

# PRODUCT FAMILY DATASHEET

## OSRAM DULUX D/E

CFLni, 2 tubes, with 4-pin base for ECG operation



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Extremely economical
- Good quality of light
- Excellent luminous flux
- Long service life
- Improved maintenance
- OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG

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### PRODUCT FEATURES

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a: \geq 80$
- Dimmable (3...100 %)
- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in G24q base
- Operates on battery, solar and AC power with suitable electronic control gear



TECHNICAL DATA

Product description	Electrical data			Photometrical data							
	Rated lamp efficacy (HF data 25 °C)	Rated wattage	Nominal wattage	Nominal luminous flux	Luminous flux at 25 °C	Rated luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Color temperature	Luminous flux
DULUX D/E 10 W/827	Under clarification by authority and standardization body	10.00 W	10.00 W	600 lm	600 lm	600 lm	2700 K	≥80	LUMILUX INTERNA	2700 K	600 lm
DULUX D/E 10 W/830	Under clarification by authority and standardization body	10.00 W	10.00 W	600 lm	600 lm	600 lm	3000 K	≥80	LUMILUX Warm White	3000 K	600 lm
DULUX D/E 10 W/840	Under clarification by authority and standardization body	10.00 W	10.00 W	600 lm	600 lm	600 lm	4000 K	≥80	LUMILUX Cool White	4000 K	600 lm
DULUX D/E 13 W/827	Under clarification by authority and standardization body	13.00 W	13.00 W	900 lm	900 lm	900 lm	2700 K	≥80	LUMILUX INTERNA	2700 K	900 lm
DULUX D/E 13 W/830	Under clarification by authority and standardization body	13.00 W	13.00 W	900 lm	900 lm	900 lm	3000 K	≥80	LUMILUX Warm White	3000 K	900 lm
DULUX D/E 13 W/840	Under clarification by authority and standardization body	13.00 W	13.00 W	900 lm	900 lm	900 lm	4000 K	≥80	LUMILUX Cool White	4000 K	900 lm
DULUX D/E 18 W/827	Under clarification by authority and standardization body	18.00 W	18.00 W	1200 lm	1200 lm	1200 lm	2700 K	≥80	LUMILUX INTERNA	2700 K	1200 lm
DULUX D/E 18 W/830	Under clarification by authority and standardization body	18.00 W	18.00 W	1200 lm	1200 lm	1200 lm	3000 K	≥80	LUMILUX Warm White	3000 K	1200 lm

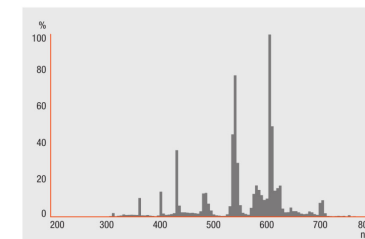
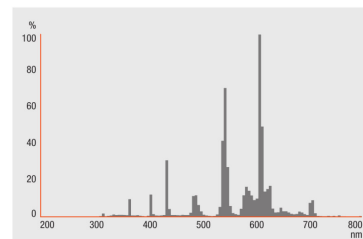
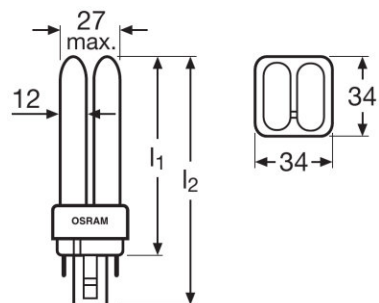
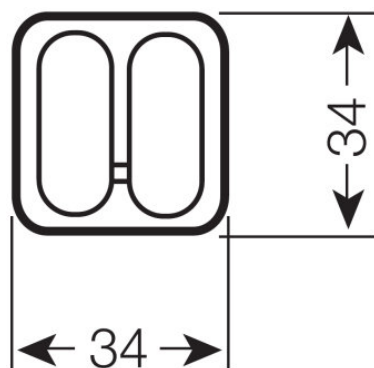
Product description	Electrical data			Photometrical data							
	Rated lamp efficacy (HF data 25 °C)	Rated wattage	Nominal wattage	Nominal luminous flux	Luminous flux at 25 °C	Rated luminous flux	Color temperature	Color rendering index Ra	Light color (designation)	Color temperature	Luminous flux
DULUX D/E 18 W/840	Under clarification by authority and standardization body	18.00 W	18.00 W	1200 lm	1200 lm	1200 lm	4000 K	≥80	LUMILUX Cool White	4000 K	1200 lm
DULUX D/E 18 W/865	Under clarification by authority and standardization body	18.00 W	18.00 W	1130 lm	1140 lm	1130 lm	6500 K	≥80	LUMILUX Cool Daylight	6500 K	1130 lm
DULUX D/E 26 W/827	Under clarification by authority and standardization body	26.00 W	26.00 W	1710 lm	1800 lm	1710 lm	2700 K	≥80	LUMILUX INTERNA	2700 K	1710 lm
DULUX D/E 26 W/830	Under clarification by authority and standardization body	26.00 W	26.00 W	1800 lm	1800 lm	1800 lm	3000 K	≥80	LUMILUX Warm White	3000 K	1800 lm
DULUX D/E 26 W/840	Under clarification by authority and standardization body	26.00 W	26.00 W	1800 lm	1800 lm	1800 lm	4000 K	≥80	LUMILUX Cool White	4000 K	1800 lm
DULUX D/E 26 W/865	Under clarification by authority and standardization body	26.00 W	26.00 W	1700 lm	1710 lm	1700 lm	6500 K	≥80	LUMILUX Cool Daylight	6500 K	1700 lm

