

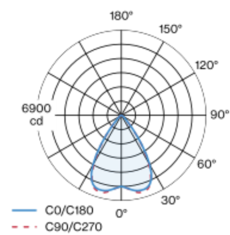
# LENS WIDE

MOVE IT PRO  
086-6750430W



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  $\leq 19$ ; 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  $\geq 80$ ; 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            |
| 7720 lm         |
| 2570 lm/m       |

### LED

|                                       |
|---------------------------------------|
| 2700 K                                |
| CRI $\geq 80$                         |
| L90 / 50000 h                         |
| initial MacAdam $\leq 3 \text{ SDCM}$ |
| MR 0.48                               |
| MDER 0.44                             |

### Optical

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

### Electrical

|                              |
|------------------------------|
| DALI-2                       |
| 220-240 V                    |
| system 46 W                  |
| system 168 lm/W <sup>2</sup> |
| PC2                          |
| 1 DALI Addr.                 |
| 15 W/m                       |

### Physical

|                |
|----------------|
| length 3000 mm |
| width 43 mm    |
| height 13 mm   |

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</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               | 0.98                         | 0.96   | 0.94              | 0.92                            | 0.9    |
| 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                 |

