

PRODUCT DATASHEET DULUX D LED EM & AC Mains 10 W/3000 K

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



Areas of application

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

Product benefits

- Quick, simple and safe replacement without rewiring
- 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
- Type of protection: IP20
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Lifetime: up to 30,000 h



- Single-ended two-pin plug-in G24d base

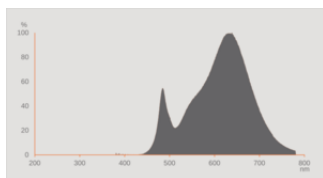
TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	26 W
Nominal current	45 mA
Type of current	AC
Inrush current	8 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	42
Max. lamp no. on circuit break. B10 A - CCG without compensation	73
Max. lamp no. on circuit break. B10 A - CCG with compensation	25
Max. lamp no. on circuit break. 16 A (B)	42
Max. lamp no. on circuit break. B16 A - CCG without compensation	110
Max. lamp no. on circuit break. B16 A - CCG with compensation	31
Total harmonic distortion	≤ 30 %
Power factor λ	> 0.50

Photometrical data

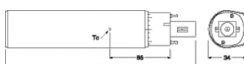
Luminous flux	990 lm
Nominal useful luminous flux 90°	990 lm
Luminous efficacy	99 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830
Standard deviation of color matching	≤6 sdcn
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	120 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	120.00 °

Dimensions & Weight



Overall length	171.00 mm
Diameter	34.00 mm
Tube diameter	27,0 mm
Maximum diameter	34 mm
Product weight	72.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	90 °C

Lifespan

Lifespan	30000 h
Number of switching cycles	200000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	G24d-3
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Product remark	Available from June 2023

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	DULUX D26LED10W
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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
Standby power	no
Networked standby power for CLS	no
Claim of equivalent power	No

Length	171.00 mm
Height	34.00 mm
Width	34.00 mm
Chromaticity coordinate x	0.433
Chromaticity coordinate y	0.403
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	604648,1412863
Model number	AC35182,AC47820

Safety advice

- Not suitable for tandem operation.

DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET
	Declarations Of Conformity CE
	IES file (IES)
	LDT file (Eulumdat)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075558564	Folding box 1	37 mm x 37 mm x 174 mm	88.00 g	0.24 dm ³
4058075558571	Shipping box 10	193 mm x 82 mm x 188 mm	952.00 g	2.98 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.