

# BO 45 semi-recessed

049-613041XV 002-90729



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



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

<b>LED</b>
2700 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R <sub>g</sub> : 99 , R <sub>f</sub> : 91 , R <sub>(1-15)</sub> : 89
MR 0.54
MDER 0.49

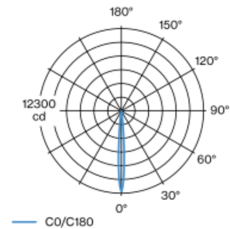
<b>Optical</b>
super spot
beam angle 8°
PstLM ≤ 1.0 <sup>1</sup>
SVM ≤ 0.4 <sup>1</sup>

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 2700 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. 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;

<b>Electrical</b>
DALI-2
9.3 W
PC2 220-240V
37 lm/W
1 DALI Addr.

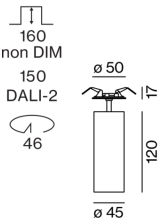
<b>Physical</b>
diameter 45 mm
height 149 mm
0.04 kg

## Light distribution



super spot 8°			
h (m)	EO° (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



<b>Cutout</b>
min. ceiling thickness 2 mm
max. ceiling thickness 25 mm
recessed depth 150 mm

<sup>1</sup> Value of containing product at full load (undimmed)

## Installation instructions



## Lighting calculator

