



TL5 Essential HE Super 80

TL5 Essential 14W/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] |
| Luminous flux (nom.) | 1350 lm |
| Luminous flux (rated) (nom.) | 1260 lm |
| Colour designation | Warm White (WW) |
| Luminous efficacy (@ max. lumen, rated) (nom.) | 96 lm/W |
| Correlated colour temperature (nom.) | 3000 K |
| Luminous efficacy (rated) (nom.) | 88 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 (Rated) (Nom) | 14.3 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 |
|-------------------------------|---|

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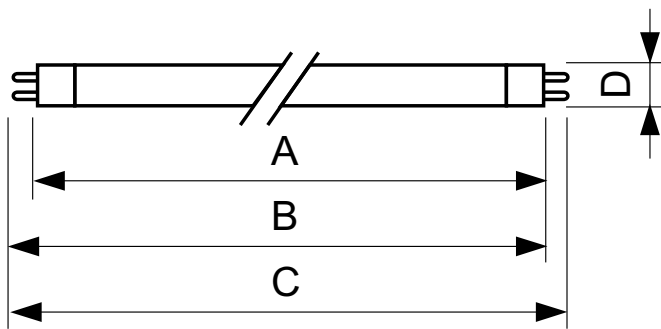
| | |
|-----------------------------|------------------------------|
| Mercury (Hg) content (nom.) | 2.0 mg |
| Product Data | |
| Full product code | 871150057031455 |
| Order product name | TL5 Essential 14W/830 1SL/40 |
| EAN/UPC – product | 8711500570314 |
| Order code | 57031455 |

| | |
|---------------------------------|--------------|
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 40 |
| Material no. (12NC) | 927925983058 |
| Net weight (piece) | 47.500 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.

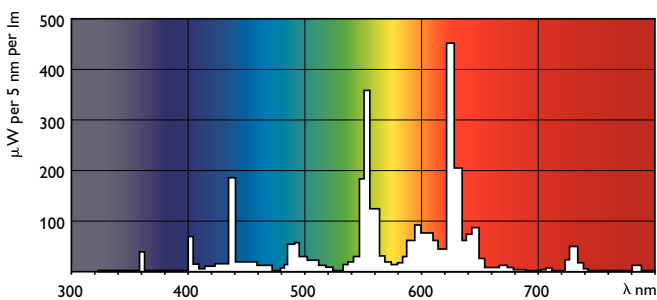
Dimensional drawing



TL5 ESS 14W/830

| Product | D (max) | A (max) | B (max) | B (min) | C (max) |
|---------------------------------|---------|----------|----------|----------|----------|
| TL5 Essential 14W/830 1SL/40 | 17.0 mm | 549.0 mm | 556.1 mm | 553.7 mm | 563.2 mm |

Photometric data



Lightcolour /830

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www.lighting.philips.com

2018, December 10 - data subject to change