

Recessed downlight - Opal diffuser - direct wide distribution

Die-cast aluminium housing for effective passive cooling, lacquered; with fastening springs for tool-free installation, suitable for ceiling thicknesses of 10mm-20mm. Housing colour traffic white RAL 9016; Direct wide light distribution by means of diffused opal diffuser; Integrated LED driver (interchangeable) wired with luminaire as ready to use. Electric connection via 1.0m long connection cable, 4x0.75mm².**CHARACTERISTICS**

| | |
|-------------------------------|--|
| Order number | 37733106640 |
| EAN number | 4020863473069 |
| Commodity code | 94051190 |
| Certification mark | IP 44/20, Protection class II, F, Indoor, CE |
| Impact resistance (IK rating) | IK05 (25°C bis 35°C) |
| Ambient temperatur | ta 25°C to 35°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) | 20 pieces/B10, 30 pieces/B16 |
| Energy efficiency class/light source | D |

LIGHTING TECHNOLOGY

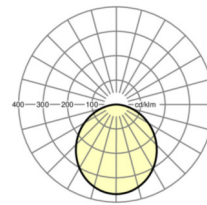
| | |
|------------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Nominal luminous flux | 2998lm |
| LED service life | 60000h L80/B50 (Tq 25°C), 100000h L70/B50 (Tq 25°C), 50000h L80/B50 (Tq 35°C) |
| Luminaire luminous efficiency | 111lm/W |
| Beam angle | 110° |
| UGR lat./long. | 28.6 / 28.6 |

MECHANICS

| | |
|-------------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxDxH) | 225mm x 22mm |
| Depth | 22mm |
| Ceiling system | cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 210mm |
| Installation depth | 52mm [AD] |
| Weight (net) | 0.75kg |
| Type of installation | Ceiling installation individual mounting |

Dimensions

| | | |
|--------|--------|--|
| H | 22 mm | Height |
| D | 225 mm | Diameter |
| T | 22 mm | Depth |
| DA | 210 mm | Cutting dimension diameter |
| DS min | 10 mm | Ceiling thickness minimum |
| DS max | 20 mm | Ceiling thickness maximum |
| Et(AD) | 52 mm | Ceiling distance minimum (cut-out ceiling) |
| KL | 97 mm | Length luminaire head or box for ballasts |
| KB | 43 mm | Width luminaire head or box for ballasts |
| KH | 29 mm | Height luminaire head or box for ballasts |

DEEP-LINK<https://www.regiolum.de/en/article/37733106640>

| | |
|----------------|----------------|
| Reference | LED 3000lm 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 28.6 / 28.6 |

