

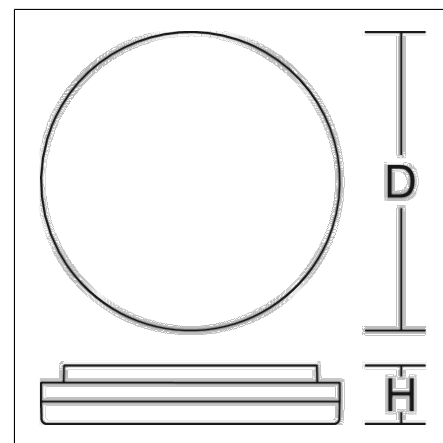
# SCABRA R

## 312814.002.19 | Surface-mounted luminaires



Ceiling and wall luminaires  
4068754055352  
D 300, H 60

Ceiling mounting, Wall (surface)  
white



Decorative round surface-mounted luminaire for indoor and outdoor use, with glass-look plastic diffuser. Base made of UV-resistant, shock-proof plastic (polycarbonate). Diffuser made from glossy, non-yellowing (PMMA) plastic with a satin finish on the inside. Diffuser fastening: bayonet system. Homogeneous light distribution from the diffuser. Symmetrical light distribution. Indirect light distribution for soft wall or ceiling illumination. Suitable for Ceiling mounting, Wall (surface). Simple assembly and installation with mounting support and plug-and-play connection. The large connection compartment on the back for convenient connections is also ideal for through wiring. Side cable entry prepared. Great flexibility thanks to MultiLumen and MultiColour. MultiLumen: Luminous flux variable in 3 steps. Factory-set to maximum luminous flux. MultiColour: Colour temperature individually adjustable either 3000 K or 4000 K. Factory setting 3000 K. HF movement sensor and light sensor. Functional parameters of the motion detector (ceiling mounting up to 6.0 m or wall mounting up to 2.5 m): Operating frequency 5,8 GHz. Detection angle 175°. Radial detection range up to 3 m, depending on installation height. Functions adjustable via Dip switch. Sensitivity: 50-100%, adjustable in 2 steps. Holding time: 5 sec. - 10 min., adjustable in 4 steps. Brightness threshold: Disabled / 30 lx, adjustable. Adjustable standby dimming stages: 0% or 20%. Adjustable standby duration: infinite or 15 minutes.

### Product specifications

|                                              |                                                            |
|----------------------------------------------|------------------------------------------------------------|
| Diameter D                                   | 300 mm                                                     |
| Height H                                     | 60 mm                                                      |
| Weight                                       | 1.53 kg                                                    |
| Light source                                 | LED                                                        |
| Colour temperature                           | 3000 K   4000 K                                            |
| Rated luminous flux                          | 3000 K: 1500 lm   3050 lm<br>4000 K: 1600 lm   3200 lm     |
| System power                                 | 3000 K: 12 W   25 W<br>4000 K: 12 W   25 W                 |
| System efficiency                            | 3000 K: 125 lm/W   122 lm/W<br>4000 K: 133 lm/W   128 lm/W |
| Glare evaluation RUG (4H 8H)                 | 3000 K: 22   24,5<br>4000 K: 22,2   24,6                   |
| Beam angle                                   | 118°                                                       |
| LED rated life                               | 100000 h (L80/B50)<br>50000 h (L90/B50)                    |
| Colour rendering index (CRI)                 | 80                                                         |
| Colour tolerance (McAdam)                    | 4 SDCM                                                     |
| Photobiological safety according to EN 62471 | Risk group 0                                               |
| Driver                                       | Converter                                                  |
| Control                                      | on/off                                                     |
| Voltage                                      | 220 - 240 V / 50 Hz, 60 Hz                                 |
| Luminaires on B10A fuse                      | 20                                                         |
| Luminaires on B16A fuse                      | 32                                                         |
| Luminaires on C10A fuse                      | 33                                                         |
| Luminaires on C16A fuse                      | 54                                                         |
| Inrush current / Inrush current duration     | 14.2 A / 250 µs                                            |
| CIE Flux Code / CEN Flux Code                | 45 78 95 95 100                                            |
| Type of protection                           | IP 54                                                      |
| Protection class                             | II                                                         |
| Filament test                                | 650 °C                                                     |

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|                     |                  |
|---------------------|------------------|
| Impact resistance   | IK06             |
| Ambient temperature | -20 °C to +45 °C |
| Conformity mark     | CE               |