

DULUX S 7 W/827

OSRAM DULUX S | Short CFLni, with 2-pin base for CCG operation



Areas of application

- Ideal for cost-effective creative illumination and decoration
- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

Product benefits

- Extremely economical
- Good quality of light
- Extremely low profile
- Long service life
- Improved maintenance

Product features

- Average life: 10,000 h
- Color rendering index R_a for lamps with white light: 80...89
- Also available in red, green and blue
- Short and compact pin-base lamps with single-turn tubes
- Single-ended two-pin plug-in G23 base



Technical data

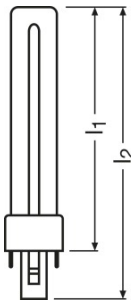
Electrical data

Nominal wattage	7.10 W
Rated wattage	7.10 W
Energy consumption	10 kWh/1000h

Photometrical data

Nominal luminous flux	400 lm
Rated luminous flux	402 lm
Color temperature	2700 K
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Color rendering index Ra	80...89
Luminous flux at 25 °C	400 lm
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Luminance	2.6 cd/cm²
Color rendering group	1B

Dimensions & weight



Product line drawing

Base

Overall length	137.0 mm
Product weight	25.00 g
Tube diameter	12 mm
Length	137.0 mm

Product datasheet

Length acc. to IEC standard	115 mm
Length with base excl. base pins/connection	114.00 mm

Colors & materials

Lamp mercury content	1.4 mg
----------------------	--------

Temperatures

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

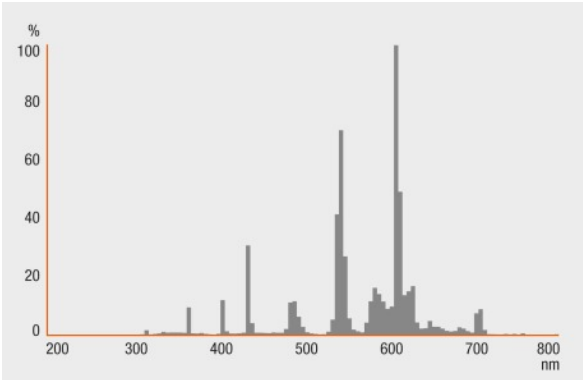
Lifespan

Nominal lamp life time	8000 h
Rated lamp life time	8000 h
Service life	6500 h
Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.86
Rated lamp survival factor at 8,000 h	0.50
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h ¹⁾

¹⁾ With CCG/LLCG

Additional product data

Product datasheet



Spectral power distribution

Base (standard designation)	G23
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes
---------------------	-----

Certificates & standards

Energy efficiency class	B
-------------------------	---

Country specific categorizations

ILCOS	FSD-7/827-I-G23
-------	-----------------

Country specific information

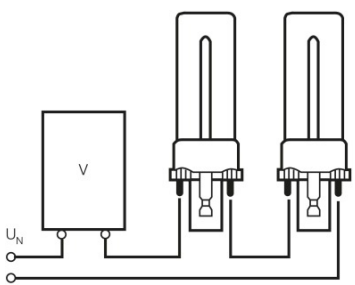
Product code	METEL code	SEG number	STK number	UK Org
4050300005997	OSRDS7827	8330008	4933850	-
4050300006086	OSRDS7827BLI	-	-	-



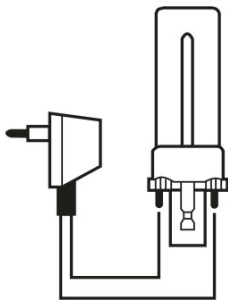
Guarantee

Equipment / Accessories

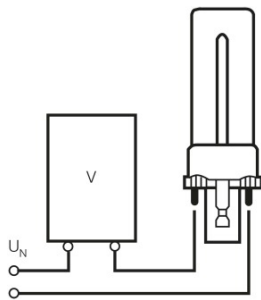
- Suitable for operation on conventional control gear



Circuit diagram



Circuit diagram



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300005997	DULUX S 7 W/827	Folding carton box 1	36 mm x 23 mm x 139 mm	0.12 dm ³	31.00 g
4008321908766	DULUX S 7 W/827	Shipping carton box 10	100 mm x 126 mm x 134 mm	1.69 dm ³	347.00 g
4050300006086	DULUX S 7 W/827	Blister 1	65 mm x 22 mm x 245 mm	0.35 dm ³	34.00 g
4050300229744	DULUX S 7 W/827	Shipping carton box 10	121 mm x 209 mm x 156 mm	3.95 dm ³	440.00 g
4052899213418	DULUX S 7 W/827	Folding carton box 1	- x - x -		
4052899213425	DULUX S 7 W/827	Shipping carton box	153 mm x 190 mm x	6.98 dm ³	1987.00 g

Product datasheet

50

240 mm

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.