

MICROPRISMATIC UGR < 19

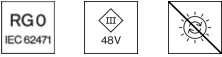
MOVE IT 45
050-3214538P



Project / Type _____

Notes _____

Count / Date _____



General

Ceiling / Wall , Track _____

black , RAL9005 ¹ _____

IP20 _____

1270 lm _____

LED

3000 K _____

CRI ≥ 90 _____

L85 / 50000 h _____

photobio. safety RG 0 - no Risk _____

initial MacAdam ≤ 3 SDCM _____

R_g: 99 , R_r: 91 , R_{f(1-15)}: 89 _____

MR 0.61 _____

MDER 0.55 _____

Optical

Microprismatic _____

microprismatic _____

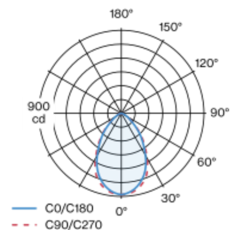
UGR < 19 _____

PstLM ≤ 1.0 ² _____

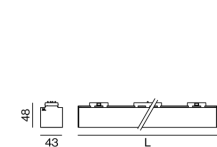
SVM ≤ 0.4 ² _____

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; UGR ≤ 19; passive cooling of the LEDs through improved heat sink geometry; with CSP (Chip-Scale-Packaging) technology for maximum efficiency; light colour 3000 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



Electrical

DALI-2 single control _____

system 18.3 W _____

PC3 48V _____

system 69 lm/W³ _____

1 DALI Addr. _____

Physical

length 1205 mm _____

width 43 mm _____

height 48 mm _____

1.2 kg _____

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

Installation instructions



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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	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 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.

