



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/840 SLV/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

| General Information | | Chromaticity Coordinate Y (Nom) | |
|--|----------------------|------------------------------------|---------|
| Cap-Base | G5 [G5] | Chromaticity Coordinate Y (Nom) | 380 |
| Life to 50% Failures Preheat (Nom) | 24000 h | Correlated Color Temperature (Nom) | 4000 K |
| Features | na [Not Applicable] | Luminous Efficacy (Rated) (Nom) | 94 lm/W |
| System Description | High Efficiency | Color Rendering Index (Max) | 85 |
| LSF Preheat 2000 h Rated | 99 % | Color Rendering Index (Min) | 80 |
| LSF Preheat 4000 h Rated | 99 % | Color Rendering Index (Nom) | 82 |
| LSF Preheat 6000 h Rated | 99 % | LLMF 2000 h Rated | 96 % |
| LSF Preheat 8000 h Rated | 99 % | LLMF 4000 h Rated | 95 % |
| LSF Preheat 16000 h Rated | 97 % | LLMF 6000 h Rated | 94 % |
| LSF Preheat 20000 h Rated | 84 % | LLMF 8000 h Rated | 93 % |
| | | LLMF 12000 h Rated | 92 % |
| | | LLMF 16000 h Rated | 91 % |
| | | LLMF 20000 h Rated | 90 % |
| Light Technical | | Operating and Electrical | |
| Color Code | 840 [CCT of 4000K] | Power (Rated) (Nom) | 27.9 W |
| Luminous Flux (Nom) | 2900 lm | Lamp Current (Nom) | 0.170 A |
| Luminous Flux (Rated) (Nom) | 2625 lm | | |
| Color Designation | Cool White (CW) | | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 104 lm/W | | |
| Chromaticity Coordinate X (Nom) | 380 | | |

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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+

Mercury (Hg) Content (Nom) 1.4 mg

Energy Consumption kWh/1000 h 31 kWh

Product Data

Full product code 871150063948655

Order product name MASTER TL5 HE 28W/840 SLV/40

EAN/UPC - Product 8711500639486

Order code 927926584055

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927926584055

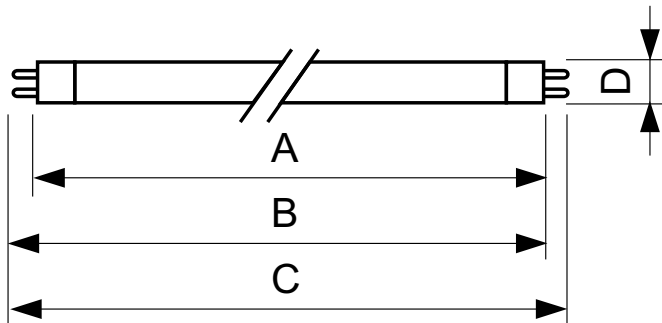
Net Weight (Piece) 105.800 g

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.

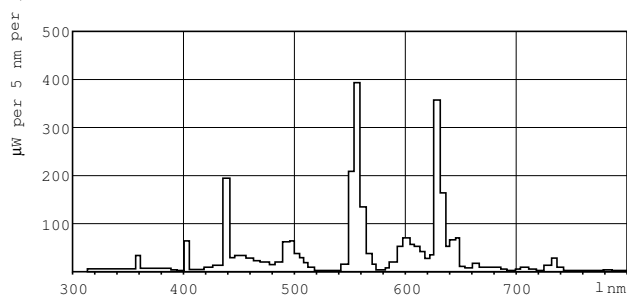
Dimensional drawing



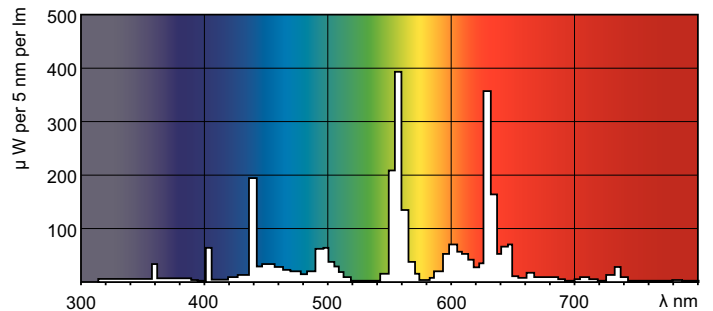
TL5 28W/840/GP HE

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE 28W/840 SLV/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

Photometric data



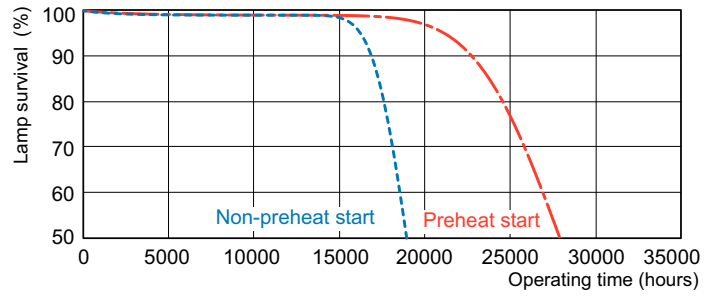
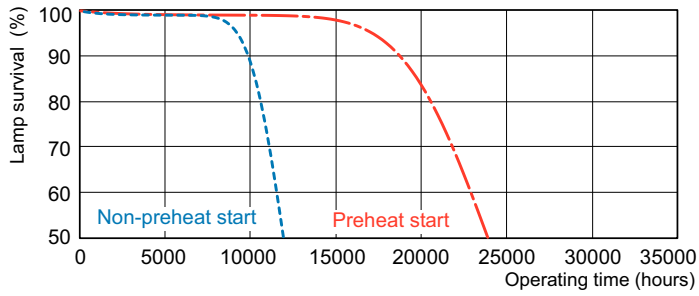
Lightcolor /840



Lightcolor /840

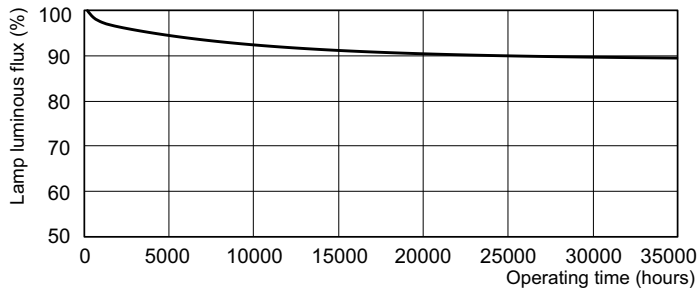
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Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle

MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

