

DULUX S/E 9 W/840

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



Technical data

Electrical data

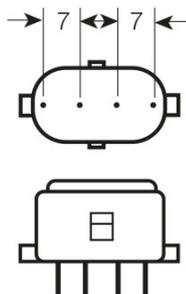
Nominal wattage	8.00 W
Rated wattage	8.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Energy consumption	12 kWh/1000h

Photometrical data

Nominal luminous flux	600 lm
Rated luminous flux	600 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
Luminous flux at 25 °C	600 lm
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	2.8 cd/cm ²
Color rendering group	1B

Dimensions & weight

Product datasheet



Product line drawing

Base

Overall length	144.0 mm
Product weight	26.20 g
Tube diameter	12 mm
Length	144.0 mm
Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	144.00 mm

Colors & materials

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

Temperatures

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

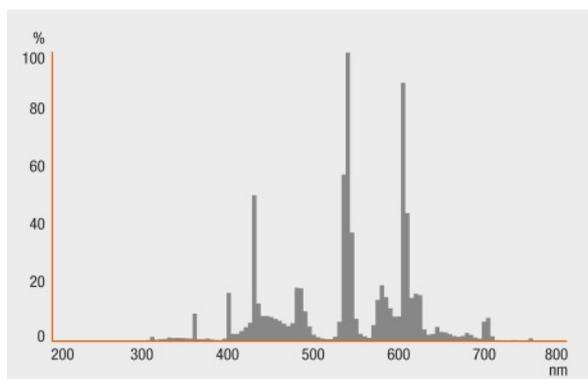
Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
Service life	13000 h ¹⁾
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 ¹⁾

Product datasheet

¹⁾ With preheat ECG

Additional product data



Spectral power distribution

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

Capabilities

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

Certificates & standards

Energy efficiency class	A
-------------------------	---

Country specific categorizations

ILCOS	FSDH-9/840-/P/-2G7
-------	--------------------

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300020174	OSRDSE9840	8330060	4933953	-

Product datasheet

Lamp-ECG combination (System)

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 25 °C	Number of lighting outlets
DULUX S/E 9W/840 2G7	DT-S/E 5-11/220-240 L	4008321181473	0.08 A	10.50 W	600 lm	1
	DT-S/E 5-11/220-240 S	4008321181459	0.08 A	10.50 W	600 lm	1
	QT-ECO 1x4-16/220-240 L	4050300660370	0.07 A	10.00 W	600 lm	1
	QT-ECO 1x4-16/220-240 S	4050300638584	0.07 A	10.00 W	600 lm	1
	QT-ECO 2x5-11/220-240 S	4050300821504	0.13 A	18.00 W	550 lm	2
	QTP-D/E 1x10-13	4008321181572	0.05 A	9.50 W	600 lm	1
	QTP-D/E 2x10-13	4008321181596	0.09 A	18.00 W	600 lm	2

Product datasheet



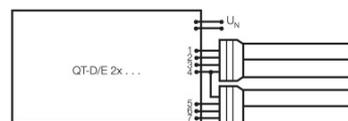
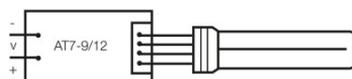
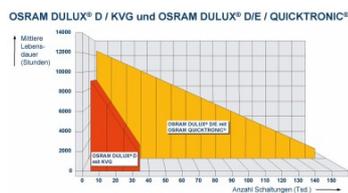
Garantie

Equipment / Accessories

- Suitable for operation on electronic control gear

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp

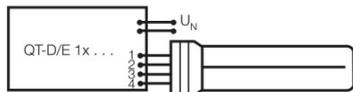


Others graphics

Circuit diagram

Circuit diagram

Product datasheet



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300020174	DULUX S/E 9 W/840	Folding carton box 1	39 mm x 23 mm x 159 mm	0.14 dm ³	33.20 g
4050300252988	DULUX S/E 9 W/840	Shipping carton box 10	105 mm x 136 mm x 143 mm	2.04 dm ³	378.00 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

Disclaimer

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