

BO 45 semi-recessed

049-613071XV 002-90726



Project / Type _____

Notes _____

Count / Date _____



General	
Ceiling , Semi-Recessed	
tilt max 90°	
rotation 350°	
special colours	
IP20	
346 lm	

LED	
3500 K	
CRI ≥ 90	
L85 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R _g : 97 , R _f : 90 , R ₍₁₋₁₅₎ : 87	
MR 0.68	
MDER 0.62	

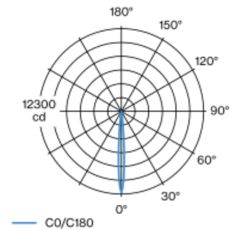
Optical	
super spot	
beam angle 8°	
PstLM ≤ 1.0 ¹	
SVM ≤ 0.4 ¹	

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 3500 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 220-240V; 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;

Electrical	
non DIM	
9.2 W	
PC2 220-240V	
38 lm/W	

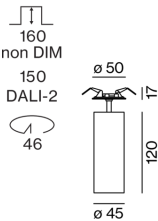
Physical	
diameter 45 mm	
height 149 mm	
0.09 kg	

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



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

¹ Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

