

BO 45 semi-recessed

049-613051XV 002-90729



Project / Type _____

Notes _____

Count / Date _____



General
Ceiling , Semi-Recessed
tilt max 90°
rotation 350°
special colours
IP20
346 lm
fixture 50 lm/W ¹

LED
3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R _g : 98 , R _r : 91 , R _{t(1-15)} : 89
MR 0.6
MDER 0.55

Optical
super spot
beam angle 8°
PstLM ≤ 1.0 ²
SVM ≤ 0.4 ²

Electrical
DALI-2
220-240 V
system 9.3 W
fixture 6.9 W
11 Vf
600 mA
PC2
1 DALI Addr.

Physical
diameter 45 mm
height 149 mm
0.04 kg

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

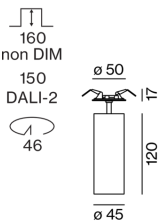
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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



super spot 8°		
h (m)	E0° (lx)	ø (m)
1	12100	0.14
2	3000	0.28
3	1300	0.41
4	800	0.55
5	500	0.69

Product drawing



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

Installation instructions



Lighting calculator

