
Product family datasheet

OSRAM DULUX S

Short CFLni, with 2-pin base for CCG operation



Areas of application

- Ideal for cost-effective creative illumination and decoration
- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants

Product benefits

- Extremely economical
- Good quality of light
- Extremely low profile
- Long service life
- Improved maintenance

Product features

- Average life: 10,000 h
- Color rendering index R_a for lamps with white light: 80...89
- Also available in red, green and blue
- Short and compact pin-base lamps with single-turn tubes
- Single-ended two-pin plug-in G23 base



Product family datasheet

Technical data

Product description	Electrical data			Photometrical data		
	Nominal wattage	Rated wattage	Nominal voltage	Nominal luminous flux	Light color (designation)	Luminous flux at
DULUX S 5 W/827	5.00 W	5.40 W		257 lm	LUMILUX INTERNA	250 lm
DULUX S 5 W/840	5.00 W	5.40 W		250 lm	LUMILUX Cool White	250 lm
DULUX S 7 W/827	7.00 W	7.10 W		400 lm	LUMILUX INTERNA	400 lm
DULUX S 7 W/830	7.00 W	7.10 W		400 lm	LUMILUX Warm White	400 lm
DULUX S 7 W/840	7.00 W	7.10 W		400 lm	LUMILUX Cool White	400 lm
DULUX S 9 W/827	9.00 W	8.70 W	60 V	600 lm	LUMILUX INTERNA	600 lm
DULUX S 9 W/830	9.00 W	8.70 W	60 V	600 lm	LUMILUX Warm White	600 lm
DULUX S 9 W/840	9.00 W	8.70 W		600 lm	LUMILUX Cool White	600 lm
DULUX S 9 W/865 G23	9.00 W	8.70 W		570 lm	LUMILUX DE LUXE Cool Daylight	570 lm
DULUX S 11 W/827	11.00 W	11.80 W		900 lm	LUMILUX INTERNA	900 lm
DULUX S 11 W/830	11.00 W	11.80 W		900 lm	LUMILUX Warm White	900 lm
DULUX S 11 W/840	11.00 W	11.80 W		900 lm	LUMILUX Cool White	900 lm

Product description	Rated luminous flux	Rated color temperature	Color rendering index Ra	Rated LLMF at 2,000 h	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h
DULUX S 5 W/827	257 lm	2700 K	≥80	0.85	0.80	0.77
DULUX S 5 W/840	257 lm	4000 K	≥80	0.85	0.80	0.77
DULUX S 7 W/827	402 lm	2700 K	≥80	0.85	0.80	0.77
DULUX S 7 W/830	402 lm	3000 K	≥80	0.85	0.80	0.77
DULUX S 7 W/840	402 lm	4000 K	≥80	0.85	0.80	0.77
DULUX S 9 W/827	600 lm	2700 K	≥80	0.85	0.80	0.77
DULUX S 9 W/830	600 lm	3000 K	≥80	0.85	0.80	0.77
DULUX S 9 W/840	600 lm	4000 K	≥80	0.85	0.80	0.77

Product family datasheet

Product description	Rated luminous flux	Rated color temperature	Color rendering index Ra	Rated LLMF at 2,000 h	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h
DULUX S 9 W/865 G23	570 lm	6500 K	≥80	0.77	0.72	0.69
DULUX S 11 W/827	900 lm	2700 K	≥80	0.85	0.80	0.77
DULUX S 11 W/830	900 lm	3000 K	≥80	0.85	0.80	0.77
DULUX S 11 W/840	900 lm	4000 K	≥80	0.85	0.80	0.77

Product description	Rated LLMF at 8,000 h	Dimensions & weight				
		Overall length	Length	Length acc. to IEC standard	Length with base excl. base pins/connection	Outer bulb
DULUX S 5 W/827	0.75	106.0 mm	108.0 mm	85 mm	85.00 mm	T12
DULUX S 5 W/840	0.75	106.0 mm	108.0 mm	85 mm	85.00 mm	T12
DULUX S 7 W/827	0.75	135.0 mm	137.0 mm	115 mm	114.00 mm	T12
DULUX S 7 W/830	0.75	135.0 mm	137.0 mm	115 mm	114.00 mm	T12
DULUX S 7 W/840	0.75	135.0 mm	137.0 mm	115 mm	114.00 mm	T12
DULUX S 9 W/827	0.75	165.0 mm	167.0 mm	145 mm	144.00 mm	T12
DULUX S 9 W/830	0.75	165.0 mm	167.0 mm	145 mm	144.00 mm	T12
DULUX S 9 W/840	0.75	165.0 mm	167.0 mm	145 mm	144.00 mm	T12
DULUX S 9 W/865 G23	0.68	165.0 mm	167.0 mm	145 mm	144.00 mm	T12
DULUX S 11 W/827	0.75	235.0 mm	237.0 mm	215 mm	214.00 mm	T12
DULUX S 11 W/830	0.75	235.0 mm	237.0 mm	215 mm	214.00 mm	T12
DULUX S 11 W/840	0.75	235.0 mm	237.0 mm	215 mm	214.00 mm	T12

