

PRODUCT FAMILY DATASHEET

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

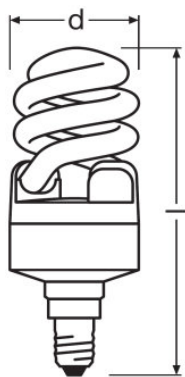


TECHNICAL DATA

Product description	Electrical data				Photometrical data							
	Rated wattage	Nominal voltage	Nominal wattage	Operating frequency	Nominal luminous flux	Rated luminous flux	Color temperature	Light color	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra
D TWIST 12 W/2700K 220...240 V E14	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	660 lm	2700 K	827	Warm White	2700 K	650 lm	≥80
D TWIST 12 W/2700K 220...240 V E27	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	660 lm	2700 K	827	Warm White	2700 K	650 lm	≥80
D TWIST 12 W/4000K 220...240 V E14	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	650 lm	4000 K	840	Cool White	4000 K	650 lm	≥80
D TWIST 12 W/4000K 220...240 V E27	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	650 lm	4000 K	840	Cool White	4000 K	650 lm	≥80
D TWIST 12 W/6500K 220...240 V E14	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	660 lm	6500 K	865	Cool Daylight	6500 K	650 lm	≥80
D TWIST 12 W/6500K 220...240 V E27	12.00 W	220...240 V	12.00 W	50...60 Hz	650 lm	660 lm	6500 K	865	Cool Daylight	6500 K	650 lm	≥80
DTW 15 W/2700K 220...240 V E14	15.00 W	220...240 V	15.00 W	50...60 Hz	900 lm	900 lm	2700 K	827	Warm White	2700 K	900 lm	≥80
DTW 15 W/2700K 220...240 V E27	15.00 W	220...240 V	15.00 W	50...60 Hz	900 lm	900 lm	2700 K	827	Warm White	2700 K	900 lm	≥80
DTW 15 W/4000K 220...240 V E27	15.00 W	220...240 V	15.00 W	50...60 Hz	900 lm	900 lm	4000 K	840	Cool White	4000 K	900 lm	≥80
DTW 15 W/6500K 220...240 V E27	15.00 W	220...240 V	15.00 W	50...60 Hz	900 lm	900 lm	6500 K	865	Cool Daylight	6500 K	900 lm	≥80
DTW 20 W/2700K 220...240 V B22d	20.00 W	220...240 V	20.00 W	50...60 Hz	1300 lm	1300 lm	2700 K	827	Warm White	2700 K	1300 lm	≥80
DTW 20 W/2700K 220...240 V E27	20.00 W	220...240 V	20.00 W	50...60 Hz	1300 lm	1300 lm	2700 K	827	Warm White	2700 K	1300 lm	≥80
DTW 20 W/4000K 220...240 V E27	20.00 W	220...240 V	20.00 W	50...60 Hz	1300 lm	1300 lm	4000 K	840	Cool White	4000 K	1300 lm	≥80
DTW 20 W/6500K 220...240 V E27	20.00 W	220...240 V	20.00 W	50...60 Hz	1300 lm	1300 lm	6500 K	865	Cool Daylight	6500 K	1300 lm	≥80
D TWIST 23 W/2700K 220...240 V E27	23.00 W	220...240 V	23.00 W	50...60 Hz	1600 lm	1600 lm	2700 K	827	Warm White	2700 K	1600 lm	≥80
D TWIST 23 W/4000K 220...240 V E27	23.00 W	220...240 V	23.00 W	50...60 Hz	1600 lm	1600 lm	4000 K	840	Cool White	4000 K	1600 lm	≥80
D TWIST 23 W/6500K 220...240 V E27	23.00 W	220...240 V	23.00 W	50...60 Hz	1600 lm	1600 lm	6500 K	865	Cool Daylight	6500 K	1600 lm	≥80

