



# 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.

### 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		Color Rendering Index (Max)	
Cap-Base	G5 [ G5]	Color Rendering Index (Max)	85
Life to 50% Failures Preheat (Nom)	20000 h	Color Rendering Index (Min)	80
LSF Preheat 2000 h Rated	98 %	Color Rendering Index (Nom)	82
LSF Preheat 4000 h Rated	97 %	LLMF 2000 h Rated	94 %
LSF Preheat 6000 h Rated	95 %	LLMF 4000 h Rated	92 %
LSF Preheat 8000 h Rated	93 %	LLMF 6000 h Rated	91 %
LSF Preheat 16000 h Rated	70 %	LLMF 8000 h Rated	90 %
LSF Preheat 20000 h Rated	50 %	LLMF 12000 h Rated	88 %
		LLMF 16000 h Rated	87 %
		LLMF 20000 h Rated	86 %
Light Technical		Operating and Electrical	
Color Code	830 [ CCT of 3000K]	Power (Nom)	14.3 W
Luminous Flux (Nom)	1350 lm	Lamp Current (Nom)	0.170 A
Luminous Flux (Rated) (Nom)	1260 lm		
Color Designation	Warm White (WW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W	Design Temperature (Nom)	30 °C
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	88 lm/W		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Shape	T5 [ 16 mm (T5)]
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## Approval and Application

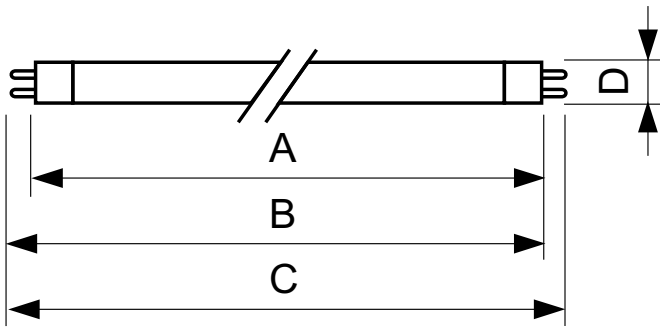
Mercury (Hg) Content (Nom)	2.0 mg
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## Product Data

Full product code	692341077174900
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Order product name	TL5 Essential 14W/830 1SL/40
EAN/UPC - Product	6923410771749
Order code	927925983060
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927925983060
Net Weight (Piece)	0.050 kg

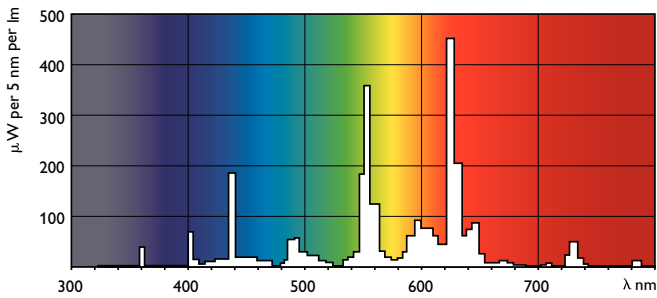
## Dimensional drawing



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



LDPO\_TL5ESS8\_ESS\_830-Spectral power distribution Colour

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