

## DULUX S/E 7 W/827

OSRAM DULUX S/E | Short CFLni, with 4-pin base for ECG operation



### Areas of application

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

### Product benefits

- Extremely economical
- Good quality of light
- Improved maintenance
- Low power consumption (7 W, 9 W, 11 W)
- Long service life
- Extremely low profile

### Product features

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- Dimmable (3...100 %)
- Short and compact pin-base lamps with single-turn tubes
- Single-ended four-pin plug-in 2G7 base
- Operates on battery, solar and AC power with suitable electronic control gear



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## Technical data

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### Electrical data

Nominal wattage	7 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	57 lm/W
Rated wattage	6.5 W
Energy consumption	8 kWh/1000h

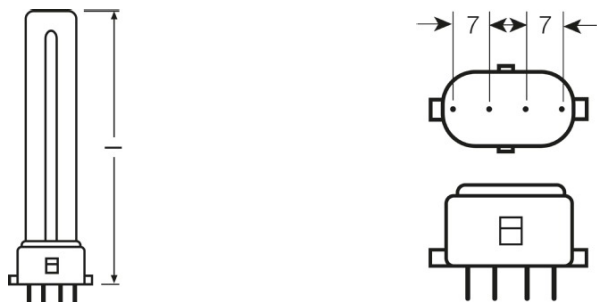
### Light technical data

Nominal luminous flux	400 lm
Color temperature	2700 K
Color rendering index Ra	80...89
Rated luminous flux	402 lm
Luminous flux at 25 °C	400 lm
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.82
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76
Luminance	2.6 cd/cm <sup>2</sup>

### Dimensions & weight

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Product datasheet



Product line drawing

Base

Overall length	114.0 mm
Tube diameter	12 mm
Length	114.0 mm
Length acc. to IEC standard	115 mm

Colors & materials

Lamp mercury content	1.4 mg
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Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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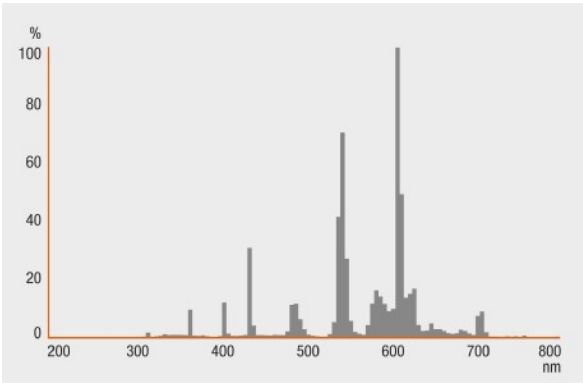
Lifespan

Nominal lamp life time	20000 h
Service life	13000 h <sup>1)</sup>
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000 h	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Lifespan	20000 h <sup>1)</sup>
Rated lamp life time	20000 h

<sup>1)</sup> With preheat ECG

Product datasheet

Additional product data



Spectral power distribution

Base (standard designation)	2G7
Appropriate disposal acc. to WEEE	Yes
Footnote used only for product	For ECG operation only

Capabilities

Suitable for indoor	Yes
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Certificates & standards

Energy efficiency class	A
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Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300017648	OSRDSE7827	8330048	4933949	-

## Product datasheet

### Lamp-ECG combination (System)

Product name	Product name ECG	EAN	Nominal current	Nominal wattage	Nominal wattage + Power loss	Luminous flux	Luminous flux at 35 °C	Ambient temperature range
DULUX S/E 7W/827 2G7	DT-S/E 5-11/220-240 L	4008321181473	0.07 A	6.5 W	9.00 W	400 lm	400 lm	-15...+50 °C
	DT-S/E 5-11/220-240 S	4008321181459	0.07 A	6.5 W	9.00 W	400 lm	400 lm	-15...+50 °C
	QT-ECO 1x4-16/220-240 L	4050300660370	0.06 A	7 W	9.00 W	400 lm	400 lm	-15...+50 °C
	QT-ECO 1x4-16/220-240 S	4050300638584	0.06 A	7 W	9.00 W	400 lm	400 lm	-15...+50 °C
	QT-ECO 2x5-11/220-240 S		0.11 A	13 W	15.00 W	400 lm	400 lm	-15...+50 °C
	QT-T/E 1x14-17 HE	4008321327345	0.04 A	7 W	8.00 W	400 lm		-15...+50 °C

Product name	Product name ECG	EAN	Number of lighting outlets
DULUX S/E 7W/827 2G7	DT-S/E 5-11/220-240 L	4008321181473	1
	DT-S/E 5-11/220-240 S	4008321181459	1
	QT-ECO 1x4-16/220-240 L	4050300660370	1
	QT-ECO 1x4-16/220-240 S	4050300638584	1
	QT-ECO 2x5-11/220-240 S		2
	QT-T/E 1x14-17 HE	4008321327345	1

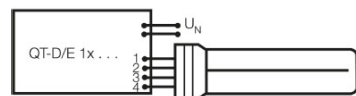
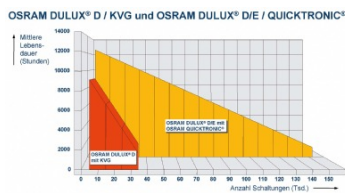
# Product datasheet

## Equipment / Accessories

- Suitable for operation on electronic control gear

## Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.com/brokenlamp)



Others graphics

Circuit diagram

Circuit diagram

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300251233	DULUX S/E 7 W/827	Shipping carton box 10	126 mm x 128 mm x 100 mm	1.61 dm <sup>3</sup>	321.00 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.

## References / Links

For more information on QUICKTRONIC electronic control gear go to  
▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

## Disclaimer

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