



Project / Type

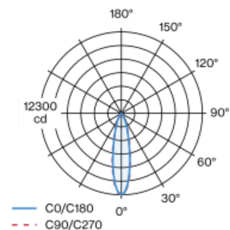
Notes

Count / Date



Linear light inset made of plastic; light inset, incl. high power adapter + converter can be installed flexibly and without tools; flush with profile system; power supplied via MOVE IT PRO system track profile; surface black; fitted with single LED light points; good glare control through recessed light point level; inserted lenses with medium radiation characteristic; for use in schools, retail and offices;  $UGR \leq 13$ ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above  $65^\circ \leq 1500 \text{ cd/m}^2$ ; passive cooling of the LEDs through improved heat sink geometry; light colour 4000 K; binning initial MacAdam  $\leq 3 \text{ SDCM}$ ;  $CRI \geq 90$ ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC2; 220-240 V; DALI single control; flicker-free visual comfort through analogue current control (minimum value 1%); light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Ceiling | Track

spot line inset

black | RAL 9005 <sup>1</sup>

IP20

3640 lm

1820 lm/m

LED

4000 K

$CRI \geq 90$

L85 / 50000 h

initial MacAdam  $\leq 3 \text{ SDCM}$

$R_g: 99 | R_f: 91 | R_{(1-15)}: 86$

MR 0.77 | MDER 0.7

Optical

medium

$UGR \leq 13 | \geq 65^\circ < 1500 \text{ cd/m}^2$

$PstLM \leq 1.0 \text{ }^2 | SVM \leq 0.4 \text{ }^2$

Electrical

DALI-2 | 1 DALI Addr.

PC2 | 220-240 V

system 33 W

system 110 lm/W <sup>3</sup>

17 W/m

Physical

length 2000 mm | width 43 mm | height 13 mm

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)  
<sup>3</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator





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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.983	0.957	0.931	0.906	0.881
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 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.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	17
B13	22
B16	28
C10	22
C13	27
C16	35