



TL5 Essential HE Super 80

TL5 Essential 28W/830 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.

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 | |
| Colour Code | 830 [CCT of 3,000 K] |
| Lamp Luminous Flux 25°C EL (Nom) | 2900 lm |
| Lamp Luminous Flux (Nom) | 2600 lm |
| Colour Designation | Warm white (WW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 104 lm/W |
| Colour Temperature, horizontal (Nom) | 3000 K |
| Lamp Luminous Efficacy EM (Nom) | 94 lm/W |
| Colour Rendering Index,horiz (Max) | 85 |
| Colour Rendering Index,horiz (Min) | 80 |
| Colour Rendering Index,horiz (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 (Rated) (Nom) | 27.8 W |
| Lamp current (nom.) | 0.170 A |

| Temperature | |
|---------------------------|-------|
| Design temperature (nom.) | 30 °C |

| Controls and Dimming | |
|----------------------|----|
| Dimmable | no |

| Approval and Application | |
|-------------------------------|--------|
| Energy efficiency label (EEL) | A |
| Mercury (Hg) content (nom.) | 2.0 mg |

TL5 Essential HE Super 80

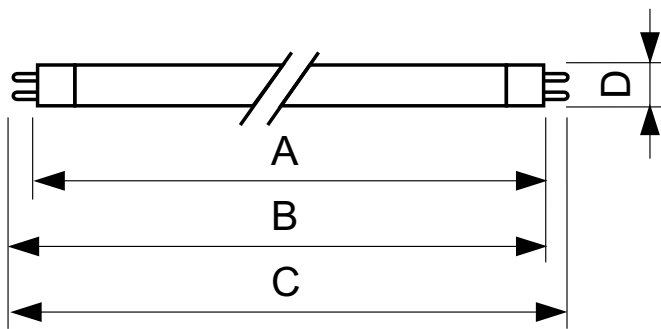
| | |
|-------------------------------|------------------------------|
| Energy Consumption kWh/1000 h | 31 kWh |
| Product Data | |
| Full product code | 871150057043755 |
| Order product name | TL5 Essential 28W/830 1SL/40 |
| EAN/UPC – product | 8711500570437 |
| Order code | 927926783058 |

| | |
|---------------------------------|--------------|
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12NC) | 927926783058 |
| Net weight (piece) | 88.500 g |

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.

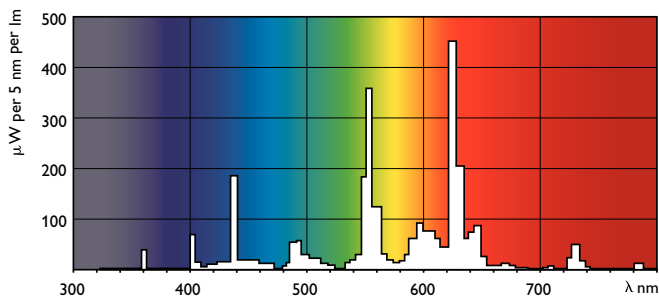
Dimensional drawing



TL5 ESS 28W/830

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|-----------|-----------|-----------|-----------|
| TL5 Essential 28W/830 1SL/40 | 17.0 mm | 1149.0 mm | 1156.1 mm | 1153.7 mm | 1163.2 mm |

Photometric data



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