PRODUCT DATASHEET
DULUX D LED EM 18 7 W/6500 K G24d-2

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

TECHNICAL DATA

Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	18 W
Nominal current	30 mA
Type of current	AC
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	> 0.90

Photometrical data

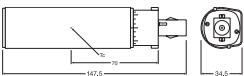|	
Luminous flux	700 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	> 83
Light color	865
Standard deviation of color matching	≤6 sdcm

Everlight 2835KK3C 6500K

Light technical data

Beam angle	120 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	147.50 mm
Length with base excl. base pins/connection	125,70 mm
Diameter	34.50 mm
Maximum diameter	33 mm
Product weight	65.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

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

Additional product data

Base (standard designation)	G24d-2
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A+ [1)]
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE

[1)] Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	DULUX D LED 7W/

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G24d-2
Length	147.50 mm
Height	34.50 mm
Width	34.50 mm

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

	Photometric and lighting design files	Document name
	Spectral power distribution	Everlight 2835KK3C 6500K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075024953	Folding box 1	37 mm x 37 mm x 151 mm	78.00 g	0.21 dm³
4058075024960	Shipping box 10	205 mm x 91 mm x 180 mm	842.00 g	3.36 dm³

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.