

PRODUCT DATASHEET

DULUX S LED EM 4.5 W/3000K 200 mm

OSRAM DULUX S LED EM & AC MAINS | 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
- 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
- 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
Max. lamp no. on circuit break. 10 A (B)	300
Max. lamp no. on circuit break. 16 A (B)	500
Operating frequency	50/60 Hz
Inrush current	< 20 A
Power factor λ	> 0.90

Photometrical data

Nominal luminous flux	450 lm
Rated luminous flux	450 lm
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Warm White
Color temperature	3000 K
Luminous flux	450 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	3000 K
Color rendering index Ra	>80

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	140 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	165.0 mm
Diameter	32.0 mm
Outer bulb	-
Length	165.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	73 °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	0.80

Additional product data

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

Capabilities

Dimmable	No
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Certificates & standards

Photobiological safety group EN62778	RG0
Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country-specific categorizations

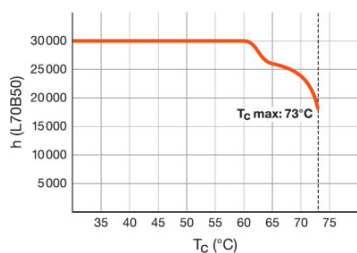
Order reference	DULUX S9LED 4,5
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SAFETY ADVICE

Not suitable for tandem operation.

Only suitable for temperatures of up to 45°C inside of the luminaire.

Tc point is located below the LED module on the back side of the lamp.



Others graphics

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075557994	Folding carton box 1	35 mm x 21 mm x 171 mm	64.00 g	0.13 dm ³
4058075558007	Shipping carton box 10	114 mm x 79 mm x 182 mm	712.00 g	1.64 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.