# PRODUCT DATASHEET
# LED ECO Downlight 15.00 W 6500 K GEN1

## LED ECO DOWNLIGHT | Spotlights and downlights



### Areas of application

– Corridors, entrances, foyers, stairwells, elevators

### Product benefits

– Low flicker light thanks to special electronic control gear
– Photobiological safety according to IEC 62471, risk group RG0

### Product features

– Available with color temperature: 3,000 K, 4,000 K, 6,500 K
– Long lifetime (L70/B50): up to 15,000 h
– Color rendering index $R_a$: ≥ 80
– Direct connection to AC power supply
– Mercury-free and RoHS compliant
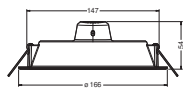
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 15.00 W |
| Nominal voltage | 220…240 V |
| Mains frequency | 50…60 Hz |
| Nominal current | 110.000 mA |
| Power factor $\lambda$ | 0.50 |
| Protection class | II |
| Operating mode | Integrated LED driver |

### Photometrical data

| | |
|---|---|
| Luminous flux | 1100 lm |
| Luminous efficacy | 73 lm/W |
| Color temperature | 6500 K |
| Light color (designation) | Daylight |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | 6 sdcm |
| Beam angle | 110 ° |

### Dimensions & Weight

| | |
|---|---|
| Diameter | 166.00 mm |
| Height | 54.00 mm |
| Product weight | 118.00 g |

LDECO DL60 15W G1

### Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |
| Body material | Plastic |
| Cover material | Polycarbonate (PC) |

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

## Application & Mounting

| Ambient temperature range | -20…+40 °C |
|---|---|
| Temperature range at storage | -20…+70 °C |
| Type of protection | IP20 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Ceiling |
| Application environment | Indoor |
| Mounting diameter | 140.0…160.0 mm |
| Mounting depth | 100 mm |
| Replaceable light source | No |

## Lifespan

| Lifespan L70/B50 at 25 °C | 15000 h [1] |
|---|---|
| Number of switching cycles | 15000 |

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

## Certificates & Standards

| Replaceable light source (EPREL) | Not replaceable |
|---|---|

## DOWNLOAD DATA

| | Photometric and lighting design files | Document name |
|---|---|---|
| | IES file (IES) | LDECO DL60 15W 865 G1 |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075342071 | Folding box 1 | 170 mm x 66 mm x 170 mm | 191.00 g | 1.91 dm³ |
| 4058075342088 | Shipping box 20 | 355 mm x 355 mm x 360 mm | 4770.00 g | 45.37 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.

## DISCLAIMER

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