

# PRODUCT DATASHEET

## LED ECO Downlight 7.00 W 3000 K GEN1

LED ECO DOWNLIGHT | Spotlights and downlights



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### Areas of application

- Corridors, entrances, foyers, stairwells, elevators

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### Product benefits

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

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### 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  $R_a$ :  $\geq 80$
- Direct connection to AC power supply
- Mercury-free and RoHS compliant



## TECHNICAL DATA

### Electrical data

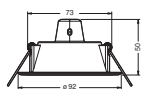
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	55.000 mA
Power factor $\lambda$	0.50
Protection class	II
Operating mode	Integrated LED driver

### Photometrical data

Luminous flux	450 lm
Luminous efficacy	64 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	6 sdc <sub>m</sub>
Beam angle	110 °

### Dimensions & Weight

Diameter	92.00 mm
Height	50.00 mm
Product weight	52.00 g



LDECO DL30 7W G1

### Materials & Colors

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

Mercury content	0.0 mg
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### 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	70.0...80.0 mm
Mounting depth	100 mm
Replaceable light source (EPREL)	Not replaceable

### Lifespan

Lifespan L70/B50 at 25 °C	15000 h <sup>1)</sup>
Number of switching cycles	15000

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

### DOWNLOAD DATA

Photometric and lighting design files	Document name
 IES file (IES)	LDECO DL30 7W 830 G1

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075341692	Folding box 1	93 mm x 56 mm x 93 mm	112.00 g	0.48 dm <sup>3</sup>
4058075341708	Shipping box 40	485 mm x 240 mm x 205 mm	5093.00 g	23.86 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.

### DISCLAIMER

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

