

# PRODUCT DATASHEET

## DL SLIM ALU DN 205 22 W 4000 K WT

DOWNLIGHT SLIM ALU GEN 1 | Flat downlights with external driver and aluminum housing



### 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
- External driver for easy replacement
- 5 years guarantee

### Product features

- Solid aluminum housing in white
- Small visible bezel



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

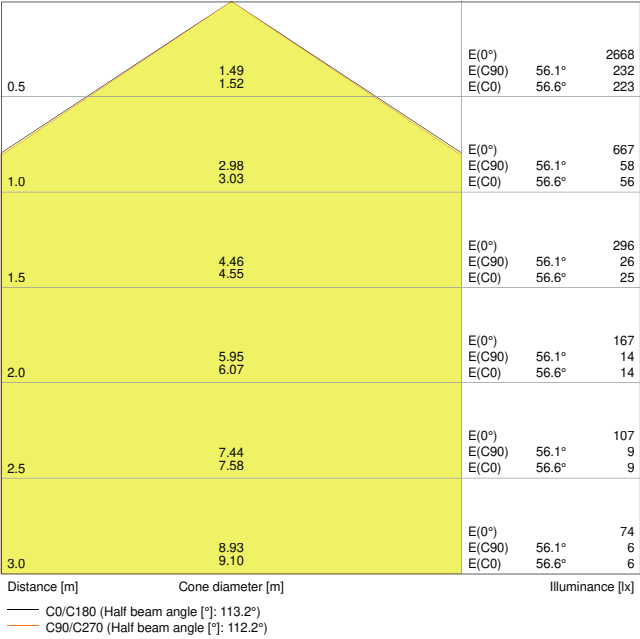
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**TECHNICAL DATA****Electrical data**

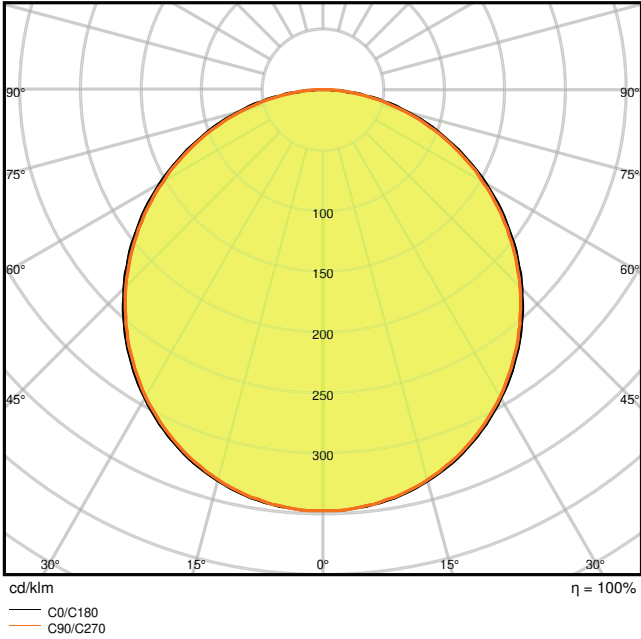
|                                                             |                               |
|-------------------------------------------------------------|-------------------------------|
| Nominal wattage                                             | 22.00 W                       |
| Nominal voltage                                             | 220...240 V                   |
| Mains frequency                                             | 50...60 Hz                    |
| Nominal current                                             | 190 mA                        |
| Inrush current                                              | 11 A                          |
| Inrush current time $T_{h50}$                               | 533 $\mu$ s                   |
| Max. number of luminaires per miniature circuit breaker B16 | 11                            |
| Max. number of luminaires per miniature circuit breaker C10 | 11                            |
| Max. number of luminaires per miniature circuit breaker C16 | 18                            |
| Power factor $\lambda$                                      | > 0.5                         |
| Total harmonic distortion                                   | < 20 %                        |
| Protection class                                            | II                            |
| Operating mode                                              | Electronic control gear (ECG) |

**Photometrical data**

|                                              |                       |
|----------------------------------------------|-----------------------|
| Luminous flux                                | 1920 lm               |
| Luminous efficacy                            | 90 lm/W               |
| Color temperature                            | 4000 K                |
| Light color (designation)                    | Cool White            |
| Color rendering index Ra                     | > 80                  |
| Standard deviation of color matching         | < 6 sdc <sub>cm</sub> |
| Luminous intensity                           | -                     |
| Flickering metric (Pst LM)                   | -                     |
| Stroboscope effect metric (SVM)              | -                     |
| Photobiological safety group acc. to EN62778 | RG0                   |
| Photobiological safety group acc. to EN62471 | RG0                   |
| Beam angle                                   | 120 °                 |



