

# PRODUCT FAMILY DATASHEET

## OSRAM DULUX S LED EM & AC MAINS

LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation



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### AREAS OF APPLICATION

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

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### 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

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### 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

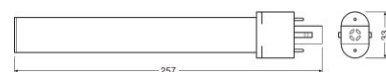
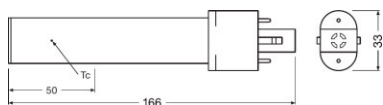


TECHNICAL DATA

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature
DULUX S LED EM 4.5 W/3000K	4.50 W	220...240 V	120	192	450 lm	450 lm	0.70	Warm White	3000 K
DULUX S LED EM 4.5 W/4000K	4.50 W	220...240 V	120	192	500 lm	500 lm	0.70	Cool White	4000 K
DULUX S LED EM 6 W/3000K	6.00 W	220...240 V	75	120	630 lm	630 lm	0.70	Warm White	3000 K
DULUX S LED EM 6 W/4000K	6.00 W	220...240 V	75	120	700 lm	700 lm	0.70	Cool White	4000 K

Product description	Light technical data				Dimensions & weight		Temperatures & operating conditions	Lifespan	
	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Beam angle	Overall length	Diameter	Ambient temperature range	Nominal lamp life time	Number of switching cycles
DULUX S LED EM 4.5 W/3000K	450 lm	>80	< 0.50 s	120 °	166.0 mm	33.0 mm	-20...+45 °C	30000 h	200000
DULUX S LED EM 4.5 W/4000K	500 lm	>80	< 0.50 s	120 °	166.0 mm	33.0 mm	-20...+45 °C	30000 h	200000
DULUX S LED EM 6 W/3000K	630 lm	>80	< 0.50 s	120 °	237.0 mm	33.0 mm	-20...+45 °C	30000 h	200000
DULUX S LED EM 6 W/4000K	700 lm	>80	< 0.50 s	120 °	237.0 mm	33.0 mm	-20...+45 °C	30000 h	200000

Product description	Additional product data			Capabilities
	Base (standard designation)	Mercury content	Mercury-free	Dimmable
DULUX S LED EM 4.5 W/3000K	G23	0.0 mg	Yes	No
DULUX S LED EM 4.5 W/4000K	G23	0.0 mg	Yes	No
DULUX S LED EM 6 W/3000K	G23	0.0 mg	Yes	No
DULUX S LED EM 6 W/4000K	G23	0.0 mg	Yes	No



DULUX S LED EM 4.5 W/3000K, DULUX S LED EM 4.5 W/4000K

DULUX S LED EM 6 W/3000K, DULUX S LED EM 6 W/4000K

**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.

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075135291	Shipping carton box 10	195 mm x 190 mm x 72 mm	655.00 g	2.67 dm <sup>3</sup>
4058075135314	Shipping carton box 10	195 mm x 190 mm x 72 mm	653.00 g	2.67 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075135338	Shipping carton box 10	265 mm x 190 mm x 72 mm	869.00 g	3.63 dm <sup>3</sup>
4058075135352	Shipping carton box 10	265 mm x 195 mm x 75 mm	873.00 g	3.88 dm <sup>3</sup>

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.

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#### DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.