

PRODUCT DATASHEET

DTW 12 W/827 220...240 V E14

OSRAM DULUX TWIST | Compact fluorescent integrated, spiral shape



AREAS OF APPLICATION

- Wherever compact and efficient lamps are needed
- High-quality domestic and professional environments
- General illumination
- Outdoor use in enclosed and ventilated luminaires only

PRODUCT BENEFITS

- Very compact shape with high efficiency
- Higher luminous efficacy compared to other energy-saving lamp shapes

PRODUCT FEATURES

- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity
- Average life: 10,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Rated wattage	12.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz

Photometrical data

Nominal luminous flux	660 lm
Rated luminous flux	660 lm
Rated color temperature	2700 K
Light color	827
Light color (designation)	Warm White
Color rendering index Ra	≥80
Color rendering group	1B

Dimensions & weight



Maximum diameter	41.0 mm
Overall length	106.0 mm
Product weight	50.00 g
Length	103.0 mm

Temperatures & operating conditions





Ambient temperature range	0...+50 °C
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Lifespan

Nominal lamp life time	10000 h
Rated lamp life time	10000 h

Additional product data

Light colors, color rendering properties and Light Color Coordinates for OSRAM DULUX® - lamps with integrated control gear

Light Color LUMILEDS	Color Rendering Index (CRI) Ra	Target Color Coordinate X	Target Color Coordinate Y	Color Temperature [K]	
825 Warm Comfort Light	≥ 80	0.485	0.427	2500	
827 Warm White	≥ 80	0.463	0.420	2700	
840 Cool White	≥ 80	0.380	0.380	4000	
865 Cool Daylight	≥ 80	0.313	0.337	6500	

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Luminous intensity distribution

Base (standard designation)	E14
Mercury content	2.0 mg
Show WEEE picto	Yes

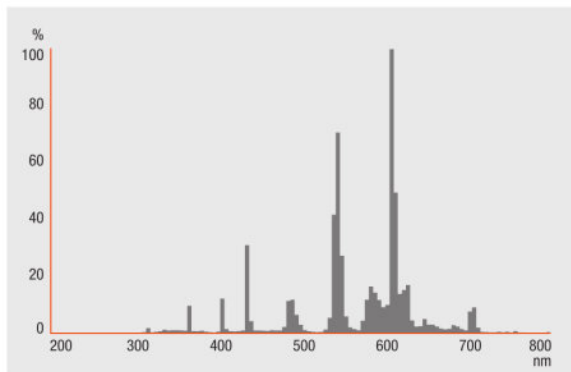
Certificates & standards

Energy efficiency class	A
Energy consumption	12 kWh/1000h
Cleaning instruction in case of breakage	What to do if a lamp containing mercury breaks?

Country-specific categorizations

ILCOS	FB-12/827-220/240-E14
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Light Distribution



Spectral power distribution

SAFETY ADVICE

In case of lamp breakage: www.ledvance.com/brokenlamp
 Not for use with external dimmers or electronic switches.

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321605955	DTW 12 W/827 220...240 V E14	Shipping carton box 10	224 mm x 93 mm x 128 mm	2.67 dm ³	620.00 g
4008321989598	DTW 12 W/827 220...240 V E14	Shipping carton box 8	188 mm x 116 mm x 182 mm	3.97 dm ³	566.00 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.

DISCLAIMER

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