

Recessed downlight - Opal diffuser - direct wide distribution

Housing made of die-cast aluminium painted in RAL 9016 traffic white, with driver, wired ready for use, aluminium heat sink for effective passive cooling and recessed opal diffuser panel to break up the ceiling appearance. With fixing springs for installation without tools, suitable for ceiling thickness of 10 mm – 20 mm. Housing colour white; Direct, wide-beam light distribution by means of a opal 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 | 37673114140 |
| EAN number | 4020863344208 |
| Commodity code | 94051190 |
| Certification mark | IP 44/20, Protection class II, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| Ambient temperatur | ta 25°C |
| Warranty period | 5 years |

ELECTRICAL ENGINEERING

| | |
|-----------------------------------|--|
| Controller | Electronic driver (1 pcs.) |
| System output | 31W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 28 pieces/B10, 45 pieces/B16, 42 pieces/C10, 68 pieces/C16 |

LIGHTING TECHNOLOGY

| | |
|------------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 3000K |
| Colour tolerance (MacAdam) | 5SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Nominal luminous flux | 2912lm |
| LED service life | 50000h L80/B50 (Tq 25°C) |
| Luminaire luminous efficiency | 94lm/W |
| Beam angle | 105° |
| UGR lat./long. | 26.5 / 26.5 |

MECHANICS

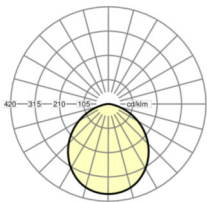
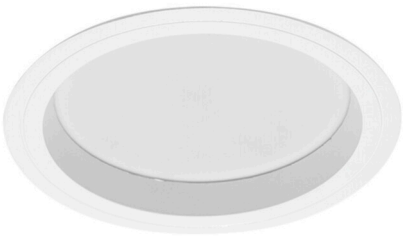
| | |
|-------------------------|--|
| Housing colour | white |
| Dimensions (LxWxH/DxH) | 230mm x 59mm |
| Depth | 59mm |
| Ceiling system | cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 215mm |
| Installation depth | 110mm [AD] |
| Weight (net) | 1.21kg |
| Type of installation | Ceiling installation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

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 |

DEEP-LINK

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|---|
| https://www.regiolux.de/en/article/37673114140 |
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| | |
|----------------|----------------|
| Reference | LED 3000lm 830 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 26.5 / 26.5 |

