



MASTER TL-D 90 Graphica



MASTER TL-D 90 Graphica 58W/965 1SL/10

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

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 | |
|------------------------------------|----------------------------------|
| Cap-Base | G13 [Medium Bi-Pin Fluorescent] |
| Life To 10% Failures (Nom) | 6000 h |
| Life to 50% Failures (Nom) | 8000 h |
| Life to 50% Failures Preheat (Nom) | 10000 h |
| LSF 2000 h Rated | 99 % |
| LSF 4000 h Rated | 99 % |
| LSF 6000 h Rated | 99 % |
| LSF 8000 h Rated | 99 % |
| LSF 12000 h Rated | 89 % |
| LSF 16000 h Rated | 33 % |
| LSF 20000 h Rated | 2 % |
| Flux measurement reference | Sphere |
| Light technical | |
| Colour Code | 965 [CCT of 6500K] |
| Luminous Flux (Nom) | 3625 lm |
| Colour Designation | Cool Daylight |
| Chromaticity Coordinate X (Nom) | 0.313 |

| Chromaticity Coordinate Y (Nom) | 0.337 |
|--------------------------------------|-----------|
| Colour Temperature, horizontal (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 60.8 lm/W |
| Colour Rendering Index horiz (Nom) | 97 |
| Depreciation 2000 hrs | 93 % |
| LLMF 4000 h Rated | 90 % |
| Depreciation 5000 hrs | 88 % |
| LLMF 8000 h Rated | 85 % |
| LLMF 12000 h Rated | 82 % |
| LLMF 16000 h Rated | 80 % |
| LLMF 20000 h Rated | 78 % |
| Operating and electrical | |
| Power (Rated) (Nom) | 59.6 W |
| Lamp Current (Nom) | 0.670 A |
| Temperature | |
| Design Temperature (Nom) | 25 °C |

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Controls and dimming

Dimmable Yes

Mechanical and housing

Bulb Shape T8 [26 mm (T8)]

Approval and application

Energy Efficiency Class G
 Mercury (Hg) Content (Nom) 1.7 mg
 Energy Consumption kWh/1000 h 60 kWh
 EPREL Registration Number 423533

Product data

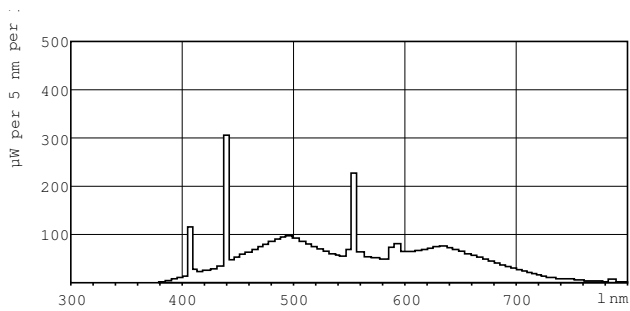
Full product code 871150088877825
 Order product name MASTER TL-D 90 Graphica 58W/965 SLV/10
 EAN/UPC - Product 8711500888778
 Order code 88877825
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 10
 Material Nr. (12NC) 928045296581
 Net Weight (Piece) 167.000 g
 ILCOS Code FD-58/65/1A-E-G13

Dimensional drawing

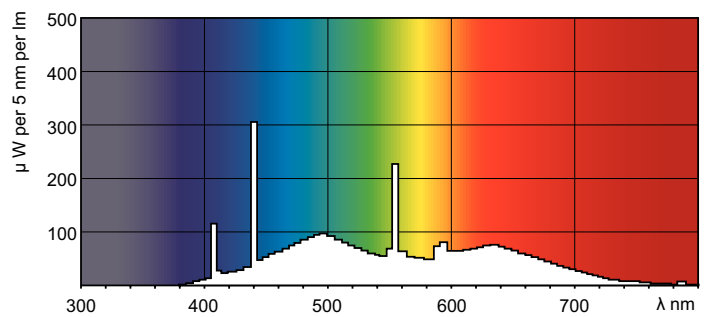
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL-D 90 Graphica 58W/965 SLV/10 | 28 mm | 1500.0 mm | 1507.1 mm | 1504.7 mm | 1514.2 mm |

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Photometric data



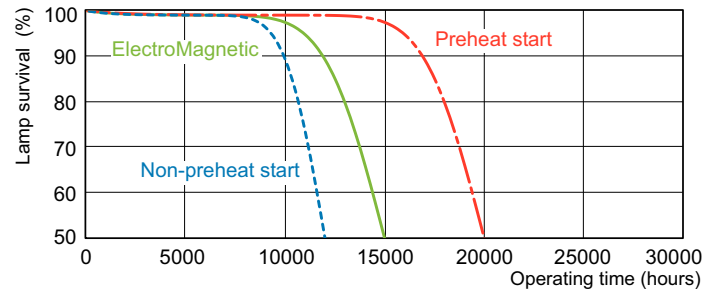
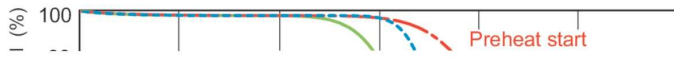
Lightcolour TL-D Graphica /965



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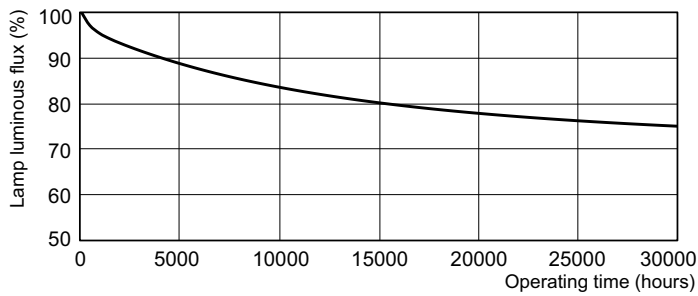
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Lifetime



LDLE_TL-D9HCR_0002-Life expectancy diagram

LDLE_TL-D9HCR_0001-Life expectancy diagram



LDLM_TL-D9HCR_0001-Lumen maintenance diagram

