

## DINT FACILITY 22 W/825 E27

OSRAM DULUX INTELLIGENT FACILITY | Compact fluorescent integrated with very high switching capability, stick shape



### Areas of application

- Where the lamps need to last a long time or have to withstand frequent on/off switching
- Installations with automatic disconnection circuits (e.g. in stairwells)
- Emergency lighting
- Hard-to-reach holders
- Wherever light is required quickly
- Hotels, restaurants, facility management
- Outdoor use in enclosed and ventilated luminaires only

### Product benefits

- Extremely durable due to extremely high switching resistance
- Much longer relamping intervals (compared with the standard reference product)
- Variable use at Direct Current and Alternating Current
- Extremely fast lumen ramp-up thanks to Quick Light Technology

### Product features

- Extremely high number of switching cycles: up to 1,000,000
- Extremely long average lifetime: 20,000 h (equals 20 years at 2.7 h per day)
- Quick Light: 60 % light output in < 20 s (< 30 s for 10 W product)
- Warm Comfort Light – energy-saving light similar to that of an incandescent lamp
- Can be used in Direct Current systems: 176...310 V DC
- Very broad ambient temperature range: -30...+50 °C



## Technical data

### Electrical data

Nominal wattage	22.00 W
Rated wattage	22.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	98 W
Power factor $\lambda$	0.55
Nominal current	0.22 A
Operating frequency	50...60 Hz

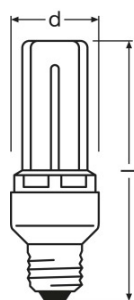
### Photometrical data

Nominal luminous flux	1360 lm
Rated luminous flux	1360 lm
Color temperature	2500 K
Light color	825
Light color as per EN 12464-1	Warm Comfort Light
Color rendering index Ra	$\geq 80$
Color rendering group	1B

### Light technical data

Warm-up time (60 %)	< 20.00 s
Starting time	0.5 s

### Dimensions & weight



Maximum diameter	52.0 mm
Overall length	171.0 mm
Product weight	90.00 g

# Product datasheet

## Temperatures


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

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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	No
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## Certificates & standards

Energy efficiency class	A
Energy consumption	22 kWh/1000h

## Product datasheet

### Cleaning instruction in case of breakage

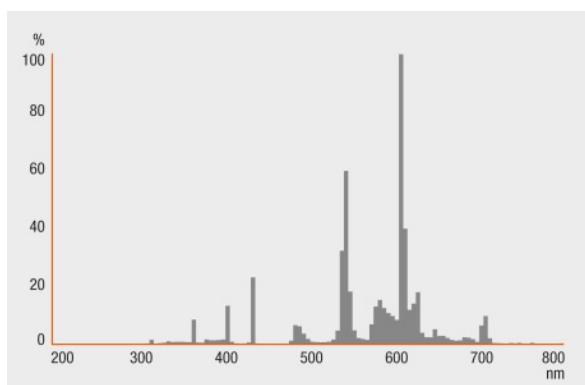
What to do if a lamp containing mercury breaks?

### Country specific categorizations

ILCOS

FBT-22/825-220/240-E27

### Light Distribution



### Spectral power distribution

#### Safety advice

In case of lamp breakage: [www.osram.com/brokenlamp](http://www.osram.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
4008321948519	DINT FACILITY 22 W/825 E27	Shipping carton box 10	288 mm x 196 mm x 121 mm	6.83 dm <sup>3</sup>	1248.00 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

## Product datasheet

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