

# BO 45 semi-recessed

049-6130717M 002-90728



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

Notes \_\_\_\_\_

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



<b>General</b>	
Ceiling , Semi-Recessed	
tilt max 90°	
rotation 350°	
white , RAL9016 <sup>1</sup>	
IP20	
1280 lm	

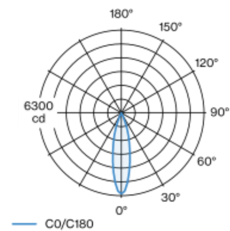
<b>LED</b>	
3500 K	
CRI ≥ 90	
L80 / 50000 h	
initial MacAdam ≤ 2 SDCM	
R <sub>g</sub> : 97 , R <sub>f</sub> : 90 , R <sub>f(1-5)</sub> : 89	
MR 0.7	
MDER 0.63	

<b>Optical</b>	
medium	
beam angle 24°	
PstLM ≤ 1.0 <sup>2</sup>	
SVM ≤ 0.4 <sup>2</sup>	

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 3500 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 24° 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;

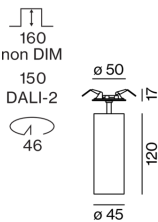
<b>Electrical</b>	
DALI-2	
system 15.9 W	
inset 13.5 W	
36 Vf	
400 mA	
PC2 220-240V	
system 81 lm/W <sup>3</sup>	
inset 95 lm/W <sup>4</sup>	
1 DALI Addr.	

## Light distribution



medium 24°			
h (m)	EO° (lx)	ø (m)	
1	6160	0.43	
2	1540	0.86	
3	680	1.30	
4	390	1.73	
5	250	2.16	

## Product drawing



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

<b>Cutout</b>	
diameter 46 mm	
min. ceiling thickness 2 mm	
max. ceiling thickness 25 mm	
recessed depth 150 mm	

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. optical losses and the efficiency of the operating device (converter)  
<sup>4</sup> incl. optical losses

## Installation instructions



## Lighting calculator

