



# TL5 Essential HE Super 80

## TL5 Essential 14W/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.

### 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	841 [ CCT of 4100K (841)]
Luminous flux (nom.)	1350 lm
Luminous flux (rated) (nom.)	1260 lm
Colour designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	96 lm/W
Correlated colour temperature (nom.)	4000 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
Mercury (Hg) content (nom.)	2.0 mg

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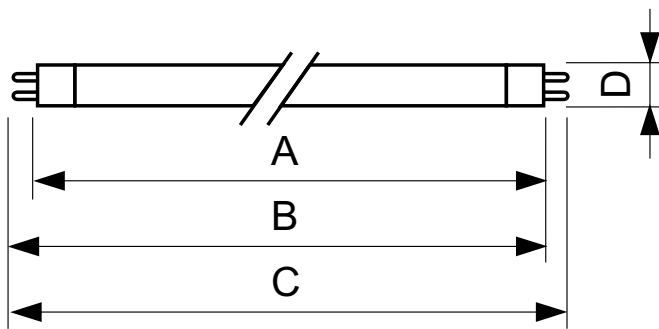
Energy Consumption kWh/1000 h	15 kWh
<b>Product Data</b>	
Full product code	871150057033855
Order product name	TL5 Essential 14W/840 1SL/40
EAN/UPC – product	8711500570338
Order code	57033855

Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927925984058
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.

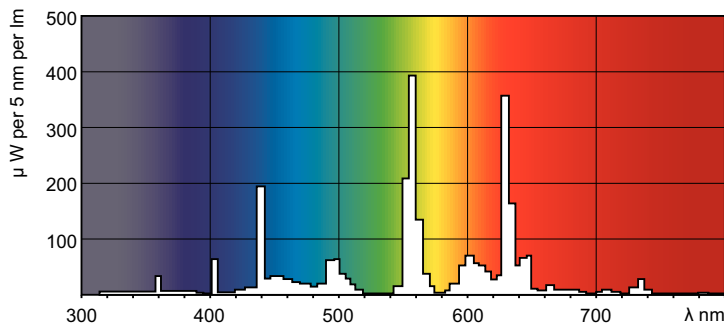
## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 14W/840 1SL/40	17.0 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

TL5 ESS 14W/840

## Photometric data



Lightcolour /840

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