

# L24 OFFICE

MOVE IT 45

050-3213D38R



Project / Type

Notes

Count / Date



## General

Ceiling , Track

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

Reflector chrome

IP20

2800 lm

optical inset 163 lm/W<sup>2</sup>

## LED

tunable white

2700 K - 6500 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.48

MDER 0.44

## Optical

symmetric

beam angle 69°

UGR < 19 , ≥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 20.2 W

fixture 139 lm/W<sup>4</sup>

optical inset 17.2 W

PC3

1 DALI Addr.

## Physical

length 906 mm

width 43 mm

height 48 mm

1.12 kg

<sup>1</sup> RAL code

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

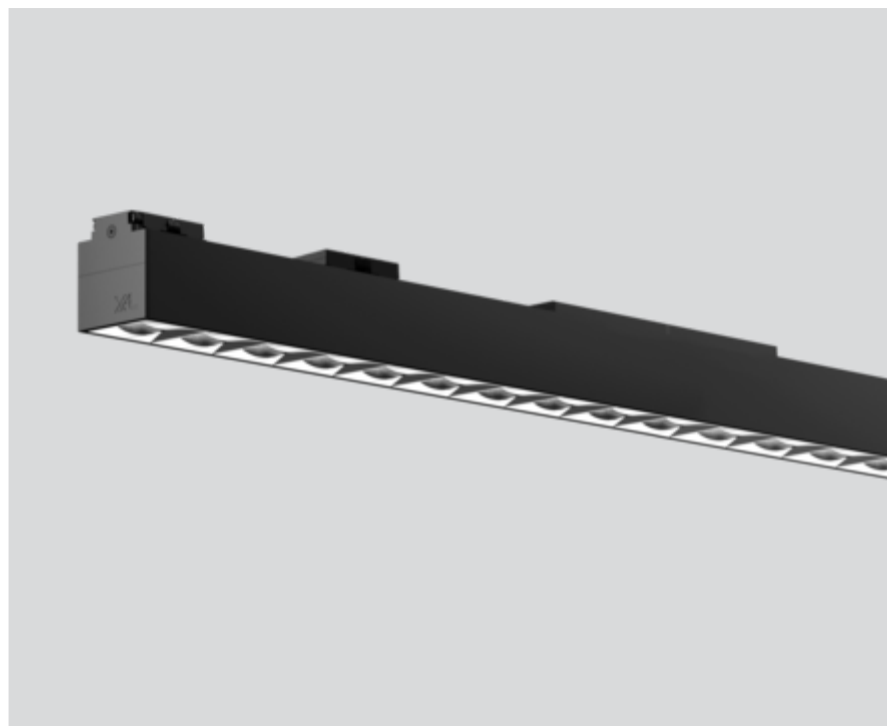
<sup>3</sup> Value of containing product at full load (undimmed)

<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

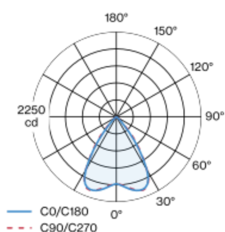


## Lighting calculator

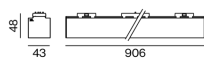


Linear light inset made of aluminium; surface anodised black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; equipped with 24 specially computed OFFICE light elements; high gloss reflector with faceted design; Reflector chrome; precise radiation characteristic with symmetrical light distribution; UGR ≤ 19; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 1500 cd/m<sup>2</sup>; passive cooling of the LEDs through improved heat sink geometry; light colour: tunable white diodes (2700-6500 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 80; min. 90% 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;

## Light distribution



## Product drawing





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
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.