



TL5 Essential HE Super 80

TL5 Essential 28W/865 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 (Min)	80
Life to 50% Failures Preheat (Nom)	20000 h	Color Rendering Index (Nom)	82
LSF Preheat 2000 h Rated	98 %	LLMF 2000 h Rated	94 %
LSF Preheat 4000 h Rated	97 %	LLMF 4000 h Rated	92 %
LSF Preheat 6000 h Rated	95 %	LLMF 6000 h Rated	91 %
LSF Preheat 8000 h Rated	93 %	LLMF 8000 h Rated	90 %
LSF Preheat 16000 h Rated	70 %	LLMF 12000 h Rated	88 %
LSF Preheat 20000 h Rated	50 %	LLMF 16000 h Rated	87 %
		LLMF 20000 h Rated	86 %
Light technical		Operating and electrical	
Color Code	865 [CCT of 6500K]	Power (Rated) (Nom)	27.8 W
Luminous Flux (Nom)	2700 lm	Lamp Current (Nom)	0.170 A
Luminous Flux (Rated) (Nom)	2600 lm		
Color Designation	Cool Daylight	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	97 lm/W	Design Temperature (Nom)	30 °C
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	94 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

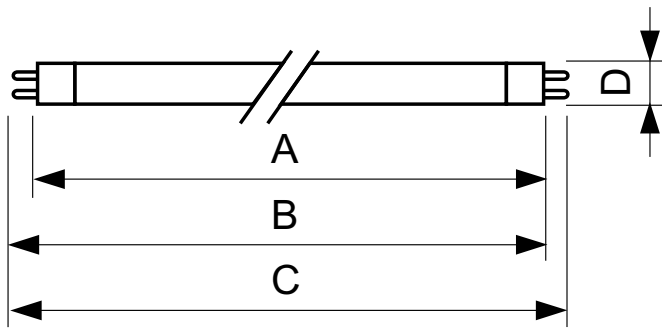
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	31 kWh

Product data

Full product code	871150057047555
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Order product name	TL5 Essential 28W/865 1SL/40
EAN/UPC - Product	8711500570475
Order code	927926786558
Numerator - Quantity Per Pack	1
Local code description	TL5 ESSENTIAL 28W/865 1SL/40
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926786558
Net Weight (Piece)	88.500 g

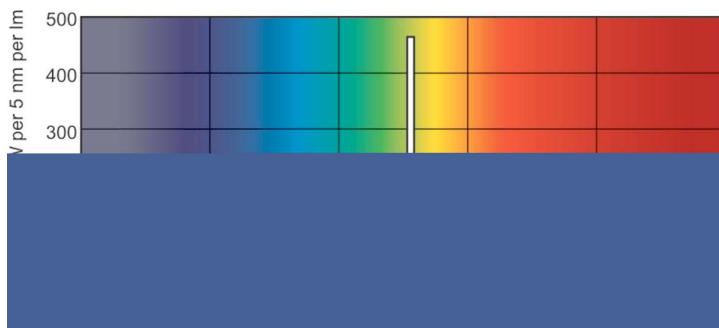
Dimensional drawing



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Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 28W/865 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



Lightcolor /865

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