

## DSST NATW 5 W/840 G9

OSRAM DULUX SUPERSTAR NANO TWIST | Compact fluorescent integrated, spiral shape



### Areas of application

- Small designer luminaires
- Wherever compact and efficient lamps are needed
- High-quality domestic and professional environments
- General illumination
- Wherever light is required quickly
- Outdoor use in enclosed and ventilated luminaires only

### Product benefits

- Among the smallest energy-saving lamps
- Extremely small dimensions
- Very compact shape with high efficiency
- Extremely fast lumen ramp-up thanks to Quick Light Technology
- Up to 80 % less energy consumption compared with ordinary light bulbs
- Three year guarantee

### Product features

- Warm Comfort Light – energy-saving light similar to that of an incandescent lamp
- Quick Light: 60 % light output in  $\leq 30$  s
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity
- Average life: up to 8,000 h (switching cycle: 165 min on, 15 min off)
- Alternative to halogen lamps with G9 and GU10 base



## Technical data

### Electrical data

Nominal wattage	5.00 W
Rated wattage	5.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Power factor $\lambda$	0.55
Nominal current	0.05 A
Operating frequency	50...60 Hz

### Photometrical data

Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Color temperature	4000 K
Light color	840
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$
Color rendering group	1B

### Light technical data

Warm-up time (60 %)	20.00 s
Starting time	0.3 s

### Dimensions & weight



Maximum diameter	33.0 mm
Overall length	85.0 mm
Product weight	33.00 g

# Product datasheet

## Temperatures & operating conditions





Ambient temperature range	0...+50 °C
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## Lifespan

Nominal lamp life time	8000 h
Rated lamp life time	8000 h
Number of switching cycles	10000
Lumen main.fact.at end of nom.life time	0.60

## 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)	G9
Mercury content	1.8 mg
Appropriate disposal acc. to WEEE	Yes

## Capabilities

Dimmable	No
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## Certificates & standards

Energy efficiency class	A
Energy consumption	5 kWh/1000h

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**Cleaning instruction in case of breakage**

What to do if a lamp containing mercury breaks?

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**Country specific categorizations**

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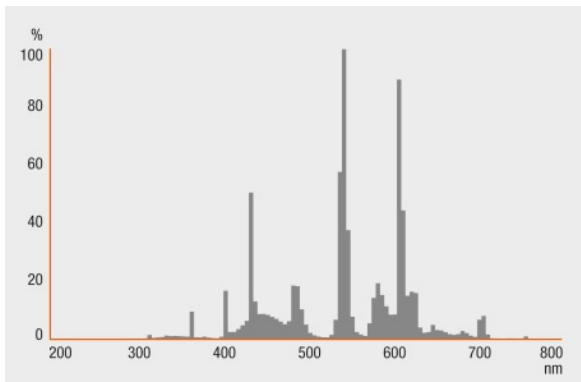
**ILCOS**

FB-5/840-220/240-G9

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**Light Distribution**

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**Spectral power distribution**

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**Guarantee**

## Product datasheet

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### 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.

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321510761	DSST NATW 5 W/840 G9	Shipping carton box 10	166 mm x 170 mm x 140 mm	3.95 dm <sup>3</sup>	447.33 g

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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.

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### References / Links

For Guarantee see  
▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

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### Disclaimer

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