



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

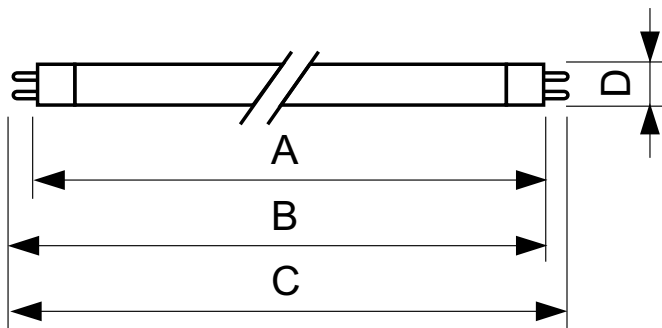
General Information		Color rendering index (max.)	
Cap base	G5 [G5]	Color rendering index (max.)	85
Life to 50% failures preheat (nom.)	20000 h	Colour-rendering index (min.)	80
LSF preheat 2,000 hours rated	98 %	Colour rendering index (nom.)	82
LSF preheat 4,000 hours rated	97 %	LLMF 2000 h Rated	94 %
LSF preheat 6,000 hours rated	95 %	LLMF 4000 h Rated	92 %
LSF preheat 8,000 hours rated	93 %	LLMF 6000 h Rated	91 %
LSF preheat 16,000 hours rated	70 %	LLMF 8000 h Rated	90 %
LSF preheat 20,000 hours rated	50 %	LLMF 12000 h Rated	88 %
		LLMF 16000 h Rated	87 %
		LLMF 20000 h Rated	86 %
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3,000 K]	Power (Rated) (Nom)	14.3 W
Luminous flux (nom.)	1350 lm	Lamp current (nom.)	0.170 A
Luminous flux (rated) (nom.)	1260 lm		
Colour designation	Warm White (WW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W	Design temperature (nom.)	30 °C
Correlated Colour Temperature (Nom)	3000 K		
Luminous efficacy (rated) (nom.)	88 lm/W		

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	T5 [16 mm (T5)]
Approval and Application	
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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927925983058
SAP net weight (piece)	47.500 g

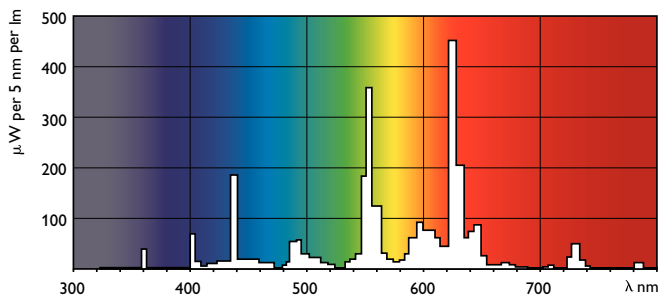
Dimensional drawing



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

TL5 ESS 14W/830

Photometric data



Lightcolour /830

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