

# BO 45 semi-recessed

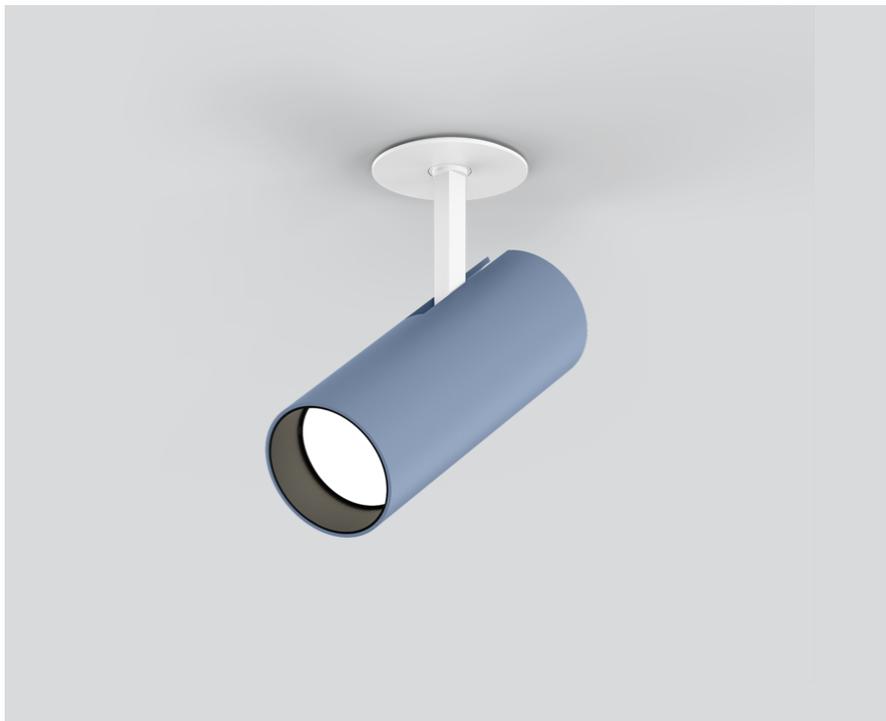
049-613071XS 002-90722



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



## General

Ceiling , Semi-Recessed  
 tilt max 90°  
 rotation 350°  
 special colours  
 IP20  
 1030 lm

## LED

3500 K  
 CRI ≥ 90  
 L80 / 50000 h  
 initial MacAdam ≤ 2 SDCM  
 R<sub>g</sub>: 97 , R<sub>r</sub>: 90 , R<sub>(1-15)</sub>: 89  
 MR 0.7  
 MDER 0.63

## Optical

spot  
 beam angle 12°  
 PstLM ≤ 1.0 <sup>1</sup>  
 SVM ≤ 0.4 <sup>1</sup>

## Electrical

non DIM  
 15.0 W  
 PC2 220-240V  
 69 lm/W

## Physical

diameter 45 mm  
 height 149 mm  
 0.57 kg

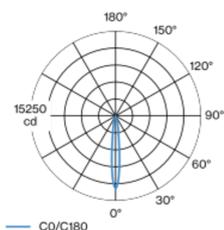
## Cutout

min. ceiling thickness 2 mm  
 max. ceiling thickness 25 mm  
 recessed depth 160 mm

<sup>1</sup> Value of containing product at full load (undimmed)

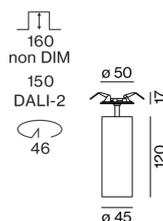
Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; recessed version with trim; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with COB (Chip on Board) technology for maximum efficiency; 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 12° 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. 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



h (m)	E0° (lx)	ø (m)
1	13000	0.21
2	3300	0.42
3	1400	0.63
4	800	0.84
5	500	1.06

## Product drawing



## Installation instructions



## Lighting calculator

