

Sports hall luminaires - White louvre - direct wide distribution

Sheet steel housing Housing colour traffic white RAL 9016; Direct wide-beam light distribution using sheet steel metal louvre with robust smooth cross blades; painted white similar to RAL 9016; with V reflector, can be folded down on one side; ball-proof. Louvre fastening using ball-proof spring catches that can only be opened with tools; fitted with 1x Regiolux LED unit, neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80; Electrical connection via 5-pole connection terminal with plug-in contacts.; With changeover converter for emergency lighting operation on request. The accessories for pendant mounting must be ordered separately. For electrical connection to the SDT rail, SDGU BAM/ THLA universal mounting gear tray must be ordered separately.

## CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Order number                  | 68120026600   |
| EAN number                    | 4020863281435   |
| Commodity code                | 94051190  |
| Certification mark            | IP 20, Protection class I, F, Protection against tennis ball impact, Protection against ball impact, 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 (valid only for Germany)  |

## ELECTRICAL ENGINEERING

|                                      |  |
|--------------------------------------|--|
| Controller                           | Electronic driver DALI2 (1 pcs.)                           |
| System output                        | 76W  |
| Mains voltage                        | 230V/50Hz  |
| Circuit breakers (inrush current)    | 12 pieces/B10, 20 pieces/B16, 21 pieces/C10, 34 pieces/C16 |
| Energy efficiency class/light source | B  |

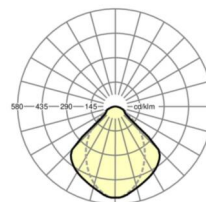
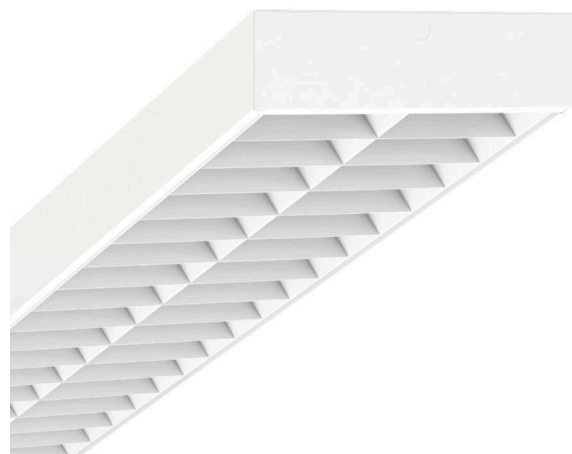
## LIGHTING TECHNOLOGY

|                                    |  |
|------------------------------------|--|
| Placement                          | LED, Colour rendering/Light colour<br>CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam)         | 3SDCM  |
| Photobiological safety (Luminaire) | RG1  |
| Nominal luminous flux              | 9719lm   |
| LED service life                   | 50000h L80/B10 (Tq 25°C)                               |
| Luminaire luminous efficiency      | 128lm/W  |
| Beam angle                         | 95°  |
| UGR lat./long.                     | 19.5 / 19.8  |

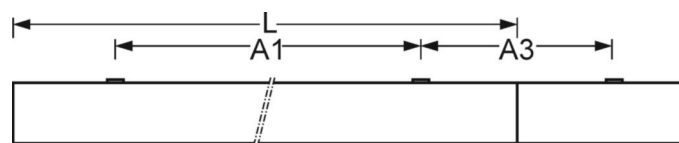
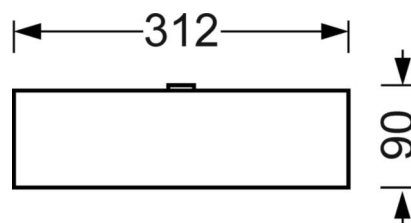
## MECHANICS

|                           |   |
|---------------------------|---|
| Housing colour            | traffic white RAL 9016  |
| Dimensions (LxWxH/DxH)    | 1548mm x 312mm x 90mm   |
| Weight (net)              | 15.22kg   |
| Cable entry KE (X/Y)      | 0mm/0mm   |
| Type of installation      | Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendant individual mounting, Pendant light strip mounting, Mounting rail installation |
| Rotating mounting bracket | 38° max. transverse axis / mounting with accessories bracket, chain and transverse axis / mounting with accessories on the support rail 45° max.                  |

## DEEP-LINK

<https://www.regiolux.de/en/article/68120026600>


|                |                |
|----------------|----------------|
| Reference      | LED 9700lm 840 |
| ηLB            | 100 %          |
| Φ ↓/↑          | 100 % / 0 %    |
| UGR lat./long. | 19.5 / 19.8    |



Dimensions

|    |         |  |
|----|---------|--|
| L  | 1548 mm | Length   |
| B  | 312 mm  | Width  |
| H  | 90 mm   | Height   |
| A1 | 1300 mm | Mounting distance single mounting                                  |
| A3 | 248 mm  | Mounting distance between luminaires in a light run arrangement    |
| X  | 0 mm    | Distance cable infeed to the center of the luminaire on the X-axis |
| Y  | 0 mm    | Distance cable infeed to the center of the luminaire on the Y-axis |

