



# TL5 Essential HE Super 80

# TL5 Essential 21W/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** 

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	830 [ CCT of 3000K]
Luminous Flux (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	1950 lm
Color Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	94 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 (Nom)	20.8 W
Lamp Current (Nom)	0.170 A
Temperature	
Design Temperature (Nom)	30 ℃

Datasheet, 2021, February 28 data subject to change

# **TL5 Essential HE Super 80**

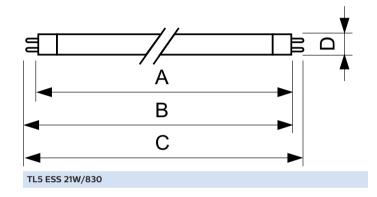
Controls and Dimming		
Dimmable	No	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	2.0 mg	
Energy Consumption kWh/1000 h	23 kWh	
Product Data		

694793919454400

Order product name	TL5 Essential 21W/830 1SL/40
EAN/UPC - Product	6947939194544
Order code	927926483060
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926483060
Net Weight (Piece)	0.075 kg

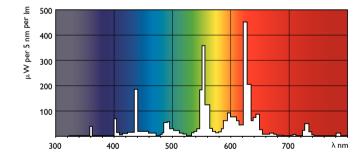
## Dimensional drawing

Full product code





### Photometric data



LDPO\_TL5ESS8\_ESS\_830-Spectral power distribution Colour

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