

Recessed downlight - Highly specular mirror reflector - direct wide distribution

Housing made of sheet steel with cover ring made of diecast aluminium painted in RAL 9016 traffic white, with driver wired ready for operation. With mounting springs for installation without tools, suitable for ceiling thickness of 10 mm-25 mm. Housing colour traffic white RAL 9016; Direct wide-beam light distribution using specular individually anodised reflector made of ultra-pure aluminium, for workstations,  $65^\circ < 1000 \text{ cd/m}^2$  with omnidirectional glare suppression according to current DIN-EN 12464-1 standard; External driver with luminaire wired ready for operation. Electrical connection via 3-pole connection terminal with plug-in contacts.. With the Changy-SR VW accessory refurbishment ring, a ceiling cut-out of 230-300mm is possible.

## CHARACTERISTICS

|                               |  |
|-------------------------------|--|
| Order number                  | 36940354120  |
| EAN number                    | 4020863352449  |
| Commodity code                | 94051190   |
| Certification mark            | IP 20, Protection class II, VDU 65° < 1000, F, Indoor, CE              |
| Impact resistance (IK rating) | IK02   |
| Ambient temperatur            | ta 25°C  |
| Warranty period               | 5 years  |
| State funding programs        | BEG - Federal funding for efficient buildings (valid only for Germany) |

## ELECTRICAL ENGINEERING

|                                      |  |
|--------------------------------------|--|
| Controller                           | Electronic driver (1 pcs.)                                 |
| System output                        | 23W  |
| Mains voltage                        | 230V/50Hz  |
| Circuit breakers (inrush current)    | 14 pieces/B10, 24 pieces/B16, 24 pieces/C10, 40 pieces/C16 |
| Energy efficiency class/light source | D  |

## LIGHTING TECHNOLOGY

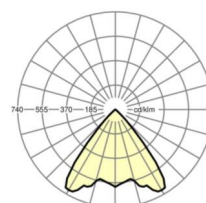
|                                    |   |
|------------------------------------|---|
| Placement                          | LED, Colour rendering/Light colour<br>CRI $\geq 80$ / 4000K |
| Colour tolerance (MacAdam)         | 3SDCM   |
| Photobiological safety (Luminaire) | RG1   |
| Nominal luminous flux              | 2863lm  |
| LED service life                   | 50000h L80/B10 (Tq 25°C)                                    |
| Luminaire luminous efficiency      | 124lm/W   |
| Beam angle                         | 80°   |
| UGR lat./long.                     | 20.1 / 20.1   |

## MECHANICS

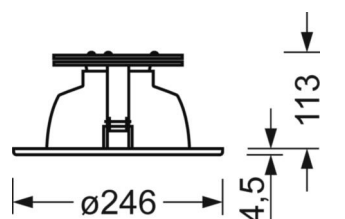
|                         |   |
|-------------------------|---|
| Housing colour          | traffic white RAL 9016  |
| Dimensions (LxWxH/DxH)  | 246mm x 117mm   |
| Depth                   | 113mm   |
| Ceiling system          | cut-out ceilings [AD], Panel ceiling [PD]<br>(module 100/200) |
| Ceiling cut-out (LxW/D) | 229mm   |
| Installation depth      | 165mm [AD]  |
| Weight (net)            | 1.02kg  |
| Type of installation    | Ceiling installation individual mounting                      |

## DEEP-LINK

<https://www.regiolum.de/en/article/36940354120>



|                              |                                  |
|------------------------------|----------------------------------|
| Reference                    | LED 2900lm 840                   |
| $\eta_{LB}$                  | 100 %                            |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 %                      |
| UGR lat./long.               | 20.1 / 20.1                      |
| VDU                          | $65^\circ < 1000 \text{ cd/m}^2$ |



## Dimensions

|        |        |  |
|--------|--------|--|
| H      | 117 mm | Height                                     |
| D      | 246 mm | Diameter                                   |
| T      | 113 mm | Depth                                      |
| DA     | 229 mm | Cutting dimension diameter                 |
| DS min | 10 mm  | Ceiling thickness minimum                  |
| DS max | 25 mm  | Ceiling thickness maximum                  |
| Et(AD) | 165 mm | Ceiling distance minimum (cut-out ceiling) |
| KL     | 157 mm | Length luminaire head or box for ballasts  |
| KB     | 67 mm  | Width luminaire head or box for ballasts   |
| KH     | 30 mm  | Height luminaire head or box for ballasts  |

