

# PRODUCT DATASHEET

## LED Downlight Side-Mainlight 175mm 18W 830 White

LED Downlight Side-Mainlight | Downlight with selectable light sources



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### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

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### Product benefits

- Through-wiring possible with included connector box
- Easy mounting

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### Product features

- Recessed ceiling mounting
- Color temperature: 3,000 K
- Through wiring possible
- Type of protection: IP20

TECHNICAL DATA

Electrical data

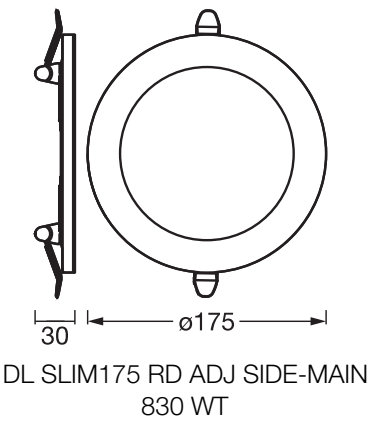
|                                                             |               |
|-------------------------------------------------------------|---------------|
| Nominal wattage                                             | 18.00 W       |
| Nominal voltage                                             | 220...240 V   |
| Mains frequency                                             | 50...60 Hz    |
| Nominal current                                             | 450.000 mA    |
| Max. number of luminaires per miniature circuit breaker B16 | 23            |
| Max. number of luminaires per miniature circuit breaker C16 | 23            |
| Power factor $\lambda$                                      | > 0.90        |
| Protection class                                            | II            |
| Operating mode                                              | Mains voltage |

Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 1400 lm    |
| Total luminous flux of contained light sources | 1400 lm    |
| Luminous efficacy                              | 77 lm/W    |
| Color temperature                              | 3000 K     |
| Light color (designation)                      | Warm White |
| Color rendering index Ra                       | > 80       |
| Standard deviation of color matching           | < 6 sdcm   |
| Flickering metric (Pst LM)                     | <1         |
| Stroboscope effect metric (SVM)                | <0.4       |
| Photobiological safety group acc. to EN62778   | RG0        |
| Beam angle                                     | 120 °      |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 175.00 mm |
| Height         | 30.00 mm  |
| Product weight | 350.00 g  |



Materials & Colors

|                                            |                  |
|--------------------------------------------|------------------|
| Product color                              | White            |
| Housing color                              | White            |
| Body material                              | Aluminum         |
| Cover material                             | Polystyrene (PS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C           |

Application & Mounting

|                              |                         |
|------------------------------|-------------------------|
| Ambient temperature range    | -20...+40 °C            |
| Temperature range at storage | -20...+70 °C            |
| Type of connection           | Terminal, 2-Pole (L, N) |
| Type of protection           | IP20/IP20               |
| Dimmable                     | No                      |
| Mounting type                | Recessed                |
| Mounting location            | Ceiling                 |
| Mounting diameter            | 85...145 mm             |
| Mounting depth               | 30,0 mm                 |
| With light source            | Yes                     |
| Replaceable light source     | No                      |

Lifespan

|                            |       |
|----------------------------|-------|
| Number of switching cycles | 50000 |
|----------------------------|-------|

Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

Certificates & Standards

|           |    |
|-----------|----|
| Standards | CE |
|-----------|----|

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

### Additional product data

|                |                             |
|----------------|-----------------------------|
| Product remark | Available from October 2025 |
|----------------|-----------------------------|

### Safety advice

- Luminaire must be disconnected from mains during installation, maintenance and cover removal
- Check wall-ceiling for suitability. If uncertain, seek professional advice.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

### DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name |
|----------------------------------------------------------------------------------|----------------------------------------|---------------|
|  | User instruction / safety instructions | DL SLIM       |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075853935 | Folding box<br>1             | 43 mm x 183 mm x 183 mm              | 459.00 g     | 1.44 dm <sup>3</sup>  |
| 4058075853942 | Shipping box<br>24           | 386 mm x 276 mm x 392 mm             | 1 1624.00 g  | 41.76 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.