

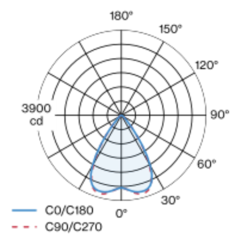
LENS WIDE

MOVE IT PRO
086-6730930W



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; equipped with specially computed wide beam lenses; precise radiation characteristic with symmetrical light distribution; for use in schools and offices; UGR ≤ 19 ; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above $65^\circ \leq 3000 \text{ cd/m}^2$; passive cooling of the LEDs through improved heat sink geometry; light colour 2700 K; binning initial MacAdam $\leq 3 \text{ SDCM}$; CRI ≥ 90 ; min. 90% 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



| |
|----------------|
| Project / Type |
| Notes |
| Count / Date |



General

| |
|-----------------|
| Ceiling , Track |
| lens inset |
| white |
| IP20 |
| 4440 lm |
| 2220 lm/m |

LED

| |
|--|
| 2700 K |
| CRI ≥ 90 |
| L90 / 50000 h |
| initial MacAdam $\leq 3 \text{ SDCM}$ |
| R _g : 101 , R _f : 90 , R _{f1-15} : 88 |
| MR 0.51 |
| MDER 0.46 |

Optical

| |
|---|
| wide flood |
| UGR ≤ 19 , $\geq 65^\circ < 3000 \text{ cd/m}^2$ |
| PstLM $\leq 1.0^1$ |
| SVM $\leq 0.4^1$ |

Electrical

| |
|------------------------------|
| DALI-2 |
| 220-240 V |
| system 33 W |
| system 135 lm/W ² |
| PC2 |
| 1 DALI Addr. |
| 17 W/m |

Physical

| |
|----------------|
| length 2000 mm |
| width 43 mm |
| height 13 mm |

¹ Value of containing product at full load (undimmed)
² 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 | 0.98 | 0.96 | 0.94 | 0.92 | 0.9 |
| 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 Factor | |

^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.

Circuit Breaker Types

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

