PHILIPS Lighting

MASTER TL-D Super 80

TL-D 36W/830 1SL/25

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

Warnings and Safety

• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

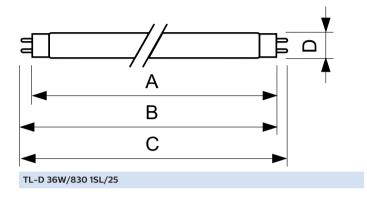
| General information | | Operating and electrical | | |
|------------------------------------|----------------------------------|----------------------------|------------------|--|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] | Power (Nom) | 36 W | |
| Life To 10% Failures (Nom) | 10000 h | Lamp Current (Nom) | 0.440 A | |
| Life to 50% Failures (Nom) | 15000 h | Voltage (Nom) | 103 V | |
| Life to 50% Failures Preheat (Nom) | 20000 h | | | |
| | | Controls and dimming | | |
| Light technical | | Dimmable | Yes | |
| Color Code | 830 [CCT of 3000K] | | | |
| Luminous Flux (Rated) (Nom) | 3250 lm | Mechanical and housing | | |
| Color Designation | Warm White (WW) | Cap-Base Information | Green Cap | |
| Lumen Maintenance 2000 h (Nom) | 96 % | Bulb Shape | T8 [26 mm (T8)] | |
| Lumen Maintenance 5000 h (Nom) | 94 % | | | |
| Correlated Color Temperature (Nom) | 3000 K | Approval and application | | |
| Luminous Efficacy (rated) (Nom) | 90 lm/W | Mercury (Hg) Content (Nom) | 2.0 mg | |
| Color Rendering Index (Nom) | 83 | | | |
| | | Product data | | |
| | | Full product code | 871829125420100 | |

MASTER TL-D Super 80

| Order product name | TL-D 36W/830 1SL/25 | | |
|---------------------------------|---------------------|--|--|
| EAN/UPC - Product | 8718291254201 | | |
| Order code | 927981383024 | | |
| Numerator - Quantity Per Pack | 1 | | |
| Numerator - Packs per outer box | 25 | | |

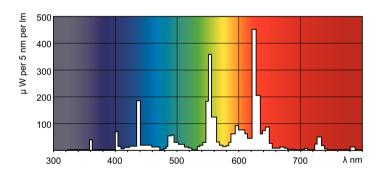
| Material Nr. (12NC) | 927981383024 | | |
|---------------------|--------------|--|--|
| Net Weight (Piece) | 0.140 kg | | |

Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------|---------|-----------|-----------|-----------|-----------|
| TL-D 36W/830 1SL/25 | 28 mm | 1199.4 mm | 1206.5 mm | 1204.1 mm | 1213.6 mm |

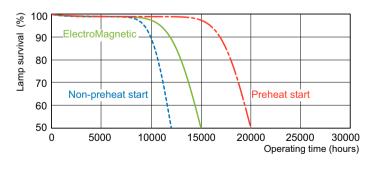
Photometric data



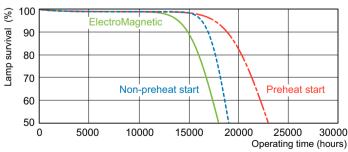
LDPB_TL-D8G_830-Spectral power distribution B/W

LDPO_TL-D8G_830-Spectral power distribution Colour

Lifetime



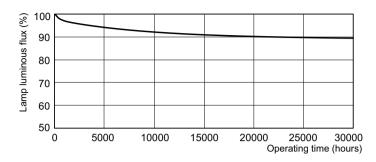
LDLE_TL-D8G_0001-Life expectancy diagram



LDLE_TL-D8G_0002-Life expectancy diagram

MASTER TL-D Super 80

Lifetime



LDLM_TL-D8G_0001-Lumen maintenance diagram



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www.lighting.philips.com 2022, January 14 - data subject to change