



MASTER TL5 High Efficiency

MASTER TL5 HE 21W/840 1SL/20

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

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 2000 h Rated | 99 % |
| LSF Preheat 4000 h Rated | 99 % |
| LSF Preheat 6000 h Rated | 99 % |
| LSF Preheat 8000 h Rated | 99 % |
| LSF Preheat 16000 h Rated | 97 % |
| LSF Preheat 20000 h Rated | 84 % |

| Light Technical | |
|--|-----------------------|
| Colour code | 840 [CCT of 4,000 K] |
| Luminous flux (nom.) | 2100 lm |
| Luminous flux (rated) (nom.) | 1850 lm |
| Colour designation | Cool White (CW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 101 lm/W |
| Correlated colour temperature (nom.) | 4000 K |
| Luminous efficacy (rated) (nom.) | 90 lm/W |
| Color rendering index (max.) | 85 |
| Color rendering index (min.) | 80 |
| Color 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) | 20.6 W |
| Lamp current (nom.) | 0.165 A |

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

| Controls and Dimming | |
|----------------------|-----|
| Dimmable | yes |

| Mechanical and Housing | |
|------------------------|-------------|
| Cap base information | Green Plate |

| Approval and Application | |
|-------------------------------|----|
| Energy efficiency label (EEL) | A+ |

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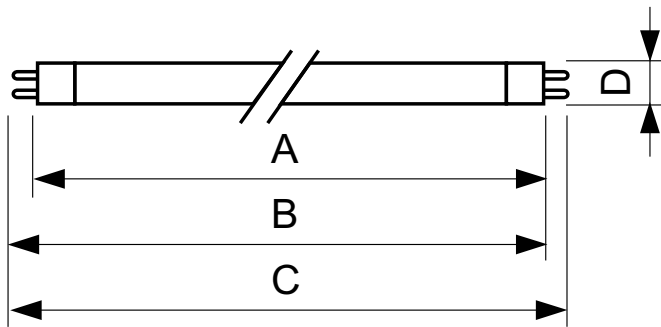
| | |
|-------------------------------|------------------------------|
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy Consumption kWh/1000 h | 23 kWh |
| Product Data | |
| Full product code | 871150063944805 |
| Order product name | MASTER TL5 HE 21W/840 SLV/20 |
| EAN/UPC – product | 8711500639448 |
| Order code | 63944805 |

| | |
|---------------------------------|----------------------------|
| Local Code | MSTTL5HE21W840 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 20 |
| Material no. (12NC) | 927926284061 |
| Net weight (piece) | 79.200 g |
| ILCOS Code | FDH-21/40/1B-L/P-G5-16/850 |

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.

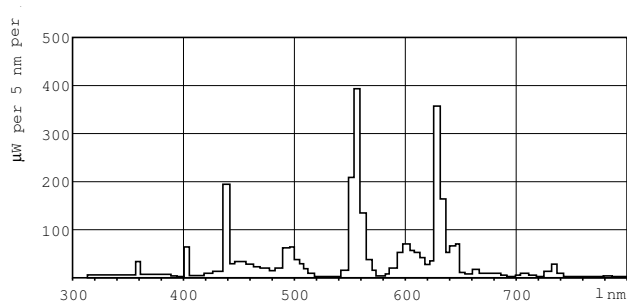
Dimensional drawing



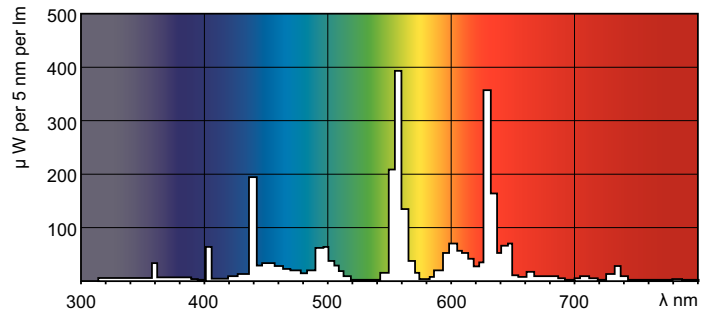
TL5 21W/840/GP HE

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|------------------------------|---------|----------|----------|----------|----------|
| MASTER TL5 HE 21W/840 SLV/20 | 17 mm | 849.0 mm | 856.1 mm | 853.7 mm | 863.2 mm |

Photometric data



Lightcolour /840



Lightcolour /840

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Lifetime

