

Universal recessed luminaire - Silky matt MIRO® parabolic louvres - direct distribution

Sheet steel housing suitable 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) 16.7. Electrical connection via 3-pole connection terminal with plug-in contacts. UBB universal mounting brackets for concealed symmetrical rail constructions or recessed ceilings and SCT locking clips for ceilings with visible T rails: please order separately.

## CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Order number                  | 76620504160   |
| EAN number                    | 4020863312580   |
| Commodity code                | 94051190  |
| Certification mark            | IP 20, Protection class I, $\gamma 65^\circ < 1000 \text{ cd/m}^2$ ,<br>ENEC10 VDE, F, Indoor, CE |
| Impact resistance (IK rating) | IK03  |
| Ambient temperatur            | ta 25°C   |
| Warranty period               | 5 years   |
| State funding programs        | BEG - Federal funding for efficient buildings<br>(valid only for Germany)                         |

## ELECTRICAL ENGINEERING

|                                      |                            |
|--------------------------------------|----------------------------|
| Controller                           | Electronic driver (1 pcs.) |
| System output                        | 29W                        |
| Mains voltage                        | 230V/50Hz                  |
| Energy efficiency class/light source | B                          |

## LIGHTING TECHNOLOGY

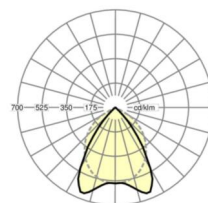
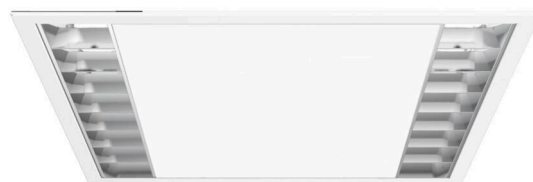
|                               |   |
|-------------------------------|---|
| Placement                     | LED, Colour rendering/Light colour CRI $\geq$<br>80 / 4000K |
| Colour tolerance (MacAdam)    | 3SDCM   |
| Nominal luminous flux         | 4119lm  |
| LED service life              | 50000h L80/B10 (Tq 25°C)                                    |
| Luminaire luminous efficiency | 144lm/W   |
| UGR lat./long.                | 11.5 / 16.7   |

## MECHANICS

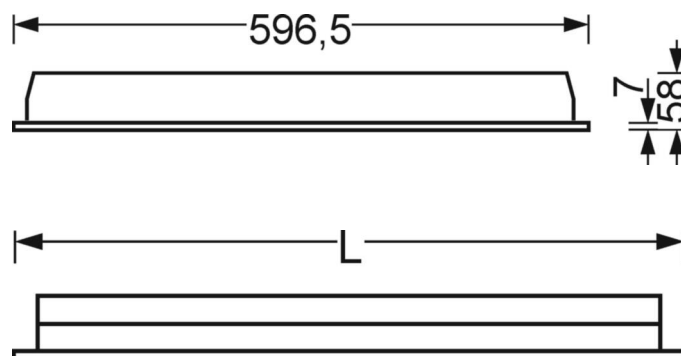
|                         |   |
|-------------------------|---|
| Housing colour          | traffic white RAL 9016  |
| Dimensions (LxWxH/DxH)  | 596.5mm x 596.5mm x 58mm  |
| Depth                   | 51mm  |
| Ceiling system          | Ceilings with visible T-rails [s-TS] (600x600 mm), Concealed symmetrical rail construction [VS] (600x600 mm), cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 585mm x 585mm   |
| Installation depth      | 120mm [AD]; 250mm [s-TS]; 140mm [s-TS] min; 120mm [VS]  |
| Weight (net)            | 3.9kg   |
| Type of installation    | Recessed mounting, Ceiling installation individual mounting   |

## DEEP-LINK

<https://www.regiolux.de/en/article/76620504160>



|                              |                                  |
|------------------------------|----------------------------------|
| Reference                    | LED 4000lm 840                   |
| $\eta_{LB}$                  | 100 %                            |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 %                      |
| UGR lat./long.               | 11.5 / 16.7                      |
| VDU                          | $65^\circ < 1000 \text{ cd/m}^2$ |



## Dimensions

|                 |          |  |
|-----------------|----------|--|
| <b>L</b>        | 596.5 mm | Length   |
| <b>B</b>        | 596.5 mm | Width  |
| <b>H</b>        | 58 mm    | Height   |
| <b>T</b>        | 51 mm    | Depth  |
| <b>DA(L)</b>    | 585 mm   | Cutting dimension length   |
| <b>DA(B)</b>    | 585 mm   | Cutting dimension width  |
| <b>Et(min)</b>  | 140 mm   | Ceiling distance minimum - minimum dimension<br>(visible T-rail) |
| <b>Et(AD)</b>   | 120 mm   | Ceiling distance minimum (cut-out ceiling)                       |
| <b>Et(TS)</b>   | 250 mm   | Ceiling distance minimum - recommended (visible<br>T-rail)       |
| <b>Et(VS)</b>   | 120 mm   | Ceiling distance minimum (concealed symmetrical)                 |
| <b>MLTS1</b>    | 600 mm   | Module dimension length (visible T-rail)                         |
| <b>MLTS_1/2</b> | 600      | Module dimension length (visible T-rail) 1/2                     |
| <b>MLVS</b>     | 600 mm   | Module dimension length (concealed symmetrical)                  |
| <b>MBTS1</b>    | 600 mm   | Module dimension width (visible T-rail)                          |
| <b>MBTS_1/2</b> | 600      | Module dimension width (visible T-rail) 1/2                      |
| <b>MBVS</b>     | 600 mm   | Module dimension width (concealed symmetrical)                   |