

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

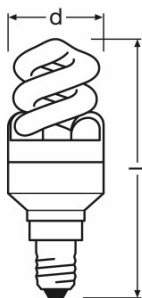
- Among the smallest energy-saving lamps
- Extremely small dimensions
- Very compact shape with high efficiency
- Extremely fast lumen ramp-up thanks to Quick Light Technology
- Up to 80 % less energy consumption compared with ordinary light bulbs
- Three year guarantee

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



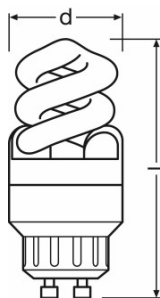
Product family datasheet



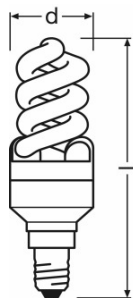
Product line drawing



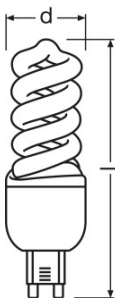
Product line drawing



Product line drawing



Product line drawing



Product line drawing



Product line drawing

Product family datasheet

Technical data

Product description	Nominal wattage	Nominal voltage	Nominal luminous flux	Color temperature	Nominal lamp life time	Number of switching cycles
DSST NATW 5 W/825 E14	5 W	220...240 V	230 lm	2500 K	8000 h	10000
DSST NATW 5 W/825 G9	5 W	220...240 V	230 lm	2500 K	8000 h	10000
DSST NATW 5 W/825 GU10	5 W	220...240 V	230 lm	2500 K	8000 h	10000
DSST NATW 5 W/840 E14	5 W	220...240 V	230 lm	4000 K	8000 h	10000
DSST NATW 5 W/840 G9	5 W	220...240 V	230 lm	4000 K	8000 h	10000
DSST NATW 5 W/840 GU10	5 W	220...240 V	230 lm	4000 K	8000 h	10000
DSST NATW 9 W/825 E14	9 W	220...240 V	430 lm	2500 K	8000 h	10000
DSST NATW 9 W/825 G9	9 W	220...240 V	240 lm	2500 K	8000 h	10000
DSST NATW 9 W/825 GU10	9 W	220...240 V	430 lm	2500 K	8000 h	10000
DSST NATW 9 W/840 E14	9 W	220...240 V	430 lm	4000 K	8000 h	10000
DSST NATW 9 W/840 G9	9 W	220...240 V	430 lm	4000 K	8000 h	10000
DSST NATW 9 W/840 GU10	9 W	220...240 V	430 lm	4000 K	8000 h	10000

Product description	Base (standard designation)	Maximum diameter	Rated wattage	Claimed equiv. conventional lamp power	Rated luminous flux	Rated lamp life time
DSST NATW 5 W/825 E14	E14	33.0 mm	5.00 W	25 W	230 lm	8000 h
DSST NATW 5 W/825 G9	G9	33.0 mm	5.00 W	25 W	230 lm	8000 h
DSST NATW 5 W/825 GU10	GU10	33.0 mm	5.00 W	25 W	230 lm	8000 h
DSST NATW 5 W/840 E14	E14	33.0 mm	5.00 W	25 W	230 lm	8000 h
DSST NATW 5 W/840 G9	G9	33.0 mm	5.00 W	25 W	230 lm	8000 h

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Product description	Base (standard designation)	Maximum diameter	Rated wattage	Claimed equiv. conventional lamp power	Rated luminous flux	Rated lamp life time
DSST NATW 5 W/840 GU10	GU10	33.0 mm	5.00 W	25 W	230 lm	8000 h
DSST NATW 9 W/825 E14	E14	33.0 mm	9.00 W	40 W	430 lm	8000 h
DSST NATW 9 W/825 G9	G9	33.0 mm	9.00 W	40 W	240 lm	8000 h
DSST NATW 9 W/825 GU10	GU10	33.0 mm	9.00 W	40 W	430 lm	8000 h
DSST NATW 9 W/840 E14	E14	33.0 mm	9.00 W	40 W	430 lm	8000 h
DSST NATW 9 W/840 G9	G9	33.0 mm	9.00 W	40 W	430 lm	8000 h
DSST NATW 9 W/840 GU10	GU10	33.0 mm	9.00 W	40 W	430 lm	8000 h

