

BO 55 semi-recessed

049-6140718F 002-90726



Project / Type

Notes

Count / Date



220-240V

rotation 350°

X-PERT

X-PERT

General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

black , RAL9005 ¹

IP20

1910 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 , R_f: 90 , R_{f(1-5)}: 89

MR 0.7

MDER 0.63

Optical

flood

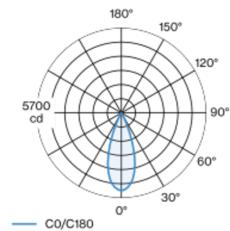
beam angle 37°

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

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 3500 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 220-240V; 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	5220	0.67
2	1300	1.34
3	580	2.01
4	330	2.68
5	210	3.35

Product drawing



Electrical

non DIM

24.7 W

PC2 220-240V

77 lm/W

Physical

diameter 55 mm

height 159 mm

0.55 kg

Cutout

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 190 mm

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

Installation instructions

Lighting calculator

