

BO 45 semi-recessed

049-613051XS 002-90720



Project / Type

Notes

Count / Date



220-240V

220-240V

X-PERT

X-PERT

General

Ceiling , Semi-Recessed

tilt max 90°

rotation 350°

special colours

IP20

1080 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 91 , R_{f1-15}: 88

MR 0.59

MDER 0.53

Optical

spot

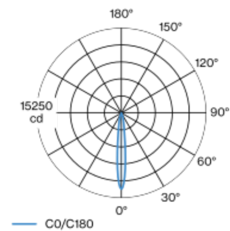
beam angle 12°

PstLM ≤ 1.0 ¹

SVM ≤ 0.4 ¹

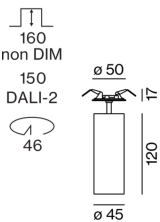
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 3 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 12° 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;

Light distribution



spot 12°		
h (m)	EO° (lx)	ø (m)
1	13700	0.21
2	3400	0.42
3	1500	0.63
4	900	0.84
5	500	1.06

Product drawing



Electrical

DALI-2

14.6 W

PC2 220-240V

74 lm/W

1 DALI Addr.

Physical

diameter 45 mm

height 149 mm

0.44 kg

Cutout

min. ceiling thickness 2 mm

max. ceiling thickness 25 mm

recessed depth 150 mm

¹ Value of containing product at full load (undimmed)

Installation instructions

Lighting calculator

