

Recessed downlight - Single lens/TriZone - direct wide distribution

Housing made of sheet steel with cover ring made of die-cast aluminium painted in RAL 9016 traffic white. With mounting springs for installation without tools, suitable for ceiling thickness of 10mm-25mm. Housing colour traffic white RAL 9016; Light distribution direct wide distribution by means of Single lens/TriZone of plastic, TriZone Lens and Scatter Ring for Nimbus - Light - Effect. 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) 18.6. External driver with luminaire wired ready for operation. Electrical connection via 0.5m long connection cable,  $4 \times 0.5 \text{ mm}^2$ . With the Changy-SR accessory refurbishment ring, a ceiling cut-out of 230-300mm is possible.

## CHARACTERISTICS

|                               |  |
|-------------------------------|--|
| Order number                  | 36510026610  |
| EAN number                    | 4020863476268  |
| Commodity code                | 94051190   |
| Certification mark            | IP 40/20, Protection class II, VDU<br>65° < 1000, F, HACCP<br>DIN10500/Food/IFS-application-related<br>suitability/BRC, Indoor, CE |
| Impact resistance (IK rating) | IK02   |
| Ambient temperatur            | ta 25°C  |
| Special properties            | Ready for IoT  |
| Warranty period               | 5 years  |

## ELECTRICAL ENGINEERING

|                                      |   |
|--------------------------------------|---|
| Controller                           | Electronic driver DALI2 (1 pcs.)                              |
| System output                        | 27W   |
| Mains voltage                        | 230V/50Hz   |
| Circuit breakers (inrush current)    | 33 pieces/B10, 55 pieces/B16, 57<br>pieces/C10, 92 pieces/C16 |
| Energy efficiency class/light source | D   |

## LIGHTING TECHNOLOGY

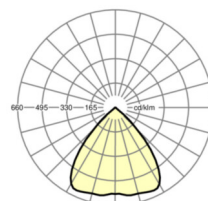
|                               |   |
|-------------------------------|---|
| Placement                     | LED, Colour rendering/Light colour CRI $\geq$<br>80 / 3000K   |
| Colour tolerance (MacAdam)    | 3SDCM   |
| Nominal luminous flux         | 3041lm  |
| LED service life              | 80000h L80/B10 (Tq 25°C/do not cover<br>with insulation wool), 50000h L90/B50<br>(Tq 25°C/do not cover with insulation<br>wool) |
| Luminaire luminous efficiency | 112lm/W   |
| Beam angle                    | 85°   |
| UGR lat./long.                | 18.6 / 18.6   |

## MECHANICS

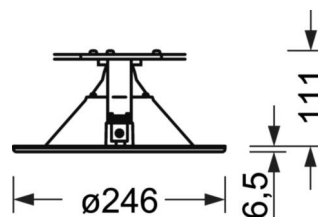
|                         |   |
|-------------------------|---|
| Housing colour          | traffic white RAL 9016  |
| Dimensions (LxWxD)      | 246mm x 117mm   |
| Depth                   | 110.5mm   |
| Ceiling system          | cut-out ceilings [AD], Panel ceiling [PD]<br>(module 100/200) |
| Ceiling cut-out (LxW/D) | 229mm   |
| Installation depth      | 165mm [AD]  |
| Weight (net)            | 1.26kg  |
| Type of installation    | Ceiling installation individual mounting                      |

## DEEP-LINK

<https://www.regiolum.de/en/article/36510026610>



|                              |                                  |
|------------------------------|----------------------------------|
| Reference                    | LED 3000lm 830                   |
| $\eta_{LB}$                  | 100 %                            |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 %                      |
| UGR lat./long.               | 18.6 / 18.6                      |
| VDU                          | $65^\circ < 1000 \text{ cd/m}^2$ |



## Dimensions

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|               |          |  |
|---------------|----------|--|
| <b>H</b>      | 117 mm   | Height                                     |
| <b>D</b>      | 246 mm   | Diameter                                   |
| <b>T</b>      | 110.5 mm | Depth                                      |
| <b>DA</b>     | 229 mm   | Cutting dimension diameter                 |
| <b>DS min</b> | 10 mm    | Ceiling thickness minimum                  |
| <b>DS max</b> | 25 mm    | Ceiling thickness maximum                  |
| <b>Et(AD)</b> | 165 mm   | Ceiling distance minimum (cut-out ceiling) |
| <b>KL</b>     | 137 mm   | Length luminaire head or box for ballasts  |
| <b>KB</b>     | 67 mm    | Width luminaire head or box for ballasts   |
| <b>KH</b>     | 30 mm    | Height luminaire head or box for ballasts  |

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