

BO 45 surface

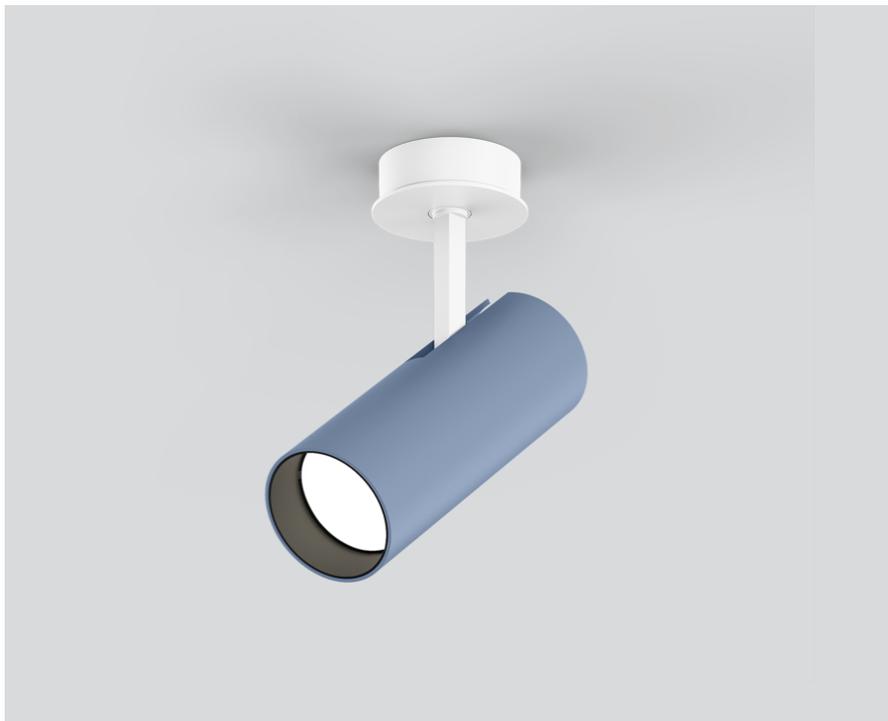
049-623041XF 002-90728



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling , Surface _____
 tilt max 90° _____
 rotation 350° _____
 special colours _____
 IP20 _____
 1240 lm _____

LED

2700 K _____
 CRI ≥ 90 _____
 L80 / 50000 h _____
 initial MacAdam ≤ 2 SDCM _____
 R_g: 99 , R_f: 91 , R₍₁₋₁₅₎: 89 _____
 MR 0.53 _____
 MDER 0.48 _____

Optical

flood _____
 beam angle 36° _____
 PstLM ≤ 1.0 ¹ _____
 SVM ≤ 0.4 ¹ _____

Electrical

DALI-2 _____
 system 15.9 W _____
 inset 13.5 W _____
 36 Vf _____
 400 mA _____
 PC2 220-240V _____
 system 78 lm/W² _____
 inset 92 lm/W³ _____
 1 DALI Addr. _____

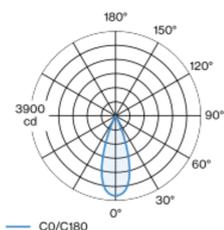
Physical

diameter 45 mm _____
 height 155 mm _____
 0.34 kg _____

¹ Value of containing product at full load (undimmed)
² incl. optical losses and the efficiency of the operating device (converter)
³ incl. optical losses

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 36° 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;

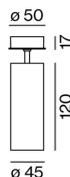
Light distribution



flood 36°

h (m)	EO° (lx)	ø (m)
1	3690	0.65
2	920	1.29
3	410	1.94
4	230	2.59
5	150	3.23

Product drawing



Installation instructions



Lighting calculator

