

BO 45 semi-recessed

049-6130518F 002-90728



Project / Type

Notes

Count / Date



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
black , RAL 9005 ¹
IP20
1320 lm
fixture 98 lm/W ²

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
flood
beam angle 36°
PstLM ≤ 1.0 ³
SVM ≤ 0.4 ³

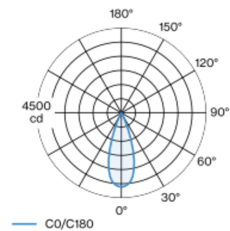
Electrical
DALI-2
220-240 V
system 15.9 W
fixture 13.5 W
36 Vf
400 mA
PC2
1 DALI Addr.

Physical
diameter 45 mm
height 149 mm
0.41 kg

Cutout
diameter 46 mm
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 150 mm

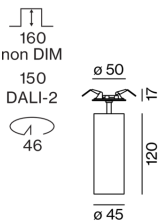
Cylindrical spotlight in aluminium; surface black powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; 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;

Light distribution



flood 36°			
h (m)	EO° (lx)	ø (m)	
1	3930	0.65	
2	980	1.29	
3	440	1.94	
4	250	2.59	
5	160	3.23	

Product drawing



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

