

PRODUCT DATASHEET

DULUX L HE 28 W/840 2GX11

OSRAM DULUX® L HE® | CFLni, with 4-pin 2GX11 base for ECG operation, high efficiency



Areas of application

- Direct and indirect lighting
- Shops
- Hotels, restaurants
- Industry, trade and commerce
- Offices, public buildings
- Industry

Product benefits

- A new generation of highly efficient and cost-effective luminaires can now be created
- Very good luminous flux
- Good quality of light
- Optimized for indoor lighting, max. luminous flux at ambient temperature 35 °C
- Improved maintenance

Product features

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2GX11 base
- Luminous efficacy: 100 lm/W (at ambient temperature 35 °C)
- Long average life: 20,000 h (with QUICKTRONIC®)
- Dimmable (1...100 %)



- Color rendering index $R_a \geq 80$

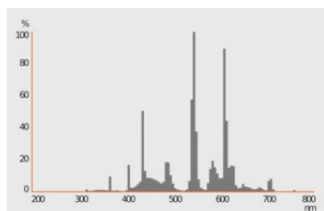
TECHNICAL DATA

Electrical data

Nominal wattage	28 W
Construction wattage	27.90 W
Nominal voltage	147 V
Nominal current	190 mA
Rated lamp efficacy (HF data 25 °C)	97

Photometrical data

Luminous flux	2700 lm
Luminous efficacy	97 lm/W
Luminous flux at 25 °C	2700 lm
Luminous flux at 35 °C	2800 lm
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Rated LLMF at 2,000 h	0.94
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.87
Rated LLMF at 16,000 h	0.82
Rated LLMF at 20,000 h	0.83
Rated lamp efficacy (HF data 25 °C)	97



Dimensions & Weight



Overall length	562.50 mm
Length with base excl. base pins/connection	566,00 mm
Diameter	18.00 mm
Tube diameter	17,5 mm
Maximum diameter	17 mm
Product weight	123.00 g

Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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Lifespan

Nominal lamp life time	20000 h
Service life	13000 h ¹⁾
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.99
Rated lamp survival factor at 6,000	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	2GX11
Mercury content	2.3 mg
Product remark	For ECG operation only

Capabilities

Suitable for indoor	Yes
Dimmable	Yes

Certificates & Standards

Energy efficiency class	A+
Energy consumption	30.69 kWh/1000h

Country-specific categorizations

ILCOS	FSDH-28/840-/P/-2G11-43,9/566
Order reference	DULUX L 28W/840




Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	2GX11
Length	565.00 mm
Height	18.00 mm
Width	18.00 mm

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction 334200_Technical guide - OSRAM DULUX pin-base
	Advertisements 333525_OSRAM DULUX with pin base Promising a more efficient future
	Advertisements 335810_OSRAM DULUX mit Stecksocket Zehn Buchstaben für eine effizientere Zukunft

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321296757	Folding box 1	26 mm x 46 mm x 598 mm	166.00 g	0.72 dm ³
4008321296764	Shipping box 10	617 mm x 140 mm x 107 mm	1840.33 g	9.24 dm ³

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.