

# BO 55 semi-recessed

049-6140418F 002-90726



Project / Type

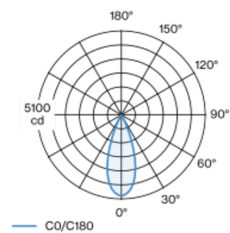
Notes

Count / Date



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 2700 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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;

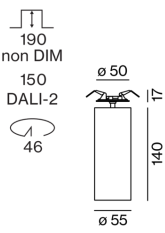
## Light distribution



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°
black   RAL 9005 <sup>1</sup>
IP20
1800 lm
fixture 86 lm/W <sup>2</sup>

## LED

2700 K
CRI $\geq 90$
L80 / 50000 h
initial MacAdam $\leq 2$ SDCM
R <sub>g</sub> : 99   R <sub>r</sub> : 91   R <sub>t(15)</sub> : 89
MR 0.53   MDER 0.48

## Optical

flood   beam angle 37°
PstLM $\leq 1.0$ <sup>3</sup>   SVM $\leq 0.4$ <sup>3</sup>

## 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

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

## Installation instructions



## Lighting calculator

