

BO 55 semi-recessed

049-6140517M 002-90726



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Semi-Recessed _____

tilt max 90° _____

rotation 350° _____

white , RAL 9016 ¹ _____

IP20 _____

1900 lm _____

fixture 90 lm/W² _____

LED

3000 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 100 , R_f: 91 , R_{f(1-5)}: 88 _____

MR 0.59 _____

MDER 0.53 _____

Optical

medium _____

beam angle 31° _____

PstLM ≤ 1.0 ³ _____

SVM ≤ 0.4 ³ _____

Electrical

non DIM _____

220-240 V _____

system 24.7 W _____

fixture 21.0 W _____

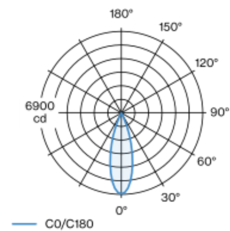
36 Vf _____

600 mA _____

PC2 _____

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 3000 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; 220-240 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



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



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 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

