

# BO 45 intrack 1 lamp

180-7230437V



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 high power LED for maximum efficiency; no appearance of multiple shadows; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° 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°

traffic white | RAL 9016

IP20

406 lm

### LED

2700 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 91 | R<sub>(1-15)</sub>: 89

MR 0.54 | MDER 0.49

### Optical

super spot | beam angle 8°

### Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 8.4 W

system 48 lm/W <sup>1</sup>

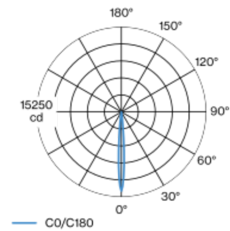
### Physical

diameter 45 mm | height 120 mm

0.34 kg

<sup>1</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

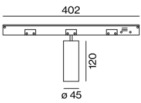
### Light distribution



super spot 8°

h (m)	EO° (lx)	ø (m)
1	14200	0.14
2	3500	0.28
3	1600	0.41
4	900	0.55
5	600	0.69

### Product drawing



### Installation instructions



### Lighting calculator

