



TL5 Essential HE Super 80

TL5 Essential 21W/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.

Product data

General Information				
Cap-Base	G5 [G5]			
Life to 50% Failures Preheat (Nom)	20000 h			
LSF Preheat 2000 h Rated	98 %			
LSF Preheat 4000 h Rated	97 %			
LSF Preheat 6000 h Rated	95 %			
LSF Preheat 8000 h Rated	93 %			
LSF Preheat 16000 h Rated	70 %			
LSF Preheat 20000 h Rated	50 %			
Light Technical				
Color Code	865 [CCT of 6500K]			
Luminous Flux (Nom)	1900 lm			
Luminous Flux (Rated) (Nom)	1750 lm			
Color Designation	Cool Daylight			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	92 lm/W			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (Rated) (Nom)	84 lm/W			
Color Rendering Index (Max)	85			
Color Rendering Index (Min)	80			
Color Rendering Index (Nom)	82			

LLMF 2000 h Rated	94 %	
LLMF 4000 h Rated	92 %	
LLMF 6000 h Rated	91 %	
LLMF 8000 h Rated	90 %	
LLMF 12000 h Rated	88 %	
LLMF 16000 h Rated	87 %	
LLMF 20000 h Rated	86 %	
Operating and Electrical		
Power (Rated) (Nom)	20.8 W	
Lamp Current (Nom)	0.170 A	
Temperature		
Design Temperature (Nom)	30 °C	
Controls and Dimming		
Dimmable	No	
Approval and Application		
Energy Efficiency Label (EEL)	A	

Datasheet, 2017, November 13 data subject to change

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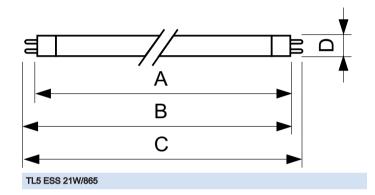
Mercury (Hg) Content (Nom)	2.0 mg
Product Data	
Full product code	871150057041355
Order product name	TL5 Essential 21W/865 1SL/40
EAN/UPC - Product	8711500570413
Order code	927926486558

Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	40	
Material Nr. (12NC)	927926486558	
Net Weight (Piece)	69.500 g	

Warnings and Safety

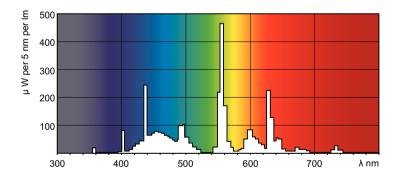
• 20,000 hours lifetime (50% survival point, 3 hour cycle) with preheat ballast which is ENEC compliant. Lifetime performance may differ on non-ENEC compliant ballasts.

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 21W/865	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
1SL/40					

Photometric data



Lightcolor /865

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