BO 45 semi-recessed

049-613071XV 002-90729
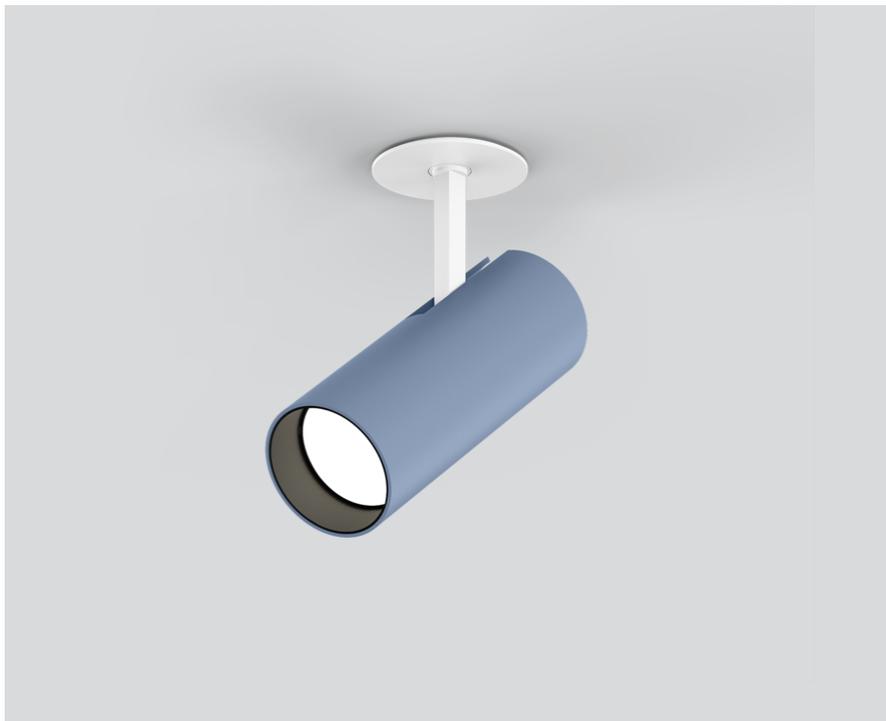
General

Ceiling | Semi-Recessed
tilt max 90°
rotation 350°
special colours
IP20
437 lm
fixture 63 lm/W [1]

LED

3500 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 97 | R_f: 90 | $R_{(1-15)}$: 87
MR 0.68 | MDER 0.62

Optical

super spot | beam angle 8°
PstLM ≤ 1.0 [2] | SVM ≤ 0.4 [2]

Electrical

DALI-2 | 1 DALI Addr.
PC2 | 220-240 V
system 9.2 W | fixture 6.9 W
11 Vf | 600 mA

Physical

diameter 45 mm | height 149 mm
0.41 kg

Cutout

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

[1] incl. consideration of optical losses & internal control unit losses
[2] Value of containing product at full load (undimmed)

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. 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
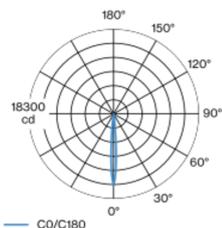
super spot 8°

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

160 non DIM
150 DALI-2
46
ø 50
17
120
ø 45
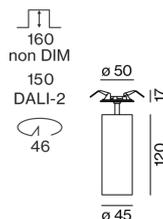
Installation instructions

Lighting calculator