

Recessed downlight - Highly specular mirror reflector - direct wide distribution - IP 54

Housing made of sheet steel with cover ring made of diecast aluminium painted similar to RAL 7032 grit grey, with translucent diffuser made of safety glass, with driver wired ready for operation, aluminium heat sink for effective passive cooling. With mounting springs for installation without tools, suitable for ceiling thickness of 10mm-25mm. Housing colour pebble grey metallic; Direct wide-beam light distribution by means of high-gloss, unit-anodised reflector made of ultra-pure aluminium, with translucent cover made of safety glass. External driver with luminaire wired ready for operation. Electrical connection and connection of control cable using 5-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 | 36941336625 |
| EAN number | 4020863354290 |
| Commodity code | 94051190 |
| Certification mark | IP 54, Protection class II, F, 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 | 16W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 45 pieces/B10, 80 pieces/B16, 75 pieces/C10, 120 pieces/C16 |
| Energy efficiency class/light source | D |

LIGHTING TECHNOLOGY

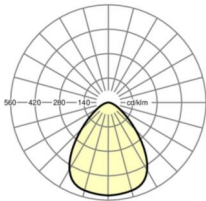
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|------------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG1 |
| Nominal luminous flux | 1702lm |
| LED service life | 50000h L80/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 109lm/W |
| Beam angle | 85° |
| UGR lat./long. | 22.0 / 22.0 |

MECHANICS

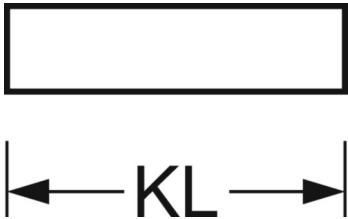
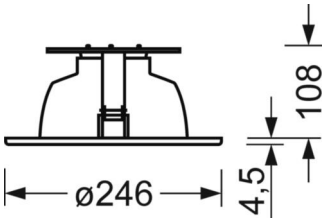
| | |
|-------------------------|---|
| Housing colour | pebble grey metallic |
| Dimensions (LxWxH/DxH) | 246mm x 113mm |
| Depth | 108mm |
| Ceiling system | cut-out ceilings [AD], Panel ceiling [PD] (module 100/200) |
| Ceiling cut-out (LxW/D) | 229mm |
| Installation depth | 165mm [AD] |
| Weight (net) | 1.04kg |
| Type of installation | Ceiling installation individual mounting |

DEEP-LINK

<https://www.regiolux.de/en/article/36941336625>



| | |
|----------------|----------------|
| Reference | LED 1600lm 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 22.0 / 22.0 |



Dimensions

| | | |
|--------|--------|--|
| H | 113 mm | Height |
| D | 246 mm | Diameter |
| T | 108 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 |

