

DINT DIM STICK 18 W/825 E27

OSRAM DULUX INTELLIGENT DIM STICK | Continuously dimmable compact fluorescent integrated, stick shape



Areas of application

- Rooms in which different light levels are to be created
- Dimmable installations
- General illumination
- For indoor use only

Product benefits

- Creation of the preferred light ambience
- Great light color variation
- Energy savings and dimming at the same time

Product features

- Infinitely variable dimming (from 100...7 %) with leading-edge phase dimmers
- Dimmable compact fluorescent lamp in stick shape
- Quick Light: 60 % light output in ≤ 20 s
- Warm Comfort Light – energy-saving light similar to that of an incandescent lamp
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity



Technical data

Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	83 W
Power factor λ	0.80
Nominal current	0.18 A
Operating frequency	50...60 Hz

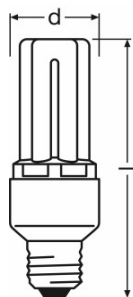
Photometrical data

Nominal luminous flux	1100 lm
Rated luminous flux	1100 lm
Color temperature	2500 K
Light color	825
Light color as per EN 12464-1	Warm Comfort Light
Color rendering index Ra	≥ 80
Color rendering group	1B

Light technical data

Warm-up time (60 %)	< 20.00 s
Starting time	< 1.0 s

Dimensions & weight



Maximum diameter	52.0 mm
Overall length	161.0 mm
Product weight	101.00 g

Product datasheet

Temperatures





Ambient temperature range	-30...+50 °C
---------------------------	--------------

Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
Number of switching cycles	1000000
Lumen main.fact.at end of nom.life time	0.75

Additional product data

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

Light Color LUMILUX®	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	
895 Cool Daylight	≥ 80	0.313	0.337	6500	

1 Datasheet | ORG CODE | Website
Titel/Versionierung | TMM/LLJ



Luminous intensity distribution

Base (standard designation)	E27
Lamp mercury content	1.3 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
----------	-----

Certificates & standards

Energy efficiency class	A
Energy consumption	18 kWh/1000h

Product datasheet

Cleaning instruction in case of breakage

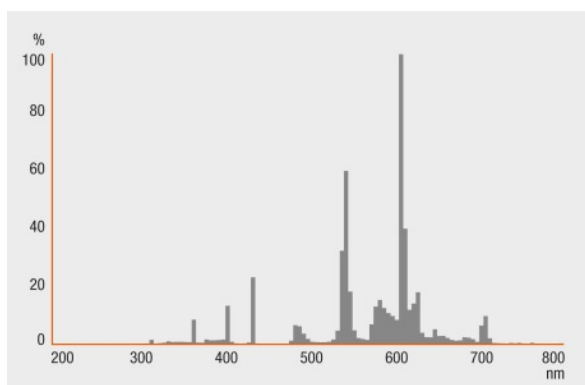
What to do if a lamp containing mercury breaks?

Country specific categorizations

ILCOS

FBT-18/825-220/240-E27

Light Distribution



Spectral power distribution

Safety advice

In case of lamp breakage: www.osram.com/brokenlamp

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321953445	DINT DIM STICK 18 W/825 E27	Shipping carton box 10	280 mm x 177 mm x 122 mm	6.05 dm ³	1374.00 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

Product datasheet

For dimming conformity see

▶ www.osram.com/DIM

Disclaimer

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