



Project / Type

Notes

Count / Date



General

Ceiling , Track

tilt max 310°

rotation 360°

white , RAL 9016 ¹

IP20

1020 lm

LED

3500 K

CRI ≥ 90

L95 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 97 , R_f: 92 , R_(f-15): 92

MR 0.73

MDER 0.66

Optical

medium

beam angle 24°

Electrical

DALI-2

220-240 V

system 18.8 W

system 54 lm/W²

PC1

Physical

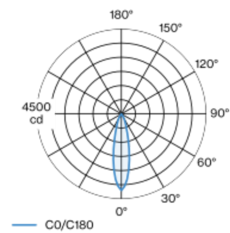
diameter 70 mm

height 98 mm

0.95 kg

set screw (tool required)

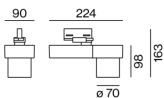
Light distribution



medium 24°

h (m)	E0° (lx)	ø (m)
1	4050	0.42
2	1010	0.84
3	450	1.27
4	250	1.69
5	160	2.11

Product drawing



¹ RAL code

² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	1	1	1	0.98	0.95
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^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.

Mounting accessories

RECESSED HOUSING

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
point outlet	traffic white	151	186-072277
point outlet	jet black	151	186-072278



SURFACE HOUSING

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
point outlet	traffic white	120	186-072287
point outlet	jet black	120	186-072288



Optical accessories

SNOOT

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	62	080-5900008



HONEYCOMB LOUVER

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
jet black	61	080-5900018

