

Recessed downlight - microprismatic diffuser pane - direct wide distribution

Enclosure of die-cast aluminium painted in RAL 9016 traffic white, with driver, wired ready for operation, aluminium heat sink for effective passive cooling and recessed micro-prismatic diffuser pane to break up the ceiling appearance. With fastening springs for installation without tools, suitable for ceiling thickness of 10mm – 20mm. Housing colour white; Direct, wide light distribution by means of a microprismatic diffuser with textured surface. Integrated LED driver with luminaire wired ready for operation. Electrical connection via 1.0m long connection cable, 2x0.75mm². Recommended surface-mounting accessory RDES-AR 230 must be ordered separately. Adapter rings are available on request for installation in individual ceiling openings. Special accessory, cover for ceiling cut-out dimensions 240-260 mm on request.

CHARACTERISTICS

| | |
|-------------------------------|---|
| Order number | 37673104170 |
| EAN number | 4020863468300 |
| Commodity code | 94051190 |
| Certification mark | IP 44/20, Protection class II, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| Ambient temperatur | ta 25°C |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

DEEP-LINK

<https://www.regiolux.de/en/article/37673104170>

ELECTRICAL ENGINEERING

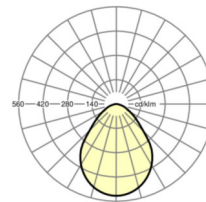
| | |
|--------------------------------------|--|
| Controller | Electronic driver (1 pcs.) |
| System output | 16W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 14 pieces/B10, 24 pieces/B16, 24 pieces/C10, 40 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

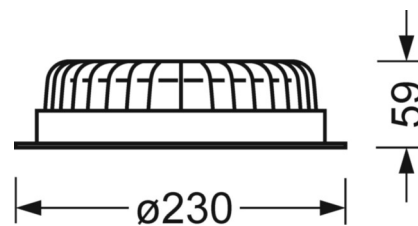
| | |
|------------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Luminaire luminous flux | 1923lm |
| LED service life | 50000h L80/B50 (Tq 25°C) |
| Luminaire luminous efficiency | 120lm/W |
| Beam angle | 85° |
| UGR lat./long. | 22.4 / 22.4 |

MECHANICS

| | |
|-------------------------|---|
| Housing colour | white |
| Dimensions (LxWxDxH) | 230mm x 59mm |
| Depth | 59mm |
| Ceiling system | cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 215mm |
| Installation depth | 110mm [AD] |
| Weight (net) | 1.21kg |
| Type of installation | Individual surface mounting, Ceiling installation individual mounting |



| | |
|----------------|----------------|
| Reference | LED 1900lm 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 22.4 / 22.4 |



Dimensions

| | | |
|--------|--------|--|
| H | 59 mm | Height |
| D | 230 mm | Diameter |
| T | 59 mm | Depth |
| DA | 215 mm | Cutting dimension diameter |
| DS min | 10 mm | Ceiling thickness minimum |
| DS max | 20 mm | Ceiling thickness maximum |
| Et(AD) | 110 mm | Ceiling distance minimum (cut-out ceiling) |
| KL | 145 mm | Length luminaire head or box for ballasts |
| KB | 43 mm | Width luminaire head or box for ballasts |
| KH | 30 mm | Height luminaire head or box for ballasts |