Product description	Color rendering index Ra	Dimensions & weight			Lifespan			Additional product data		Capabilities
		Diameter	Overall length	Length with base excl. base pins/connection	Nominal lamp life time	Rated lamp life time	Service life	Base (standard designation)	Mercury content	Dimmable
DULUX D/E 10 W/827	≥80	12.0 mm	101.0 mm	87.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes
DULUX D/E 10 W/830	≥80	12.0 mm	101.0 mm	87.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes
DULUX D/E 10 W/840	≥80	12.0 mm	101.0 mm	87.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes
DULUX D/E 13 W/827	≥80	12.0 mm	129.0 mm	115.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes

Product description	Color rendering index Ra	Dimensions & weight			Lifespan			Additional product data		Capabilities
		Diameter	Overall length	Length with base excl. base pins/connection	Nominal lamp life time	Rated lamp life time	Service life	Base (standard designation)	Mercury content	Dimmable
DULUX D/E 13 W/830	≥80	12.0 mm	129.0 mm	115.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes
DULUX D/E 13 W/840	≥80	12.0 mm	129.0 mm	115.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-1	1.3 mg	Yes
DULUX D/E 18 W/827	≥80	12.0 mm	144.0 mm	130.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-2	1.3 mg	Yes
DULUX D/E 18 W/830	≥80	12.0 mm	146.0 mm	130.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-2	1.3 mg	Yes
DULUX D/E 18 W/840	≥80	12.0 mm	144.0 mm	130.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-2	1.3 mg	Yes
DULUX D/E 18 W/865	≥80	12.0 mm	144.0 mm	130.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-2	1.3 mg	Yes
DULUX D/E 26 W/827	≥80	12.0 mm	169.5 mm	149.00 mm	10000 h	10000 h	13000 h <sup>1)</sup>	G24q-3	1.3 mg	Yes
DULUX D/E 26 W/830	≥80	12.0 mm	163.0 mm	149.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-3	1.3 mg	Yes
DULUX D/E 26 W/840	≥80	12.0 mm	163.0 mm	149.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-3	1.3 mg	Yes
DULUX D/E 26 W/865	≥80	12.0 mm	163.0 mm	149.00 mm	20000 h	20000 h	13000 h <sup>1)</sup>	G24q-3	1.3 mg	Yes

Product description	Certificates & standards	Country-specific categorizations
	Energy consumption	ILCOS
DULUX D/E 10 W/827	11 kWh/1000h	FSQH-10/827-/P/-G24q-1
DULUX D/E 10 W/830	11 kWh/1000h	FSQH-10/830-/P/-G24q-1
DULUX D/E 10 W/840	11 kWh/1000h	FSQH-10/840-/P/-G24q-1
DULUX D/E 13 W/827	15 kWh/1000h	FSQH-13/827-/P/-G24q-1
DULUX D/E 13 W/830	15 kWh/1000h	FSQH-13/830-/P/-G24q-1
DULUX D/E 13 W/840	15 kWh/1000h	FSQH-13/840-/P/-G24q-1
DULUX D/E 18 W/827	20 kWh/1000h	FSQH-18/827-/P/-G24q-2
DULUX D/E 18 W/830	20 kWh/1000h	FSQH-18/830-/P/-G24q-2
DULUX D/E 18 W/840	20 kWh/1000h	FSQH-18/840-/P/-G24q-2
DULUX D/E 18 W/865	20 kWh/1000h	FSQH-18/865-/P/-G24q-2
DULUX D/E 26 W/827	29 kWh/1000h	FSQH-26/827-/P/-G24q-3
DULUX D/E 26 W/830	29 kWh/1000h	FSQH-26/830-/P/-G24q-3
DULUX D/E 26 W/840	29 kWh/1000h	FSQH-26/840-/P/-G24q-3
DULUX D/E 26 W/865	29 kWh/1000h	FSQH-26/865-/P/-G24q-3

