



MASTER TL5 High Output

MASTER TL5 HO 49W/865 1SL/40

Low-pressure mercury discharge lamps with a tubular 16 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 | G5 [G5] |
| Life to 50% failures preheat (nom.) | 30000 h |
| Features | na [Not Applicable] |
| System description | High Output (HO) |
| LSF preheat 2,000 hours rated | 99 % |
| LSF preheat 4,000 hours rated | 99 % |
| LSF preheat 6,000 hours rated | 99 % |
| LSF preheat 8,000 hours rated | 99 % |
| LSF preheat 16,000 hours rated | 97 % |
| LSF preheat 20,000 hours rated | 84 % |

| Light Technical | |
|--|-----------------------|
| Colour Code | 865 [CCT of 6,500 K] |
| Luminous flux (nom.) | 4550 lm |
| Luminous flux (rated) (nom.) | 4075 lm |
| Colour designation | Cool Daylight |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 92 lm/W |
| Correlated Colour Temperature (Nom) | 6500 K |

| Operating and Electrical | |
|--------------------------|---------|
| Power (Rated) (Nom) | 49.2 W |
| Lamp current (nom.) | 0.255 A |

| Temperature | |
|---------------------------|-------|
| Design temperature (nom.) | 35 °C |

| | |
|----------------------------------|---------|
| Luminous efficacy (rated) (nom.) | 83 lm/W |
| Color rendering index (max.) | 85 |
| Colour-rendering index (min.) | 80 |
| Colour rendering index (nom.) | 82 |
| LLMF 2000 h Rated | 96 % |
| LLMF 4000 h Rated | 95 % |
| LLMF 6000 h Rated | 94 % |
| LLMF 8000 h Rated | 93 % |
| LLMF 12000 h Rated | 92 % |
| LLMF 16000 h Rated | 91 % |
| LLMF 20000 h Rated | 90 % |

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Controls and Dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

| | |
|----------------------|-------------|
| Cap-base information | Green Plate |
|----------------------|-------------|

Approval and Application

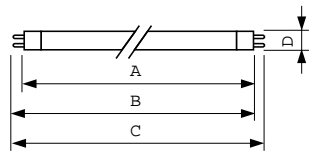
| | |
|------------------------------------|--------|
| Energy efficiency label (EEL) | A+ |
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy consumption kWh/1,000 hours | 54 kWh |

Product Data

| | |
|-------------------|-----------------|
| Full product code | 871150064389655 |
|-------------------|-----------------|

| | |
|-----------------------------------|------------------------------|
| Order product name | MASTER TL5 HO 49W/865 SLV/40 |
| EAN/UPC – product | 8711500643896 |
| Order code | 64389655 |
| Local code | 49865 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12 NC) | 927927586555 |
| SAP net weight (piece) | 127.400 g |
| ILCOS code | FDH-49/65/1B-L/P-G5-16/1450 |

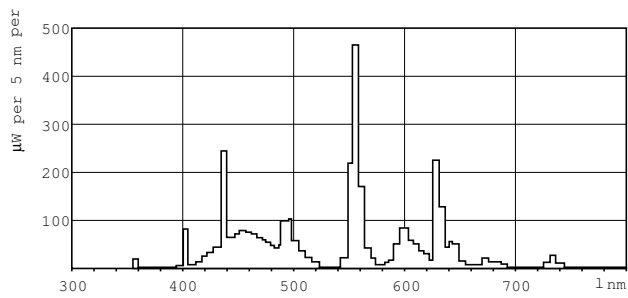
Dimensional drawing



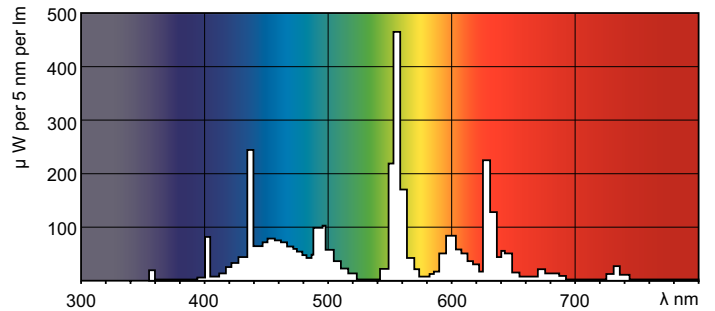
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HO 49W/865 SLV/40 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

TL5 HO 49W/865

Photometric data



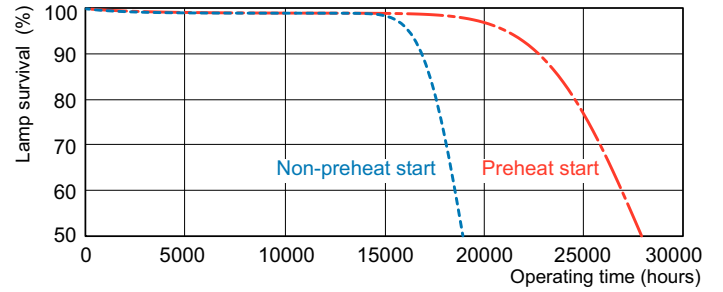
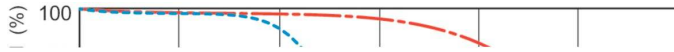
Lightcolour /865



Lightcolour /865

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Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

