

# MICROPRISMATIC UGR < 19

MOVE IT 45  
050-3212538P

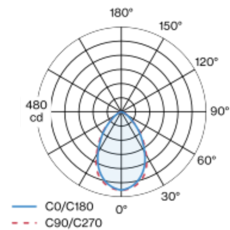


Project / Type	
Notes	
Count / Date	

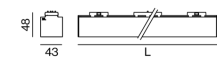


Linear light inset made of aluminium; surface anodised black; light inset can be installed and moved without tools by means of magnetic holders+locking; flush with profile system; power supplied via MOVE IT system track profile; hot plug protection; completely homogeneously illuminated, microprismatic PMMA cover; 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; 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 / Wall , Track	
black , RAL 9005 <sup>1</sup>	
IP20	
636 lm	
optical inset 99 lm/W <sup>2</sup>	

## LED

3000 K	
CRI ≥ 90	
L85 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 99 , R <sub>r</sub> : 91 , R <sub>t(1-15)</sub> : 89	
MR 0.61	
MDER 0.55	

## Optical

Microprismatic	
microprismatic	
UGR ≤ 19	
PstLM ≤ 1.0 <sup>3</sup>	
SVM ≤ 0.4 <sup>3</sup>	

## Electrical

DALI-2 single control	
48 V	
fixture 9.2 W	
optical inset 6.4 W	
PC3	
1 DALI Addr.	

## Physical

length 605 mm	
width 43 mm	
height 48 mm	
0.55 kg	

<sup>1</sup> RAL code  
<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses  
<sup>3</sup> Value of containing product at full load (undimmed)

## 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 <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

<sup>a</sup> 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.

