

# PRODUCT DATASHEET

## DTW 23 W/827 220...240 V E27

OSRAM DULUX TWIST | Compact fluorescent integrated, spiral shape



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### 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

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### PRODUCT BENEFITS

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

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### PRODUCT FEATURES

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



## TECHNICAL DATA

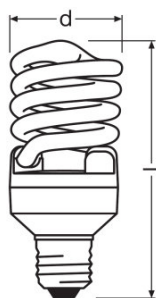
### Electrical data

Nominal wattage	23.00 W
Rated wattage	23.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz

### Photometrical data

Nominal luminous flux	1600 lm
Rated luminous flux	1600 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	54.0 mm
Overall length	119.0 mm
Product weight	75.00 g
Length	116.0 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	

DateName | ORG CODE | Initial  
TitelVorschlag | TITELNAME



Luminous intensity distribution

<b>Base (standard designation)</b>	E27
<b>Mercury content</b>	2.0 mg
<b>Show WEEE picto</b>	Yes

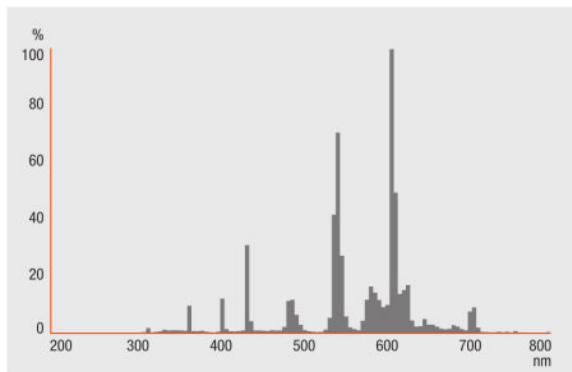
Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	23 kWh/1000h
<b>Cleaning instruction in case of breakage</b>	What to do if a lamp containing mercury breaks?

Country specific categorizations

<b>ILCOS</b>	FB-23/827-220/240-E27
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Light Distribution



Spectral power distribution

**SAFETY ADVICE**

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://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
4008321606044	DTW 23 W/827 220...240 V E27	Shipping carton box 10	292 mm x 124 mm x 150 mm	5.43 dm <sup>3</sup>	957.00 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.