

BO 55 intrack 1 lamp

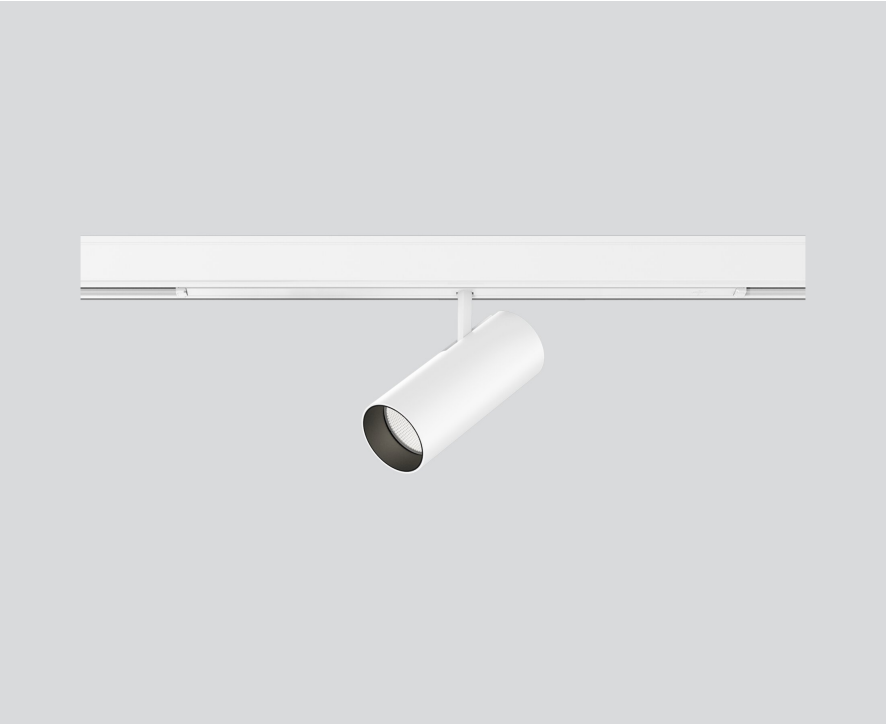
180-7330537F



Project / Type

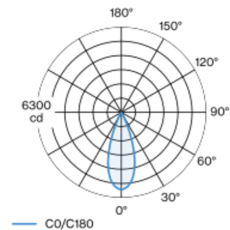
Notes

Count / Date



Tracked spotlight in die-cast aluminium with 3-phase adapter; classic style in elegant design for discerning requirements; 1 lamp; cylindrical spotlight head; surface traffic white powder coated; spotlight head 360° rotatable and 90° tiltable; converter integrated in the power track adapter; 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 37° 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; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track; incl. DALI-2 converter; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

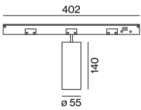
Light distribution



flood 37°

h (m)	EO ¹ (lx)	ø (m)
1	5710	0.67
2	1430	1.34
3	630	2.01
4	360	2.68
5	230	3.35

Product drawing



General

Ceiling | Track

tilt max 90°

rotation 360°

traffic white | RAL 9016

IP20

2090 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 99 | R_f: 90 | R_{t(1-15)}: 87

MR 0.6 | MDER 0.54

Optical

flood | beam angle 37°

PstLM ≤ 1.0 ^{1 2 3 4} | SVM ≤ 0.4 ^{1 2 3 4}

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 24.5 W

system 85 lm/W⁵

Physical

diameter 55 mm | height 140 mm

0.45 kg

¹ wallwasher lens BO 55 007-1965790
² oval lens BO 55 007-1965890 ³ soft lens BO 55 007-1965990
⁴ Value of containing product at full load (undimmed)
⁵ incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator

