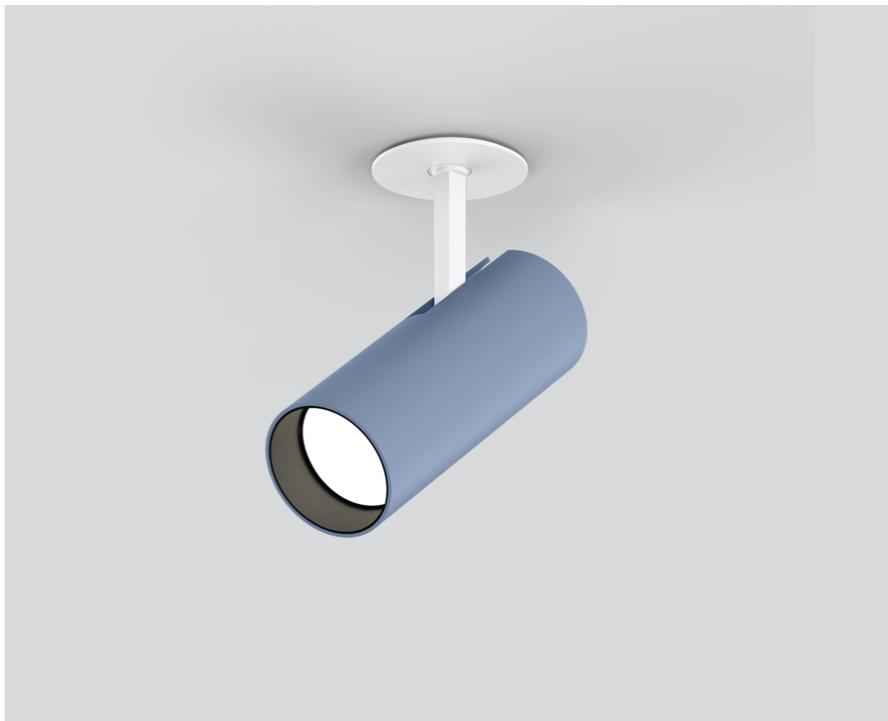


BO 45 semi-recessed

049-613071XM 002-90724



Project / Type _____
 Notes _____
 Count / Date _____



General

Ceiling , Semi-Recessed _____
 tilt max 90° _____
 rotation 350° _____
 special colours _____
 IP20 _____
 1280 lm _____
 fixture 95 lm/W¹ _____

LED

3500 K _____
 CRI ≥ 90 _____
 L80 / 50000 h _____
 initial MacAdam ≤ 2 SDCM _____
 R_g: 97 , R_r: 90 , R₍₁₋₁₅₎: 89 _____
 MR 0.7 _____
 MDER 0.63 _____

Optical

medium _____
 beam angle 24° _____
 P_{stLM} ≤ 1.0² _____
 SVM ≤ 0.4² _____

Electrical

non DIM _____
 220-240 V _____
 system 15.9 W _____
 fixture 13.5 W _____
 36 Vf _____
 400 mA _____
 PC2 _____

Physical

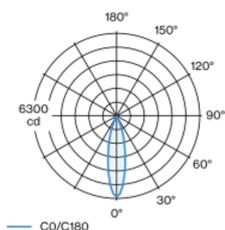
diameter 45 mm _____
 height 149 mm _____
 0.39 kg _____

Cutout

diameter 46 mm _____
 min. ceiling thickness 2 mm _____
 max. ceiling thickness 25 mm _____
 recessed depth 160 mm _____

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 24° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; 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;

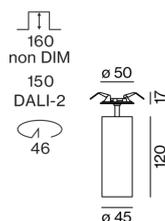
Light distribution



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



¹ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.
² Value of containing product at full load (undimmed)

Installation instructions



Lighting calculator

