



# MASTER TL5 High Efficiency Eco



## MASTER TL5 HE Eco 32=35W/840 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 color 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                    |                     |
| Color Code                         | 840 [CCT of 4000K]  |
| Luminous Flux                      | 3,150 lm            |
| Color Designation                  | Cool White (CW)     |
| Chromaticity Coordinate X (Nom)    | 0.38                |
| Chromaticity Coordinate Y (Nom)    | 0.38                |
| Correlated Color Temperature (Nom) | 4000 K              |
| Luminous Efficacy (rated) (Nom)    | 103 lm/W            |

| Color rendering index (CRI) | 80              |
|-----------------------------|-----------------|
| Operating and Electrical    |                 |
| Power Consumption           | 31.7 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               |

# MASTER TL5 High Efficiency Eco

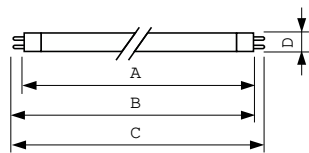
|                               |        |
|-------------------------------|--------|
| Mercury (Hg) Content (Nom)    | 1.2 mg |
| Energy Consumption kWh/1000 h | 32 kWh |
| EPREL Registration Number     | 423471 |

## Product Data

|                    |                                     |
|--------------------|-------------------------------------|
| Order product name | MASTER TL5 HE Eco 32=35W/840 UNP/40 |
| Full product name  | MASTER TL5 HE Eco 32=35W/840 UNP/40 |
| Full product code  | 872790082593000                     |

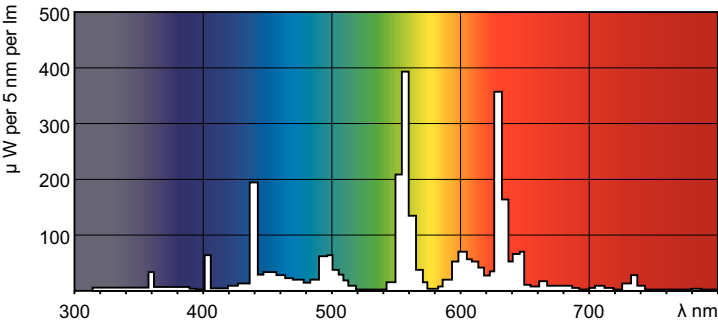
|                                 |               |
|---------------------------------|---------------|
| Order code                      | 82593000      |
| Material Nr. (12NC)             | 927991184031  |
| Numerator - Quantity Per Pack   | 1             |
| EAN/UPC - Product/Case          | 8711500880031 |
| Numerator - Packs per outer box | 40            |
| EAN/UPC - Case                  | 8727900825930 |

## Dimensional drawing



| Product                                | D (max) | A (max)    | B (max)    | B (min)    | C (max)    |
|--|---------|------------|------------|------------|------------|
| MASTER TL5 HE Eco<br>32=35W/840 UNP/40 | 17 mm   | 1,449.0 mm | 1,456.1 mm | 1,453.7 mm | 1,463.2 mm |

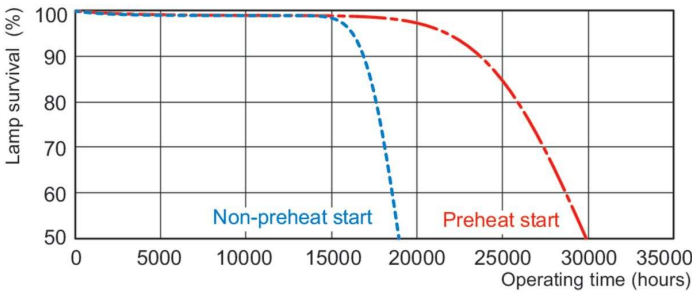
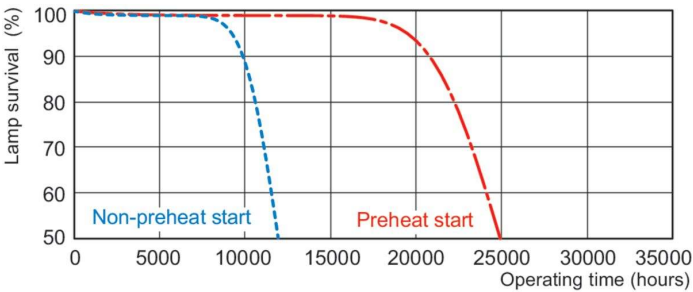
## Photometric data



Spectral Power Distribution Colour - MASTER TL5 HE Eco 32=35W/840 UNP/40

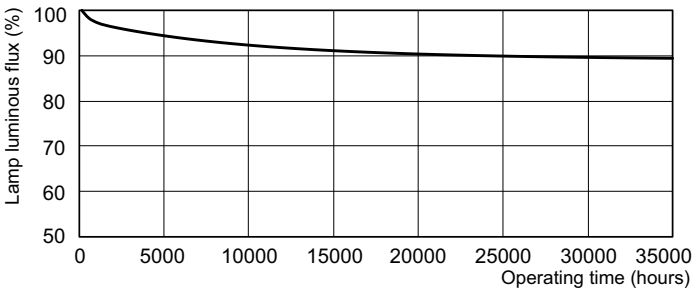
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Lifetime



Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40

Life Expectancy Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40



Lumen Maintenance Diagram - MASTER TL5 HE Eco 32=35W/840 UNP/40

