



TL5 Essential HE Super 80

TL5 Essential 28W/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		LLMF 2000 h Rated		94 %	
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			
Color Code	840 [CCT of 4000K]	Power (Rated) (Nom)	27.8 W		
Luminous Flux (Nom)	2900 lm	Lamp Current (Nom)	0.170 A		
Luminous Flux (Rated) (Nom)	2600 lm				
Color Designation	Cool White (CW)	Temperature			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W	Design Temperature (Nom)	30 °C		
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	94 lm/W	Controls and Dimming			
Color Rendering Index (Max)	85	Dimmable	No		
Color Rendering Index (Min)	80				
Color Rendering Index (Nom)	82	Approval and Application			
		Energy Efficiency Label (EEL)	A+		
		Mercury (Hg) Content (Nom)	2.0 mg		

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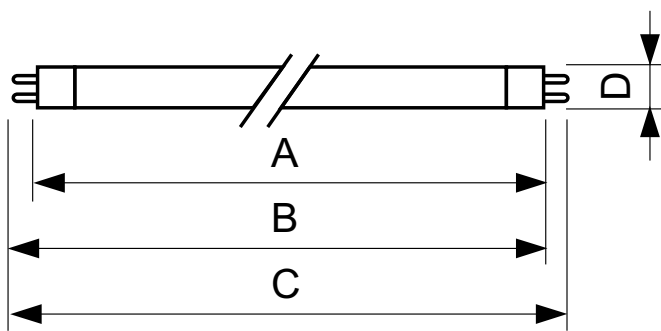
Energy Consumption kWh/1000 h	31 kWh
Product Data	
Full product code	692341077190900
Order product name	TL5 Essential 28W/840 1SL/40
EAN/UPC - Product	6923410771909
Order code	927926784060

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926784060
Net Weight (Piece)	0.096 kg

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.

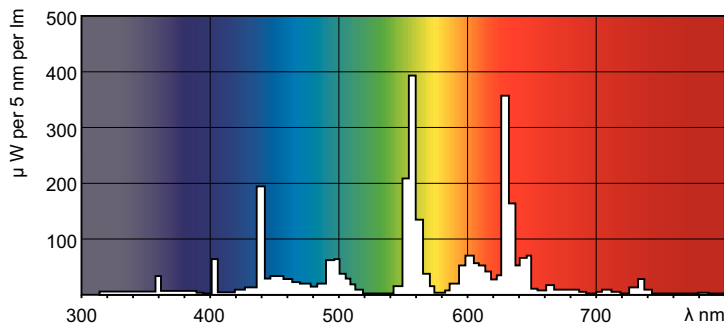
Dimensional drawing



TL5 ESS 28W/840

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 28W/840 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



Lightcolor /840

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