# PRODUCT DATASHEET LED ECO Downlight 12.50 W 4000 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<sub>a</sub>: ≥ 80
- Direct connection to AC power supply
- Mercury-free and RoHS compliant



# TECHNICAL DATA

## Electrical data

Nominal wattage	12.50 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Nominal current	95.000 mA
Power factor $\lambda$	0.50
Protection class	II
Operating mode	Integrated LED driver

## Photometrical data

Luminous flux	950 lm	
Luminous efficacy	76 lm/W	
Color temperature	4000 K	
Light color (designation)	Cool White	
Color rendering index Ra	≥80	
Standard deviation of color matching	6 sdcm	
Beam angle	110°	

# Dimensions & Weight

Diameter	137.00 mm
Height	52.00 mm
Product weight	95.00 g



LDECO DL50 12.5W 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

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Temperature range at storage	-20+70 °C	
Type of protection	IP20	
Dimmable	No	
Mounting type	Surface	
Mounting location	Ceiling	
Application environment	Indoor	
Mounting diameter	120.0130.0 mm	
Mounting depth	100 mm	
Replaceable light source	No	

# 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)

# 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 DL50 12.5W 840 G1	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075341890	Folding box	140 mm x 58 mm x 140 mm	146.00 g	1.14 dm <sup>3</sup>
4058075341906	Shipping box 30	440 mm x 315 mm x 300 mm	5252.00 g	41.58 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.