PRODUCT DATASHEET
DULUX S 7 W/840 G23

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

– Extremly 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
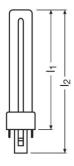– Single-ended two-pin plug-in G23 base

TECHNICAL DATA

Electrical data

Nominal wattage	7.00 W
Nominal voltage	120 V
Rated wattage	7.10 W

Photometrical data

Nominal luminous flux	400 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at 25 °C	410 lm
Rated luminous flux	400 lm
Rated color temperature	4500 K
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75
Color temperature	4500 K
Luminous flux	400 lm
Color rendering index Ra	80...89

Dimensions & weight

Diameter	12.0 mm
Overall length	135.0 mm
Length	137.0 mm
Length acc. to IEC standard	115 mm
Length with base excl. base pins/connection	114.00 mm
Outer bulb	T12
Maximum diameter	11.0 mm

Lifespan

Nominal lamp life time	8000 h
Rated lamp life time	8000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.81
Operation mode LLMF/LSF	50 Hz
Lifespan	10000 h [1]

[1] With CCG/LLCG

Additional product data

Base (standard designation)	G23
Mercury content	2.5 mg

Certificates & standards

Energy efficiency class	B
Energy consumption	10 kWh/1000h
Energy efficiency class	B

Country-specific categorizations

ILCOS	FSD-7/40/1B-I-G23

EQUIPMENT / ACCESSORIES

– Suitable for operation on conventional control gear

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321164285	DULUX S 7 W/840 G23	Shipping carton box 200	396 mm x 326 mm x 247 mm	31.89 dm³	5393.00 g
4008321664273	DULUX S 7 W/840 G23	Shipping carton box 10	190 mm x 53 mm x 152 mm	1.53 dm³	413.00 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.