

MICROPRISMATIC UGR <

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MOVE IT 45

050-3242D38P



Project / Type

Notes

Count / Date



General

Ceiling / Wall , Track

black , RAL 9005 ¹

IP20

1480 lm

optical inset 87 lm/W²

LED

tunable white

2700 K - 5000 K

CRI ≥ 90

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 100 , R_f: 89 , R_{f(1-15)}: 87

MR 0.95

MDER 0.86

Optical

Microprismatic

microprismatic

PstLM ≤ 1.0 ³

SVM ≤ 0.4 ³

Electrical

DALI-2 DT8 single control

48 V

fixture 24.2 W

optical inset 17.0 W

PC3

1 DALI Addr.

Physical

length 605 mm

width 43 mm

height 48 mm

0.75 kg

¹ RAL code ² incl. consideration of optical losses

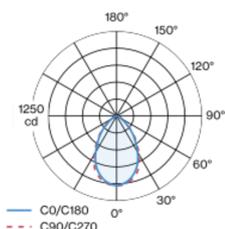
³ Value of containing product at full load (undimmed)

Installation instructions

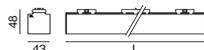


Linear light inset made of aluminium; surface anodised black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; completely homogeneously illuminated, microprismatic PMMA cover; passive cooling of the LEDs through improved heat sink geometry; with CSP (Chip-Scale-Packaging) technology for maximum efficiency; light colour: tunable white diodes (2700-5000 K); binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90; 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^a Room Surface Maintenance Factor
MF Maintenance Factor LLMF Lamp Lumens Maintenance Factor
LMF^a Luminaire Maintenance Factor LSF 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.