

# BO 45 intrack 1 lamp

180-7230637M



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 4000 K; binning initial MacAdam  $\leq 2$  SDCM; CRI  $\geq 90$ ; 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 24° 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

1470 lm

## LED

4000 K

CRI  $\geq 90$

L80 / 50000 h

initial MacAdam  $\leq 2$  SDCM

R<sub>g</sub>: 98 | R<sub>f</sub>: 90 | R<sub>t(1-15)</sub>: 88

MR 0.8 | MDER 0.72

## Optical

medium | beam angle 24°

## Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 15.8 W

system 93 lm/W <sup>1</sup>

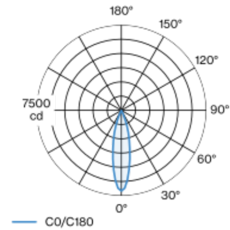
## Physical

diameter 45 mm | height 120 mm

0.34 kg

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

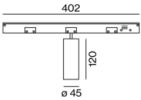
## Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	7080	0.43
2	1770	0.86
3	790	1.30
4	440	1.73
5	280	2.16

## Product drawing



## Installation instructions



## Lighting calculator



[180-7230637M] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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