

BO 55 surface

049-6240718S 002-90726



Project / Type

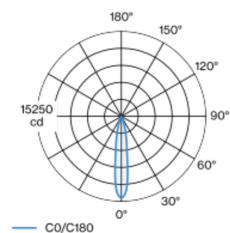
Notes

Count / Date



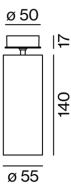
Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 17° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 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



spot 17°		
h (m)	EO ¹ (lx)	ø (m)
1	14600	0.30
2	3600	0.59
3	1600	0.89
4	900	1.19
5	600	1.48

Product drawing



General

Ceiling | Surface

tilt max 90°

rotation 350°

black | RAL 9005 ¹

IP20

1870 lm

fixture 89 lm/W ²

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 97 | R_r: 90 | R_{t(1-15)}: 89

MR 0.7 | MDER 0.63

Optical

spot | beam angle 17°

PstLM ≤ 1.0 ³ | SVM ≤ 0.4 ³

Electrical

non DIM

PC2 | 220-240 V

system 24.7 W | fixture 21.0 W

36 Vf | 600 mA

Physical

diameter 55 mm | height 165 mm

0.45 kg

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

Installation instructions



Lighting calculator

