
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 ≤ 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



Product family datasheet

Technical data

Product description	Electrical data							Photometrical data			
	Nominal wattage	Rated wattage	Nominal voltage	Claimed equiv. conventional lamp power	Power factor λ	Nominal current	Operating frequency	Nominal luminous flux	Rated luminous flux	Color temperature	Light color
DSST NATW 5 W/825 E14	5.00 W	5.00 W	220...240 V	25 W	0.55	0.05 A	50...60 Hz	230 lm	230 lm	2500 K	825
DSST NATW 5 W/825 GU10	5.00 W	5.00 W	220...240 V	25 W	0.55	0.04 A	50...60 Hz	230 lm	230 lm	2500 K	825
DSST NATW 5 W/840 E14	5.00 W	5.00 W	220...240 V	25 W	0.55	0.05 A	50...60 Hz	230 lm	230 lm	4000 K	840
DSST NATW 5 W/840 G9	5.00 W	5.00 W	220...240 V	25 W	0.55	0.05 A	50...60 Hz	230 lm	230 lm	4000 K	840
DSST NATW 5 W/840 GU10	5.00 W	5.00 W	220...240 V	25 W	0.55	0.05 A	50...60 Hz	230 lm	230 lm	4000 K	840
DSST NATW 9 W/825 E14	9.00 W	9.00 W	220...240 V	40 W	≥ 0.55	0.09 A	50...60 Hz	430 lm	430 lm	2500 K	825
DSST NATW 9 W/825 G9	9.00 W	9.00 W	220...240 V	40 W	0.55	0.09 A	50...60 Hz	430 lm	430 lm	2500 K	825
DSST NATW 9 W/840 E14	9.00 W	9.00 W	220...240 V	40 W	0.55	0.09 A	50...60 Hz	430 lm	430 lm	4000 K	840

Product description	Light color (designation)	Color rendering index Ra	Light technical data		Dimensions & weight			Temperatures & operating conditions	Lifespan	
			Warm-up time (60 %)	Starting time	Maximum diameter	Overall length	Product weight	Ambient temperature range	Nominal lamp life time	Rated lamp life time
DSST NATW 5 W/825 E14	Warm Comfort Light	≥ 80	20.00 s	0.3 s	33.0 mm	86.0 mm	33.00 g	0...+50 °C	10000 h	10000 h
DSST NATW 5 W/825 GU10	Warm Comfort Light	≥ 80	20.00 s	1.5 s	31.0 mm	80.0 mm	26.00 g	0...+50 °C	8000 h	8000 h
DSST NATW 5 W/840 E14	Cool White	≥ 80	20.00 s	0.3 s	33.0 mm	86.0 mm	33.00 g	0...+50 °C	10000 h	10000 h
DSST NATW 5 W/840 G9	Cool White	≥ 80	20.00 s	0.3 s	33.0 mm	85.0 mm	33.00 g	0...+50 °C	8000 h	8000 h
DSST NATW 5 W/840 GU10	Cool White	≥ 80	20.00 s	0.3 s	33.0 mm	80.0 mm	33.00 g	0...+50 °C	10000 h	10000 h
DSST NATW 9 W/825 E14	Warm Comfort Light	≥ 80	20.00 s	0.3 s	33.0 mm	99.0 mm	35.00 g	0...+50 °C	10000 h	10000 h

Product family datasheet

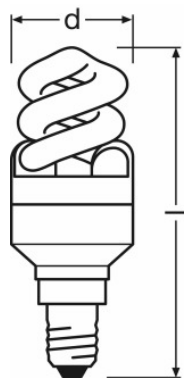
Product description	Light color (designation)	Color rendering index Ra	Light technical data		Dimensions & weight			Temperatures & operating conditions	Lifespan	
			Warm-up time (60 %)	Starting time	Maximum diameter	Overall length	Product weight	Ambient temperature range	Nominal lamp life time	Rated lamp life time
DSST NATW 9 W/825 G9	Warm Comfort Light	≥80	20.00 s	0.3 s	33.0 mm	98.0 mm	35.00 g	0...+50 °C	8000 h	8000 h
DSST NATW 9 W/840 E14	Cool White	≥80	20.00 s	0.3 s	33.0 mm	99.0 mm	35.00 g	0...+50 °C	10000 h	10000 h

Product description	Number of switching cycles	Lumen main. fact. at end of nom. life time	Additional product data			Capabilities	Certificates & standards	
			Base (standard designation)	Mercury content	Appropriate disposal acc. to WEEE	Dimmable	Energy efficiency class	Energy consumption
DSST NATW 5 W/825 E14	10000	0.60	E14	1.4 mg	Yes	No	A	5 kWh/1000h
DSST NATW 5 W/825 GU10	30000	0.60	GU10	1.8 mg	Yes	No	A	5 kWh/1000h
DSST NATW 5 W/840 E14	10000	0.60	E14	1.4 mg	Yes	No	A	5 kWh/1000h
DSST NATW 5 W/840 G9	10000	0.60	G9	1.8 mg	Yes	No	A	5 kWh/1000h
DSST NATW 5 W/840 GU10	10000	0.60	GU10	1.4 mg	Yes	No	A	5 kWh/1000h
DSST NATW 9 W/825 E14	10000	0.60	E14	1.7 mg	Yes	No	A	9 kWh/1000h
DSST NATW 9 W/825 G9	10000	0.60	G9	1.5 mg	Yes	No	A	9 kWh/1000h
DSST NATW 9 W/840 E14	10000	0.60	E14	1.4 mg	Yes	No	A	9 kWh/1000h

