

BO 55 semi-recessed

049-614041XF 002-90729



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling | Semi-Recessed
 tilt max 90°
 rotation 350°
 special colours
 IP20
 1800 lm
 fixture 86 lm/W¹

LED

2700 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 99 | R_r: 91 | R₍₁₋₁₅₎: 89
 MR 0.53 | MDER 0.48

Optical

flood | beam angle 37°
 PstLM ≤ 1.0² | SVM ≤ 0.4²

Electrical

DALI-2 | 1 DALI Addr.
 PC2 | 220-240 V
 system 24.7 W | fixture 21.0 W
 36 Vf | 600 mA

Physical

diameter 55 mm | height 159 mm
 0.46 kg

Cutout

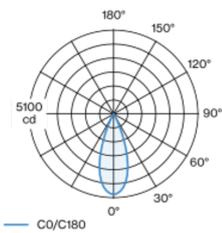
diameter 46 mm
 min. ceiling thickness 2 mm | max. ceiling thickness 25 mm
 recessed depth 150 mm

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

² Value of containing product at full load (undimmed)

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 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 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. 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;

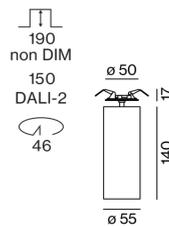
Light distribution



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



Installation instructions



Lighting calculator

