

# BO 45 intrack 1 lamp

180-7230538S



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 jet 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 12° 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°

jet black | RAL 9005

IP20

1180 lm

## LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R<sub>g</sub>: 99 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 87

MR 0.6 | MDER 0.54

## Optical

spot | beam angle 12°

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 15.0 W

system 79 lm/W <sup>1</sup>

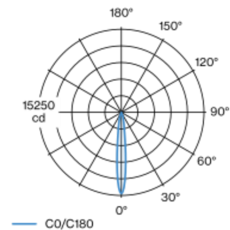
## Physical

diameter 45 mm | height 120 mm

0.34 kg

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

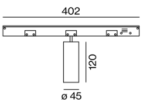
## Light distribution



spot 12°

| h (m) | E0° (lx) | ø (m) |
|-------|----------|-------|
| 1     | 14900    | 0.21  |
| 2     | 3700     | 0.42  |
| 3     | 1700     | 0.63  |
| 4     | 900      | 0.84  |
| 5     | 600      | 1.06  |

## Product drawing



## Installation instructions



## Lighting calculator

