



element14

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[DSE114](#)

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Dieses Datenblatt wird vom  
Hersteller bereitgestellt

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Cette fiche technique est  
présentée par le fabricant

## DULUX S/E 11 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



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## Technical data

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### Electrical data

Nominal wattage	11.80 W
Rated wattage	11.80 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Energy consumption	15 kWh/1000h

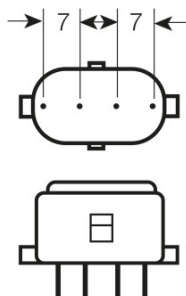
### Photometrical data

Nominal luminous flux	900 lm
Rated luminous flux	900 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	900 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	2.7 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight

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## Product datasheet



Product line drawing

Base

<b>Overall length</b>	214.0 mm
<b>Product weight</b>	36.00 g
<b>Tube diameter</b>	12 mm
<b>Length</b>	214.0 mm
<b>Length acc. to IEC standard</b>	215 mm
<b>Length with base excl. base pins/connection</b>	214.00 mm

### Colors & materials

<b>Lamp mercury content</b>	1.4 mg
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### Temperatures

<b>Rated ambient temp.w.max.luminous flux</b>	25.0 °C
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### Lifespan

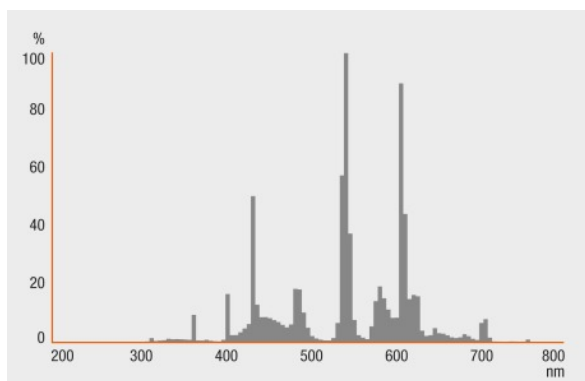
<b>Nominal lamp life time</b>	20000 h
<b>Rated lamp life time</b>	20000 h
<b>Service life</b>	13000 h <sup>1)</sup>
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000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

# Product datasheet

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

## Additional product data

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### 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
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### Certificates & standards

Energy efficiency class	A
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### Country specific categorizations

ILCOS	FSDH-11/840-/P/-2G7
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## Country specific information

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Product code	METEL code	SEG number	STK number	UK Org
4050300020181	OSRDSE11840	8330068	4933956	-

## 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 11W/840 2G7	DT-S/E 5-11/220-240 L	4008321181473	0.10 A	13.50 W	900 lm	1
	DT-S/E 5-11/220-240 S	4008321181459	0.10 A	13.50 W	900 lm	1
	QT-ECO 1x4-16/220-240 L	4050300660370	0.09 A	13.00 W	900 lm	1
	QT-ECO 1x4-16/220-240 S	4050300638584	0.09 A	13.00 W	900 lm	1
	QT-ECO 2x5-11/220-240 S	4050300821504	0.16 A	24.00 W	700 lm	2
	QTP-D/E 1x10-13	4008321181572	0.06 A	14.00 W	900 lm	1
	QTP-D/E 2x10-13	4008321181596	0.12 A	28.00 W	950 lm	2

# Product datasheet



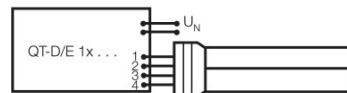
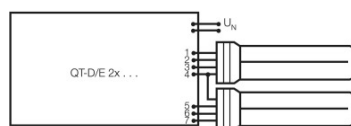
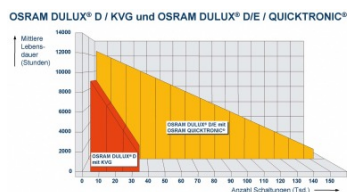
Garantie

## Equipment / Accessories

- Suitable for operation on electronic control gear

## Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](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
4008321468765	DULUX S/E 11 W/840	Folding carton box 1	- x - x -		
4008321468772	DULUX S/E 11 W/840	Shipping carton box 10	240 mm x 86 mm x 126 mm	2.60 dm <sup>3</sup>	510.00 g
4050300020181	DULUX S/E 11 W/840	Folding carton box 1	40 mm x 23 mm x 239 mm	0.22 dm <sup>3</sup>	46.00 g

## Product datasheet

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4050300252995	DULUX S/E 11 W/840	Shipping carton box 10	97 mm x 138 mm x 224 mm	3.00 dm <sup>3</sup>	513.00 g
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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.

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### References / Links

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For more information on QUICKTRONIC electronic control gear go to

▶ [www.osram.com/QUICKTRONIC](http://www.osram.com/QUICKTRONIC)

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### Disclaimer

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



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