



TL5 Essential HE Super 80

TL5 Essential 21W/840 1SL/40

Philips TL5 Essential Super80 is a new fluorescent lamp which provides home users and professional end-users an aesthetic miniaturized lighting solution with high reliability at low price.

Warnings and Safety

- 20,000 hours lifetime (50% survival point, 3 hour cycle) with preheat ballast which is ENEC compliant. Lifetime performance may differ on non-ENEC compliant ballasts.

Product data

| General Information | |
|--|---------------------|
| Cap-Base | G5 [G5] |
| Life to 50% Failures Preheat (Nom) | 20000 h |
| LSF Preheat 2000 h Rated | 98 % |
| LSF Preheat 4000 h Rated | 97 % |
| LSF Preheat 6000 h Rated | 95 % |
| LSF Preheat 8000 h Rated | 93 % |
| LSF Preheat 16000 h Rated | 70 % |
| LSF Preheat 20000 h Rated | 50 % |
| Light Technical | |
| Color Code | 840 [CCT of 4000K] |
| Luminous Flux (Nom) | 2100 lm |
| Luminous Flux (Rated) (Nom) | 1950 lm |
| Color Designation | Cool White (CW) |
| Luminous Efficacy (@ Max Lumen, Rated) (Nom) | 101 lm/W |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 94 lm/W |

| Color Rendering Index (Max) | 85 |
|-----------------------------|---------|
| Color Rendering Index (Min) | 80 |
| Color Rendering Index (Nom) | 82 |
| LLMF 2000 h Rated | 94 % |
| LLMF 4000 h Rated | 92 % |
| LLMF 6000 h Rated | 91 % |
| LLMF 8000 h Rated | 90 % |
| LLMF 12000 h Rated | 88 % |
| LLMF 16000 h Rated | 87 % |
| LLMF 20000 h Rated | 86 % |
| Operating and Electrical | |
| Power (Nom) | 20.8 W |
| Lamp Current (Nom) | 0.170 A |
| Temperature | |
| Design Temperature (Nom) | 30 °C |

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Controls and Dimming

Dimmable No

Approval and Application

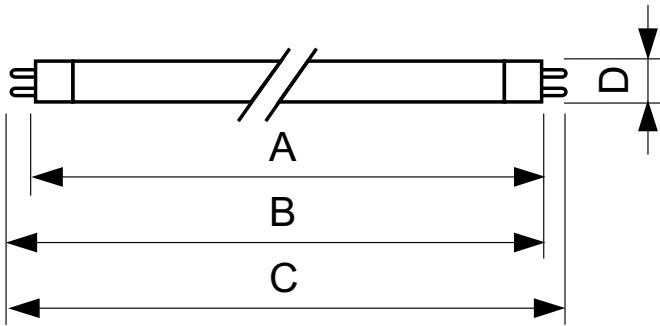
Energy Efficiency Label (EEL) A
 Mercury (Hg) Content (Nom) 2.0 mg

Product Data

Full product code 871150057039055

| | |
|---------------------------------|------------------------------|
| Order product name | TL5 Essential 21W/840 1SL/40 |
| EAN/UPC - Product | 8711500570390 |
| Order code | 927926484058 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 40 |
| Material Nr. (12NC) | 927926484058 |
| Net Weight (Piece) | 69.500 g |

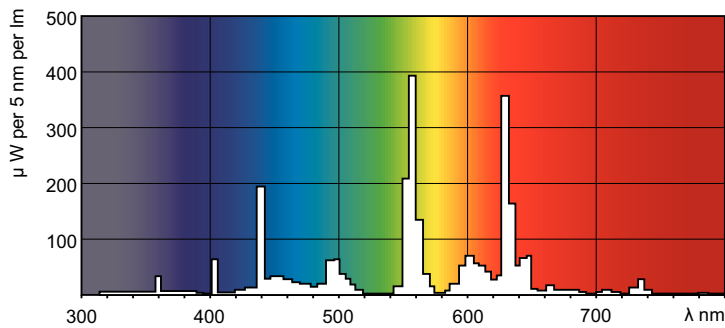
Dimensional drawing



TL5 ESS 21W/840

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|----------|----------|----------|----------|
| TL5 Essential 21W/840 1SL/40 | 17.0 mm | 849.0 mm | 856.1 mm | 853.7 mm | 863.2 mm |

Photometric data



LDPO_TL5ESS8_ESS_840-Spectral power distribution Colour

