PRODUCT DATASHEET
DULUX S LED EM 4.5 W/3000K

OSRAM DULUX S LED EM | LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation

AREAS OF APPLICATION

– General illumination within ambient temperatures from −20...+45 °C
– Supermarkets and department stores
– Walkways and corridors
– Hotels, restaurants

PRODUCT BENEFITS

– Quick, simple and safe replacement without rewiring
– Low energy consumption
– Easy relamping thanks to compact design

PRODUCT FEATURES

– LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
– Type of protection: IP20
– Lifetime: up to 30,000 h
– Single-ended two-pin plug-in G23 base

TECHNICAL DATA

Electrical data

Rated wattage	4.50 W
Nominal wattage	4.50 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Power factor λ	> 0.50

Photometrical data

Nominal luminous flux	450 lm
Rated luminous flux	450 lm
Rated color temperature	3000 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	450 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤6 sdcm
Color rendering index Ra	>80

Light technical data

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

Dimensions & weight

Overall length	166.0 mm
Diameter	33.0 mm
Outer bulb	-

Length	166.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	60 °C

Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	200000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	G23
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Show WEEE picto	Yes

Capabilities

Dimmable	No

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Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country-specific categorizations

Order reference	DULUX S9LED 4,5

SAFETY ADVICE

Not suitable for tandem operation.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075135284	Folding carton box 1	24 mm x 36 mm x 175 mm	67.00 g	0.15 dm³
4058075135291	Shipping carton box 10	205 mm x 195 mm x 75 mm	573.00 g	3.00 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.

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