

DINT LL 18 W/840 E27

OSRAM DULUX INTELLIGENT LONGLIFE | Very durable compact fluorescent integrated, stick shape



Areas of application

- Hotels, restaurants, facility management
- Hard-to-reach holders
- General illumination
- Wherever light is required quickly
- Outdoor use in enclosed and ventilated luminaires only

Product benefits

- Very durable due to high switching resistance
- Much longer relamping intervals (compared with the standard reference product)
- Extremely fast lumen ramp-up thanks to Quick Light Technology

Product features

- Extremely long average lifetime: 20,000 h (equals 20 years at 2.7 h per day)
- Very high number of switching cycles: 500,000
- Quick Light: 60 % light output in ≤ 20 s
- Warm Comfort Light – energy-saving light similar to that of an incandescent lamp
- Very broad ambient temperature range: $-30...+50$ °C



Technical data

Electrical data

Nominal wattage	18.00 W
Rated wattage	18.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	85 W
Power factor λ	0.55
Nominal current	0.18 A
Operating frequency	50...60 Hz

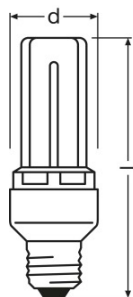
Photometrical data

Nominal luminous flux	1140 lm
Rated luminous flux	1140 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	Cool White
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	45.0 mm
Overall length	148.0 mm
Product weight	78.00 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	500000
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	No
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Certificates & standards

Energy efficiency class	A
Energy consumption	18 kWh/1000h

Product datasheet

Cleaning instruction in case of breakage

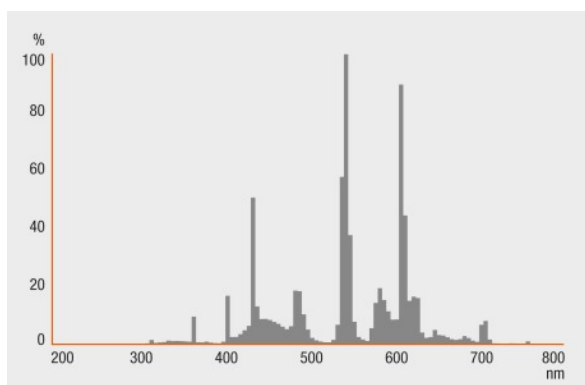
What to do if a lamp containing mercury breaks?

Country specific categorizations

ILCOS

FBT-18/840-220/240-E27

Light Distribution



Spectral power distribution

Safety advice

In case of lamp breakage: 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
4008321394224	DINT LL 18 W/840 E27	Shipping carton box 10	242 mm x 163 mm x 103 mm	4.06 dm ³	1039.00 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.