

## DULUX T/E CONSTANT 42 W/827

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



### Areas of application

- Street and city lighting
- Industrial lighting
- Hot luminaires
- Locations with special thermal requirements
- Outdoor applications only in suitable luminaires

### Product benefits

- Very economical
- Excellent luminous flux at high and low ambient temperatures
- Good quality of light
- Long service life
- Improved maintenance

### Product features

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index  $R_a$ : 80...89
- Luminous flux > 90 % in a temperature range from +10...+70 °C
- Dimmable (3...100 %)
- Short and compact pin-base lamp with triple-turn tubes
- Single-ended four-pin plug-in GX24q base with shortened base casing



# Product datasheet

## Technical data

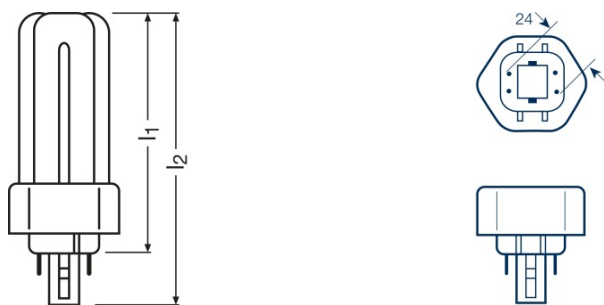
### Electrical data

Nominal wattage	43.00 W
Rated wattage	43.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

### Photometrical data

Nominal luminous flux	3200 lm
Rated luminous flux	3200 lm
Color temperature	2700 K
Light color	827
Light color as per EN 12464-1	LUMILUX INTERNA
Luminous flux at 25 °C	3200 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	7 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight



Overall length	165.0 mm
Product weight	76.00 g
Tube diameter	12 mm
Length	165.0 mm

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Length acc. to IEC standard	155 mm
Length with base excl. base pins/connection	149.00 mm

### Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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### Lifespan

Nominal lamp life time	20000 h
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>

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

### Additional product data

Base (standard designation)	GX24q-4
Lamp mercury content	2.6 mg
Appropriate disposal acc. to WEEE	Yes
Product remark	For ECG operation only

### Capabilities

Dimmable	Yes
Suitable for indoor	Yes

### Certificates & standards

Energy efficiency class	A
Energy consumption	48 kWh/1000h

### Country specific categorizations

ILCOS	FSMH/L//H-42/827-/P/-GX24q-4
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## Light Distribution

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## Spectral power distribution



## Guarantee

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### Equipment / Accessories

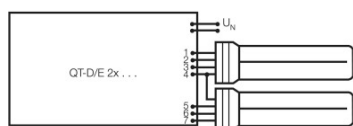
- Suitable for operation on electronic control gear

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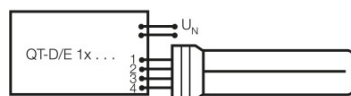
### Safety advice

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

## Product datasheet



Circuit diagram



Circuit diagram

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300425603	DULUX T/E CONSTANT 42 W/827	Shipping carton box 10	256 mm x 191 mm x 104 mm	5.09 dm <sup>3</sup>	999.00 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](http://www.osram.com/QUICKTRONIC)

### Disclaimer

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

## DULUX T/E CONSTANT 42 W/827

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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 42W/827 CONSTANT GX24Q	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