

# PRODUCT FAMILY DATASHEET

## 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

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design

---

### PRODUCT FEATURES

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

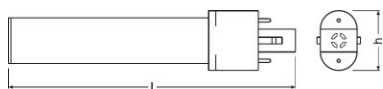


TECHNICAL DATA

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	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)
DULUX S LED EM 4.5 W/3000K	4.50 W	220...240 V	120	192	450 lm	450 lm	3000 K	0.70	Warm White
DULUX S LED EM 4.5 W/4000K	4.50 W	220...240 V	120	192	500 lm	500 lm	4000 K	0.70	Cool White
DULUX S LED EM 6 W/3000K	6.00 W	220...240 V	75	120	630 lm	630 lm	3000 K	0.70	Warm White
DULUX S LED EM 6 W/4000K	6.00 W	220...240 V	75	120	700 lm	700 lm	4000 K	0.70	Cool White

Product description	Light technical data			Dimensions & weight		Temperatures & operating conditions		Lifespan		
	Color temperature	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Beam angle	Overall length	Diameter	Ambient temperature range	Maximum temperature at tc test point	Nominal lamp life time
DULUX S LED EM 4.5 W/3000K	3000 K	450 lm	>80	< 0.50 s	120 °	166.0 mm	33.0 mm	-20...+45 °C	60 °C	30000 h
DULUX S LED EM 4.5 W/4000K	4000 K	500 lm	>80	< 0.50 s	120 °	166.0 mm	33.0 mm	-20...+45 °C	60 °C	30000 h
DULUX S LED EM 6 W/3000K	3000 K	630 lm	>80	< 0.50 s	120 °	237.0 mm	33.0 mm	-20...+45 °C	65 °C	30000 h
DULUX S LED EM 6 W/4000K	4000 K	700 lm	>80	< 0.50 s	120 °	237.0 mm	33.0 mm	-20...+45 °C	65 °C	30000 h

Product description	Number of switching cycles	Additional product data			Capabilities
		Base (standard designation)	Mercury content	Mercury-free	Dimmable
DULUX S LED EM 4.5 W/3000K	200000	G23	0.0 mg	Yes	No
DULUX S LED EM 4.5 W/4000K	200000	G23	0.0 mg	Yes	No
DULUX S LED EM 6 W/3000K	200000	G23	0.0 mg	Yes	No
DULUX S LED EM 6 W/4000K	200000	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.

#### 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	205 mm x 195 mm x 75 mm	655.00 g	3.00 dm <sup>3</sup>
4058075135314	Shipping carton box 10	205 mm x 195 mm x 75 mm	653.00 g	3.00 dm <sup>3</sup>
4058075135338	Shipping carton box 10	265 mm x 195 mm x 75 mm	869.00 g	3.88 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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.

---

#### DISCLAIMER

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