



# MASTER TL5 High Efficiency

## MASTER TL5 HE 21W/827 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                                  | 827 [ CCT of 2,700 K] |
| Lamp Luminous Flux 25°C EL (Nom)             | 1900 lm               |
| Lamp Luminous Flux (Nom)                     | 1850 lm               |
| Colour Designation                           | Incandescent White    |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 101 lm/W              |

| Chromaticity coordinate X (nom.)     | 0.463   |
|--------------------------------------|---------|
| Chromaticity coordinate Y (nom.)     | 0.42    |
| Colour Temperature, horizontal (Nom) | 2700 K  |
| Lamp Luminous Efficacy EM (Nom)      | 90 lm/W |
| Colour Rendering Index,horiz (Max)   | 85      |
| Colour Rendering Index,horiz (Min)   | 80      |
| Colour Rendering Index,horiz (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)                  | 20.8 W  |
| Lamp current (nom.)                  | 0.165 A |

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| Temperature                        |                  |
|------------------------------------|------------------|
| Design temperature (nom.)          | 35 °C            |
| 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            | G                |
| Mercury (Hg) content (nom.)        | 1.2 mg           |
| Energy consumption kWh/1,000 hours | 21 kWh           |

|                                   | 423449                       |
|-----------------------------------|------------------------------|
| Product data                      |                              |
| Full product code                 | 871150064320955              |
| Order product name                | MASTER TL5 HE 21W/827 SLV/40 |
| EAN/UPC – product                 | 8711500643209                |
| Order code                        | 927926282755                 |
| SAP numerator – quantity per pack | 1                            |
| Numerator – packs per outer box   | 40                           |
| SAP material                      | 927926282755                 |
| Copy Net Weight (Piece)           | 79.200 g                     |
| ILCOS code                        | FDH-21/27/1B-L/P-G5-16/850   |

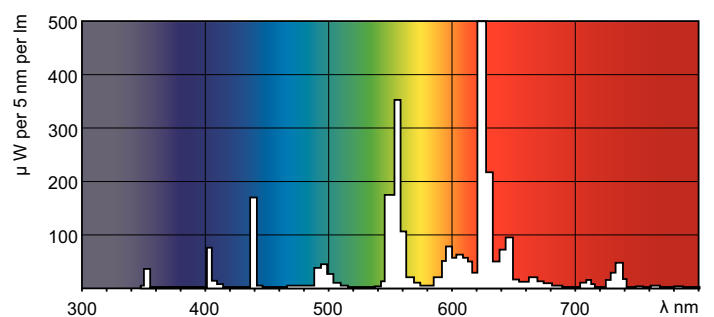
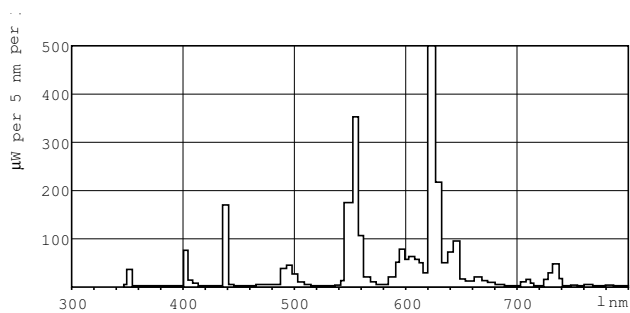
## Dimensional drawing



| Product                      | D (max) | A (max)  | B (max)  | B (min)  | C (max)  |
|------------------------------|---------|----------|----------|----------|----------|
| MASTER TL5 HE 21W/827 SLV/40 | 17 mm   | 849.0 mm | 856.1 mm | 853.7 mm | 863.2 mm |

## MASTER TL5 HE 21W/827 SLV/40

## Photometric data



## Lightcolour /827

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# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

