

# PRODUCT DATASHEET LED PFM DL 8 W 4000 K 1-10 V

LED PERFORMANCE DOWNLIGHT G2 | LED downlight luminaires



## Areas of application

- Offices
- Shopping malls
- Retail
- Hospitality

## Product benefits

- Stylish design
- Die-cast aluminum housing for improved heat dissipation
- Good glare reduction (UGR < 19) and cut off angle up to 30° for comfortable indoor lighting
- External driver design allows for flexible change of control gear
- Low maintenance and operation costs due to long lifetime of LED
- Can be wireless controlled via cooperating with LEDVANCE LMS Bridge Superior
- Type of protection: IP54 (room side) provides additional protection against humidity

#### **Product features**

- $-\,$  Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Color rendering index  $R_a$ : > 80
- Initial color consistency: < 5 SDCM
- Long lifetime up to 50,000 h
- Available with diameter: 4 inch, 6 inch and 8 inch
- Available with wattage: 8 W, 11 W, 14 W, 17 W and 21 W



- Available with version: on/off switch, 1-10 V dimmable and DALI dimmable

## TECHNICAL DATA

## Electrical data

Nominal wattage	8.00 W
Nominal voltage	220240 V
Mains frequency	5060 Hz
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

## Photometrical data

Luminous flux	880 lm
Luminous efficacy	110 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	80
Standard deviation of color matching	≤5 sdcm
Beam angle	65 °

# Dimensions & Weight

Diameter	132.00 mm
Height	50.00 mm
Product weight	285.00 g



## Materials & Colors

Product color	Gray
Housing color	Gray
Body material	Metal
Cover material	Polymethylmethacrylate (PMMA)

Mercury content	0.0 mg
Application & Mounting	
Ambient temperature range	-20+70 °C
Type of connection	Cable, 2-pole
Type of protection	IP54
Dimmable	Yes
Type of dimming	1-10V
Mounting type	Recessed
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	105.0115.0 mm
Mounting depth	≥ 30 mm
Replaceable light source	No
Lifespan	
Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>

<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

Number of switching cycles

Replaceable light source (EPREL)	Not replaceable

30000

# DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	LED PERFORMANCE DOWNLIGHT G2 1-10V	
	Photometric and lighting design files	Document name	
	IES file (IES)	LDPFMDL 105 8W 840 1-10V G2	

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075348356	Folding box 1	174 mm x 74 mm x 177 mm	402.00 g	2.28 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075348363	Shipping box 30	543 mm x 390 mm x 385 mm	13192.00 g	81.53 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.