

BO 45 semi-recessed

049-6130417F 002-90724



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Semi-Recessed
 tilt max 90°
 rotation 350°
 white , RAL9016 ¹
 IP20
 1240 lm

LED

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

Optical

flood
 beam angle 36°
 PstLM ≤ 1.0 ²
 SVM ≤ 0.4 ²

Electrical

non DIM
 15.9 W
 PC2 220-240V
 78 lm/W

Physical

diameter 45 mm
 height 149 mm
 0.39 kg

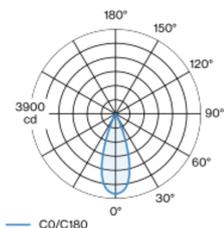
Cutout

min. ceiling thickness 2 mm
 max. ceiling thickness 25 mm
 recessed depth 160 mm

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

Cylindrical spotlight in aluminium; surface white 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 36° 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;

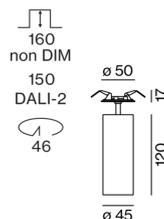
Light distribution



flood 36°

h (m)	EO° (lx)	ø (m)
1	3690	0.65
2	920	1.29
3	410	1.94
4	230	2.59
5	150	3.23

Product drawing



Installation instructions



Lighting calculator

