

# BO 45 semi-recessed

049-613071XF 002-90724



Project / Type

Notes

Count / Date



220-240V

General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

1320 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 97 , R<sub>f</sub>: 90 , R<sub>(1-15)</sub>: 89

MR 0.7

MDER 0.63

Optical

flood

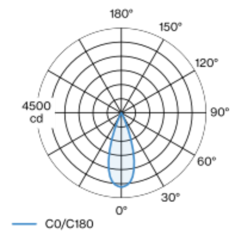
beam angle 36°

PstLM ≤ 1.0 <sup>1</sup>

SVM ≤ 0.4 <sup>1</sup>

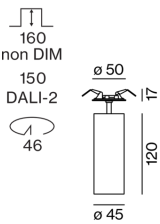
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2 220-240V; 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;

## 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



Electrical

non DIM

15.9 W

PC2 220-240V

83 lm/W

Physical

diameter 45 mm

height 149 mm

0.39 kg

Cutout

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 160 mm

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

Installation instructions

Lighting calculator

