

L1

MOVE IT 45

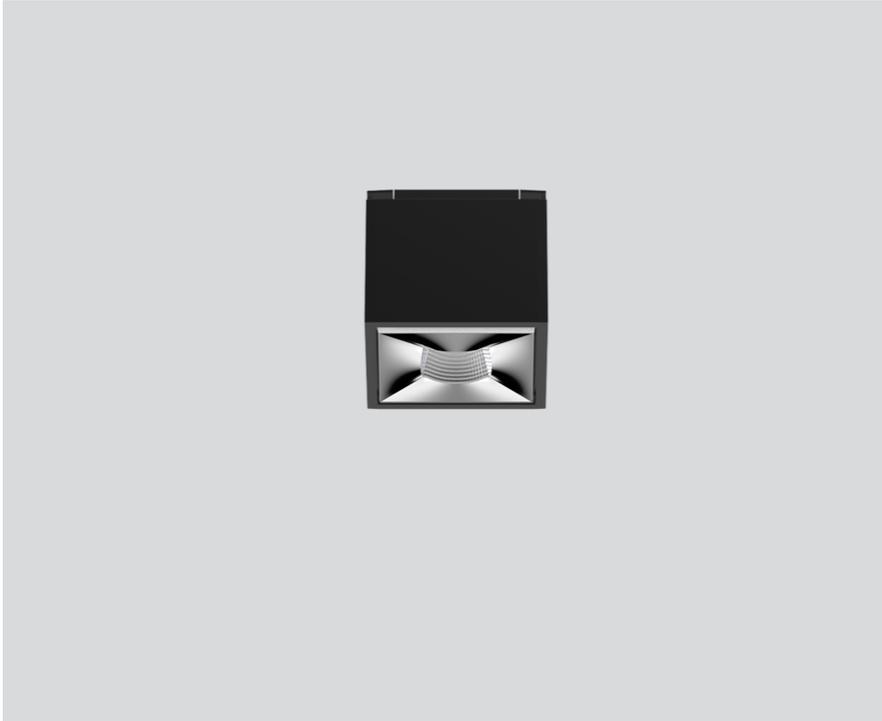
090-9L163EB001



Project / Type

Notes

Count / Date

**General**

Ceiling , Track

black , RAL 9005 ¹

chrome

IP20

308 lm

optical inset 107 lm/W²**LED**

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 102 , R_f: 93 , R_{f(1-15)}: 92

MR 0.81

MDER 0.74

Optical

medium square

beam angle 33°

UGR < 10 , ≥65° <1500 cd/m²P_{stLM} ≤ 1.0 ³SVM ≤ 0.4 ³

Linear light inset made of aluminium; surface anodised 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 medium square light element; symmetrical light distribution with precise radiation characteristic, beam angle 33°; high quality reflector with micro-faceted, aluminum-vaporised surface; UGR ≤ 10; 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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; 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;

Electrical

DALI-2

48 V

fixture 3.4 W

fixture 91 lm/W⁴

optical inset 2.9 W

PC3

1 DALI Addr.

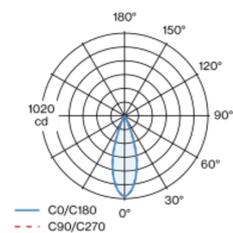
Physical

length 43 mm

width 43 mm

height 48 mm

0.1 kg

Light distribution**Product drawing**¹ RAL code² OPTICAL INSET: incl. consideration of optical losses³ Value of containing product at full load (undimmed)⁴ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: 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	0.94	0.91	0.89	0.87	0.84
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.