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# Product datasheet

## DULUX T/E CONSTANT 42 W/830

OSRAM DULUX T/E CONSTANT | CFLni, 3 tubes, with 4-pin base for ECG operation, Constant



## Product datasheet

### Technical data

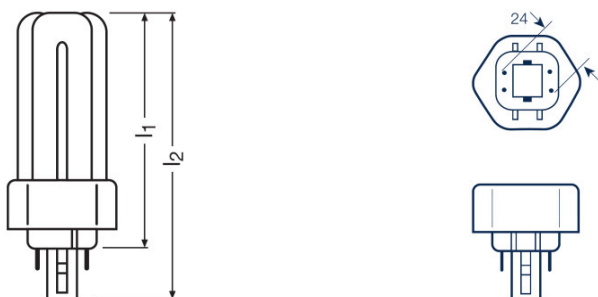
#### Electrical data

Nominal wattage	42.00 W
Rated lamp efficacy (HF data 25 °C)	74 lm/W
Rated wattage	43.00 W

#### Photometrical data

Nominal luminous flux	3200 lm
Light color (designation)	LUMILUX Warm White
Luminous flux at	3200 lm
Rated luminous flux	3200 lm
Rated color temperature	3000 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

#### Dimensions & weight



Diameter	12.0 mm
Overall length	163.0 mm
Length	165.0 mm
Length acc. to IEC standard	155 mm
Length with base excl. base pins/connection	149.00 mm
Outer bulb	T12X3

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Maximum diameter	12.0 mm
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### Lifespan

Rated lamp life time	20000 h
Service life	13000 h
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)	GX24q-4
Mercury content	2.0 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only

### Capabilities

Dimmable	Yes
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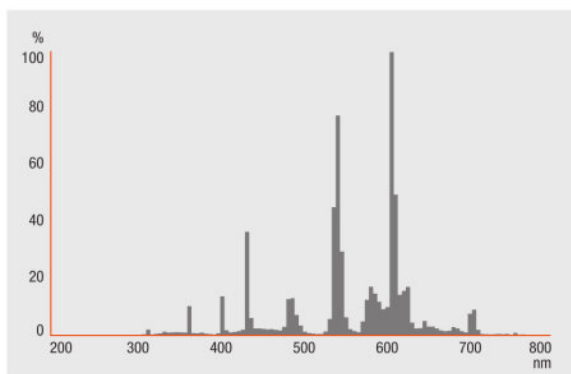
### Certificates & standards

Energy efficiency class	A
Energy consumption	48 kWh/1000h

### Country specific categorizations

ILCOS	FSMH//L//H-42/830-/P/-GX24q-4
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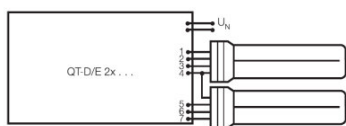
Light Distribution



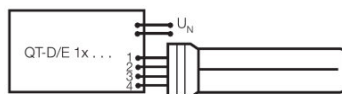
Spectral power distribution

Equipment / Accessories

- Suitable for operation on electronic control gear



Circuit diagram



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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## Product datasheet

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4050300425580	DULUX T/E CONSTANT 42 W/830	Shipping carton box 10 Pieces Folding carton box	256 mm x 177 mm x 145 mm	6.57 dm <sup>3</sup>	1134.50 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 T/E CONSTANT 42 W/830

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Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 25 °C	Number of lighting outlets
DULUX T/E CONSTANT 42 W/830	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.21 A	47.00 W	3200 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.39 A	90.00 W	3200 lm	2
	QTi-T/E 1x18-57 DIM	4008321060860	0.21 A	47.00 W	3200 lm	1
	QTi-T/E 2x18-42 DIM	4008321060846	0.39 A	90.00 W	3200 lm	2
	QT-M 2x26-42/220-240 S	4008321110022	0.39 A	92.00 W	3200 lm	2
	QTP-M 1x26-42	4008321329134	0.20 A	46.00 W	3200 lm	1
	QTP-M 2x26-32	4008321329158	0.20 A	46.00 W	3200 lm	1
	QTP-T/E 1x26-42, (2x26)	4008321537089	0.20 A	45.00 W	3200 lm	1