 55 semi-recessed

049-6140718F 002-90726



Project / Type

Notes

Count / Date



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
black , RAL9005 ¹
IP20
1910 lm

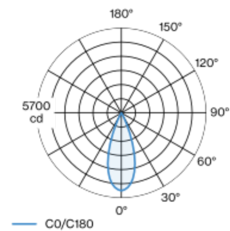
LED
3500 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 97 , R _f : 90 , R _{t(1-5)} : 89
MR 0.7
MDER 0.63

Optical
flood
beam angle 37°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

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 37° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; 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;

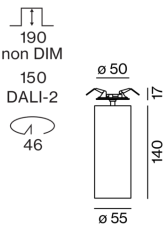
Electrical
non DIM
system 24.7 W
inset 21.0 W
36 Vf
600 mA
PC2 220-240V
system 77 lm/W ³
inset 91 lm/W ⁴

Light distribution



flood 37°			
h (m)	EO° (lx)	ø (m)	
1	5220	0.67	
2	1300	1.34	
3	580	2.01	
4	330	2.68	
5	210	3.35	

Product drawing



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

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

