

# L10 OFFICE

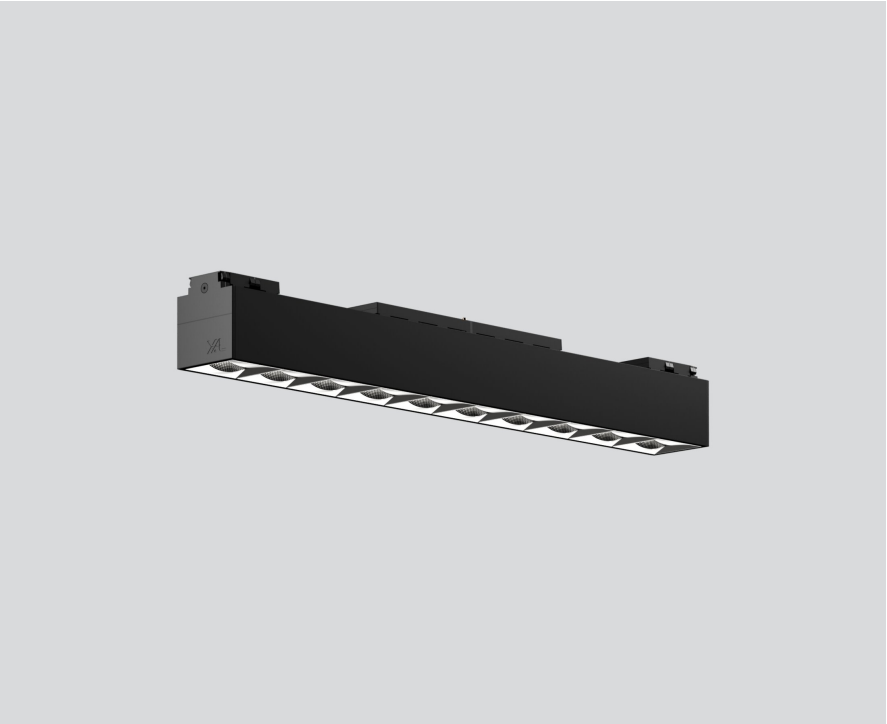
MOVE IT 45  
050-32116380R



Project / Type

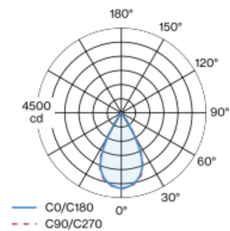
Notes

Count / Date



Linear light inset made of aluminium; surface anodised jet 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 ten specially computed OFFICE light elements; high quality reflector with micro-faceted, aluminum-vaporised surface; Reflector chrome; precise radiation characteristic with symmetrical light distribution;  $UGR \leq 16$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 K; binning initial MacAdam  $\leq 3 \text{ SDCM}$ ; CRI  $\geq 90$ ; min. 85% 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



## General

Ceiling | Track

jet black | RAL 9005

Reflector chrome

IP20

3110 lm

optical inset 122 lm/W <sup>1</sup>

## LED

4000 K

CRI  $\geq 90$

L85 / 50000 h

initial MacAdam  $\leq 3 \text{ SDCM}$

R<sub>g</sub>: 94 | R<sub>f</sub>: 87 | R<sub>(1-15)</sub>: 86

MR 0.8 | MDER 0.72

## Optical

symmetric | beam angle 55°

UGR  $\leq 16$  |  $\geq 65^\circ < 1500 \text{ cd/m}^2$

PstLM  $\leq 1.0$  <sup>2</sup> | SVM  $\leq 0.4$  <sup>2</sup>

## Electrical

DALI-2 | 1 DALI Addr.

PC3 | 48 V

fixture 30 W

optical inset 25.5 W

## Physical

length 381 mm | width 43 mm | height 48 mm

0.52 kg

<sup>1</sup> incl. consideration of optical losses  
<sup>2</sup> Value of containing product at full load (undimmed)

## 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	0.94	0.91	0.88	0.85
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

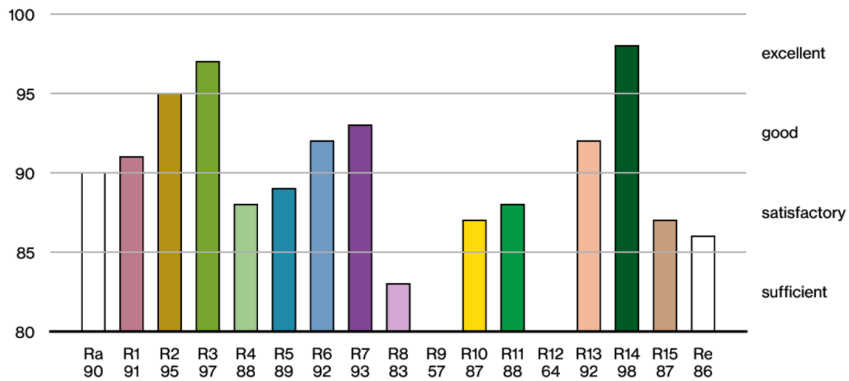
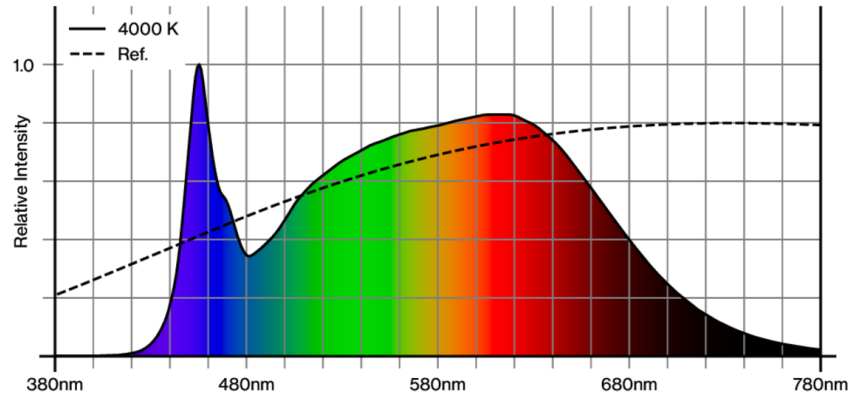
Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

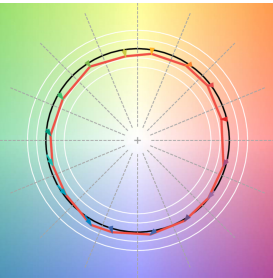
Lamp Survival Factor

<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.

## Colour rendering



## TM30 colour vector graphic



The black line represents the black body reference. The red line indicates the results of the test light source. The deviation from the test light source to the reference is shown and is marked by arrows. The shorter the arrows, the higher the color rendering.