1) With preheat ECG

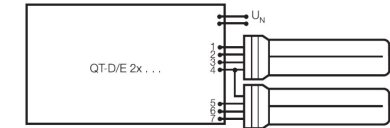
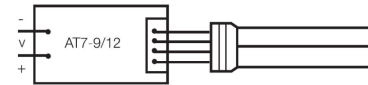
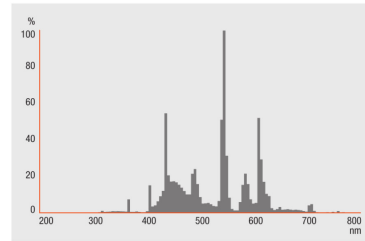
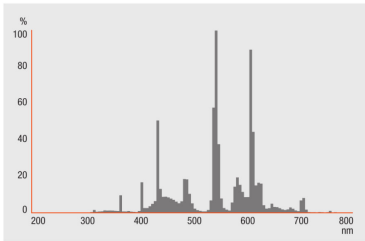


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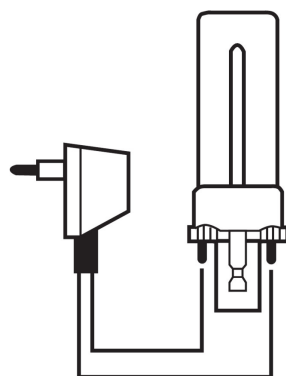
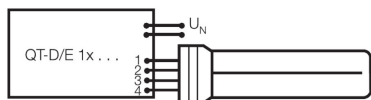


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DULUX D/E 18 W/865, DULUX D/E 26 W/865

DULUX D/E 10 W/827, DULUX D/E 10 W/830, DULUX D/E 10 W/840, DULUX D/E 13 W/827, DULUX D/E 18 W/827

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DULUX D/E 10 W/827, DULUX D/E 10 W/830, DULUX D/E 13 W/827, DULUX D/E 13 W/830

## EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

## SAFETY ADVICE

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

## APPLICATION ADVICE

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

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300245423	Shipping carton box 10	166 mm x 133 mm x 103 mm	428.00 g	2.27 dm <sup>3</sup>
4050300419442	Shipping carton box 10	160 mm x 132 mm x 108 mm	477.75 g	2.28 dm <sup>3</sup>
4050300251172	Shipping carton box 10	186 mm x 133 mm x 82 mm	428.00 g	2.03 dm <sup>3</sup>
4050300245430	Shipping carton box 10	187 mm x 160 mm x 84 mm	543.00 g	2.51 dm <sup>3</sup>
4050300389066	Shipping carton box 10	164 mm x 159 mm x 110 mm	543.00 g	2.87 dm <sup>3</sup>
4050300251189	Shipping carton box 10	187 mm x 153 mm x 111 mm	543.00 g	3.18 dm <sup>3</sup>
4050300325996	Shipping carton box 10	186 mm x 158 mm x 100 mm	609.17 g	2.94 dm <sup>3</sup>
4050300327228	Shipping carton box 10	133 mm x 174 mm x 135 mm	606.50 g	3.12 dm <sup>3</sup>
4050300326030	Shipping carton box 10	151 mm x 173 mm x 120 mm	615.00 g	3.13 dm <sup>3</sup>
4050300564951	Shipping carton box 10	186 mm x 171 mm x 85 mm	549.00 g	2.70 dm <sup>3</sup>
4050300299594	Shipping carton box 10	176 mm x 194 mm x 98 mm	665.00 g	3.35 dm <sup>3</sup>
4050300327242	Shipping carton box 10	152 mm x 186 mm x 129 mm	665.00 g	3.65 dm <sup>3</sup>
4050300253107	Shipping carton box 10	196 mm x 182 mm x 110 mm	665.00 g	3.92 dm <sup>3</sup>
4008321185884	Shipping carton box 10	192 mm x 191 mm x 93 mm	624.00 g	3.41 dm <sup>3</sup>

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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**DISCLAIMER**

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