

# PRODUCT DATASHEET

## Downlight Slim 85mm 4.5W 4000K

LED SPOT AND DOWNLIGHT RECESS SLIM | Recess slim downlight with integrated driver



### Areas of application

- Indoor applications
- Corridors, entrance areas, stairwells, living rooms, basements
- Bedrooms
- Kitchens

### Product benefits

- Very slim design
- Ideal when few space in the ceiling

### Product features

- Integrated driver
- Housing material: plastic



TECHNICAL DATA

Electrical data

|                                      |                       |
|--------------------------------------|-----------------------|
| Nominal wattage                      | 4.50 W                |
| Nominal voltage                      | 220...240 V           |
| Mains frequency                      | 50...60 Hz            |
| Nominal current                      | 60.000 mA             |
| Inrush current                       | < 20 A                |
| Inrush current time T <sub>h50</sub> | 1500 µs               |
| Power factor λ                       | > 0.4                 |
| Total harmonic distortion            | < 20 %                |
| Protection class                     | II                    |
| Operating mode                       | Integrated LED driver |

Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 240 lm     |
| Total luminous flux of contained light sources | 480 lm     |
| Luminous efficacy                              | 56 lm/W    |
| Color temperature                              | 4000 K     |
| Light color (designation)                      | Cool White |
| Color rendering index Ra                       | ≥80        |
| Standard deviation of color matching           | < 6 sdcm   |
| Photobiological safety group acc. to EN62778   | RG0        |
| Photobiological safety group acc. to EN62471   | RG0        |
| Beam angle                                     | 110 °      |

Dimensions & Weight

|                |          |
|----------------|----------|
| Diameter       | 85.00 mm |
| Height         | 32.00 mm |
| Product weight | 60.00 g  |

DOWNLIGHT SLIM 85MM

Materials & Colors

|                                            |                             |
|--------------------------------------------|-----------------------------|
| Product color                              | White                       |
| Housing color                              | White                       |
| Body material                              | Polypropylene (PP) polyamid |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                      |
| Mercury content                            | 0.0 mg                      |

### Application & Mounting

|                              |                |
|------------------------------|----------------|
| Ambient temperature range    | -20...+40 °C   |
| Temperature range at storage | -20...+70 °C   |
| Type of connection           | Screw terminal |
| Type of protection           | IP20           |
| Dimmable                     | No             |
| Mounting type                | Recessed       |
| Mounting location            | Ceiling        |
| Application environment      | Indoor         |
| Mounting diameter            | 72,0 mm        |
| Mounting depth               | 35,0 mm        |
| With light source            | Yes            |
| Replaceable light source     | No             |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 25000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / EAC / UKCA |
| Luminaire with limited surface temperature, "D sign" | No              |

### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

– Check wall-ceiling for suitability. If uncertain, seek professional advice.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name       |
|----------------------------------------------------------------------------------|----------------------------------------|---------------------|
|  | User instruction / safety instructions | DOWNLIGHT SLIM      |
|  | Declarations of conformity             | DL SLIM 225M / 85MM |
|  | Declarations of conformity UKCA        | DL and SP LUM       |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075573116 | Folding box<br>1             | 97 mm x 97 mm x 57 mm                | 83.00 g      | 0.54 dm <sup>3</sup>  |
| 4058075573123 | Shipping box<br>6            | 202 mm x 104 mm x 186 mm             | 704.00 g     | 3.91 dm <sup>3</sup>  |
| 4058075642997 | Shipping box<br>36           | 422 mm x 335 mm x 209 mm             | 4657.00 g    | 29.55 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.