# PRODUCT DATASHEET
# DL ALU DN   200 35 W 4000 K IP44 WT

## DOWNLIGHT ALU | Downlight luminaires with aluminum housing

### AREAS OF APPLICATION

- Direct replacement for luminaires with 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 |
| **Operating mode** | External LED driver |
| **Nominal voltage** | 220...240 V |
| **Power factor λ** | >0.90 |
| **Mains frequency** | 50/60 Hz |

### Luminaire control gear data

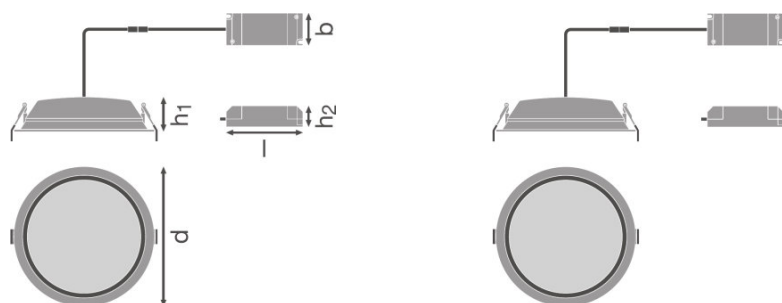| | |
|---|---|
| **Ouput current** | 27...42 mA |
| **ECG - Output ripple current** | <35 % |
| **ECG - Length** | 138 mm |
| **ECG - Width** | 45 mm |
| **Max. no. of lum. on circuit break. B16 A** | 67 |
| **Max. no. of lum. on circuit break. C10 A** | 50 |
| **Max. no. of lum. on circuit break. C16 A** | 100 |

### Photometrical data

| | |
|---|---|
| **Color temperature** | 4000 K |
| **Luminous flux** | 3150 lm |
| **Luminous efficacy** | 90 lm/W |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Light color (designation)** | Cool White |
| **Color rendering index Ra** | >80 |

### Light technical data

| | |
|---|---|
| **Beam angle** | 100.00 ° |

### Dimensions & weight

| Diameter | 215.0 mm |
|---|---|
| Height | 61.0 mm |
| Product weight | 600.00 g |
| Mounting diameter | 200.0 mm |

## Colors & materials

| Body material | Aluminum |
|---|---|
| Housing color | White |
| Product color | White |
| Cover material | Polymethylmethacrylate (PMMA) |

## Temperatures & operating conditions

| Ambient temperature range | -20…45 °C |
|---|---|

## Lifespan

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

## Additional product data

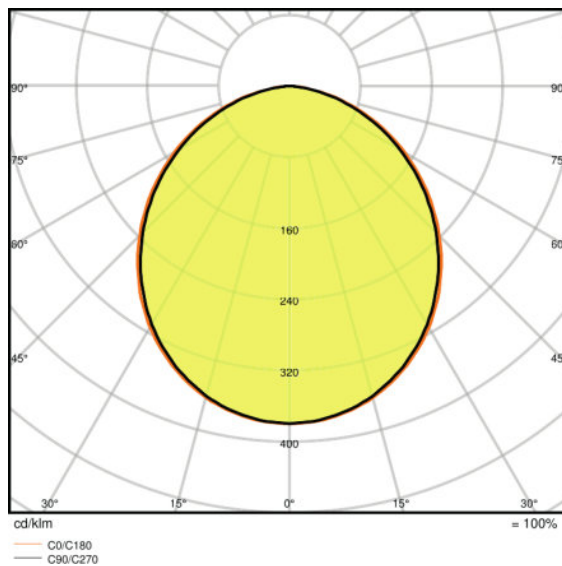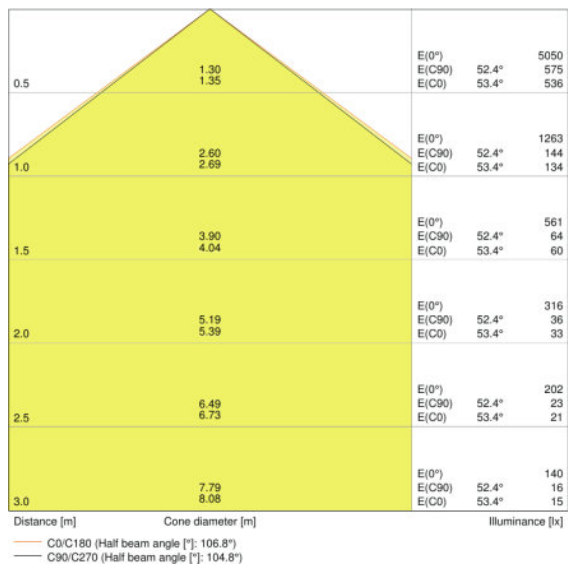| Mounting type | Recessed |
|---|---|
| Mounting location | Ceiling |

## Capabilities

| Dimmable | No |
|---|---|
| Type of connection | Screw terminal, 2-Pole (L,N) |
| LED module replaceable | Not replaceable |

## Certificates & standards

| Protection class IK (shock resistance) | IK02 |
|---|---|
| Glow Wire Test according to IEC 695-2-1 | 650 °C |
| Photobio. safety group acc. to EN62471 | RG 0 |
| Protection class | II |
| Type of protection | IP44 |
| Standards | CE/CB/ENEC/TÜV SÜD/RoHS |

## Light Distribution



LDC typ cone



LDC typ polar

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075091573 | Folding carton box 1 | 225 mm x 225 mm x 110 mm | 775.00 g | 5.57 dm³ |
| 4058075091580 | Shipping carton box 8 | 462 mm x 462 mm x 240 mm | 6860.00 g | 51.23 dm³ |

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

## DISCLAIMER

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