

180-7130537M



Project / Type

Notes

Count / Date



General

Ceiling | Track

tilt max 90°

rotation 360° white | RAL 9016 ¹

IP20

759 lm

LED

3000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_q: 100 | R_f: 91 | R_{1-15}: 89

MR 0.59 | MDER 0.53

Optical

medium | beam angle 23°

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 10.7 W

system 71 lm/W²

Physical

diameter 32 mm | height 100 mm

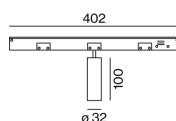
0.31 kg

¹ RAL code² incl. consideration of optical losses, internal control unit losses & operating device efficiency

medium 23°

h (m)	E0° (lx)	ø (m)
1	4400	0.41
2	1100	0.82
3	490	1.22
4	280	1.63
5	180	2.04

Product drawing



Installation instructions



Lighting calculator



[180-7103537M] 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.

© XAL GmbH · Auer-Welsbach-Strasse 36 · 8055 Graz · Austria · www.xal.com

15.06.2025

BO 32 intrack 1 lamp

180-7130537M



Project / Type

Notes

Count / Date

Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.96	0.92	0.88	0.85	0.81
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Optical accessories

HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	30	007-1965168



Optical accessories

OVAL LENS

Ø (MM)	ARTICLE NUMBER(S)
30	007-1965860



SOFT LENS

Ø (MM)	ARTICLE NUMBER(S)
30	007-1965960



WALLWASHER LENS

Ø (MM)	ARTICLE NUMBER(S)
30	007-1965760

