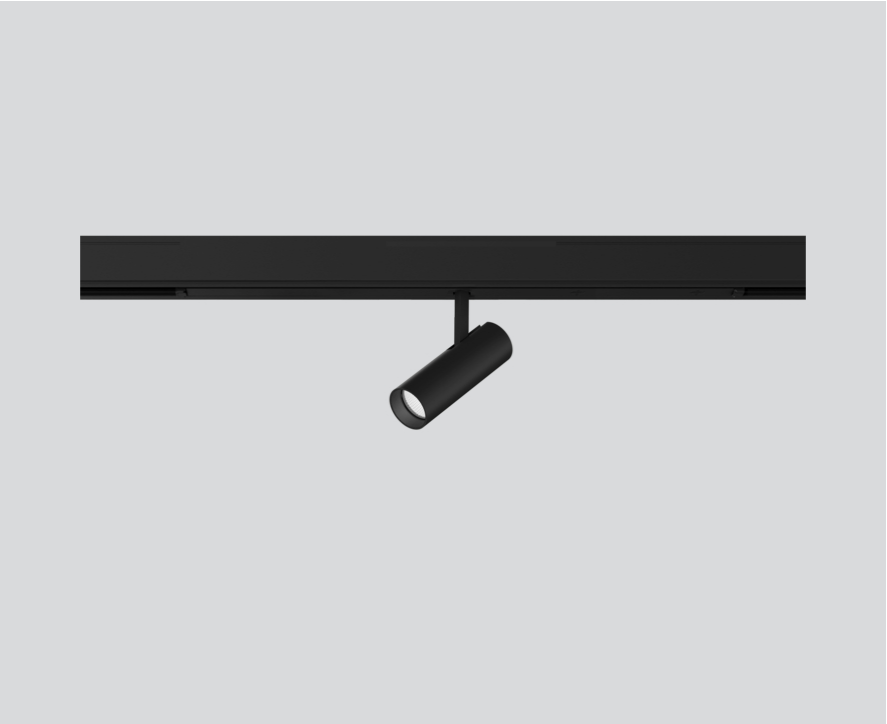
# **BO 32** intrack 1 lamp

180-7130438S

Project / Type

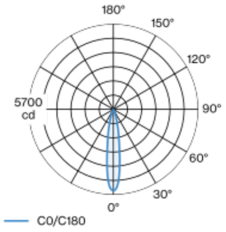
Notes

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 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 18° 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;

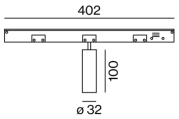
## Light distribution




spot 18°

| h (m) | E0° (lx) | ø (m) |
|---|---|---|
| 1 | 5430 | 0.31 |
| 2 | 1360 | 0.62 |
| 3 | 600 | 0.92 |
| 4 | 340 | 1.23 |
| 5 | 220 | 1.54 |

## Product drawing




### General

Ceiling , Track
tilt max 90°
rotation 360°
black , RAL 9005 [1]
IP20
699 lm

### LED

2700 K
CRI ≥ 90
L80 / 50000 h
initial MacAdam ≤ 2 SDCM
$R_g$: 99 , $R_f$: 91 , $R_{f\{1\text{-}15\}}$: 89
MR 0.53
MDER 0.48

### Optical

spot
beam angle 18°

### Electrical

DALI-2
220-240 V
system 10.7 W
system 65 lm/W[2]
PC2
1 DALI Addr.

### Physical

diameter 32 mm
height 100 mm

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

## Installation instructions

## Lighting calculator

['180-7130438S'] 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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