

Recessed spotlight - MIRO® High gloss faceted reflector - direct, narrow distribution

Housing made of die-cast aluminium, powder-coated, square design, tool-free connection of LED unit and LED holder according to Zhaga specification, die-cast aluminium heat sink for effective passive cooling, reflector unit gimbal-mounted, with fixing springs for tool-free mounting, suitable for ceiling thicknesses of 10 mm – 20 mm; Housing colour traffic white RAL 9016; Light distribution direct, narrow distribution by means of MIRO® High gloss faceted reflector of MIRO Aluminium, Highly-efficient aluminium with 99.8% reflectance; clear safety glass. Suitable for VDU workstations, 65° < 1000 cd/m<sup>2</sup> omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 15.3. External driver with luminaire wired ready for operation. Electrical connection via 0.7m long connection cable, 2x0.75mm<sup>2</sup>+2x0.75mm<sup>2</sup>. Luminaire including LED and driver. Interchangeable reflector 60°-160/170 available as an accessory. Head can be swivelled on gimbal 2 x 45°

## CHARACTERISTICS

|                    |   |
|--------------------|---|
| Order number       | 37580056630   |
| EAN number         | 4020863343591   |
| Commodity code     | 94051190  |
| Certification mark | IP 20, Protection class II, VDU 65°<1000, F, Indoor, CE |
| Special properties | Ready for IoT   |

## DEEP-LINK

<https://www.regiolum.de/en/article/37580056630>

## ELECTRICAL ENGINEERING

|                                      |  |
|--------------------------------------|--|
| Controller                           | Electronic driver DALI2 (1 pcs.)                           |
| System output                        | 36W  |
| Mains voltage                        | 230V/50Hz  |
| Circuit breakers (inrush current)    | 33 pieces/B10, 55 pieces/B16, 57 pieces/C10, 92 pieces/C16 |
| Energy efficiency class/light source | D  |

## LIGHTING TECHNOLOGY

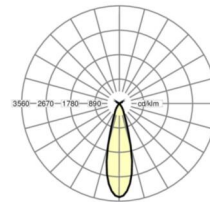
|                               |   |
|-------------------------------|---|
| Placement                     | LED, Colour rendering/Light colour CRI ≥ 80 / 3000K |
| Nominal luminous flux         | 4101lm  |
| LED service life              | 50000h L80/B50                                      |
| Luminaire luminous efficiency | 114lm/W   |
| Beam angle                    | 30°   |
| UGR lat./long.                | 15.3 / 15.3 (30° reflector)                         |

## MECHANICS

|                              |  |
|------------------------------|--|
| Housing colour               | traffic white RAL 9016                   |
| Dimensions (LxWxDxH)         | 175mm x 175mm x 119mm                    |
| Ceiling system               | cut-out ceilings [AD]                    |
| Ceiling cut-out (LxW/D)      | 155mm x 160mm                            |
| Installation depth           | 160mm [AD]                               |
| Weight (net)                 | 1.7kg                                    |
| Swivel and turn area (x/y/z) | ± 45° / ± 45° / 0°                       |
| Type of installation         | Ceiling installation individual mounting |

## Dimensions

|        |        |  |
|--------|--------|--|
| L      | 175 mm | Length                                     |
| B      | 175 mm | Width                                      |
| H      | 119 mm | Height                                     |
| DA(L)  | 155 mm | Cutting dimension length                   |
| DA(B)  | 160 mm | Cutting dimension width                    |
| DS min | 10 mm  | Ceiling thickness minimum                  |
| DS max | 20 mm  | Ceiling thickness maximum                  |
| Et(AD) | 160 mm | Ceiling distance minimum (cut-out ceiling) |
| KL     | 170 mm | Length luminaire head or box for ballasts  |
| KB     | 45 mm  | Width luminaire head or box for ballasts   |
| KH     | 35 mm  | Height luminaire head or box for ballasts  |



|                 |                             |
|-----------------|-----------------------------|
| Reference       | LED 4100lm 830              |
| η <sub>LB</sub> | 100 %                       |
| Φ ↓/↑           | 100 % / 0 %                 |
| UGR lat./long.  | 15.3 / 15.3 (30° reflector) |
| VDU             | 65° < 1000cd/m <sup>2</sup> |

