

# L4

MOVE IT 45

090-9L463FB001



Project / Type

Notes

Count / Date



## General

Ceiling , Track

black , RAL9005 <sup>1</sup>

Reflector chrome

IP20

1440 lm

## LED

4000 K

CRI ≥ 90

L80 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 102 , R<sub>f</sub>: 93 , R<sub>f(1-15)</sub>: 92

MR 0.81

MDER 0.74

## Optical

flood square

beam angle 56°

UGR < 19 , ≥65° <1500 cd/m²

## Electrical

DALI-2

13.8 W

PC3 48V

104 lm/W

1 DALI Addr.

## Physical

length 156 mm

width 43 mm

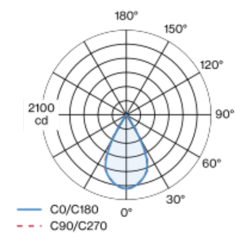
height 48 mm

0.4 kg

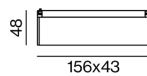
<sup>1</sup> RAL code

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 four flood square light elements; symmetrical light distribution with precise radiation characteristic; beam angle 56°; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; UGR ≤ 19; 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 48V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;

## 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	0.94	0.91	0.89	0.87	0.84
LSF	1	1	1	1	1

MF

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Faktor

<sup>a</sup> 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.