

# PRODUCT DATASHEET

## DL ALU DN 200 35 W 4000 K IP44/IP20 WT

DOWNLIGHT ALU | Downlight luminaires with aluminum housing



---

### Areas of application

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

---

### Product benefits

- 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
- External driver for extended flexibility (compatible with selected DALI drivers)
- 5 years guarantee

---

### Product features

- Diameter of required ceiling cut-out: 150 mm or 200 mm (depending on version)
- Type of protection: IP44



## TECHNICAL DATA

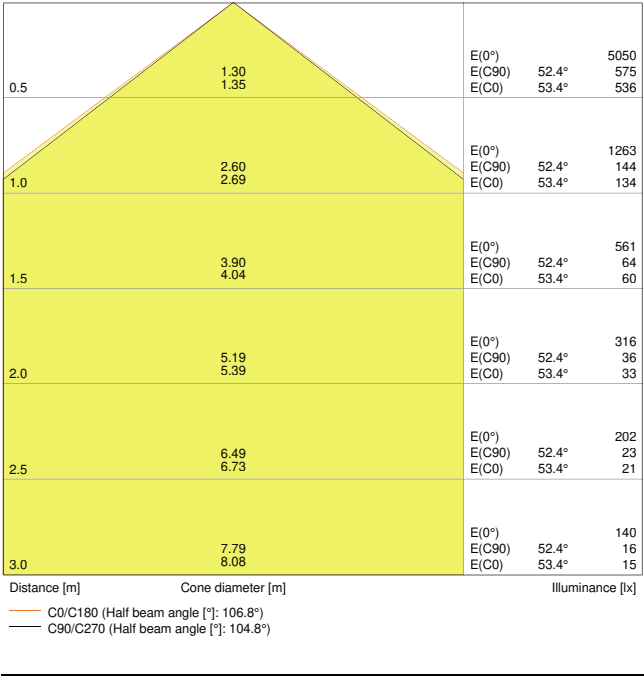
### Electrical data

|                                          |                     |
|------------------------------------------|---------------------|
| Nominal wattage                          | 35.00 W             |
| Nominal voltage                          | 220...240 V         |
| Mains frequency                          | 50...60 Hz          |
| Nominal current                          | 125 mA              |
| Inrush current                           | 9 A                 |
| Max. no. of lum. on circuit break. B16 A | 83                  |
| Max. no. of lum. on circuit break. C10 A | 64                  |
| Max. no. of lum. on circuit break. C16 A | 102                 |
| Power factor $\lambda$                   | > 0.90              |
| Total harmonic distortion                | < 20 %              |
| Protection class                         | II                  |
| Operating mode                           | External LED driver |

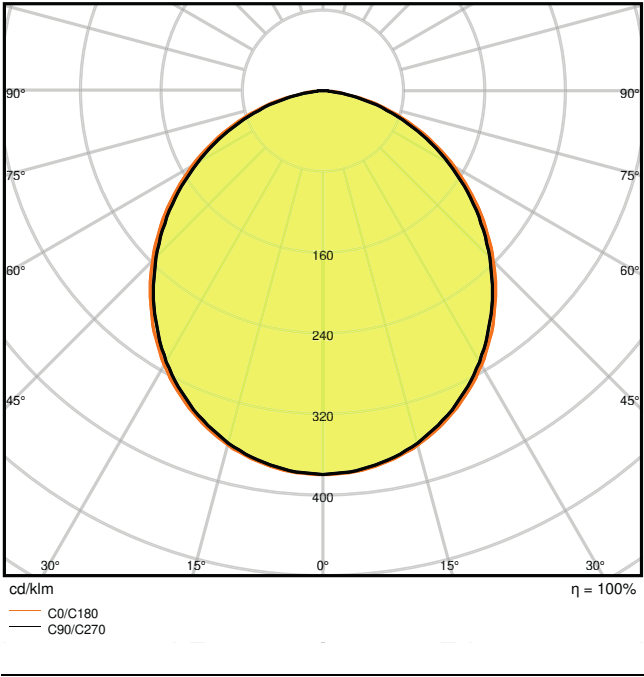
### Photometrical data

|                                              |                           |
|----------------------------------------------|---------------------------|
| Luminous flux                                | 3150 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         | $\leq 6$ sdc <sub>m</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                                   | 100 °                     |





LDC typ cone



LDC typ polar

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 215.00 mm |
| Height         | 61.00 mm  |
| Product weight | 600.00 g  |



Materials & Colors

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

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Housing color                              | White                         |
| Body material                              | Aluminum                      |
| Cover material                             | Polymethylmethacrylate (PMMA) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                        |
| Mercury content                            | 0.0 mg                        |

### Application & Mounting

|                                        |                              |
|----------------------------------------|------------------------------|
| Ambient temperature range              | -20...+45 °C                 |
| Temperature range at storage           | -20...+80 °C                 |
| Type of connection                     | Screw terminal, 2-Pole (L,N) |
| Type of protection                     | IP44/IP20                    |
| Protection class IK (shock resistance) | IK02                         |
| Dimmable                               | No                           |
| Mounting type                          | Recessed                     |
| Mounting location                      | Ceiling                      |
| Application environment                | Indoor                       |
| Mounting diameter                      | 200 mm                       |
| Mounting depth                         | 120 mm                       |
| LED module replaceable                 | Not replaceable              |
| With light source                      | Yes                          |

### Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 50000 h |
| Lifespan L80/B10 at 25 °C  | 45000 h |
| Lifespan L90/B10 at 25 °C  | 30000 h |
| Number of switching cycles | 100000  |

### Control gear

|                             |            |
|-----------------------------|------------|
| Output current              | 27...42 mA |
| ECG - Output ripple current | < 35 %     |
| ECG - Length                | 138 mm     |
| ECG - Width                 | 45 mm      |
| ECG - Height                | 28 mm      |

### Certificates & Standards

|           |                          |
|-----------|--------------------------|
| Standards | CE / CB / ENEC / TÜV SÜD |
|-----------|--------------------------|



|                                                      |    |
|------------------------------------------------------|----|
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe                                       | No |

DOWNLOAD DATA

| DOWNLOAD DATA                                                                       |                             |
|-------------------------------------------------------------------------------------|-----------------------------|
|    | User instruction            |
|    | Addon Technical Information |
|    | Tender documents            |
|    | Tender documents            |
|    | Declarations of conformity  |
|    | Declarations of conformity  |
|  | On-Pack-Info                |
|  | IES file (IES)              |
|  | LDT file (Eulumdat)         |
|  | R3D file (Relux 3D Model)   |
|  | M3D file (3D Model)         |
|  | ULD file (DIALux)           |
|  | UGR file (UGR table)        |

LOGISTICAL DATA

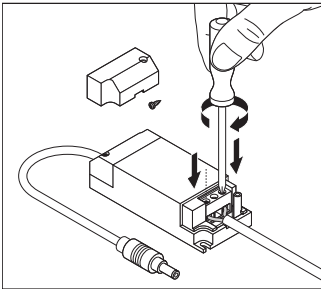
| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume   |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4058075091573 | Folding box<br>1             | 225 mm x 225 mm x 110 mm             | 775.00 g     | 5.57 dm³ |



| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075091580 | Shipping box<br>8            | 462 mm x 462 mm x 240 mm             | 6864.00 g    | 51.23 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.

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.