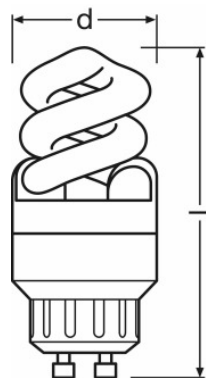
Product description	Country specific categorizations
	ILCOS
DSST NATW 5 W/825 E14	FB-5/825-220/240-E14
DSST NATW 5 W/825 GU10	FB-5/825-220/240-GU10
DSST NATW 5 W/840 E14	FB-5/840-220/240-E14
DSST NATW 5 W/840 G9	FB-5/840-220/240-G9

Product family datasheet

Product description	Country specific categorizations
	ILCOS
DSST NATW 5 W/840 GU10	FB-5/840-220/240-GU10
DSST NATW 9 W/825 E14	FB-9/825-220/240-E14
DSST NATW 9 W/825 G9	FB-9/825-220/240-G9
DSST NATW 9 W/840 E14	FB-9/840-220/240-E14



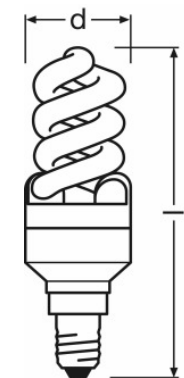
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DSST NATW 5 W/825 GU10, DSST NATW 5 W/840 GU10

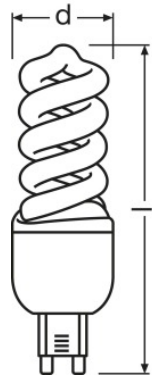


DSST NATW 5 W/840 G9



DSST NATW 9 W/825 E14, DSST NATW 9 W/840 E14

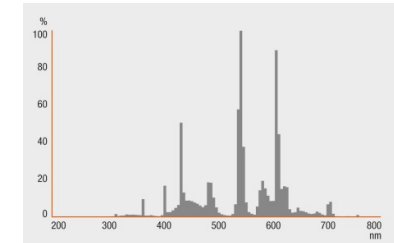
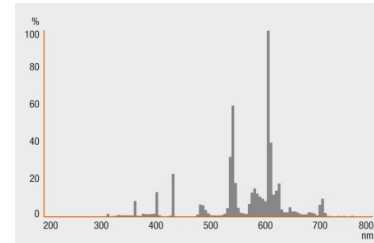
Product family datasheet



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
860 Cool Daylight	≥ 80	0.313	0.337	6500

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DSST NATW 9 W/825 G9

DSST NATW 5 W/825 E14, DSST NATW 5 W/825 GU10, DSST NATW 5 W/840 E14, DSST NATW 5 W/840 G9, DSST NATW 5 W/840 GU10, DSST NATW 9 W/825 E14, DSST NATW 9 W/825 G9, DSST NATW 9 W/840 E14

DSST NATW 5 W/825 E14, DSST NATW 5 W/825 GU10, DSST NATW 9 W/825 E14, DSST NATW 9 W/825 G9

DSST NATW 5 W/840 E14, DSST NATW 5 W/840 G9, DSST NATW 5 W/840 GU10, DSST NATW 9 W/840 E14

Safety advice

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

Application advice

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

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321508850	DSST NATW 5 W/825 E14	Shipping carton box 10	166 mm x 173 mm x 121 mm	3.47 dm ³	464.14 g
4008321510914	DSST NATW 5 W/825 E14	Shipping carton box 10	142 mm x 112 mm x 110 mm	1.75 dm ³	365.00 g
4008321549037	DSST NATW 5 W/825 GU10	Shipping carton box 10	166 mm x 170 mm x 120 mm	3.39 dm ³	462.00 g
4008321508898	DSST NATW 5 W/840 E14	Shipping carton box 10	174 mm x 113 mm x 74 mm	1.45 dm ³	367.29 g
4008321510761	DSST NATW 5 W/840 G9	Shipping carton box 10	166 mm x 170 mm x 140 mm	3.95 dm ³	447.33 g
4008321549006	DSST NATW 5 W/840 GU10	Shipping carton box 10	166 mm x 163 mm x 119 mm	3.22 dm ³	419.70 g
4008321509031	DSST NATW 9 W/825 E14	Shipping carton box 10	166 mm x 179 mm x 140 mm	4.16 dm ³	501.67 g
4008321511034	DSST NATW 9 W/825 E14	Shipping carton box 10	151 mm x 129 mm x 101 mm	1.97 dm ³	405.00 g
4008321956910	DSST NATW 9 W/825 G9	Shipping carton box 10	166 mm x 173 mm x 140 mm	4.02 dm ³	439.70 g
4008321509062	DSST NATW 9 W/840 E14	Shipping carton box 10	174 mm x 129 mm x 77 mm	1.73 dm ³	405.00 g
4008321511065	DSST NATW 9 W/840 E14	Shipping carton box 10	166 mm x 171 mm x 120 mm	3.41 dm ³	449.70 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.

Product family datasheet

References / Links

For Guarantee see

- ▶ www.osram.com/guarantee

Disclaimer

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