



MASTER TL5 High Efficiency Eco

MASTER TL5 HE Eco 25=28W/830 UNP/40

This extremely efficient TL5 lamp (tube diameter 16 mm) saves considerable energy by simple lamp-for-lamp replacement. The TL5 HE Eco lamp offers excellent lumen maintenance and colour rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

| General Information | |
|--|-----------------------|
| Cap base | G5 [G5] |
| Life to 50% failures preheat (nom.) | 25000 h |
| Features | na [Not Applicable] |
| 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 | 99 % |
| LSF Preheat 20000 h Rated | 94 % |
| Light Technical | |
| Colour code | 830 [CCT of 3,000 K] |
| Luminous flux (nom.) | 2900 lm |
| Luminous flux (rated) (nom.) | 2600 lm |
| Colour designation | Warm white (WW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 114 lm/W |
| Correlated colour temperature (nom.) | 3000 K |
| Luminous efficacy (rated) (nom.) | 103 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) | 25.2 W |
| Lamp current (nom.) | 0.170 A |

Temperature

| | |
|---------------------------|-------|
| Design temperature (nom.) | 35 °C |
|---------------------------|-------|

Controls and Dimming

| | |
|----------|-----|
| Dimmable | yes |
|----------|-----|

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Approval and Application

| | |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A+ |
| Mercury (Hg) content (nom.) | 1.4 mg |
| Energy Consumption kWh/1000 h | 28 kWh |

Product Data

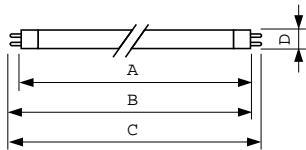
| | |
|--------------------|--|
| Full product code | 872790082588600 |
| Order product name | MASTER TL5 HE Eco 25=28W/830 UNP/40 |
| EAN/UPC – product | 8711500880000 |

| | |
|---------------------------------|-----------------------------|
| Order code | 82588600 |
| Local Code | 25830TL5ECO |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12NC) | 927990983031 |
| Net weight (piece) | 105.800 g |
| ILCOS Code | FDH-25/30/1B-L/P-G5-16/1150 |

Warnings and Safety

- A reduction in energy consumption is only achieved with current-controlled gear.
- The lamps operate perfectly with power-controlled gear, but in that case the light output can be up to 10% higher.
- 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.

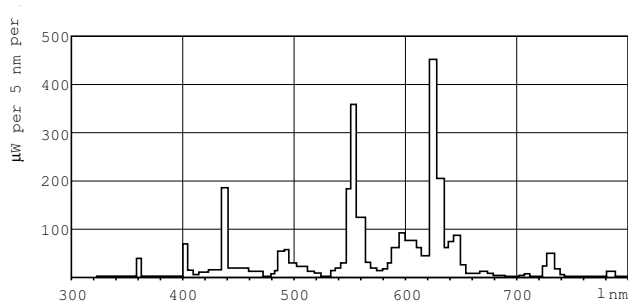
Dimensional drawing



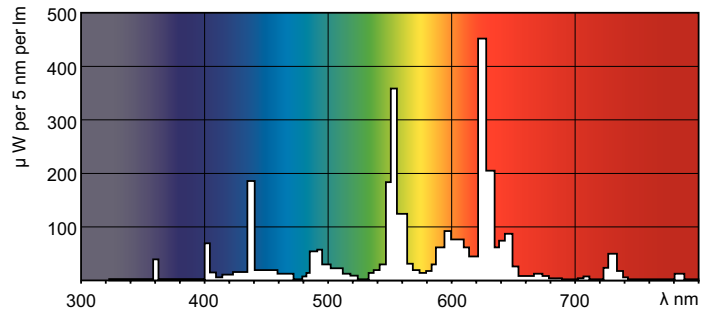
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|--|---------|-----------|-----------|-----------|-----------|
| MASTER TL5 HE Eco 25=28W/830 UNP/40 | 17 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

TL5 HE Eco 25=28W/830

Photometric data



Lightcolour /830



Lightcolour /830

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Lifetime

