

# L4

MOVE IT 45

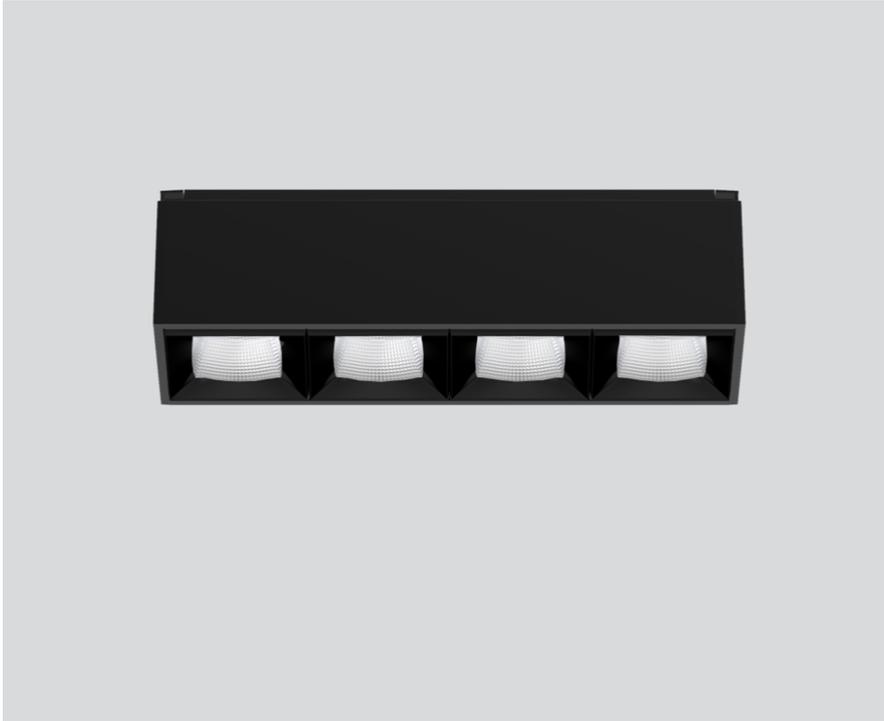
090-9L4D3FBB01



Project / Type

Notes

Count / Date



## General

Ceiling , Track

black , RAL9005 <sup>1</sup>

Reflector black

IP20

746 lm

## LED

tunable white

2700 K - 5000 K

CRI  $\geq$  90

L80 / 50000 h

initial MacAdam  $\leq$  3 SDCM

MR 0.55

MDER 0.5

## Optical

flood square

beam angle 52°

UGR < 16 ,  $\geq$ 65° <1500 cd/m<sup>2</sup>

## Electrical

DALI-2

10.1 W

PC3 48V

74 lm/W

1 DALI Addr.

## Physical

length 156 mm

width 43 mm

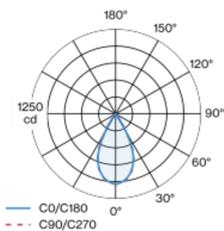
height 48 mm

0.4 kg

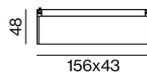
<sup>1</sup> RAL code

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 52°; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector black; UGR  $\leq$  16; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65°  $\leq$  1500 cd/m<sup>2</sup>; passive cooling of the LEDs through improved heat sink geometry; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam  $\leq$  3 SDCM; CRI  $\geq$  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	0.98	0.93	0.89	0.85	0.81
LSF	1	1	1	1	1

MF LMF × RSMF × LLMF × LSF RSMF<sup>a</sup> Room Surface Maintenance Factor  
MF Maintenance Factor LLMF Lamp Lumens Maintenance Factor  
LMF<sup>a</sup> Luminaire Maintenance Factor LSF 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.