



# 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 miniaturised lighting solution with high reliability at low price.

### Product data

General Information		LLMF 2000 h Rated	
Cap base	G5 [ G5]	LLMF 4000 h Rated	92 %
Life to 50% failures preheat (nom.)	20000 h	LLMF 6000 h Rated	91 %
LSF Preheat 2000 h Rated	98 %	LLMF 8000 h Rated	90 %
LSF Preheat 4000 h Rated	97 %	LLMF 12000 h Rated	88 %
LSF Preheat 6000 h Rated	95 %	LLMF 16000 h Rated	87 %
LSF Preheat 8000 h Rated	93 %	LLMF 20000 h Rated	86 %
LSF Preheat 16000 h Rated	70 %		
LSF Preheat 20000 h Rated	50 %		
Light Technical		Operating and Electrical	
Colour Code	830 [ CCT of 3000K]	Technical Lamp Power (Nom)	27.8 W
Lamp Luminous Flux 25°C EL (Nom)	2900 lm	Lamp current (nom.)	0.170 A
Lamp Luminous Flux (Nom)	2600 lm		
Colour Designation	Warm white (WW)	Temperature	
Luminous efficacy (@ max. lumen, rated) (nom.)	104 lm/W	Design temperature (nom.)	30 °C
Colour Temperature, horizontal (Nom)	3000 K		
Lamp Luminous Efficacy EM (Nom)	94 lm/W	Controls and Dimming	
Colour Rendering Index,horiz (Max)	85	Dimmable	no
Colour Rendering Index,horiz (Min)	80		
Colour Rendering Index,horiz (Nom)	82	Approval and Application	
		Energy efficiency label (EEL)	A
		Mercury (Hg) content (nom.)	2.0 mg

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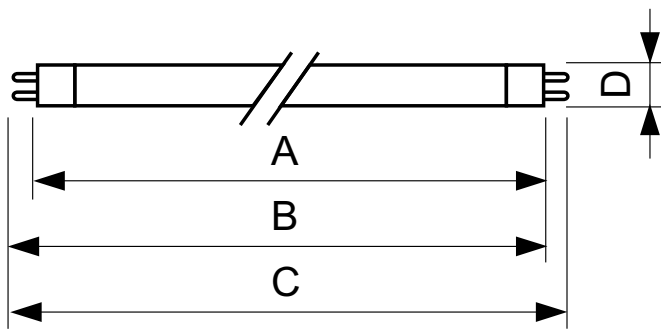
Energy Consumption kWh/1000 h	31 kWh
<b>Product Data</b>	
Full product code	871150057043755
Order product name	TL5 Essential 28W/830 1SL/40
EAN/UPC – product	8711500570437
Order code	927926783058

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.

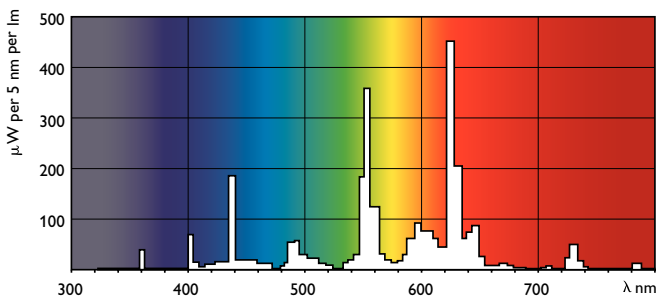
## Dimensional drawing



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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