

Surface-mounted diffuser luminaire - Opal diffuser - direct distribution

Sectional sheet steel luminaire body, trapezoid, white polycarbonate cable entries near centre of luminaire, diffuser fixing by engaging; Housing colour traffic white RAL 9016; Direct diffuse light distribution using diffuser profile made of acrylic glass in satin-finish look, convex with inner longitudinal prisms, snap-fit white end faces made of UV-stabilised polycarbonate; Electrical connection via 5-pole connection terminal with plug-in contacts.. Suspension set complete LPA-PS for pendant mounting must be ordered separately.

## CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Order number                  | 21665216680   |
| EAN number                    | 4020863354832   |
| Commodity code                | 94051140  |
| Certification mark            | IP 44, Protection class I, F, HACCP<br>DIN10500/Food/IFS-application-related<br>suitability/BRC, Indoor, CE |
| Impact resistance (IK rating) | IK04  |
| 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                        | 46W   |
| Mains voltage                        | 230V/50Hz   |
| Circuit breakers (inrush current)    | 12 pieces/B10, 20 pieces/B16, 21<br>pieces/C10, 33 pieces/C16 |
| Energy efficiency class/light source | C   |

## LIGHTING TECHNOLOGY

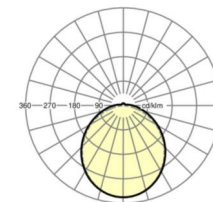
|                                    |  |
|------------------------------------|--|
| Placement                          | LED, Colour rendering/Light colour<br>CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam)         | 3SDCM  |
| Photobiological safety (Luminaire) | RG0  |
| Nominal luminous flux              | 6540lm   |
| LED service life                   | 70000h L80/B10 (Tq 25°C), 50000h<br>L90/B10 (Tq 25°C)  |
| Luminaire luminous efficiency      | 141lm/W  |
| UGR lat./long.                     | 22.2 / 21.6  |

## MECHANICS

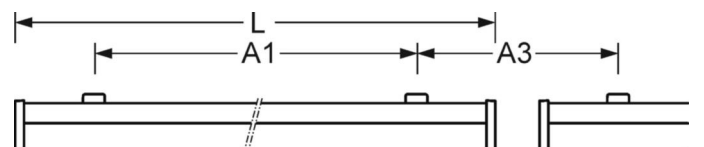
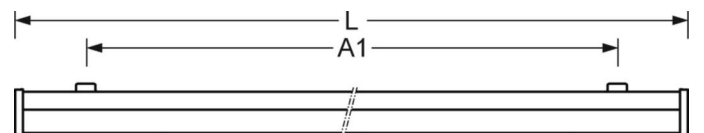
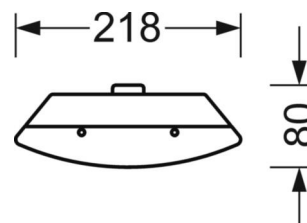
|                        |  |
|------------------------|--|
| Housing colour         | traffic white RAL 9016   |
| Dimensions (LxWxH/DxH) | 1504mm x 218mm x 80mm  |
| Weight (net)           | 3.25kg   |
| Cable entry KE (X/Y)   | 0mm/0mm  |
| Type of installation   | Ceiling-mounted single installation, Pendant<br>individual mounting, Wall mounting |

## DEEP-LINK

<https://www.regiolux.de/en/article/21665216680>



|                |                |
|----------------|----------------|
| Reference      | LED 6500lm 840 |
| ηLB            | 100 %          |
| Φ ↓/↑          | 95 % / 5 %     |
| UGR lat./long. | 22.2 / 21.6    |



## Dimensions

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|    |         |  |
|----|---------|--|
| L  | 1504 mm | Length   |
| B  | 218 mm  | Width  |
| H  | 80 mm   | Height   |
| A1 | 1100 mm | Mounting distance single mounting                                  |
| A3 | 554 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 |

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