

BO 45 intrack 1 lamp

180-7230538F



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 black 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 36° beam; good glare control through recessed light point level; optical attachment available as accessory; accessories are listed separately; degree of protection IP20; PC2; 220-240 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°

black | RAL 9005 ¹

IP20

1320 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_g: 100 | R_f: 91 | R_{t(1-15)}: 89

MR 0.59 | MDER 0.53

Optical

flood | beam angle 36°

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 15.9 W

system 83 lm/W ²

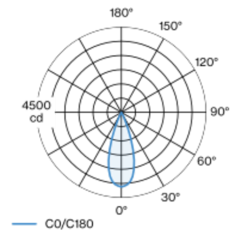
Physical

diameter 45 mm | height 120 mm

0.34 kg

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

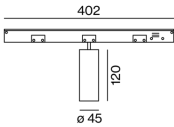
Light distribution



flood 36°

h (m)	E0° (lx)	ø (m)
1	3930	0.65
2	980	1.29
3	440	1.94
4	250	2.59
5	160	3.23

Product drawing



Installation instructions



Lighting calculator

