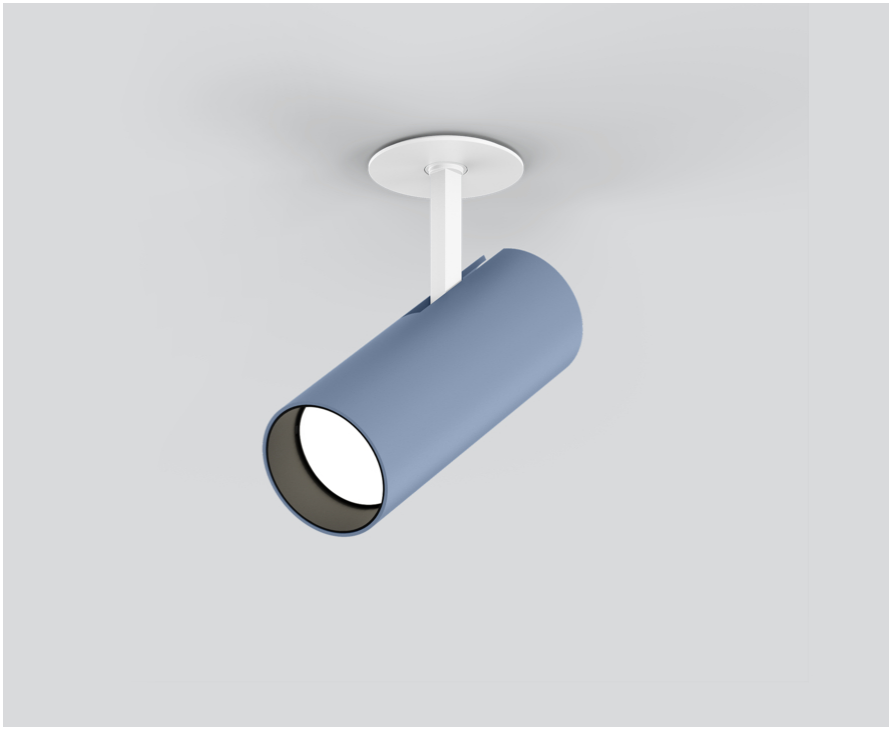
BO 45 semi-recessed

049-613051XV 002-90729

Project / Type

Notes

Count / Date



220-240V | X-PERT | X-PERT

General

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

LED

3000 K
CRI ≥ 90
L85 / 50000 h
initial MacAdam ≤ 3 SDCM
R_g: 98 , R_f: 91 , $R_{f\{1\text{-}15\}}$: 89
MR 0.6
MDER 0.55

Optical

super spot
beam angle 8°
PstLM ≤ 1.0 [1]
SVM ≤ 0.4 [1]

Electrical

DALI-2
9.3 W
PC2 220-240V
37 lm/W
1 DALI Addr.

Physical

diameter 45 mm
height 149 mm
0.04 kg

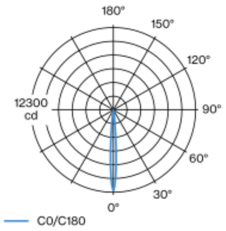
Cutout

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

[1] Value of containing product at full load (undimmed)

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 3000 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 220-240V; 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;

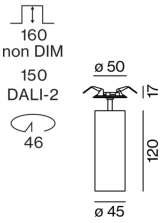
Light distribution



super spot 8°

h (m)	E0° (lx)	ø (m)
1	12100	0.14
2	3000	0.28
3	1300	0.41
4	800	0.55
5	500	0.69

Product drawing



Installation instructions

Lighting calculator

['049-613051XV 002-90729'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

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