

BO 55 semi-recessed

049-614051XM 002-90726



Project / Type _____

Notes _____

Count / Date _____



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
special colours
IP20
1900 lm
fixture 90 lm/W ¹

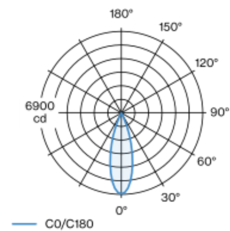
LED
3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R _g : 100 , R _f : 91 , R _{f(1-15)} : 88
MR 0.59
MDER 0.53

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

Cylindrical spotlight in aluminium; surface special colours 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;

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

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
0.45 kg

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

¹ incl. consideration of optical losses & internal control unit losses

² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

