

## DULUX T/E CONSTANT 32 W/840

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

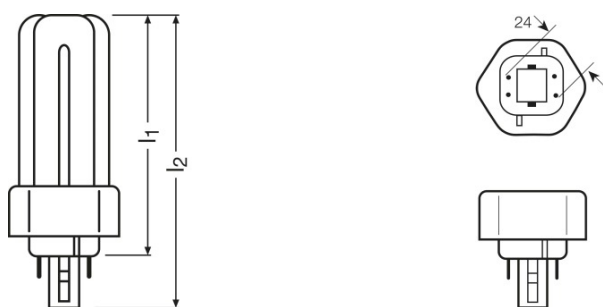
### Electrical data

Nominal wattage	32.00 W
Rated wattage	32.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

### Photometrical data

Nominal luminous flux	2400 lm
Rated luminous flux	2400 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	2400 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	6.5 cd/cm <sup>2</sup>
Color rendering group	1B

### Dimensions & weight



Overall length	144.0 mm
Product weight	67.00 g
Tube diameter	12 mm

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Length	144.0 mm
Length acc. to IEC standard	145 mm
Length with base excl. base pins/connection	128.00 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-3
Lamp mercury content	2.6 mg
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	For ECG operation only

### Capabilities

Dimmable	Yes
Suitable for indoor	Yes

### Certificates & standards

Energy efficiency class	A
Energy consumption	39 kWh/1000h

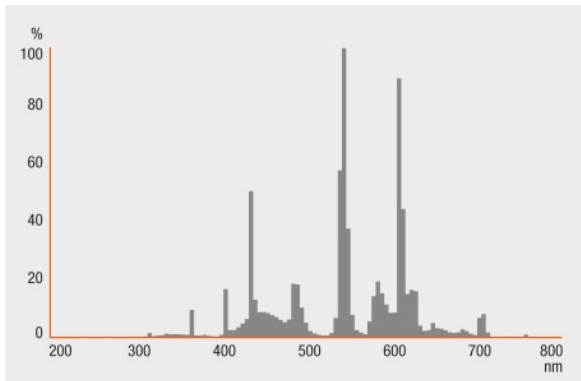
### Country specific categorizations

ILCOS	FSMH/L/H-32/840-/P/-GX24q-3
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# Product datasheet

## Light Distribution

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## Spectral power distribution



## Guarantee

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### Equipment / Accessories

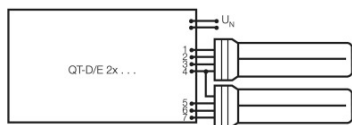
- Suitable for operation on electronic control gear

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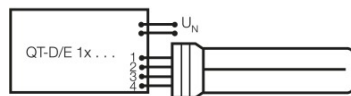
### Safety advice

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
4050300425504	DULUX T/E CONSTANT 32 W/840	Shipping carton box 10	256 mm x 171 mm x 129 mm	5.65 dm <sup>3</sup>	901.00 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 32 W/840

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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 32W/840 CONSTANT GX24Q	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.16 A	36.00 W	2400 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.30 A	69.00 W	2400 lm	2
	QTi-T/E 1x18-57 DIM	4008321060860	0.16 A	36.00 W	2400 lm	1
	QTi-T/E 2x18-42 DIM	4008321060846	0.30 A	69.00 W	2400 lm	2
	QT-M 2x26-42/220-240 S	4008321110022	0.30 A	70.00 W	2400 lm	2
	QTP-M 1x26-42	4008321329134	0.16 A	35.00 W	2400 lm	1
	QTP-M 2x26-32	4008321329158	0.30 A	68.00 W	2400 lm	2
	QTP-T/E 1x26-42, (2x26)	4008321537089	0.15 A	35.00 W	2400 lm	1