Product description	Light color	Color rendering group	Color rendering index Ra	Lumen main.fact.at end of nom.life time	Warm-up time (60 %)	Starting time
DSST NATW 5 W/825 E14	825	1B	≥80	0.60	20.00 s	2.0 s
DSST NATW 5 W/825 G9	825	1B	≥80	0.60	20.00 s	2.0 s
DSST NATW 5 W/825 GU10	825	1B	≥80		20.00 s	2.0 s
DSST NATW 5 W/840 E14	840	1B	≥80	0.60	20.00 s	2.0 s
DSST NATW 5 W/840 G9	840	1B	≥80		20.00 s	2.0 s
DSST NATW 5 W/840 GU10	840	1B	≥80		20.00 s	2.0 s
DSST NATW 9 W/825 E14	825	1B	≥80	0.60	20.00 s	0.3 s
DSST NATW 9 W/825 G9	825	1B	≥80		20.00 s	2.0 s
DSST NATW 9 W/825 GU10	825	1B	≥80		20.00 s	2.0 s
DSST NATW 9 W/840 E14	840	1B	≥80	0.60	20.00 s	0.3 s
DSST NATW 9 W/840 G9	840	1B	≥80	0.60	20.00 s	2.0 s
DSST NATW 9 W/840 GU10	840	1B	≥80	0.60	20.00 s	2.0 s

Product family datasheet

Product description	Power factor λ	Operating frequency	Product weight	Nominal current	Mercury-free	Lamp mercury content
DSST NATW 5 W/825 E14	0.55	50...60 Hz	33.00 g	0.05 A	No	1.8 mg
DSST NATW 5 W/825 G9	0.55	50...60 Hz	24.00 g	0.05 A	No	1.8 mg
DSST NATW 5 W/825 GU10	0.55	50...60 Hz	26.00 g	0.05 A	No	1.8 mg
DSST NATW 5 W/840 E14	0.55	50...60 Hz	33.00 g	0.05 A	No	1.8 mg
DSST NATW 5 W/840 G9	0.55	50...60 Hz	33.00 g	0.05 A	No	1.8 mg
DSST NATW 5 W/840 GU10	0.55	50...60 Hz	26.00 g	0.05 A	No	1.8 mg
DSST NATW 9 W/825 E14	0.55	50...60 Hz	35.00 g	0.09 A	No	1.8 mg
DSST NATW 9 W/825 G9	0.55	50...60 Hz	28.00 g	0.09 A	No	1.8 mg
DSST NATW 9 W/825 GU10	0.55	50...60 Hz	30.00 g	0.09 A	No	1.8 mg
DSST NATW 9 W/840 E14	0.55	50...60 Hz	35.00 g	0.09 A	No	1.8 mg
DSST NATW 9 W/840 G9	0.55	50...60 Hz	33.00 g	0.09 A	No	1.8 mg
DSST NATW 9 W/840 GU10	0.55	50...60 Hz	30.00 g	0.09 A	No	1.8 mg

Product description	Dimmable	Appropriate disposal acc. to WEEE	ILCOS	Cleaning instruction in case of breakage
DSST NATW 5 W/825 E14	No	Yes	FB-5/825-220/240-E14	What to do if a lamp containing mercury breaks?
DSST NATW 5 W/825 G9	No	Yes	FB-5/825-220/240-G9	What to do if a lamp containing mercury breaks?
DSST NATW 5 W/825 GU10	No	Yes	FB-5/825-220/240-GU10	What to do if a lamp containing mercury breaks?

Product family datasheet

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DSST NATW 5 W/840 E14	No	Yes	FB-5/840-220/240-E14	What to do if a lamp containing mercury breaks?
DSST NATW 5 W/840 G9	No	Yes	FB-5/840-220/240-G9	What to do if a lamp containing mercury breaks?
DSST NATW 5 W/840 GU10	No	Yes	FB-5/840-220/240-GU10	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/825 E14	No	Yes	FB-9/825-220/240-E14	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/825 G9	No	Yes	FB-9/825-220/240-G9	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/825 GU10	No	Yes	FB-9/825-220/240-GU10	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/840 E14	No	Yes	FB-9/840-220/240-E14	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/840 G9	No	Yes	FB-9/840-220/240-G9	What to do if a lamp containing mercury breaks?
DSST NATW 9 W/840 GU10	No	Yes	FB-9/840-220/240-GU10	What to do if a lamp containing mercury breaks?

Product family datasheet

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.

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.