

# PRODUCT DATASHEET

## DL SLIM DN 105 6 W 4000 K WT

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



### Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

### Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- Easy installation with fast connection
- Simple installation thanks to integrated driver

### Product features

- Small visible bezel
- Connector box with push wire terminal for tool-free connection



- Light guide made of non-yellowing PMMA for long lifetime

TECHNICAL DATA

Electrical data

|                           |                       |
|---------------------------|-----------------------|
| Nominal wattage           | 6.00 W                |
| Nominal voltage           | 220...240 V           |
| Operating mode            | Integrated LED driver |
| Nominal current           | 58 mA                 |
| Type of current           | AC                    |
| Inrush current            | 6 A                   |
| Mains frequency           | 50...60 Hz            |
| Total harmonic distortion | < 20 %                |
| Power factor $\lambda$    | 0.50                  |

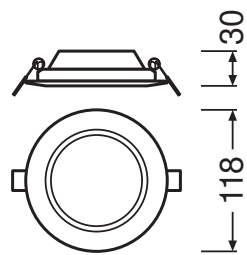
Photometrical data

|                                      |            |
|--------------------------------------|------------|
| Luminous intensity                   | -          |
| Luminous flux                        | 430 lm     |
| Luminous efficacy                    | 70 lm/W    |
| Light color (designation)            | Cool White |
| Color temperature                    | 4000 K     |
| Color rendering index Ra             | > 80       |
| Light color                          | 840        |
| Standard deviation of color matching | < 6 sdcm   |
| Flickering metric (Pst LM)           | -          |
| Stroboscope effect metric (SVM)      | -          |

Light technical data

|               |       |
|---------------|-------|
| Beam angle    | 120 ° |
| Starting time | 0.2 s |

Dimensions & Weight



|                |           |
|----------------|-----------|
| Diameter       | 118.00 mm |
| Product weight | 158.00 g  |

#### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+50 °C |
|---------------------------|--------------|

#### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 50000                 |

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

#### Additional product data

|                 |        |
|-----------------|--------|
| Mercury content | 0.0 mg |
|-----------------|--------|

#### Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

#### Certificates & Standards

|                                              |               |
|----------------------------------------------|---------------|
| Type of protection                           | IP20          |
| Standards                                    | CE / CB / EAC |
| Photobiological safety group acc. to EN62778 | RG0           |

#### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | DL SLIM DN105 6 |
|-----------------|-----------------|

#### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -30...+70 °C |
|------------------------------|--------------|

#### Energy labelling regulation data acc EU 2019/2015

|        |          |
|--------|----------|
| Height | 30.00 mm |
|--------|----------|

#### Accessories Optional

| Product image                                                                     | Product name            | EAN           |
|-----------------------------------------------------------------------------------|-------------------------|---------------|
|  | DL SLIM FRAME DN 105 WT | 4058075052406 |
|  | DL SLIM FRAME DN 105 WT | 4058075079151 |

EQUIPMENT / ACCESSORIES

- Surface mounting frames available as accessories

Safety advice

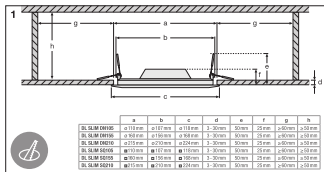
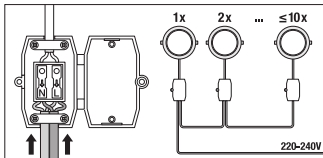
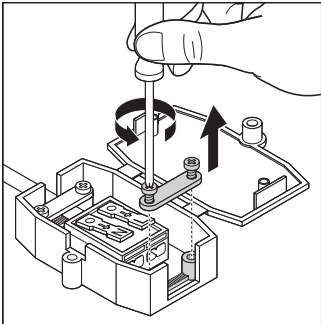
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

DOWNLOAD DATA

| Documents and certificates                                                         |                                 | Document name                       |
|------------------------------------------------------------------------------------|---------------------------------|-------------------------------------|
|  | Extended installation guide     | User Instruction Downlight LED Slim |
|  | On-Pack-Info                    | Legal Insert Downlight Slim         |
|  | Legal information               | LSI DL SLIM                         |
|  | Legal information               | Informationstext 18 Abs 4 ElektroG  |
|  | Declarations of conformity      | CE Certificate downlight Slim       |
|  | Declarations of conformity UKCA | DL SLIM WT IP20                     |
| Photometric and lighting design files                                              |                                 | Document name                       |
|  | IES file (IES)                  | DL SLIM DN105 6W 4000K WT IP20      |

| Photometric and lighting design files                                               |                                     | Document name                                |
|-------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|
|    | LDT file (Eulumdat)                 | DL SLIM DN105 6W 4000K WT IP20               |
|    | ULD file (DIALux)                   | DOWNLIGHTSLIMROUND1056W4000KWT               |
|    | ROLF file (RELUX)                   | DL SLIM DN105 6W-4000K                       |
|    | UGR file (UGR table)                | 4058075052246 DL SLIM DN105 6W 4000K WT IP20 |
|    | Light distribution curve type cone  | 4058075052246 DL SLIM DN105 6W 4000K WT IP20 |
|    | Light distribution curve type polar | 4058075052246 DL SLIM DN105 6W 4000K WT IP20 |
| CAD/BIM files                                                                       |                                     | Document name                                |
|    | BIM Revit 3D                        | Downlight Slim Round                         |
|    | CAD STEP 3D                         | DL SLIM DN 105                               |
| Tender texts                                                                        |                                     | Document name                                |
|  | Tender documents                    | DOWNLIGHT SLIM ROUND 105 6 W 4000 K WT-EN    |

ADDITIONAL CATALOG INFORMATION



References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

DISCLAIMER

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

