

BO 55 intrack 1 lamp

180-7330437M



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 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 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 31° 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;



General

Ceiling | Track

tilt max 90°

rotation 360°

white | RAL 9016 ¹

IP20

1790 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

medium | beam angle 31°

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 24.7 W

system 72 lm/W ³

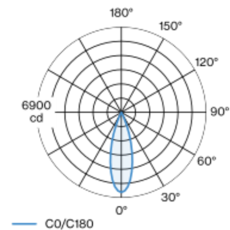
Physical

diameter 55 mm | height 140 mm

0.59 kg

¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

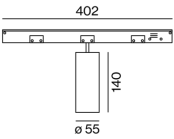
Light distribution



medium 31°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1 | 6460 | 0.55 |
| 2 | 1610 | 1.10 |
| 3 | 720 | 1.65 |
| 4 | 400 | 2.20 |
| 5 | 260 | 2.75 |

Product drawing



Installation instructions



Lighting calculator