Product description	Dimensions & weight			Temperatures & operating conditions	Lifespan		Additional product data			Capabilities
	Maximum diameter	Overall length	Product weight	Ambient temperature range	Nominal lamp life time	Rated lamp life time	Base (standard designation)	Mercury content	Show WEEE picto	Dimmable
D TWIST 12 W/2700K 220...240 V E14	41.0 mm	106.0 mm	50.00 g	0...+50 °C	10000 h	10000 h	E14	2.0 mg	Yes	No
D TWIST 12 W/2700K 220...240 V E27	41.0 mm	102.0 mm	50.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
D TWIST 12 W/4000K 220...240 V E14	41.0 mm	106.0 mm	50.00 g	0...+50 °C	8000 h	8000 h	E14	1.7 mg	Yes	No
D TWIST 12 W/4000K 220...240 V E27	41.0 mm	102.0 mm	50.00 g	0...+50 °C	8000 h	8000 h	E27	1.7 mg	Yes	No
D TWIST 12 W/6500K 220...240 V E14	41.0 mm	106.0 mm	50.00 g	0...+50 °C	10000 h	10000 h	E14	2.0 mg	Yes	No
D TWIST 12 W/6500K 220...240 V E27	41.0 mm	102.0 mm	50.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 15 W/2700K 220...240 V E14	41.0 mm	109.0 mm	55.00 g	0...+50 °C	10000 h	10000 h	E14	1.4 mg	Yes	No
DTW 15 W/2700K 220...240 V E27	41.0 mm	106.0 mm	55.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 15 W/4000K 220...240 V E27	41.0 mm	106.0 mm	55.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 15 W/6500K 220...240 V E27	41.0 mm	106.0 mm	55.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 20 W/2700K 220...240 V B22d	54.0 mm	110.0 mm	80.00 g	0...+50 °C	10000 h	10000 h	B22d	1.4 mg	Yes	No
DTW 20 W/2700K 220...240 V E27	54.0 mm	111.0 mm	70.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 20 W/4000K 220...240 V E27	54.0 mm	111.0 mm	70.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
DTW 20 W/6500K 220...240 V E27	54.0 mm	111.0 mm	70.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
D TWIST 23 W/2700K 220...240 V E27	54.0 mm	119.0 mm	75.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
D TWIST 23 W/4000K 220...240 V E27	54.0 mm	119.0 mm	75.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No
D TWIST 23 W/6500K 220...240 V E27	54.0 mm	119.0 mm	75.00 g	0...+50 °C	10000 h	10000 h	E27	2.0 mg	Yes	No

Product description	Certificates & standards	Country-specific categorizations
	Energy consumption	ILCOS
D TWIST 12 W/2700K 220...240 V E14	12 kWh/1000h	FB-12/827-220/240-E14
D TWIST 12 W/2700K 220...240 V E27	12 kWh/1000h	FB-12/827-220/240-E27
D TWIST 12 W/4000K 220...240 V E14	12 kWh/1000h	FB-12/840-220/240-E14
D TWIST 12 W/4000K 220...240 V E27	12 kWh/1000h	FB-12/840-220/240-E27
D TWIST 12 W/6500K 220...240 V E14	12 kWh/1000h	FB-12/865-220/240-E14
D TWIST 12 W/6500K 220...240 V E27	12 kWh/1000h	FB-12/865-220/240-E27
DTW 15 W/2700K 220...240 V E14	15 kWh/1000h	FB-15/27/1B-220/240-E14
DTW 15 W/2700K 220...240 V E27	15 kWh/1000h	FB-15/827-220/240-E27
DTW 15 W/4000K 220...240 V E27	15 kWh/1000h	FB-15/840-220/240-E27
DTW 15 W/6500K 220...240 V E27	15 kWh/1000h	FB-15/865-220/240-E27
DTW 20 W/2700K 220...240 V B22d	20 kWh/1000h	FB-20/827-220/240-B22D
DTW 20 W/2700K 220...240 V E27	20 kWh/1000h	FB-20/827-220/240-E27
DTW 20 W/4000K 220...240 V E27	20 kWh/1000h	FB-20/840-220/240-E27
DTW 20 W/6500K 220...240 V E27	20 kWh/1000h	FB-20/865-220/240-E27
D TWIST 23 W/2700K 220...240 V E27	23 kWh/1000h	FB-23/827-220/240-E27
D TWIST 23 W/4000K 220...240 V E27	23 kWh/1000h	FB-23/840-220/240-E27
D TWIST 23 W/6500K 220...240 V E27	23 kWh/1000h	FB-23/865-220/240-E27



D TWIST 12 W/2700K 220...240 V E14,
D TWIST 12 W/4000K 220...240 V E14,
D TWIST 12 W/6500K 220...240 V E14



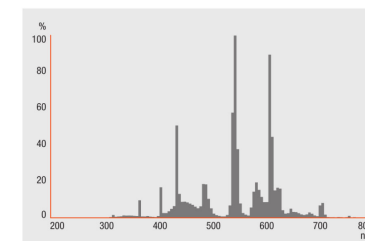
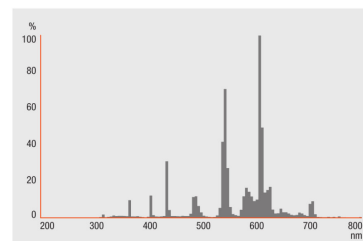
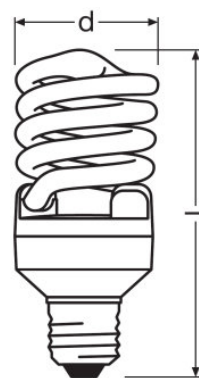
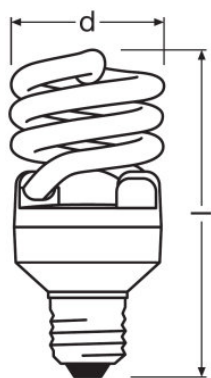
D TWIST 12 W/2700K 220...240 V E27,
D TWIST 12 W/4000K 220...240 V E27,
D TWIST 12 W/6500K 220...240 V E27



