

## ELSA-2 DL 68 OP 100° 500 830 WH

**Item number** E010298967  
**GTIN** 4015120298967

|                    |      |              |           |               |
|--------------------|------|--------------|-----------|---------------|
| 110 V -<br>230 V ~ | IP40 | CQS<br>80-85 | CRI<br>80 | LED<br>3000 K |
|--------------------|------|--------------|-----------|---------------|

### Product description

- LED downlight, 3000K with opal cover (diffuser), 5W, for ceiling mounting without additional accessories
- High light quality and system performance
- Operating device on/off, included



### Technical data

| GENERAL  |  |
|--|--|
| Device category                                  | Downlight                                |
| Remote controllable                              | –  |
| Conformity                                       | CE, EAC, RoHS, WEEE                      |
| Warranty   | 5 years                                  |
| ATTACHMENT                                       |  |
| Installation type                                | Recessed mounting                        |
| Installation position                            | Ceiling                                  |
| Installation dimension                           | Installation depth: 60 mm, Ø 68 mm       |
| Connectable wire cross section                   | 0.75 mm <sup>2</sup>                     |
| HOUSING  |  |
| Dimensions                                       | Height/Depth 45 mm, Ø 98 mm              |
| Weight   | 194 g                                    |
| Material   | powder-coated aluminium                  |
| Protection type                                  | IP20 / IP44 below the ceiling (built-in) |
| Permissible ambient temperature                  | -20 °C...+40 °C                          |
| Relative humidity                                | 5 - 93 %, non-condensing                 |
| Colour   | white, similar to RAL 9003               |
| Glow wire test in accordance with IEC 60695-2-10 | 650 °C                                   |
| ELECTRICAL VERSION                               |  |
| Control system                                   | ON/OFF                                   |
| Protection class                                 | II                                       |
| Nominal voltage                                  | 220 - 240 V ~ / 50 - 60 Hz               |

|                 |                |
|-----------------|----------------|
| In-rush current | 1.9 A / 104 µs |
| Leakage current | 0.009 mA       |

| LIGHT                        |         |
|------------------------------|---------|
| Diffuser                     | opal    |
| Light emission               | direct  |
| Beam angle                   | 100 °   |
| Unified Glare Rating         | ≤ 30    |
| Flicker factor               | 0 %     |
| Rated output P               | 6.5 W   |
| Luminous flux                | 500 lm  |
| Luminous efficacy            | 76 lm/W |
| Colour temperature           | 3000 K  |
| Colour rendering index Ra    | > 80    |
| Colour tolerance             | 2 SDCM  |
| Color Quality Scale          | >80     |
| L70B10 lifetime at 25 °C     | 60000 h |
| Lebensdauer L70B50 bei 25 °C | 60000 h |
| Lebensdauer L80B10 bei 25 °C | 40000 h |
| Life time L80B50 at 25 °C    | 40000 h |
| Lebensdauer L90B10 bei 25 °C | 20000 h |
| Life time L90B50 at 25 °C    | 20000 h |
| Photobiological safety       | RG0     |

### SENSORS

### CHANNELS (LIGHTING / HVAC)

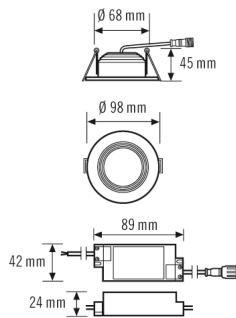
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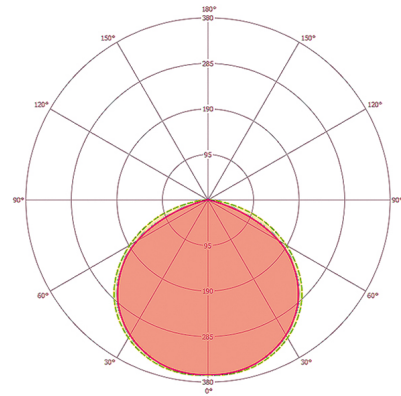
### Accessories

| Product designation           | Item number | Product description                                       | GTIN          |
|-------------------------------|-------------|---|---------------|
| <b>Adapter</b>                |             |   |               |
| ELSA-2 RING 65                | E010300288  | Adapter ring 65–105 mm for ELSA-2 series                  | 4015120300288 |
| <b>Electrical accessories</b> |             |   |               |
| JUNCTION BOX 5-POLE BK        | E010430947  | Universal junction box, black, 5-pin, 2.5 mm <sup>2</sup> | 4015120430947 |

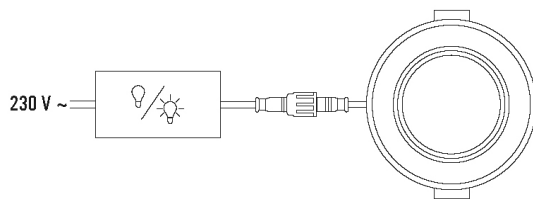
### Dimension drawing



### Light distribution

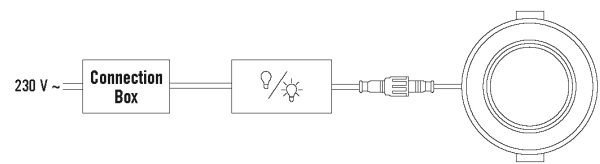


### Circuit diagram



Standard operation

### Circuit diagram



Standard operation CB