

PRODUCT DATASHEET

DULUX F 18 W/4000K 200 mm

OSRAM DULUX F LED EM & AC MAINS | LED replacement for flat CFLni, 2 tubes, with 4-pin 2G10 base for CCG and AC mains operation



AREAS OF APPLICATION

- Offices
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G10 base



TECHNICAL DATA

Electrical data

Rated wattage	18.00 W
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	100
Max. lamp no. on circuit break. B10 A - CCG without compensation	100
Max. lamp no. on circuit break. B10 A - CCG with compensation	100
Max. lamp no. on circuit break. B16 A - CCG without compensation	160
Max. lamp no. on circuit break. B16 A - CCG with compensation	160
Max. lamp no. on circuit break. 16 A (B)	160
Operating frequency	50/60 Hz
Power factor λ	> 0.90

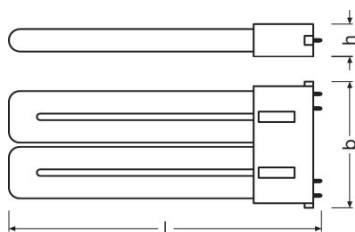
Photometrical data

Nominal luminous flux	2500 lm
Rated luminous flux	2500 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	2500 lm
Color rendering index Ra	>80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	4000 K
Color rendering index Ra	>80

Light technical data

Warm-up time (60 %)	< 0.50 s
Beam angle	130 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	215.0 mm
Diameter	17.0 mm
Outer bulb	-
Length	215.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	70 °C

Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	200000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	2G10
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	18 kWh/1000h

Country-specific categorizations

Order reference

DULUX F36LED 18

SAFETY ADVICE

Only suitable for temperatures of up to 50°C inside of the luminaire.

Not suitable for tandem operation.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075408265	Folding carton box 1	92 mm x 27 mm x 242 mm	189.00 g	0.60 dm ³
4058075408272	Shipping carton box 10	194 mm x 146 mm x 259 mm	2054.00 g	7.34 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.