

Sports hall luminaires - Micro-prismatic diffuser - direct narrow/wide distribution

Powder-coated steel sheet enclosure, rectangular cross-section, with sturdy steel end faces, rear of enclosure integrated locking nuts to externally attach accessories for ceiling mounting and chain suspension with additional attachment holes for fast ceiling installation. Housing colour traffic white RAL 9016; Light distribution direct, narrow/wide-beam; optimised glare reduction thanks to innovative, nano-prism light deflecting foil in multilayer technology; Luminaire cover by means of PC pane, clear, 2mm; Integrated driver. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts. Spacer attachment clamp with integrated cable entry are included in the scope of delivery. Protective and mounting accessories for free horizontal or tilted and rotated mounting and for electrical connection to the SDT rail, SDGU BAM/THLA universal mounting device carrier, must be ordered separately. Thanks to the use of the mounting frame and ballea-ERS mounting frame for refurbishments, ball impact resistance is still ensured according to DIN 57710 Part 13 (VDE 0710 Part 13): 1981-05.

**CHARACTERISTICS**

|                               |   |
|-------------------------------|---|
| Order number                  | 67438036690   |
| EAN number                    | 4020863454662   |
| Commodity code                | 94051190  |
| Certification mark            | IP 40, Protection class I, ENEC10 VDE, F, HACCP<br>DIN10500/Food/IFS-application-related suitability/BRC, Protection against tennis ball impact, Protection against shuttlecocks, Protection against squash ball impact, Protection against ball impact, Indoor, CE |
| Impact resistance (IK rating) | IK09 (-20°C bis 35°C)   |
| Ambient temperatur            | ta -20°C to 35°C  |
| Special properties            | Ready for IoT   |
| Warranty period               | 5 years   |
| State funding programs        | BEG - Federal funding for efficient buildings (valid only for Germany)  |

**ELECTRICAL ENGINEERING**

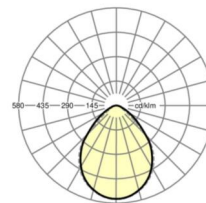
|                                      |  |
|--------------------------------------|--|
| Controller                           | Electronic driver DALI2 (2 pcs.)                           |
| System output                        | 152W   |
| Mains voltage                        | 230V/50Hz  |
| Circuit breakers (inrush current)    | 13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16 |
| Energy efficiency class/light source | C  |

**LIGHTING TECHNOLOGY**

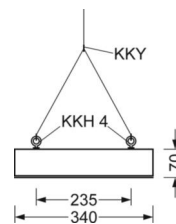
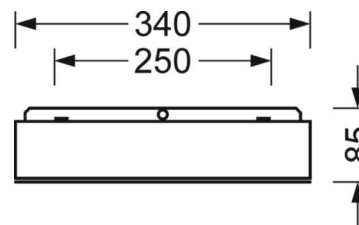
|                                    |   |
|------------------------------------|---|
| Placement                          | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K                           |
| Colour tolerance (MacAdam)         | 3SDCM   |
| Photobiological safety (Luminaire) | RG0   |
| Nominal luminous flux              | 21748lm   |
| LED service life                   | 50000h L80/B10 (Tq 35°C), 90000h L80/B10 (Tq 25°C), 100000h L80/B50 (Tq 25°C) |
| Luminaire luminous efficiency      | 143lm/W   |
| UGR lat./long.                     | 21.2 / 21.3   |

**DEEP-LINK**

<https://www.regiolux.de/en/article/67438036690>



|                |                 |
|----------------|-----------------|
| Reference      | LED 21800lm 840 |
| ηLB            | 100 %           |
| Φ ↓/↑          | 100 % / 0 %     |
| UGR lat./long. | 21.2 / 21.3     |



**MECHANICS**

|                           |  |
|---------------------------|--|
| Housing colour            | traffic white RAL 9016   |
| Dimensions (LxWxH/DxH)    | 1563mm x 340mm x 70mm  |
| Ceiling cut-out (LxW/D)   | 1573mm x 350mm (when using accessory mounting frame)   |
| Installation depth        | 120mm [AD]   |
| Weight (net)              | 9.3kg  |
| Cable entry KE (X/Y)      | 0mm/151mm  |
| Type of installation      | Ceiling-mounted single installation, Ceiling installation individual mounting, Pendant individual mounting, Pendant light strip mounting, Mounting rail installation |
| Rotating mounting bracket | 30° max. longitudinal axis + transverse axis / mounting with accessories bracket, chain or support rail  |

**Dimensions**

|        |         |  |
|--------|---------|--|
| L      | 1563 mm | Length   |
| B      | 340 mm  | Width  |
| H      | 70 mm   | Height   |
| A1     | 1492 mm | Mounting distance single mounting                                  |
| DA(L)  | 1573 mm | Cutting dimension length   |
| DA(B)  | 350 mm  | Cutting dimension width  |
| Et(AD) | 120 mm  | Ceiling distance minimum (cut-out ceiling)                         |
| HA     | 85      | Height cover   |
| X      | 0 mm    | Distance cable infeed to the center of the luminaire on the X-axis |
| Y      | 151 mm  | Distance cable infeed to the center of the luminaire on the Y-axis |

