

BO 45 surface

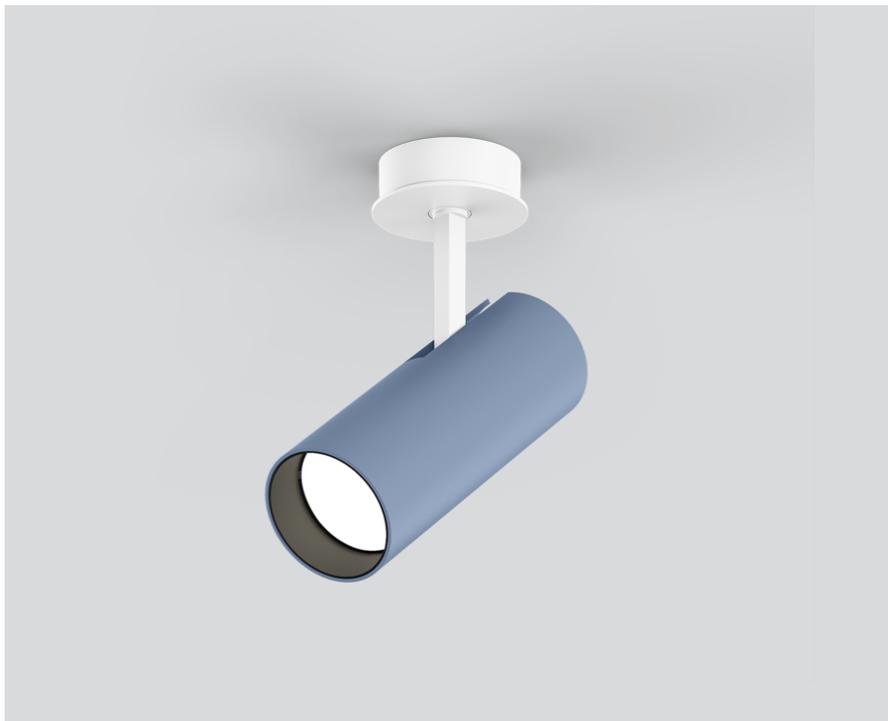
049-623041XS 002-90720



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Surface _____

tilt max 90° _____

rotation 350° _____

special colours _____

IP20 _____

1050 lm _____

fixture 82 lm/W¹ _____

LED

2700 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 , R_r: 91 , R₍₁₋₁₅₎: 89 _____

MR 0.53 _____

MDER 0.48 _____

Optical

spot _____

beam angle 12° _____

P_{stLM} ≤ 1.0² _____

SVM ≤ 0.4² _____

Electrical

DALI-2 _____

220-240 V _____

system 15.0 W _____

fixture 12.8 W _____

37 Vf _____

350 mA _____

PC2 _____

1 DALI Addr. _____

Physical

diameter 45 mm _____

height 155 mm _____

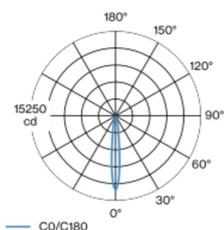
0.44 kg _____

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)

Cylindrical spotlight in aluminium; surface special colours powder coated; 350° rotatable and 90° tiltable; with surface mounted housing; 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 2700 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; 220-240 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



spot 12°

h (m)	EO° (lx)	ø (m)
1	13300	0.21
2	3300	0.42
3	1500	0.63
4	800	0.84
5	500	1.06

Product drawing



Installation instructions



Lighting calculator

