PRODUCT DATASHEET
DULUX S LED EM 4.5 W/3000 K

OSRAM DULUX S LED EM | LED replacement for conventional compact fluorescent lamps without integrated control gear



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 lamps for use in CCG luminaires
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G23 base



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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

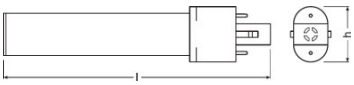
Photometrical data

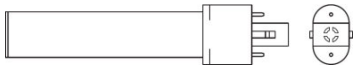
Nominal luminous flux	450 lm
Rated luminous flux	450 lm
Rated color temperature	3000 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	450 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤6 sdcm
Color rendering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

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & weight





Overall length	166.0 mm
Diameter	33.0 mm
Outer bulb	-
Length	166.0 mm

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Temperatures & operating conditions

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

Certificates & standards

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

Country-specific categorizations

Order reference	DULUX S9LED 4,5

SAFETY ADVICE

Do not use with closed luminaire

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075135284	DULUX S LED EM 4.5 W/3000 K	Shipping carton box 10	205 mm x 195 mm x 75 mm	3.00 dm^3	573.00 g

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

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