BO 55 surface

049-624051XS 002-90726

220-240V		X-PERT	X-PERT
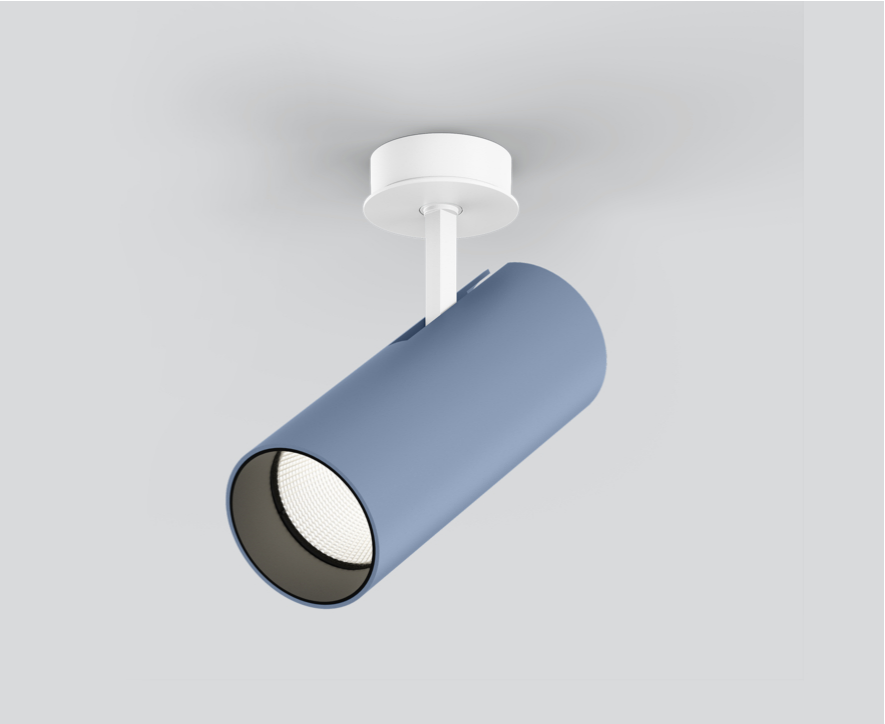
General

Ceiling , Surface
tilt max 90°
rotation 350°
special colours
IP20
1880 lm

LED

3000 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
R_g: 100 , R_f: 91 , $R_{\{1-15\}}$: 88
MR 0.59
MDER 0.53

Optical

spot
beam angle 17°
PstLM ≤ 1.0 [1]
SVM ≤ 0.4 [1]

## Electrical

non DIM
24.7 W
PC2 220-240V
76 lm/W

Physical

diameter 55 mm
height 165 mm
0.55 kg

[1] 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 3000 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 17° 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;
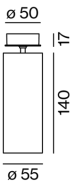
Installation instructions

Lighting calculator

Light distribution
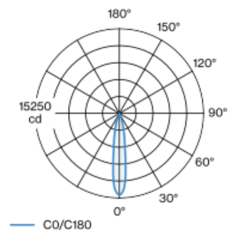
spot 17°

h (m)	E0° (lx)	ø (m)
1	14700	0.30
2	3700	0.59
3	1600	0.89
4	900	1.19
5	600	1.48

— C0/C180

Product drawing

ø 50
17
140
ø 55