

DARKLIGHT

MOVE IT 10
030-6210438M



Project / Type

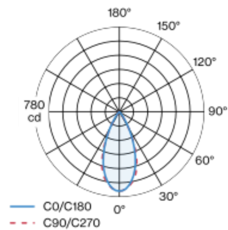
Notes

Count / Date

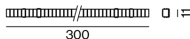


Linear light inset made of plastic; surface jet black; light inset can be installed and moved without tools by means of clip mount; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; with specially computed DARKLIGHT optic; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; good glare control through recessed light point level; UGR ≤ 16 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 1500$ cd/m²; degree of protection IP20; PC3; DALI-2 control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;

Light distribution



Product drawing



General

Ceiling / Wall , Track

jet black , RAL9005 ¹

IP20

441 lm

LED

2700 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_f: 91 , R_{1-15}: 90

MR 0.55

MDER 0.5

Optical

medium

UGR < 16 , $\geq 65^\circ < 1500$ cd/m²

PstLM ≤ 1.0 ²

SVM ≤ 0.4 ²

Electrical

DALI-2

48 V

inset 5.7 W

inset 4.3 W

45 mA

PC3

inset 77 lm/W³

1 DALI Addr.

Physical

length 300 mm

width 11 mm

height 10 mm

¹ RAL code ² Value of containing product at full load (undimmed)
³ SYSTEM: incl. consideration of optical losses and the efficiency of the operating device. INSET: incl. consideration of optical losses.



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.996	0.981	0.967	0.953	0.939
LSF	1	1	1	1	1

MF

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Faktor

^a 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.

