

BO 45 semi-recessed

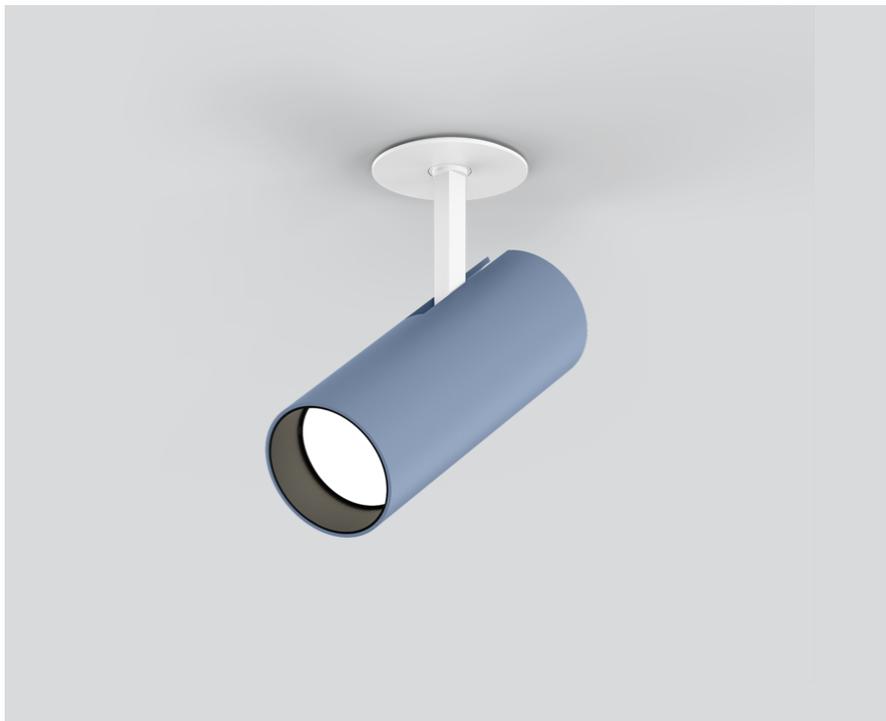
049-613071XV 002-90726



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Semi-Recessed
 tilt max 90°
 rotation 350°
 special colours
 IP20
 437 lm
 fixture 63 lm/W¹

LED

3500 K
 CRI ≥ 90
 L85 / 50000 h
 initial MacAdam ≤ 3 SDCM
 R_g: 97 , R_r: 90 , R₍₁₋₁₅₎: 87
 MR 0.68
 MDER 0.62

Optical

super spot
 beam angle 8°
 P_{stLM} ≤ 1.0²
 SVM ≤ 0.4²

Electrical

non DIM
 220-240 V
 system 9.2 W
 fixture 6.9 W
 11 Vf
 600 mA
 PC2

Physical

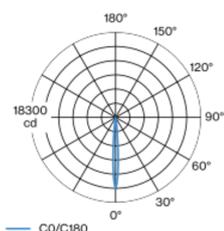
diameter 45 mm
 height 149 mm
 0.09 kg

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 high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3500 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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;

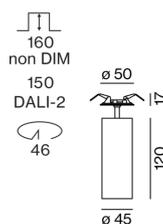
Light distribution



super spot 8°

h (m)	E0° (lx)	ø (m)
1	15300	0.14
2	3800	0.28
3	1700	0.41
4	1000	0.55
5	600	0.69

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

