

# PRODUCT DATASHEET DULUX LED D26 EM & AC MAINS 9W 865 G24D-3

OSRAM DULUX LED D EM & AC MAINS | LED replacement for CFLni with 2-pin G24d base for CCG



## Areas of application

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

## Product benefits

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

#### **Product features**

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Rotatable base around its longitudinal axis (± 90°)
- Lifetime up to 30,000 h
- Single-ended two-pin plug-in G24d base
- Type of protection: IP20
- Mercury-free lamps



May 01, 2025, 09:41:16 DULUX LED D26 EM & AC MAINS 9W 865 G24D-3

## **TECHNICAL DATA**

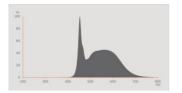
## Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220240 V
Operating mode	Conventional control gear (CCG), AC <sup>1)</sup>
Nominal current	43 mA
Type of current	AC
Inrush current	18.2 A
Input voltage DC	186260 V
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	32
Max. lamp number on MCB B10 A - CCG without compensation	93
Max. lamp number on MCB B10 A - CCG with compensation	8
Max. lamp number on MCB B16 A	41
Max. lamp number on MCB B16 A - CCG without compensation	149
Max. lamp number on MCB B16 A - CCG with compensation	11
Total harmonic distortion	≤ 20 %

1) Check ECG compatibility at ledvance.com/compatibility

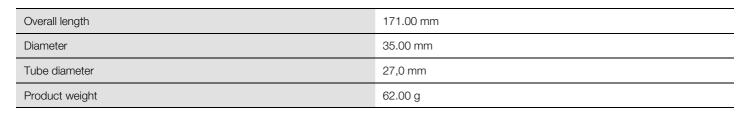
## Photometrical data

Luminous flux	1100 lm
Luminous efficacy	122 lm/W
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



EPREL data spectral diagram PROF LEDr 6500K

## **Dimensions & Weight**



## Temperatures & operating conditions

Ambient temperature range	-20+45 °C <sup>1)</sup>
Maximum temperature at tc test point	75 °C

1) Temperature surrounding the lamp - for enclosed luminaires: temperature inside of the luminaire

## Lifespan

Lifespan L70/B50 at 25 °C	30000 h
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## Additional product data

Base (standard designation)	G24d-3
Mercury-free	Yes
Design / version	Frosted
Product remark	Available from June 2025

## Certificates & Standards

Type of protection IP20
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Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0

#### Country-specific categorizations

Order reference	DULUX LED D26 E

## LOGISTICAL DATA

Temperature range at storage	-20+80 °C
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## Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED	
Non-directional or directional	NDLS	
Mains or non-mains	MLS	
Light source cap-type (or other electric interface)	G24d-3	
Connected light source (CLS)	No	
Color-tuneable light source	No	
Envelope	No	
High luminance light source	No	
Anti-glare shield	No	
Correlated colour temperature type	SINGLE_VALUE	
Claim of equivalent power	No	
Length	171.00 mm	
Height	35.00 mm	
Width	35.00 mm	
Chromaticity coordinate x	0.3123	
Chromaticity coordinate y	0.3282	
R9 Colour rendering index	0.00	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.90	
LED light source replaces a fluorescent light source	No	
EPREL ID	2206881,2324430	
Model number	AC71108,AC81501	

## Safety advice

- Not suitable for tandem operation.

- The operating temperature range of DULUX LED is restricted. In case of doubt regarding suitability of the application please measure Tc

temperature on the product prior to installation.

- All electrical connections must be made by a qualified person.
- Not suitable for emergency lighting.
- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

## DOWNLOAD DATA

	Documents and certificates	Document name		
PDF	User instruction / safety instructions	DULUX LED D EM		
PDF	Legal information	Informationstext 18 Abs 4 ElektroG		
PDF	Declarations of conformity	LEDTUBE		
PDF	Declarations of conformity UKCA	LEDTUBE		
	Photometric and lighting design files	Document name		
	IES file (IES)	DULUX LED D26 EM 9W 865 G24D-3 OSRAM		
	LDT file (Eulumdat)	DULUX LED D26 EM 9W 865 G24D-3 OSRAM		
1	UGR file (UGR table)	DULUX LED D26 EM 9W 865 G24D-3 OSRAM		
	Light distribution curve type cone	DULUX LED D26 EM 9W 865 G24D-3 OSRAM		
	Light distribution curve type polar	DULUX LED D26 EM 9W 865 G24D-3 OSRAM		
1	Spectral power distribution	EPREL data spectral diagram PROF LEDr 6500K		

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854502477	Folding box 1	37 mm x 49 mm x 175 mm	77.00 g	0.32 dm <sup>3</sup>
4099854502484	Shipping box 10	203 mm x 110 mm x 189 mm	878.00 g	4.22 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.