



# MASTER TL5 HE 35W/840 SLV

Product family description  
Low- pressure mercury discharge lamps  
with a tubular 16 mm envelope

**Product Features**

- 40% thinner than TL- D lamps
- High lamp efficacies up to 104 lm/W
- Highly efficient 3- band fluorescent coating in combination with precoating
- Specifically designed for operation with electronic gear and well suited for dimming
- Maximum lumen output reached at approx. 35°C in free- burning position if an HF electronic ballast without additional electrode heating is used
- Can be ignited from - 15° to +50°C
- Green end- plate indicates full recyclable lamp technology

**Environment**

- Best environmental choice because of highest energy efficiency available for fluorescent lighting. Lowest CO2 emission compared to any other comparable lightsource (40% less than a TL- D standard lamp, 26% less than TL- D /80). Products having the “Green Flagship” logo contain the lowest mercury content in the industry and are 100% lead free. Products without the “Green Flagship” logo contain less than 5 mg mercury (Hg). Less material, packaging, weight, transport and recycling volume due to smallest product

dimensions (only 16 mm diameter, 40% less compared with TL- D lamps)

- This product range is RoHS compliant
- This product range is covered by WEEE

**Product Benefits**

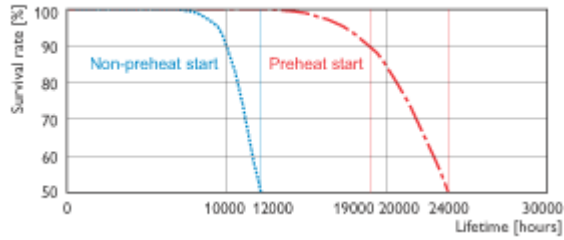
- Allow system miniaturisation and maximum luminaire design freedom
- Lamp lengths enable easy fitting into ceiling module systems
- Offers higher efficiencies and energy savings compared with TL- D lamps
- Virtually constant lumen level with excellent lumen maintenance
- Good colour rendering

**Application**

- Ideally suited for recessed, surface- mounted and suspended luminaires in applications like offices, shops, schools, public buildings and industry, wherever high- quality, energy- effective lighting is required

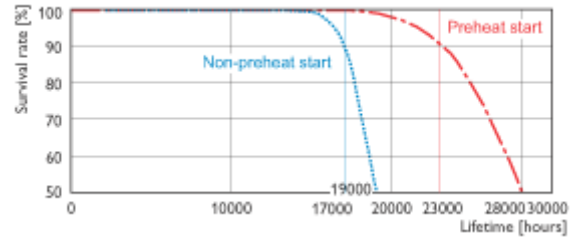
| Product data            |                              |
|-------------------------|------------------------------|
| Order code              | 639523 55                    |
| Full product code       | 871150063952355              |
| Full product name       | MASTER TL5 HE 35W/840 SLV    |
| Order product name      | MASTER TL5 HE 35W/840 SLV/40 |
| Packing type            | 1 Sleeve                     |
| Pieces per pack         | 1                            |
| Packing configuration   | 40                           |
| Packs per outerbox      | 40                           |
| Bar code on pack - EAN1 | 8711500639523                |

| Product data                            |                                 |
|---|---------------------------------|
| Bar code on intermediate packing - EAN2 |                                 |
| Bar code on outerbox - EAN3             | 8711500867681                   |
| Logistic code(s) - 12NC                 | 9279 270 84014   9279 270 84055 |
| ILCOS code                              | FDH- 35/40/1B- L/P- G5- 16/1450 |
| Net weight per piece                    | 128.700 (GR)                    |
| Successor order code                    |                                 |
| Rated Lamp Wattage[W ]                  | 35W                             |
| Colour Code                             | 840 [CCT of 4000K]              |
| System Description                      | High Efficiency                 |
| Cap- Base                               | G5                              |
| Cap- Base Information                   | Green Plate                     |
| Bulb                                    | T5[16mm]                        |
| Energy Efficiency Label (EEL)           | A                               |
| Mercury (Hg) Content[mg ]               | 1.4                             |
| Colour Rendering Index[Ra8 ]            | 85                              |
| Colour Designation (text)               | Cool White                      |
| Colour Temperature[K ]                  | 4000                            |
| Lamp Luminous Flux 25°C EL[Lm ]         | 3300                            |



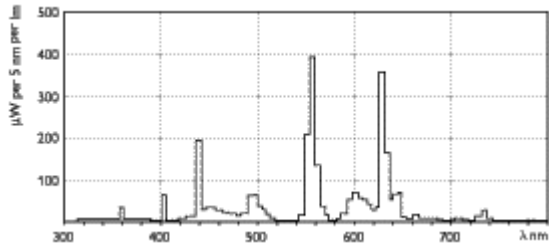
Life Expectancy 3h cycle

MASTER TL5 HE

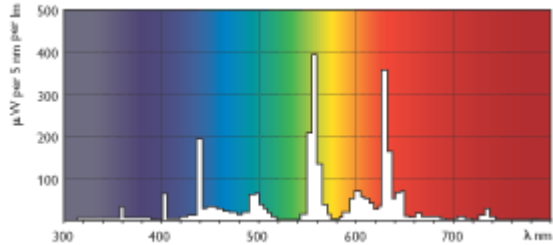


Life Expectancy 12h cycle

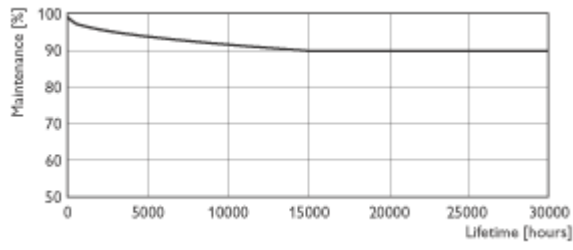
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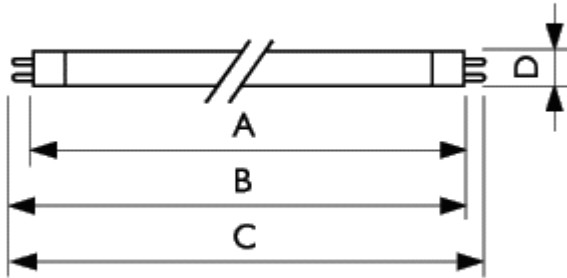
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|                           | A      | B      | C      | D      |
|---------------------------|--------|--------|--------|--------|
| Full product name         | Max    | Min    | Max    | Max    |
| MASTER TL5 HE 35W/840 SLV | 1449.0 | 1453.7 | 1456.1 | 1463.2 |
|                           |        |        |        | 17     |

