

MICROPRISM UGR < 22

MOVE IT 45

050-3242638P



Project / Type

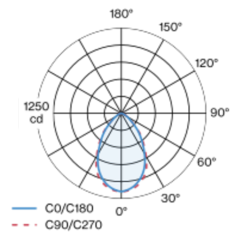
Notes

Count / Date



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 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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 48V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;

Light distribution



Product drawing



General

Ceiling / Wall , Track

black , RAL9005 ¹

IP20

1650 lm

LED

4000 K

CRI ≥ 90

L85 / 50000 h

photobio. safety RG 0 - no Risk

initial MacAdam ≤ 3 SDCM

R_g: 98 , R_r: 90 , R_{t(1-15)}: 88

MR 0.76

MDER 0.69

Optical

Microprismatic

Electrical

DALI-2 single control

25.4 W

PC3 48V

65 lm/W

1 DALI Addr.

Physical

length 605 mm

width 43 mm

height 48 mm

0.62 kg

¹ RAL code

Installation instructions



[050-3242638P] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.
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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.92	0.9	0.87
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.

