



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/830 1SL/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.

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.

Product data

| General Information | | | | |
|------------------------------------|---------------------|--|--|--|
| Cap-Base | G5 [G5] | | | |
| Features | na [Not Applicable] | | | |
| Flux measurement reference | Sphere | | | |
| | | | | |
| Light Technical | | | | |
| Color Code | 830 [CCT of 3000K] | | | |
| Luminous Flux | 2,675 lm | | | |
| Color Designation | Warm White (WW) | | | |
| Chromaticity Coordinate X (Nom) | 0.44 | | | |
| Chromaticity Coordinate Y (Nom) | 0.403 | | | |
| Correlated Color Temperature (Nom) | 3000 K | | | |
| Luminous Efficacy (rated) (Nom) | 96 lm/W | | | |
| Color rendering index (CRI) | 82 | | | |
| | | | | |

| Operating and Electrical | | | | |
|-------------------------------|-----------------|--|--|--|
| Power Consumption | 28.1 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 | | | |
| Mercury (Hg) Content (Nom) | 1.2 mg | | | |
| Energy Consumption kWh/1000 h | 29 kWh | | | |
| EPREL Registration Number | 423460 | | | |
| | | | | |

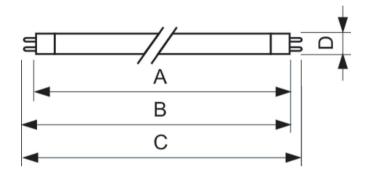
Datasheet, 2023, April 16 data subject to change

MASTER TL5 High Efficiency

| Product Data | |
|---------------------|------------------------------|
| Order product name | MASTER TL5 HE 28W/830 SLV/40 |
| Full product name | MASTER TL5 HE 28W/830 1SL/40 |
| Full product code | 871150063946255 |
| Order code | 63946255 |
| Material Nr. (12NC) | 927926583055 |

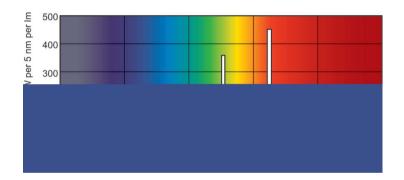
| Numerator - Quantity Per Pack | 1 |
|---------------------------------|---------------|
| EAN/UPC - Product/Case | 8711500639462 |
| Numerator - Packs per outer box | 40 |
| EAN/UPC - Case | 8711500867582 |

Dimensional drawing



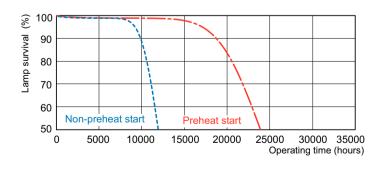
| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|-----------------------|---------|------------|------------|------------|------------|
| MASTER TL5 HE 28W/830 | 17 mm | 1,149.0 mm | 1,156.1 mm | 1,153.7 mm | 1,163.2 mm |
| SLV/40 | | | | | |

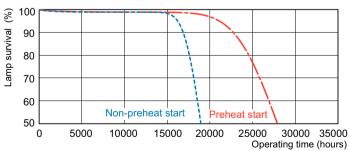
Photometric data



Spectral Power Distribution Colour - MASTER TL5 HE 28W/830 SLV/40

Lifetime





Life Expectancy Diagram - MASTER TL5 HE 28W/830 SLV/40

Life Expectancy Diagram - MASTER TL5 HE 28W/830 SLV/40

MASTER TL5 High Efficiency

Lifetime



Lumen Maintenance Diagram - MASTER TL5 HE 28W/830 SLV/40



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