BO 55 semi-recessed

049-6140417S 002-90729

Project / Type

Notes

Count / Date

220-240V | X-PERT | X-PERT

General

Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
white , RAL9016 [1]
IP20
1770 lm

LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 99 , R_f: 91 , $R_{f\{1\text{-}15\}}$: 89
MR 0.53
MDER 0.48

Optical

spot
beam angle 17°
PstLM ≤ 1.0 [2]
SVM ≤ 0.4 [2]

Electrical

DALI-2
24.7 W
PC2 220-240V
72 lm/W
1 DALI Addr.

Physical

diameter 55 mm
height 159 mm
0.48 kg

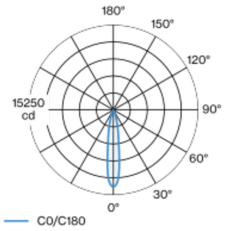
Cutout

min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 150 mm

[1] RAL code [2] Value of containing product at full load (undimmed)

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 2700 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 17° 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. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); external converter for ceiling insertion, through-wiring suitable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

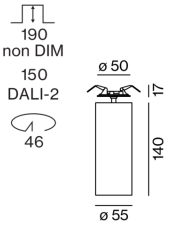
Light distribution



spot 17°

h (m)	E0° (lx)	ø (m)
1	13800	0.30
2	3400	0.59
3	1500	0.89
4	900	1.19
5	600	1.48

Product drawing



Installation instructions

Lighting calculator