



MASTER TL5 High Efficiency

MASTER TL5 HE 35W/827 1SL/40

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 | 827 [CCT of 2,700 K] |
| Luminous flux (nom.) | 3650 lm |
| Luminous flux (rated) (nom.) | 3325 lm |
| Colour designation | Incandescent White |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 105 lm/W |
| Correlated colour temperature (nom.) | 2700 K |
| Luminous efficacy (rated) (nom.) | 104 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) | 35.5 W |
| Lamp current (nom.) | 0.175 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 | 38 kWh |
| Product Data | |
| Full product code | 871150064324755 |
| Order product name | MASTER TL5 HE 35W/827 SLV/40 |
| EAN/UPC – product | 8711500643247 |
| Order code | 64324755 |

| | |
|---------------------------------|-----------------------------|
| Local Code | 35827 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12NC) | 927927082755 |
| Net weight (piece) | 127.400 g |
| ILCOS Code | FDH-35/27/1B-L/P-G5-16/1450 |

Warnings and Safety

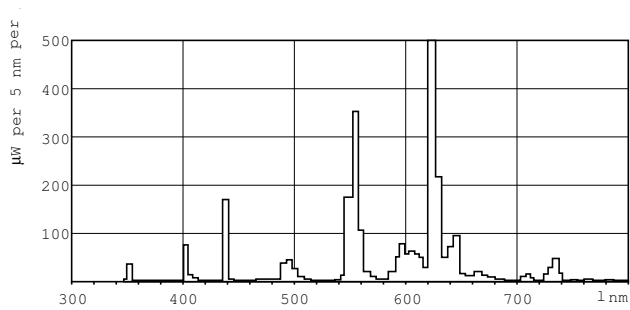
Dimensional drawing



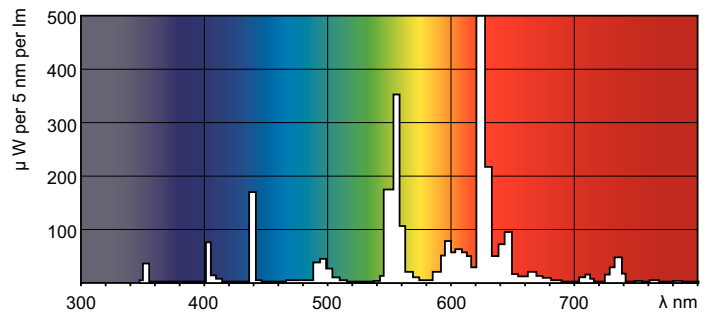
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE 35W/827 SLV/40 | 17 mm | 1449.0 mm | 1456.1 mm | 1453.7 mm | 1463.2 mm |

TL5 35W/827/GP HE

Photometric data



Lightcolour /827



Lightcolour /827

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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

