

PRODUCT FAMILY DATASHEET

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

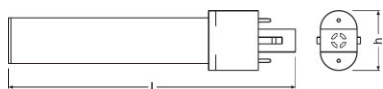


TECHNICAL DATA

Product description	Electrical data		Photometrical data							Light technical data	
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated luminous flux	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Warm-up time (60 %)
DULUX S LED EM 4.5 W/3000 K	4.50 W	220...240 V	450 lm	450 lm	3000 K	0.70	Warm White	3000 K	450 lm	>80	< 0.50 s
DULUX S LED EM 6 W/3000 K	6.00 W	220...240 V	630 lm	630 lm	3000 K	0.70	Warm White	3000 K	630 lm	>80	< 0.50 s
DULUX S LED EM 4.5 W/4000 K	4.50 W	220...240 V	500 lm	500 lm	4000 K	0.70	Cool White	4000 K	500 lm	>80	< 0.50 s
DULUX S LED EM 6 W/4000 K	6.00 W	220...240 V	700 lm	700 lm	4000 K	0.70	Cool White	4000 K	700 lm	>80	< 0.50 s

Product description	Dimensions & weight		Temperatures & operating conditions	Lifespan		Additional product data		
	Overall length	Diameter	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury content	Mercury-free
DULUX S LED EM 4.5 W/3000 K	166.0 mm	33.0 mm	60 °C	30000 h	200000	G23	0.0 mg	Yes
DULUX S LED EM 6 W/3000 K	237.0 mm	33.0 mm	65 °C	30000 h	200000	G23	0.0 mg	Yes
DULUX S LED EM 4.5 W/4000 K	166.0 mm	33.0 mm	60 °C	30000 h	200000	G23	0.0 mg	Yes
DULUX S LED EM 6 W/4000 K	237.0 mm	33.0 mm	65 °C	30000 h	200000	G23	0.0 mg	Yes

Product description	Capabilities	Certificates & standards
	Dimmable	Energy efficiency class
DULUX S LED EM 4.5 W/3000 K	No	A+
DULUX S LED EM 6 W/3000 K	No	A+
DULUX S LED EM 4.5 W/4000 K	No	A+
DULUX S LED EM 6 W/4000 K	No	A++



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

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

SAFETY ADVICE

Do not use with closed luminaire

APPLICATION ADVICE

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

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
4058075135321	DULUX S LED EM 6 W/3000 K	Shipping carton box 10	265 mm x 195 mm x 75 mm	3.88 dm ³	732.00 g
4058075135307	DULUX S LED EM 4.5 W/4000 K	Shipping carton box 10	205 mm x 195 mm x 75 mm	3.00 dm ³	573.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075135345	DULUX S LED EM 6 W/4000 K	Shipping carton box 10	265 mm x 195 mm x 75 mm	3.88 dm ³	732.00 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.