

BO 55 semi-recessed

049-614051XM 002-90729



Project / Type _____

Notes _____

Count / Date _____



220-240V

220-240V

X-PERT

X-PERT

General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

1900 lm

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 ¹

SVM ≤ 0.4 ¹

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 220-240V; 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;

Electrical

DALI-2

24.7 W

PC2 220-240V

77 lm/W

1 DALI Addr.

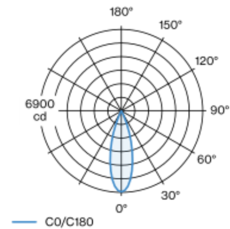
Physical

diameter 55 mm

height 159 mm

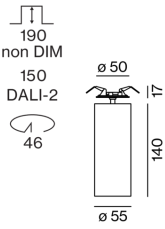
0.48 kg

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



Cutout

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

¹ Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