Product description	Maximum diameter	Diameter	Lifespan			
			Nominal lamp life time	Rated lamp life time	Service life	Rated lamp survival factor at 2,000 h
DULUX S 5 W/827	12.0 mm		10000 h	10000 h	6500 h	0.99

Product family datasheet

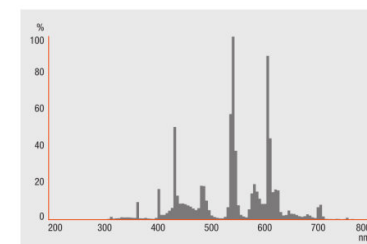
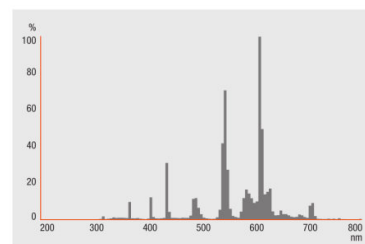
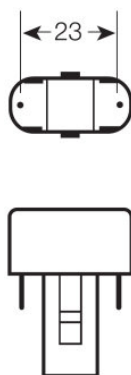
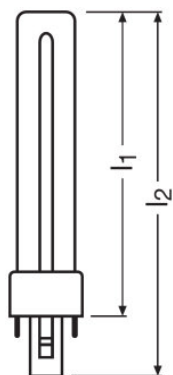
Product description	Maximum diameter	Diameter	Lifespan			
			Nominal lamp life time	Rated lamp life time	Service life	Rated lamp survival factor at 2,000 h
DULUX S 5 W/840	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 7 W/827	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 7 W/830	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 7 W/840	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 9 W/827	12.0 mm	12.0 mm	10000 h	10000 h	6500 h	0.99
DULUX S 9 W/830	12.0 mm	12.0 mm	10000 h	10000 h	6500 h	0.99
DULUX S 9 W/840	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 9 W/865 G23	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 11 W/827	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 11 W/830	12.0 mm		10000 h	10000 h	6500 h	0.99
DULUX S 11 W/840	12.0 mm		10000 h	10000 h	6500 h	0.99

Product description	Rated lamp survival factor at 4,000 h	Rated lamp survival factor at 6,000 h	Rated lamp survival factor at 8,000 h	Operation mode LLMF/LSF	Lifespan	Additional product data
						Base (standard designation)
DULUX S 5 W/827	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 5 W/840	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 7 W/827	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 7 W/830	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 7 W/840	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 9 W/827	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 9 W/830	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 9 W/840	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 9 W/865 G23	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 11 W/827	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 11 W/830	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23
DULUX S 11 W/840	0.99	0.95	0.81	50 Hz	10000 h ¹⁾	G23

Product family datasheet

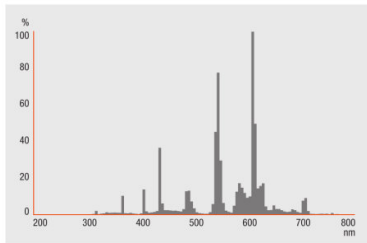
Product description	Mercury content	Certificates & standards		Country specific categorizations
		Energy efficiency class	Energy consumption	ILCOS
DULUX S 5 W/827	1.3 mg	B	8 kWh/1000h	FSD-5/827-I-G23
DULUX S 5 W/840	1.3 mg	B	8 kWh/1000h	FSD-5/840-I-G23
DULUX S 7 W/827	1.3 mg	B	10 kWh/1000h	FSD-7/827-I-G23
DULUX S 7 W/830	1.3 mg	B	10 kWh/1000h	FSD-7/830-I-G23
DULUX S 7 W/840	1.3 mg	B	10 kWh/1000h	FSD-7/840-I-G23
DULUX S 9 W/827	1.3 mg	A	12 kWh/1000h	FSD-9/827-I-G23
DULUX S 9 W/830	1.3 mg	A	12 kWh/1000h	FSD-9/830-I-G23
DULUX S 9 W/840	1.3 mg	A	12 kWh/1000h	FSD-9/840-I-G23
DULUX S 9 W/865 G23	1.3 mg	A	12 kWh/1000h	FSD-9/865-I-G23
DULUX S 11 W/827	1.3 mg	A	15 kWh/1000h	FSD-11/827-I-G23
DULUX S 11 W/830	1.3 mg	A	15 kWh/1000h	FSD-11/830-I-G23
DULUX S 11 W/840	1.3 mg	A	15 kWh/1000h	FSD-11/840-I-G23

