

BO 55 surface

049-6240418M 002-90726



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Surface _____
 tilt max 90° _____
 rotation 350° _____
 black , RAL 9005 ¹ _____
 IP20 _____
 1790 lm _____
 fixture 85 lm/W² _____

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

medium _____
 beam angle 31° _____
 P_{stLM} ≤ 1.0 ³ _____
 SVM ≤ 0.4 ³ _____

Electrical

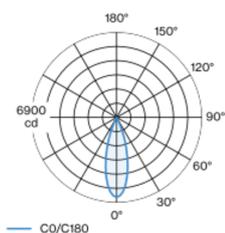
non DIM _____
 220-240 V _____
 system 24.7 W _____
 fixture 21.0 W _____
 36 Vf _____
 600 mA _____
 PC2 _____

Physical

diameter 55 mm _____
 height 165 mm _____
 0.55 kg _____

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 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 31° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 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;

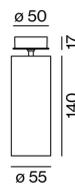
Light distribution



medium 31°

h (m)	E0° (lx)	ø (m)
1	6460	0.55
2	1610	1.10
3	720	1.65
4	400	2.20
5	260	2.75

Product drawing



¹ RAL code
² FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
³ Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

