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# Product datasheet

## DULUX D/E 18 W/840

OSRAM DULUX D/E | CFLni, 2 tubes, with 4-pin base for ECG operation



## Product datasheet

### Technical data

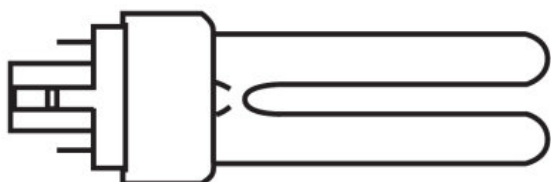
#### Electrical data

Nominal wattage	18.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	18.00 W

#### Photometrical data

Nominal luminous flux	1200 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at	1200 lm
Rated luminous flux	1200 lm
Rated color temperature	4000 K
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.77
Color rendering index Ra	≥80
Color temperature	4000 K
Luminous flux	1200 lm
Color rendering index Ra	80...89

#### Dimensions & weight



Diameter	12.0 mm
Overall length	144.0 mm

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Length	146.0 mm
Length acc. to IEC standard	140 mm
Length with base excl. base pins/connection	130.00 mm
Outer bulb	T11
Product weight	37.00 g
Maximum diameter	11.0 mm

### Lifespan

Rated 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>
Nominal lamp life time	20000 h

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

### Additional product data

Base (standard designation)	G24q-2
Mercury content	1.3 mg
Appropriate disposal acc. to WEEE	Yes

### Capabilities

Dimmable	Yes
Suitable for indoor	Yes

### Certificates & standards

Energy efficiency class	A
Energy consumption	20 kWh/1000h

### Country specific categorizations

ILCOS	FSQH-18/840-/P/-G24q-2
Order reference	DULUX D/E 18W/8

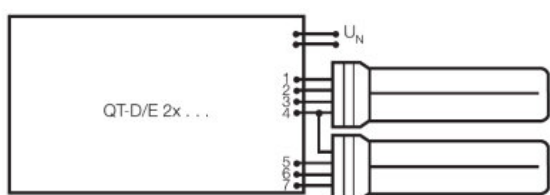
### Light Distribution



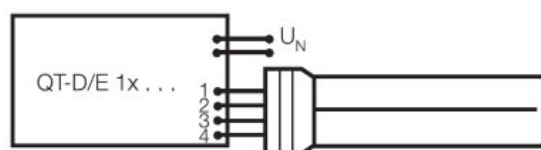
FL\_840

### Equipment / Accessories

- Suitable for operation on electronic control gear



SERIES CONNECTION WITH QUICKTRONIC QT-DE



SINGLE LAMP WITH QUICKTRONIC QT-DE

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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4050300017617	DULUX D/E 18 W/840	Shipping carton box 10 Pieces Folding carton box	151 mm x 173 mm x 120 mm	3.13 dm <sup>3</sup>	615.00 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

For more information on QUICKTRONIC electronic control gear go to

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

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### Disclaimer

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

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## DULUX D/E 18 W/840

OSRAM DULUX D/E | CFLni, 2 tubes, with 4-pin base for ECG operation

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor $\lambda$ [PIM]	Luminous flux at 25 °C
DULUX D/E 18 W/840	QT-ECO 1x18-21/220-240 S	4050300794907	0.14 A	19.00 W	0.60 c	1150 lm
	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.09 A	20.00 W	0.95	1200 lm
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.17 A	38.00 W	0.95	2*1200 lm
	QTi-T/E 1x18-57 DIM	4008321060860	0.09 A	20.00 W	0.95	1200 lm
	QTi-T/E 2x18-42 DIM	4008321060846	0.17 A	38.00 W	0.95	2*1200 lm
	QTP-T/E (1X18), 2X18	4008321537065	0.16 A	36.00 W	0.98	1200 lm
	QTP-T/E 1X18, (2X18)	4008321537065	0.09 A	19.00 W	0.90 c	1*1200 lm

Product name	Product name ECG	EAN	Number of lighting outlets	EEI – Energy Label
DULUX D/E 18 W/840	QT-ECO 1x18-21/220-240 S	4050300794907	1	A2
	QTi DALI-T/E 1x18-57 DIM	4008321060808	1	
	QTi DALI-T/E 2x18-42 DIM	4008321060822	2	
	QTi-T/E 1x18-57 DIM	4008321060860	1	
	QTi-T/E 2x18-42 DIM	4008321060846	2	
	QTP-T/E (1X18), 2X18	4008321537065	2	
	QTP-T/E 1X18, (2X18)	4008321537065	1	