

ELSA-2 DL 165 OP 110° 900 840 DALI WH

Item number E010298936
GTIN 4015120298936

| | | | | |
|--------------------|------|--------------|-----------|---------------|
| 110 V - 230 V ~ | IP40 | CQS 80-85 | CRI 80 | LED 4000 K |
|--------------------|------|--------------|-----------|---------------|



Technical data

| GENERAL | |
|--|--|
| Device category | Downlight |
| User interface | DALI-Bus |
| Remote controllable | – |
| Conformity | CE, EAC, RoHS, WEEE |
| Warranty | 5 years |
| ATTACHMENT | |
| Installation type | Recessed mounting |
| Installation position | Ceiling |
| Installation dimension | Installation depth: 50 mm, Ø 165 mm |
| Connectable wire cross section | 0.75 mm ² |
| HOUSING | |
| Dimensions | Height/Depth 25 mm, Ø 180 mm |
| Weight | 641 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 | DALI |
| Protection class | II |
| Nominal voltage | 220 - 240 V ~ / 50 - 60 Hz |

Product description

- LED downlight, 4000K with opal cover (diffuser), 9W, for ceiling mounting without additional accessories
- High light quality and system performance
- Operating device DALI with SwitchDIM, included

Offers special product features like:

- SwitchDIM function

| | |
|-----------------|---------------|
| In-rush current | 5.5 A / 95 µs |
| Leakage current | 0.01 mA |

| LIGHT | |
|------------------------------|---------|
| Diffuser | opal |
| Light emission | direct |
| Beam angle | 110 ° |
| Unified Glare Rating | ≤ 25 |
| Flicker factor | 0 % |
| Rated output P | 9.5 W |
| Luminous flux | 900 lm |
| Luminous efficacy | 94 lm/W |
| Colour temperature | 4000 K |
| Colour rendering index Ra | > 80 |
| Colour tolerance | 1 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) | |

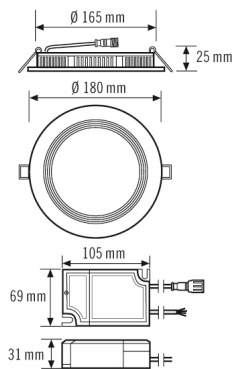
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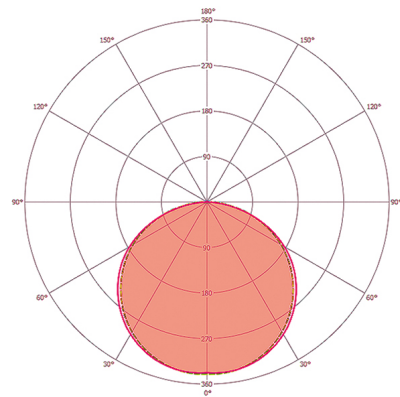
Accessories

| Product designation | Item number | Product description | GTIN |
|---------------------------------|-------------|---|---------------|
| Adapter | | | |
| ELSA-2 RING 165 | E010300271 | Adapter ring 165–200 mm for ELSA-2 series | 4015120300271 |
| Electrical accessories | | | |
| JUNCTION BOX 5-POLE BK | E010430947 | Universal junction box, black, 5-pin, 2.5 mm ² | 4015120430947 |
| Mounting | | | |
| ELSA-2 MOUNTING FRAME 165 SM WH | E010300882 | Ceiling installation frame for ELSA-2 165 series | 4015120300882 |

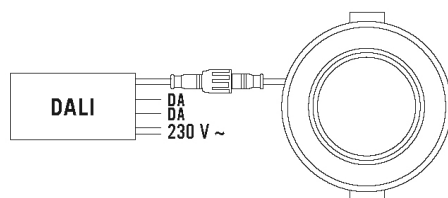
Dimension drawing



Light distribution

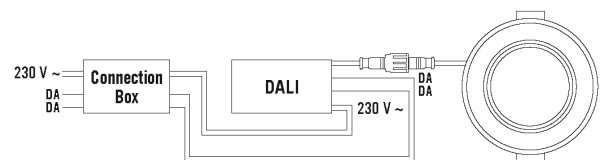


Circuit diagram



Standard operation

Circuit diagram



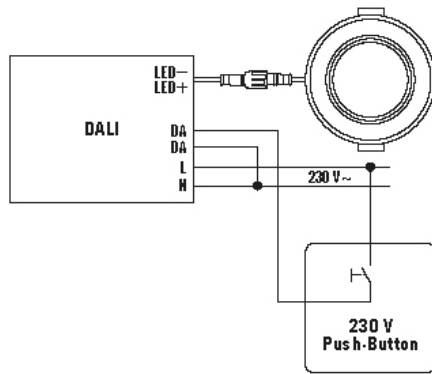
Standard operation CB

DATA SHEET

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Circuit diagram



Standard operation SwitchDIM