

Product family datasheet

OSRAM DULUX S LED EM

Special LED lamps



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

- 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

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



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Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
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Technical data

Product description	Electrical data		Photometrical data			Light technical data	Dimensions & weight
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Starting time	Overall length
DULUX S LED EM 4.5 W/830 G23 ¹⁾	4.50 W	220...240 V	450 lm	3000 K	Warm White	< 0.5 s	166.0 mm
DULUX S LED EM 4.5 W/840 G23 ¹⁾	4.50 W	220...240 V	500 lm	4000 K	Cool White	< 0.5 s	166.0 mm
DULUX S LED EM 6 W/830 G23 ¹⁾	6.00 W	220...240 V	630 lm	3000 K	Warm White	< 0.5 s	237.0 mm

Product description	Lifespan				Additional product data	Capabilities	Certificates & standards
	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life	Base (standard designation)	Dimmable	Energy efficiency class
DULUX S LED EM 4.5 W/830 G23 ¹⁾	30000 h	30000 h	200000	0.70	G23	No	A+
DULUX S LED EM 4.5 W/840 G23 ¹⁾	30000 h	30000 h	200000	0.70	G23	No	A+
DULUX S LED EM 6 W/830 G23 ¹⁾	30000 h	30000 h	200000	0.70	G23	No	A+

Product description	Energy consumption	Country specific categorizations
		Order reference
DULUX S LED EM 4.5 W/830 G23 ¹⁾	5 kWh/1000h	DULUX S9LED 4,5
DULUX S LED EM 4.5 W/840 G23 ¹⁾	5 kWh/1000h	DULUX S9LED 4,5
DULUX S LED EM 6 W/830 G23 ¹⁾	6 kWh/1000h	DULUX S11LED 6W

¹⁾ All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Application advice

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

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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/830 G23	Shipping carton box 10	195 mm x 190 mm x 72 mm	2.67 dm ³	753.00 g
4058075135307	DULUX S LED EM 4.5 W/840 G23	Shipping carton box 10	195 mm x 190 mm x 72 mm	2.67 dm ³	753.00 g
4058075135321	DULUX S LED EM 6 W/830 G23	Shipping carton box 10	195 mm x 190 mm x 72 mm	2.67 dm ³	934.00 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

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

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