

PRODUCT DATASHEET

DULUX F 24 W/840 2G10

OSRAM DULUX F | Flat CFLni, 2 tubes, with 4-pin base for ECG/CCG operation



AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industry

PRODUCT BENEFITS

- Very economical
- Good quality of light
- Excellent luminous efficiency
- Extremely low profile
- Long service life

PRODUCT FEATURES

- Short and compact pin-base lamp with double-turn tubes
- Single-ended four-pin plug-in 2G10 base
- Color rendering index $R_a: \geq 80$



TECHNICAL DATA

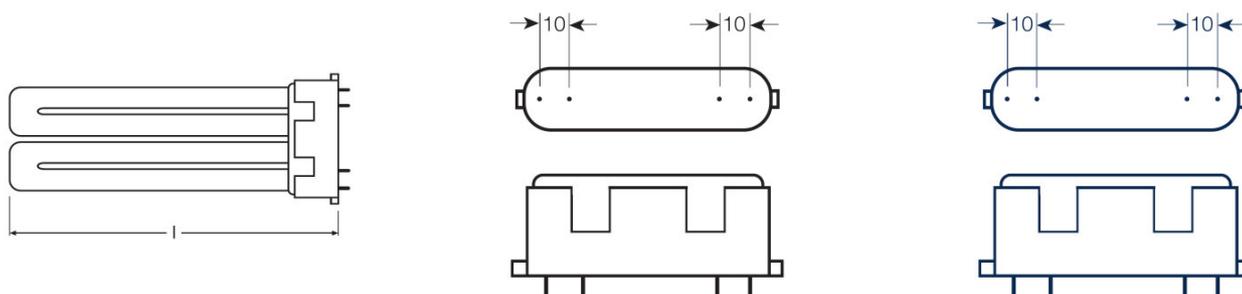
Electrical data

Nominal voltage	87 V
Rated wattage	24.00 W
Nominal wattage	24.00 W
Nominal current	0.34 A

Photometrical data

Nominal luminous flux	1700 lm
Luminous flux at 25 °C	1700 lm
Rated luminous flux	1700 lm
Rated color temperature	4000 K
Color rendering index Ra	≥80
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.77
Luminance	2.5 cd/cm ²
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Luminous flux	1700 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	17.5 mm
Overall length	170.0 mm
Tube diameter	17.5 mm
Length	170.0 mm
Length acc. to IEC standard	165 mm

Outer bulb	T16
Maximum diameter	17.0 mm

Temperatures & operating conditions

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

Nominal lamp life time	13000 h
Rated lamp life time	13000 h
Service life	9000 h ¹⁾
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	0.99
Rated lamp survival factor at 8,000 h	0.95
Rated lamp survival factor at 12,000 h	0.64
Operation mode LLMF/LSF	HF
Lifespan	10000 h ¹⁾

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	2G10
Mercury content	2.5 mg

Capabilities

Suitable for indoor	Yes
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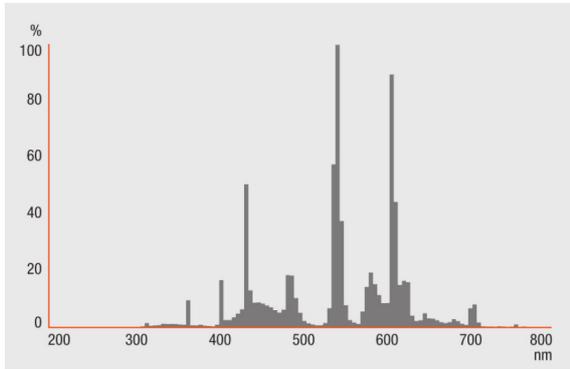
Certificates & standards

Energy consumption	27 kWh/1000h
Energy efficiency class	G

Country-specific categorizations

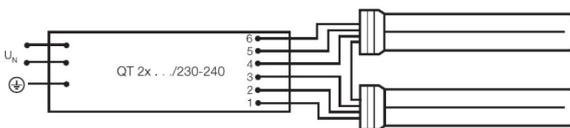
ILCOS	FSD-24/840-E-2G10-90/165
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Light Distribution

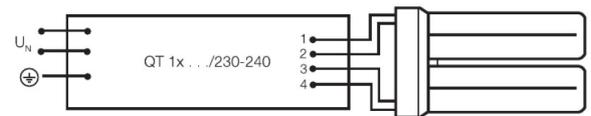


Spectral power distribution

Wiring Diagram



Wiring diagram



Wiring diagram