

Recessed luminaire - Silky matt MIRO® parabolic louvres - direct distribution

Sheet steel housing with uniformly wide circumferential edge and 7 mm raised edges for ceilings with visible T-rails, concealed symmetrical rail constructions and cut-out ceilings; Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Silky matt MIRO® parabolic louvres of aluminium, reflectivity-enhanced, self-engaging, can be folded down on both sides. Suitable for VDU workstations,  $65^\circ < 1000 \text{ cd/m}^2$  omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.9. Electrical connection via 5-pole connection terminal with plug-in contacts.. UBB universal mounting brackets for concealed symmetrical rail constructions or recessed ceilings and SCT CLIPS securing clips for ceilings with visible T rails: please order separately.

## CHARACTERISTICS

|                               |  |
|-------------------------------|--|
| Order number                  | 71010306660  |
| EAN number                    | 4020863313488  |
| Commodity code                | 94051190   |
| Certification mark            | IP 20, Protection class I, $\gamma 65^\circ < 1000 \text{ cd/m}^2$ ,<br>ENEC10 VDE, F, F-"roof" mark, Indoor, CE |
| Impact resistance (IK rating) | IK03   |
| Ambient temperatur            | ta 25°C  |
| Special properties            | Ready for IoT  |
| Warranty period               | 5 years  |
| State funding programs        | BEG - Federal funding for efficient buildings<br>(valid only for Germany)  |

## ELECTRICAL ENGINEERING

|                                      |   |
|--------------------------------------|---|
| Controller                           | Electronic driver DALI2 (1 pcs.)                              |
| System output                        | 21W   |
| Mains voltage                        | 230V/50Hz   |
| Circuit breakers (inrush current)    | 17 pieces/B10, 28 pieces/B16, 29<br>pieces/C10, 47 pieces/C16 |
| Energy efficiency class/light source | B   |

## LIGHTING TECHNOLOGY

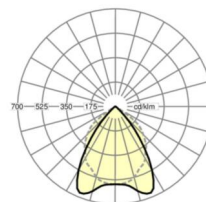
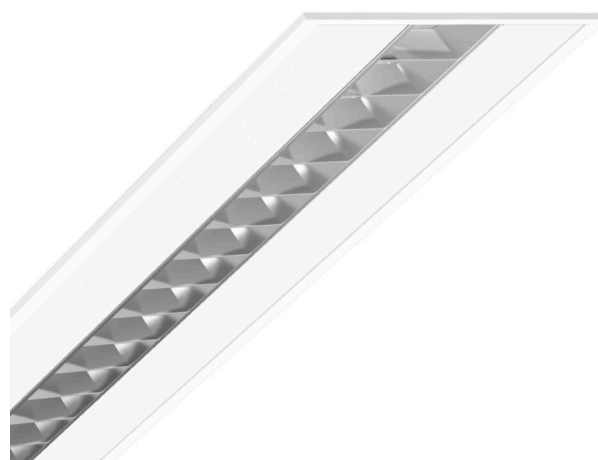
|                               |   |
|-------------------------------|---|
| Placement                     | LED, Colour rendering/Light colour CRI $\geq$<br>80 / 4000K |
| Colour tolerance (MacAdam)    | 3SDCM   |
| Nominal luminous flux         | 3104lm  |
| LED service life              | 50000h L80/B10 (Tq 25°C)                                    |
| Luminaire luminous efficiency | 147lm/W   |
| UGR lat./long.                | 15.3 / 18.9   |

## MECHANICS

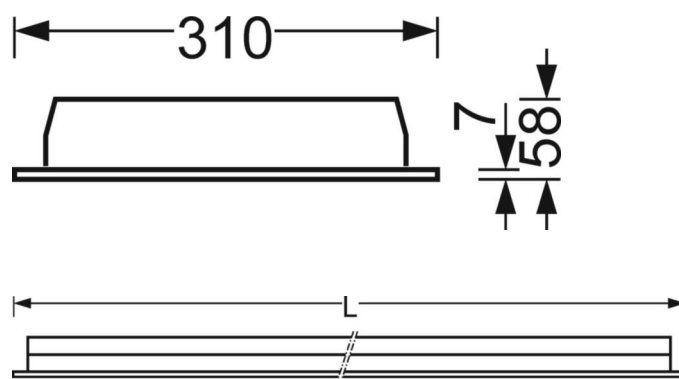
|                         |   |
|-------------------------|---|
| Housing colour          | traffic white RAL 9016  |
| Dimensions (LxWxH/DxH)  | 1247mm x 310mm x 58mm   |
| Depth                   | 51mm  |
| Ceiling system          | ceilings with visible T-rails [s-TS] (312.5x1250<br>mm), Concealed symmetrical rail construction<br>[VS] (312.5x1250 mm), cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 1180mm x 275mm  |
| Installation depth      | 120mm [AD]; 170mm [s-TS]; 120mm [VS]  |
| Weight (net)            | 5kg   |
| Type of installation    | Recessed mounting, Ceiling installation<br>individual mounting  |

## DEEP-LINK

<https://www.regiolux.de/en/article/71010306660>



|                              |                                  |
|------------------------------|----------------------------------|
| Reference                    | LED 3100lm 840                   |
| $\eta_{LB}$                  | 100 %                            |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 %                      |
| UGR lat./long.               | 15.3 / 18.9                      |
| VDU                          | $65^\circ < 1000 \text{ cd/m}^2$ |



## Dimensions

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|                 |          |   |
|-----------------|----------|---|
| <b>L</b>        | 1247 mm  | Length  |
| <b>B</b>        | 310 mm   | Width   |
| <b>H</b>        | 58 mm    | Height  |
| <b>T</b>        | 51 mm    | Depth   |
| <b>DA(L)</b>    | 1180 mm  | Cutting dimension length                                |
| <b>DA(B)</b>    | 275 mm   | Cutting dimension width                                 |
| <b>Et(AD)</b>   | 120 mm   | Ceiling distance minimum (cut-out ceiling)              |
| <b>Et(TS)</b>   | 170 mm   | Ceiling distance minimum - recommended (visible T-rail) |
| <b>Et(VS)</b>   | 120 mm   | Ceiling distance minimum (concealed symmetrical)        |
| <b>MLTS1</b>    | 1250 mm  | Module dimension length (visible T-rail)                |
| <b>MLTS_1/2</b> | 1250     | Module dimension length (visible T-rail) 1/2            |
| <b>MLVS</b>     | 1250 mm  | Module dimension length (concealed symmetrical)         |
| <b>MBTS1</b>    | 312.5 mm | Module dimension width (visible T-rail)                 |
| <b>MBTS_1/2</b> | 312.5    | Module dimension width (visible T-rail) 1/2             |
| <b>MBVS</b>     | 312.5 mm | Module dimension width (concealed symmetrical)          |

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