

Surface-mounted luminaire - Silky matt MIRO® parabolic louvres - direct distribution

Sheet steel housing suitable, rectangular cross section; suitable for use in clean rooms and clean room areas per DIN 14644-1; manufactured per IPA provisions, as well as the directives for quality assurance GMP (Good Manufacturing Practice); Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Silky matt MIRO® parabolic louvres of aluminium, Reflectivity-enhanced, with clear cover made of laminated safety glass. 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) 16.6. Integrated LED driver design. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts; Luminous flux in emergency light mode 5164 lm. The aduna clean room luminaire is suitable for direct voltage (0/50Hz), emergency luminaires must have additional marking. Suitable for air purity class ISO 14644-1 Class 2 with excellent to very good results in terms of microbial metabolic potential and chemical resistance.

CHARACTERISTICS

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|-------------------------------|---|
| Order number | 62163016660 |
| EAN number | 4020863450541 |
| Commodity code | 94051190 |
| Certification mark | IP 65, Protection class I, VDU $65^\circ < 1000$, F, D, Clean room, HACCP DIN10500/Food/IFS/BRC, Indoor, CE |
| Impact resistance (IK rating) | IK07 (-20°C bis 35°C) |
| Ambient temperatur | ta -20°C to 35°C |
| Special properties | Ready for IoT |
| Warranty period | 7 years |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

ELECTRICAL ENGINEERING

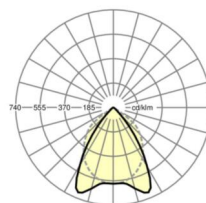
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|--------------------------------------|--|
| Controller | Electronic driver DALI2 (1 pcs.) |
| System output | 38W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

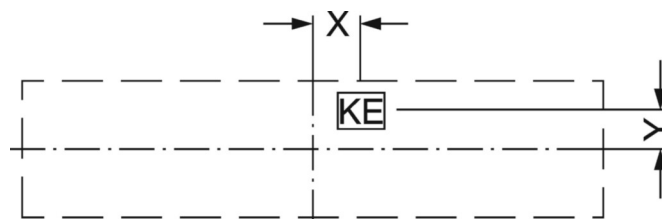
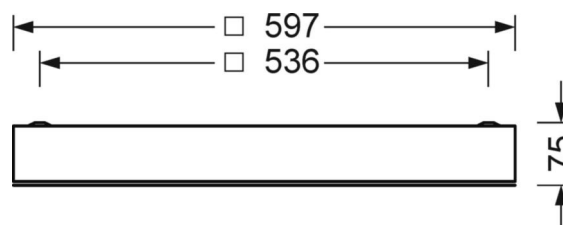
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|---|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 5000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Nominal luminous flux | 5164lm |
| Nominal luminous flux-emergency lighting mode | 5164lm |
| LED service life | 68000h L80/B10 (Tq 35°C), 80000h L80/B10 (Tq 25°C), 37000h L90/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 136lm/W |
| UGR lat./long. | 12.7 / 16.6 |

DEEP-LINK

<https://www.regiolux.de/en/article/62163016660>



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|------------------------------|----------------------------------|
| Reference | LED 5200lm 850 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 % |
| UGR lat./long. | 12.7 / 16.6 |
| VDU | $65^\circ < 1000 \text{ cd/m}^2$ |



MECHANICS

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|-------------------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 597mm x 597mm x 75mm |
| Ceiling system | cut-out ceilings [AD] |
| Weight (net) | 11.7kg |
| Cable entry KE (X/Y) | 279mm/17mm |
| Type of installation | Ceiling-mounted single installation, Ceiling-mounted trunking installation, Installation in clean room ceilings, Ceiling installation individual mounting |

Dimensions

| | | |
|-----------|--------|---|
| L | 597 mm | Length |
| B | 597 mm | Width |
| H | 75 mm | Height |
| A1 | 536 mm | Mounting distance single mounting |
| X | 279 mm | Distance cable infeed to the center of the luminaire on the X-axis |
| Y | 17 mm | Distance cable infeed to the center of the luminaire on the Y-axis |