



MASTER TL5 High Efficiency



MASTER TL5 HE 35W/830 SLV/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.) | 24000 h | | |
| Features | na [Not Applicable] | | |
| System description | High Efficiency | | |
| 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 % | | |
| | Sphere | | |
| | | | |
| Light Technical | | | |
| Colour Code | 830 [CCT of 3,000 K] | | |
| Luminous flux (nom.) | 3315 lm | | |
| Luminous flux (rated) (nom.) | 3325 lm | | |
| Colour designation | Warm white (WW) | | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 104 lm/W | | |
| | | | |

| Chromaticity coordinate X (nom.) | 0.44 | | |
|-------------------------------------|---------|--|--|
| Chromaticity coordinate Y (nom.) | 0.403 | | |
| Correlated Colour Temperature (Nom) | 3000 K | | |
| Luminous efficacy (rated) (nom.) | 94 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 % | | |
| | | | |
| Operating and Electrical | | | |
| Power (Rated) (Nom) | 34.9 W | | |
| Lamp current (nom.) | 0.175 A | | |
| | | | |

Datasheet, 2022, March 23 data subject to change

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| Temperature | | | | |
|------------------------------------|------------------|--------|--|--|
| Design temperature (nom.) | 35 ℃ | | | |
| | | | | |
| Controls and Dimming | | | | |
| Dimmable | Yes | | | |
| | | | | |
| Mechanical and Housing | | | | |
| Cap-base information | Green Plate | | | |
| Bulb shape | T5 [16 mm (T5)] | | | |
| | | | | |
| Approval and Application | | | | |
| Energy Efficiency Class | F | F | | |
| Mercury (Hg) content (max.) | 1.4 mg | 1.4 mg | | |
| Mercury (Hg) content (nom.) | 1.4 mg | 1.4 mg | | |
| Energy consumption kWh/1,000 hours | 35 kWh | | | |

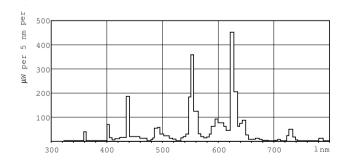
| | 423541 | | |
|-----------------------------------|------------------------------|--|--|
| | | | |
| Product Data | | | |
| Full product code | 871150063950955 | | |
| Order product name | MASTER TL5 HE 35W/830 SLV/40 | | |
| EAN/UPC – product | 8711500639509 | | |
| Order code | 63950955 | | |
| SAP numerator – quantity per pack | 1 | | |
| Numerator – packs per outer box | 40 | | |
| SAP material | 927927083055 | | |
| SAP net weight (piece) | 127.400 g | | |
| ILCOS code | FDH-35/30/1B-L/P-G5-16/1450 | | |
| | | | |

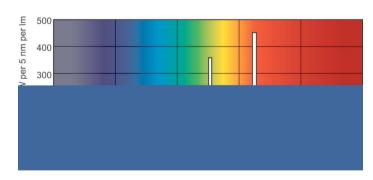
Dimensional drawing

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|----------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |
| 35W/830 SLV/40 | | | | | |

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Photometric data



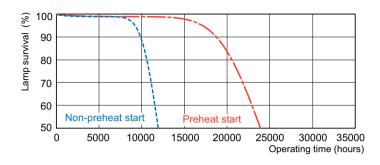


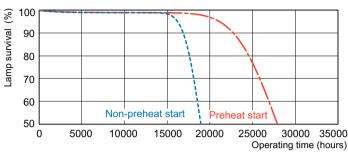
Lightcolour /830

Lightcolour /830

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Lifetime





LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram



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