

# MICROPRISMATIC UGR

## < 19

MOVE IT 45  
050-3212638P



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 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; 48 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source not replaceable;



**General**

Ceiling / Wall   Track	
black   RAL 9005 <sup>1</sup>	
IP20	
701 lm	
optical inset 109 lm/W <sup>2</sup>	

**LED**

4000 K	
CRI ≥ 90	
L85 / 50000 h	
initial MacAdam ≤ 3 SDCM	
R <sub>g</sub> : 98   R <sub>f</sub> : 90   R <sub>t(1-15)</sub> : 88	
MR 0.76   MDER 0.69	

**Optical**

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

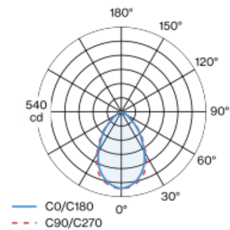
**Electrical**

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

**Physical**

length 605 mm   width 43 mm   height 48 mm	
0.55 kg	

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> 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

MF

LMF<sup>a</sup>

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF<sup>a</sup>

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

<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.