DTW 15 W/2700K 220...240 V E14



DTW 15 W/2700K 220...240 V E27, DTW
15 W/4000K 220...240 V E27, DTW 15
W/6500K 220...240 V E27

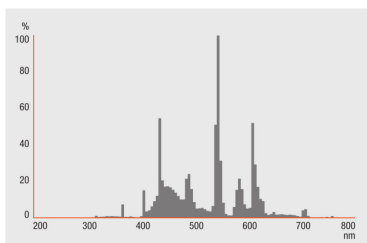


DTW 20 W/2700K 220...240 V E27, DTW 20 W/4000K 220...240 V E27, DTW 20 W/6500K 220...240 V E27

D TWIST 23 W/2700K 220...240 V E27, D TWIST 23 W/4000K 220...240 V E27, D TWIST 23 W/6500K 220...240 V E27

D TWIST 12 W/2700K 220...240 V E14, D TWIST 12 W/2700K 220...240 V E27, DTW 15 W/2700K 220...240 V E14, DTW 15 W/2700K 220...240 V E27, DTW 20 W/2700K 220...240 V B22d, DTW 20 W/2700K 220...240 V E27, D TWIST 23 W/2700K 220...240 V E27

D TWIST 12 W/4000K 220...240 V E14, D TWIST 12 W/4000K 220...240 V E27, DTW 15 W/4000K 220...240 V E27, DTW 20 W/4000K 220...240 V E27, D TWIST 23 W/4000K 220...240 V E27



D TWIST 12 W/6500K 220...240 V E14,
 D TWIST 12 W/6500K 220...240 V E27,
 DTW 15 W/6500K 220...240 V E27, DTW
 20 W/6500K 220...240 V E27, D TWIST
 23 W/6500K 220...240 V E27

SAFETY ADVICE

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

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899913318	Shipping carton box 10	224 mm x 93 mm x 128 mm	620.00 g	2.67 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899913332	Shipping carton box 8	188 mm x 116 mm x 182 mm	607.00 g	3.97 dm ³
4052899913356	Shipping carton box 10	224 mm x 93 mm x 123 mm	611.00 g	2.56 dm ³
4052899913370	Shipping carton box 8	198 mm x 116 mm x 182 mm	561.00 g	4.18 dm ³
4052899913035	Shipping carton box 10	224 mm x 93 mm x 128 mm	608.00 g	2.67 dm ³
4052899913066	Shipping carton box 10	224 mm x 93 mm x 123 mm	676.00 g	2.56 dm ³
4052899913325	Shipping carton box 10	224 mm x 93 mm x 128 mm	623.00 g	2.67 dm ³
4052899913349	Shipping carton box 8	188 mm x 116 mm x 182 mm	607.00 g	3.97 dm ³
4052899913363	Shipping carton box 10	224 mm x 93 mm x 123 mm	606.00 g	2.56 dm ³
4052899913387	Shipping carton box 8	198 mm x 116 mm x 182 mm	556.00 g	4.18 dm ³
4052899915749	Shipping carton box 10	224 mm x 93 mm x 128 mm	737.00 g	2.67 dm ³
4052899913417	Shipping carton box 10	224 mm x 93 mm x 128 mm	682.00 g	2.67 dm ³
4052899913431	Shipping carton box 6	158 mm x 116 mm x 182 mm	429.00 g	3.34 dm ³
4052899913103	Shipping carton box 10	224 mm x 93 mm x 128 mm	738.00 g	2.67 dm ³
4052899913424	Shipping carton box 10	224 mm x 93 mm x 128 mm	738.00 g	2.67 dm ³
4052899913448	Shipping carton box 6	158 mm x 116 mm x 182 mm	428.00 g	3.34 dm ³
4052899913462	Shipping carton box 6	178 mm x 138 mm x 200 mm	615.00 g	4.91 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899913479	Shipping carton box 10	292 mm x 124 mm x 142 mm	886.00 g	5.14 dm ³
4052899913141	Shipping carton box 10	292 mm x 124 mm x 142 mm	865.00 g	5.14 dm ³
4052899913486	Shipping carton box 10	292 mm x 124 mm x 142 mm	882.00 g	5.14 dm ³
4052899913509	Shipping carton box 6	178 mm x 138 mm x 200 mm	567.00 g	4.91 dm ³
4052899913530	Shipping carton box 10	292 mm x 124 mm x 150 mm	957.00 g	5.43 dm ³
4052899913561	Shipping carton box 6	178 mm x 138 mm x 200 mm	606.00 g	4.91 dm ³
4052899913189	Shipping carton box 10	292 mm x 124 mm x 150 mm	947.00 g	5.43 dm ³
4052899913547	Shipping carton box 10	292 mm x 124 mm x 150 mm	1004.00 g	5.43 dm ³
4052899913578	Shipping carton box 6	178 mm x 138 mm x 200 mm	610.00 g	4.91 dm ³

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.