

PRODUCT DATASHEET

LED ECO Downlight 7.00 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 $R_a \geq 80$
- Direct connection to AC power supply
- Mercury-free and RoHS compliant



TECHNICAL DATA

Electrical data

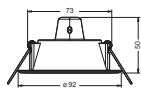
Nominal wattage	7.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	55.000 mA
Power factor λ	0.50
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	480 lm
Luminous efficacy	68 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	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	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
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDECO DL30 7W 865 G1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075341739	Folding box 1	93 mm x 56 mm x 93 mm	112.00 g	0.48 dm ³
4058075341746	Shipping box 40	485 mm x 240 mm x 205 mm	5093.00 g	23.86 dm ³

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.