



MASTER TL5 High Efficiency

MASTER TL5 HE 14W/840 UNP/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 | | |
|--|----------------------|------|
| 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 % | |
| 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 % |
| Light Technical | | |
| Color Code | 840 [CCT of 4000K] | |
| Luminous Flux (Nom) | 1350 lm | |
| Luminous Flux (Rated) (Nom) | 1200 lm | |
| Color Designation | Cool White (CW) | |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 99 lm/W | |
| Correlated Color Temperature (Nom) | 4000 K | |
| Luminous Efficacy (rated) (Nom) | 86 lm/W | |
| Operating and Electrical | | |
| Power (Nom) | 14 W | |
| Lamp Current (Nom) | 0.165 A | |
| Temperature | | |
| Design Temperature (Nom) | 35 °C | |

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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 | 15 kWh |

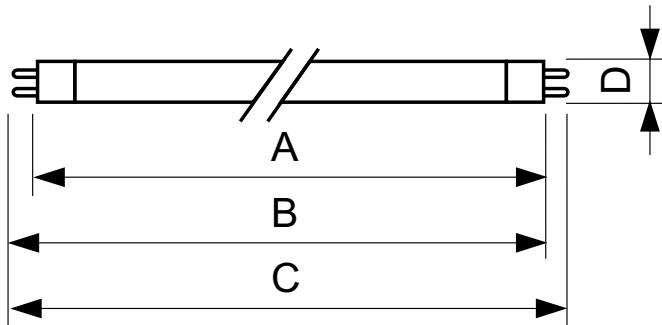
Product Data

| | |
|-------------------|-----------------|
| Full product code | 871150061066955 |
|-------------------|-----------------|

| | |
|---------------------------------|------------------------------|
| Order product name | MASTER TL5 HE 14W/840 UNP/40 |
| EAN/UPC - Product | 8711500610669 |
| Order code | 927926084018 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927926084018 |
| Net Weight (Piece) | 52.000 g |
| ILCOS Code | FDH-14/40/1B-L/P-G5-16/550 |

Warnings and Safety

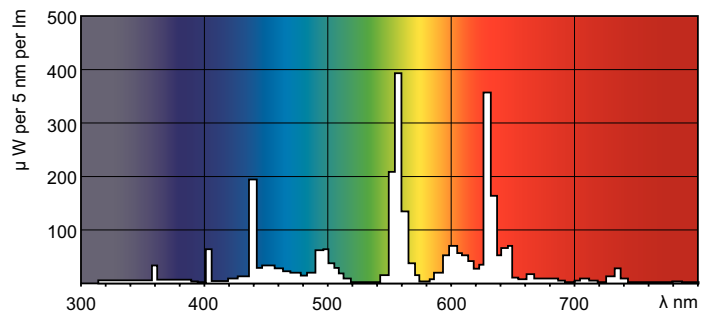
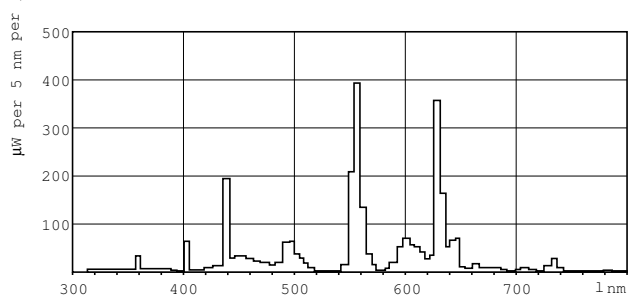
Dimensional drawing



TL5 14W/840/GP HE

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|------------------------------|---------|----------|----------|----------|----------|
| MASTER TL5 HE 14W/840 UNP/40 | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |

Photometric data



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Lifetime



LDLE_TL5-HE8_0002-Life expectancy diagram