4058075064027 DL SLIM VALUE DN205 22W 4000K WT



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Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 225.00 mm |
| Height         | 23.00 mm  |
| Product weight | 350.00 g  |



Materials & Colors

|               |       |
|---------------|-------|
| Product color | White |
|---------------|-------|

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Housing color                              | White                         |
| Body material                              | Aluminum                      |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Light emitting surface material            | PMMA                          |
| 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           | -30...+70 °C               |
| Type of connection                     | Screwless terminal, 2-Pole |
| Type of protection                     | IP20                       |
| Protection class IK (shock resistance) | IK03                       |
| Dimmable                               | No                         |
| Mounting type                          | Recessed                   |
| Mounting location                      | Ceiling / Wall             |
| Application environment                | Indoor                     |
| Mounting diameter                      | 205 mm                     |
| Mounting depth                         | 40 mm                      |
| With light source                      | Yes                        |
| Replaceable light source               | No                         |

### Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 30000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 30000 h               |
| Lifespan L90/B10 at 25 °C  | 15000 h               |
| Number of switching cycles | 50000                 |

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

### Control gear

|                             |        |
|-----------------------------|--------|
| Output current              | 360 mA |
| ECG - Output ripple current | ≤ 10 % |
| ECG - Length                | 120 mm |
| ECG - Width                 | 42 mm  |
| ECG - Height                | 28 mm  |

## Certificates &amp; Standards

|                                                      |         |
|------------------------------------------------------|---------|
| Standards                                            | CE / CB |
| Luminaire with limited surface temperature, "D sign" | No      |
| Ball shot safe                                       | No      |

## Additional product data

|                       |              |
|-----------------------|--------------|
| Number of illuminants | Not relevant |
|-----------------------|--------------|

## Accessories Optional

| Product image                                                                     | Product name      | EAN           |
|-----------------------------------------------------------------------------------|-------------------|---------------|
|  | EM CONVERSION BOX | 4058075237025 |

## 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                                          |
|------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------|
|  | User instruction / safety instructions | Downlight Slim Value                                   |
|  | On-Pack-Info                           | Legal Insert Downlight LED ALU+Comfort                 |
|  | Legal information                      | LSI DL SLIM ALU                                        |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG                     |
|  | Declarations of conformity             | EU Declaration of Conformity DOWNLIGHT SLIM ALU TÜV Rh |
|  | Declarations of conformity             | EU Declaration of Conformity DOWNLIGHT SLIM ALU LEDV   |
|  | Declarations of conformity UKCA        | DL SLIM ALU                                            |

| Photometric and lighting design files                                              |                                     | Document name                                  |
|------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------|
|    | IES file (IES)                      | DL SLIM VALUE DN205 22W 4000K WT               |
|    | LDT file (Eulumdat)                 | DL SLIM VALUE DN205 22W 4000K WT               |
|    | ULD file (DIALux)                   | DOWNLIGHTSLIMALU20522W4000KWT                  |
|    | ROLF file (RELUX)                   | DL SLIM ALU DN205                              |
|    | UGR file (UGR table)                | 4058075064027 DL SLIM VALUE DN205 22W 4000K WT |
|    | Light distribution curve type cone  | 4058075064027 DL SLIM VALUE DN205 22W 4000K WT |
|    | Light distribution curve type polar | 4058075064027 DL SLIM VALUE DN205 22W 4000K WT |
| CAD/BIM files                                                                      |                                     | Document name                                  |
|    | BIM Revit 3D                        | DL SLIM ALU                                    |
|   | CAD STEP 3D                         | DL Slim Alu 22W                                |
| Tender texts                                                                       |                                     | Document name                                  |
|  | Tender documents                    | DOWNLIGHT SLIM ALU 205 22 W 4000 K WT-EN       |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075064027 | Folding box<br>1             | 47 mm x 227 mm x 228 mm              | 435.00 g     | 2.43 dm <sup>3</sup>  |
| 4058075064034 | Shipping box<br>10           | 495 mm x 245 mm x 245 mm             | 4766.00 g    | 29.71 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.

## References / Links

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

## DISCLAIMER

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