

# L4

MOVE IT 45

090-9L4D3FBB01



Project / Type

Notes

Count / Date



## General

Ceiling , Track

black , RAL 9005 <sup>1</sup>

Reflector black

IP20

746 lm

optical inset 87 lm/W<sup>2</sup>

## 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/m<sup>2</sup>

PstLM ≤ 1.0 <sup>3</sup>

SVM ≤ 0.4 <sup>3</sup>

## Electrical

DALI-2 DT8

48 V

fixture 10.1 W

fixture 74 lm/W<sup>4</sup>

optical inset 8.6 W

PC3

1 DALI Addr.

## Physical

length 156 mm

width 43 mm

height 48 mm

0.4 kg

<sup>1</sup> RAL code

<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

<sup>3</sup> Value of containing product at full load (undimmed)

<sup>4</sup> FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

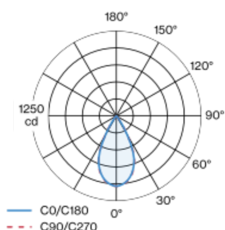
## Installation instructions



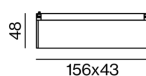
## Lighting calculator



## Light distribution



## Product drawing



['090-9L4D3FBB01'] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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06.04.2025



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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<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.