

L1

MOVE IT 45

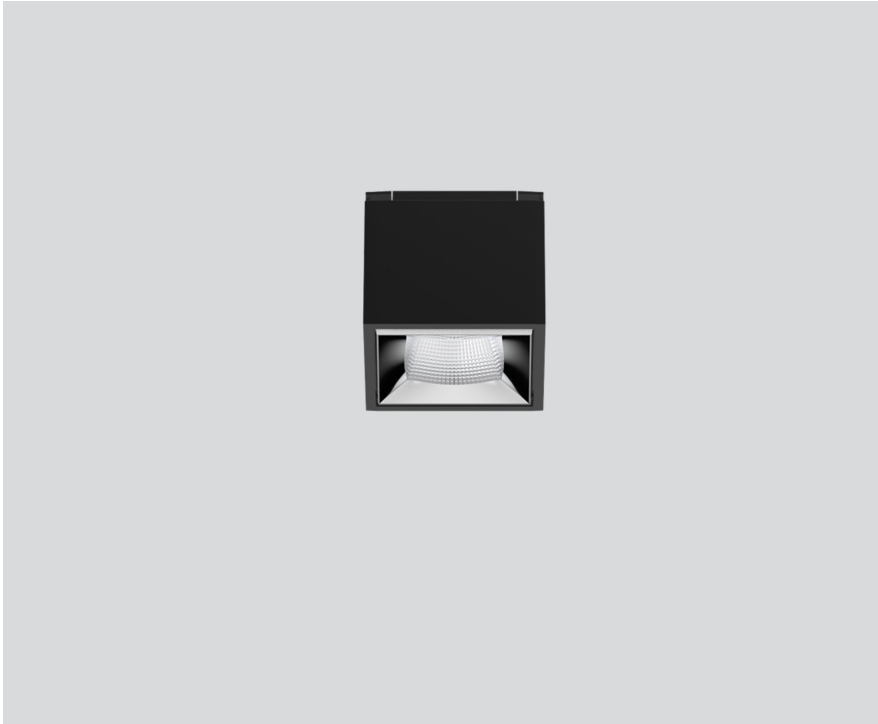
090-9L1D3FB001



Project / Type

Notes

Count / Date



Linear light inset made of aluminium; surface anodised jet black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; equipped with a flood square light element; symmetrical light distribution with precise radiation characteristic, beam angle 52°; high quality reflector with micro-faceted, aluminum-vaporised surface; UGR ≤ 16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m²; passive cooling of the LEDs through improved heat sink geometry; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 80% of luminous flux after 50000 operating hours; energy-efficient high power LEDs with very good colour rendering; degree of protection IP20; PC3; 48 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;



General

Ceiling | Track

jet black | RAL 9005

chrome

IP20

186 lm

optical inset 87 lm/W ¹

LED

tunable white | 2700 K - 5000 K

CRI ≥ 80

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.55 | MDER 0.5

Optical

flood square | beam angle 52°

UGR ≤ 16 | ≥65° <1500 cd/m²

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

DT8

PC3 | 48 V

fixture 2.5 W

optical inset 2.1 W

Physical

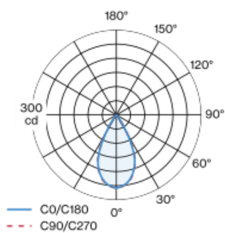
length 43 mm | width 43 mm | height 48 mm

0.1 kg

¹ incl. consideration of optical losses

² Value of containing product at full load (undimmed)

Light distribution



Product drawing



Installation instructions



Lighting calculator





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.93	0.89	0.85	0.81
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

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.