

# MASTER TL5 HE Secura

## MASTER TL5 HE Secura 28W/840 UNP/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope and protective coating around the lamp to prevent contamination resulting from breakage

## Product data

### • General Information

| | |
|---|---|
| Cap-Base | G5 [ G5] |
| Life To 50% Failures | 24000 h |
| Preheat (Nom) | |
| 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 4000K (841)] |
| Luminous Flux (Nom) | 2900 lm |
| Luminous Flux (Rated) (Nom) | 2625 lm |
| Colour Designation | Cool White (CW) |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 104 lm/W |
| Chromaticity Coordinate X (Nom) | 380 |
| Chromaticity Coordinate Y (Nom) | 380 |
| Colour Temperature, horizontal (Nom) | 4100 K |
| Luminous Efficacy (rated) (Nom) | 94 lm/W |
| Colour Rendering Index horiz (Max) | 85 |
| Colour Rendering Index horiz (Min) | 80 |
| Colour Rendering Index horiz (Nom) | 82 |
| Depreciation 2000 hrs | 96 % |
| LLMF 4000 h Rated | 95 % |
| Depreciation 5000 hrs | 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) | 27.9 W |
| Lamp Current (Nom) | 0.170 A |

### • Temperature

| | |
|---|---|
| Design Temperature (Nom) | 35 °C |

### • Controls and Dimming

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

### • Mechanical and Housing

| | |
|---|---|
| Cap-Base Information | Green Plate |

PHILIPS

# MASTER TL5 HE Secura

- Approval and Application

| | |
|---|---|
| Energy Efficiency Label | A+ |
| Mercury (Hg) Content (Nom) | 1.4 mg |
| Energy Consumption kWh/1000 h | 31 kWh |

- Product Data

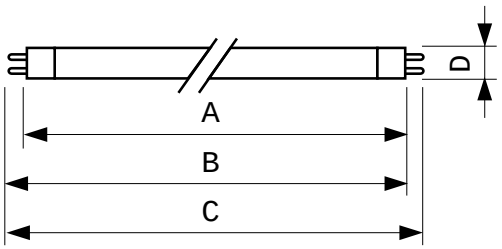
| | |
|---|---|
| Full product code | 871150095215855 |

| | |
|---|---|
| Order product name | MASTER TL5 HE Secura 28W/840 UNP/40 |
| EAN/UPC - Product | 8711500952158 |
| Order code | 95215855 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927926684018 |
| Net Weight (Piece) | 162.900 g |
| ILCOS Code | FDH-28/40/1B-L/P-G5-16/1150 |

## 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.
- It's strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

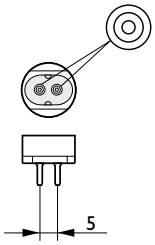
## Dimensional drawing



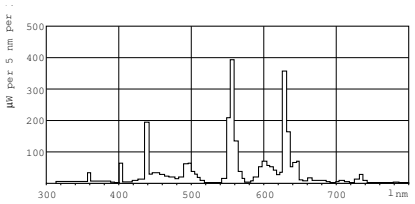

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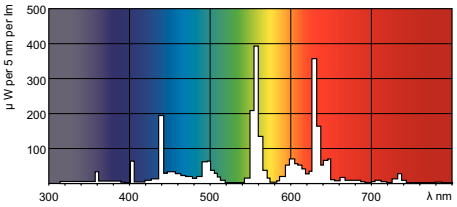
| Product | D | A | B | B | C |
|---|---|---|---|---|---|
| MASTER TL5 HE Secura 28W/840 UNP/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

G5, T5



## Photometric data




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