



MASTER TL5 High Efficiency Eco



MASTER TL5 HE Eco 13=14W/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.

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.

Product data

| General Information | |
|----------------------------------|---------------------|
| Cap base | G5 [G5] |
| Features | na [Not Applicable] |
| Flux measurement reference | Sphere |
| Light Technical | |
| Colour Code | 830 [CCT of 3000K] |
| Luminous Flux | 1,150 lm |
| Colour designation | Warm White (WW) |
| Chromaticity Coordinate X (Nom) | 0.44 |
| Chromaticity Coordinate Y (Nom) | 0.403 |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 92 lm/W |

| Colour rendering index (CRI) | 82 |
|------------------------------|-----------------|
| Operating and Electrical | |
| Power Consumption | 12.5 W |
| Lamp current (nom.) | 0.170 A |
| Controls and Dimming | |
| Dimmable | Yes |
| Mechanical and Housing | |
| Bulb shape | T5 [16 mm (T5)] |
| Approval and Application | |
| Energy Efficiency Class | F |

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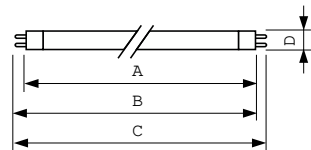
| | |
|------------------------------------|--------|
| Mercury (Hg) content (nom.) | 1.2 mg |
| Energy consumption kWh/1,000 hours | 13 kWh |
| EPREL registration number | 423462 |

Product Data

| | |
|--------------------|-------------------------------------|
| Order product name | MASTER TL5 HE Eco 13=14W/830 UNP/40 |
| Full product name | MASTER TL5 HE Eco 13=14W/830 UNP/40 |
| Full EOC | 872790088081600 |
| Order code | 88081600 |

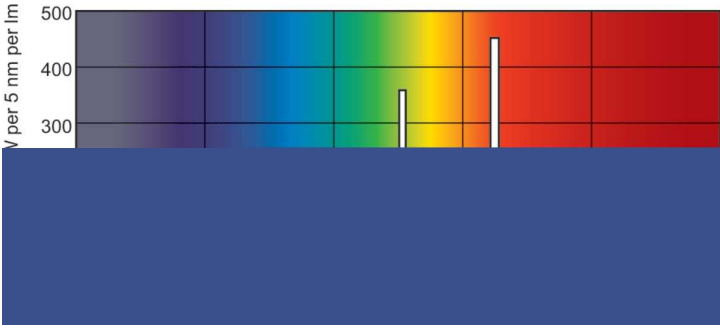
| | |
|-----------------------------------|---------------|
| Material no. (12 NC) | 927989883031 |
| Local order code | 13830TL5ECO |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8711500881281 |
| Numerator – packs per outer box | 40 |
| EAN/UPC - Case | 8727900880816 |

Dimensional drawing



| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-------------------------------------|---------|----------|----------|----------|----------|
| MASTER TL5 HE Eco 13=14W/830 UNP/40 | 17 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |

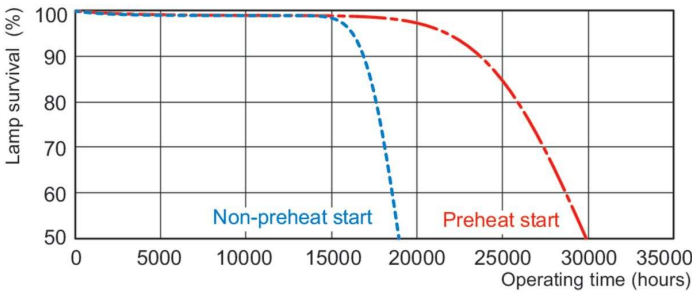
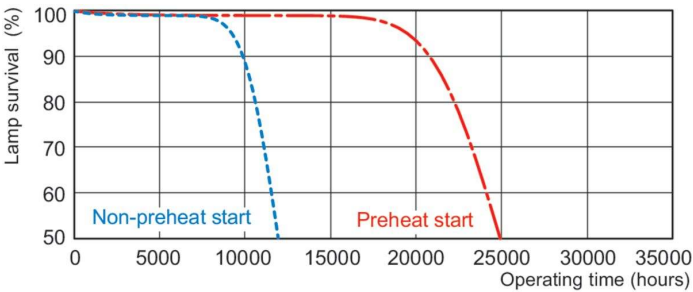
Photometric data



Spectral Power Distribution Colour – MASTER TL5 HE Eco 13=14W/830 UNP/40

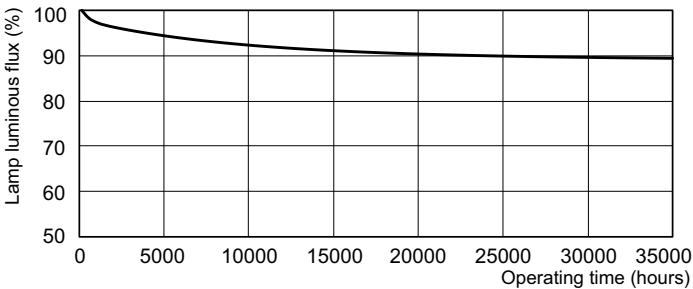
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Lifetime



Life Expectancy Diagram - MASTER TL5 HE Eco 13=14W/830 UNP/40

Life Expectancy Diagram - MASTER TL5 HE Eco 13=14W/830 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HE Eco 13=14W/830 UNP/40

