
Product datasheet

DULUX L LED HF 1800 W/840 2G11

OSRAM DULUX L LED HF | Special LED lamps



- Offices, public buildings Shops Hotels, restaurants
Industry Outdoor applications only in suitable luminaires

- Quick, simple and safe replacement Simple replacement thanks to similar design as conventional compact fluorescent lamps
Low energy consumption Operation directly on 230 V AC mains possible



Technical data

Electrical data

| | |
|--|-------------|
| Rated wattage | 18.00 W |
| Nominal wattage | 18.00 W |
| Nominal voltage | 220...240 V |
| Operating frequency | 50/60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 100 |
| Max. lamp no. on circuit break. 16 A (B) | 160 |
| Nominal current | 0.1 A |
| Claimed equiv. conventional lamp power | 36 W |

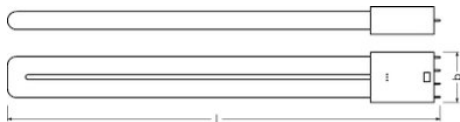
Photometrical data

| | |
|---|------------|
| Nominal luminous flux | 2300 lm |
| Rated luminous flux | 2300 lm |
| Rated color temperature | 4000 K |
| Color rendering index Ra | >80 |
| Light color (designation) | Cool White |
| Standard deviation of color matching | ≤6 sdcn |
| Color temperature | 4000 K |
| Luminous flux | 2300 lm |
| Lumen main.fact.at end of nom.life time | 0.70 |

Light technical data

| | |
|---------------|---------|
| Beam angle | 140 ° |
| Starting time | < 0.5 s |

Dimensions & weight



| | |
|----------------|----------|
| Overall length | 413.0 mm |
|----------------|----------|

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| | |
|----------------|----------|
| Diameter | 44.0 mm |
| Outer bulb | - |
| Product weight | 135.00 g |
| Length | 413.0 mm |

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °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) | 2G11 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Design / version | Frosted |
| Appropriate disposal acc. to WEEE | Yes |

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & standards

| | |
|-------------------------|--------------|
| Energy efficiency class | E |
| Energy consumption | 10 kWh/1000h |
| Type of protection | IP20 |

Country specific categorizations

| | |
|-----------------|-----------------|
| Order reference | DULUX L36LED 18 |
|-----------------|-----------------|

Environmental information

| | |
|---|-------------------------------|
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
| Date of Declaration | 18-04-2022 |
| Primary Article Identifier | 4058075135420 4058075557833 |
| Declaration No. in SCIP database | In work |

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|-----------------------------------|--|---|----------------------|--------------|
| 4058075557833 | DULUX L LED HF 1800 W/840 2G11 | Shipping carton box 10 Pieces Folding carton box | 470 mm x 243 mm x 74 mm | 8.45 dm ³ | 2288.00 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.

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OSRAM

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