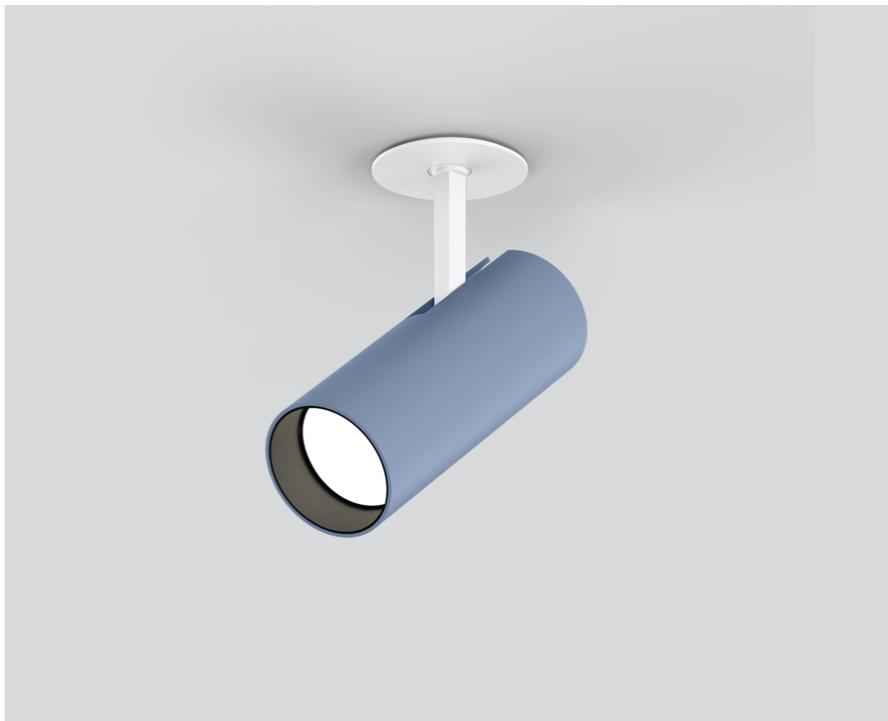


BO 45 semi-recessed

049-613051XF 002-90728



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Semi-Recessed
 tilt max 90°
 rotation 350°
 special colours
 IP20
 1320 lm

LED

3000 K
 CRI ≥ 90
 L80 / 50000 h
 initial MacAdam ≤ 2 SDCM
 R_g: 100 , R_f: 91 , R_{f(1-15)}}: 88
 MR 0.59
 MDER 0.53

Optical

flood
 beam angle 36°
 PstLM ≤ 1.0 ¹
 SVM ≤ 0.4 ¹

Electrical

DALI-2
 system 15.9 W
 inset 13.5 W
 36 Vf
 400 mA
 PC2 220-240V
 system 83 lm/W²
 inset 98 lm/W³
 1 DALI Addr.

Physical

diameter 45 mm
 height 149 mm
 0.34 kg

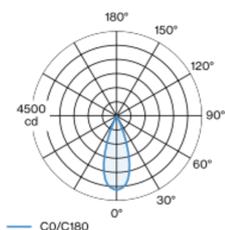
Cutout

diameter 46 mm
 min. ceiling thickness 2 mm
 max. ceiling thickness 25 mm
 recessed depth 150 mm

¹ Value of containing product at full load (undimmed)
² incl. optical losses and the efficiency of the operating device (converter)
³ incl. optical losses

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 ≤ 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. 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;

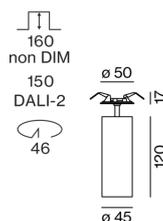
Light distribution



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



Installation instructions



Lighting calculator

