

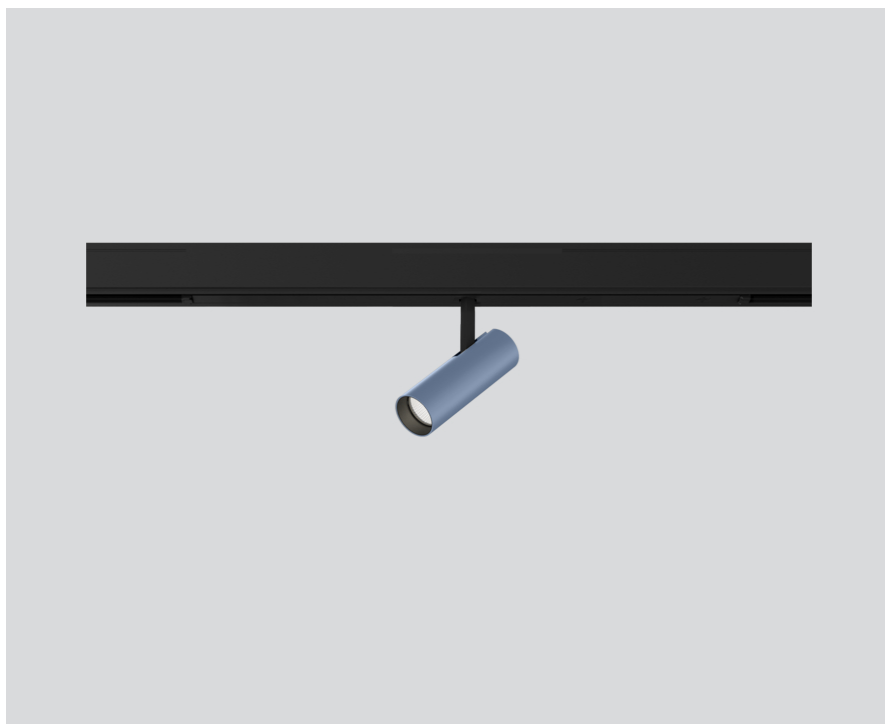
180-713073XF



Project / Type

Notes

Count / Date



General

Ceiling | Track

tilt max 90°

rotation 360°

special colours

IP20

704 lm

LED

3500 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 2 SDCM

R_q: 97 | R_f: 90 | R_{1-15}: 89

MR 0.7 | MDER 0.63

Optical

flood | beam angle 37°

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 10.7 W

system 66 lm/W¹

Physical

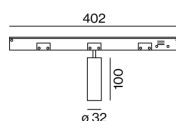
diameter 32 mm | height 100 mm

[†] incl. consideration of optical losses, internal control unit losses & operating device efficiency

flood 37°

h (m)	E0° (lx)	ø (m)
1	1950	0.67
2	490	1.34
3	220	2.01
4	120	2.68
5	80	3.35

Product drawing



Installation instructions



Lighting calculator



BO 32 intrack 1 lamp

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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
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