¹⁾ With CCG/LLCG

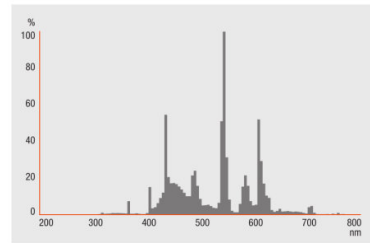


Product family datasheet

DULUX S 5 W/827, DULUX S 5 W/840,
DULUX S 7 W/827, DULUX S 7 W/830,
DULUX S 7 W/840, DULUX S 9 W/827,
DULUX S 9 W/830, DULUX S 9 W/840,
DULUX S 11 W/827, DULUX S 11
W/830, DULUX S 11 W/840



DULUX S 9 W/865 G23



DULUX S 5 W/827, DULUX S 7 W/827,
DULUX S 9 W/827, DULUX S 11 W/827

DULUX S 5 W/840, DULUX S 7 W/840,
DULUX S 9 W/840, DULUX S 11 W/840

DULUX S 7 W/830, DULUX S 9 W/830,
DULUX S 11 W/830

DULUX S 9 W/865 G23

Equipment / Accessories

– Suitable for operation on conventional control gear

Product family datasheet

Application advice

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

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300006130	DULUX S 5 W/827	Shipping carton box 10	96 mm x 125 mm x 111 mm	1.33 dm ³	299.00 g
4050300010564	DULUX S 5 W/840	Shipping carton box 10	95 mm x 128 mm x 113 mm	1.37 dm ³	299.00 g
4050300005997	DULUX S 7 W/827	Shipping carton box 10	134 mm x 126 mm x 100 mm	1.69 dm ³	347.00 g
4050300025735	DULUX S 7 W/830	Shipping carton box 10	127 mm x 148 mm x 83 mm	1.56 dm ³	351.00 g
4050300010571	DULUX S 7 W/840	Shipping carton box 10	135 mm x 140 mm x 82 mm	1.55 dm ³	347.00 g
4050300006000	DULUX S 9 W/827	Shipping carton box 10	136 mm x 174 mm x 82 mm	1.94 dm ³	421.00 g
4050300229812	DULUX S 9 W/827	Shipping carton box 50	241 mm x 183 mm x 191 mm	8.42 dm ³	1920.00 g
4050300025742	DULUX S 9 W/830	Shipping carton box 10	114 mm x 173 mm x 112 mm	2.21 dm ³	418.00 g
4050300422633	DULUX S 9 W/830	Shipping carton box 50	241 mm x 191 mm x 183 mm	8.42 dm ³	1920.00 g
4050300010588	DULUX S 9 W/840	Shipping carton box 10	113 mm x 163 mm x 126 mm	2.32 dm ³	410.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300355320	DULUX S 9 W/865 G23	Shipping carton box 50	241 mm x 183 mm x 191 mm	8.42 dm ³	1920.00 g
4050300006017	DULUX S 11 W/827	Shipping carton box 10	251 mm x 125 mm x 109 mm	3.42 dm ³	535.00 g
4050300025759	DULUX S 11 W/830	Shipping carton box 10	85 mm x 126 mm x 250 mm	2.68 dm ³	546.77 g
4050300010618	DULUX S 11 W/840	Shipping carton box 10	219 mm x 133 mm x 111 mm	3.23 dm ³	536.00 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

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

OSRAM GMBH is distribution partner
of LEDVANCE for Digital Lighting
Systems and Components

OSRAM

OSRAM GmbH
Marcel-Breuer-Strasse 6
80807 Munich, Germany