

L10 OFFICE

MOVE IT 45
050-3211D38BR



Project / Type

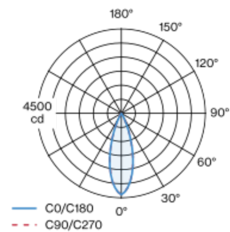
Notes

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 black; precise radiation characteristic with symmetrical light distribution; UGR ≤ 10; 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. 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 black

IP20

1390 lm

optical inset 74 lm/W ¹

LED

tunable white | 2700 K - 6500 K

CRI ≥ 80

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.49 | MDER 0.44

Optical

symmetric | beam angle 32°

UGR ≤ 10

PstLM ≤ 1.0 ² | SVM ≤ 0.4 ²

Electrical

DALI-2 | 1 DALI Addr.

DT8

PC3 | 48 V

fixture 22.2 W

optical inset 18.9 W

Physical

length 381 mm | width 43 mm | height 48 mm

0.5 kg

¹ incl. consideration of optical losses
² 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 | 0.97 | 0.94 | 0.91 | 0.88 | 0.85 |
| 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 Factor

^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.

