



# 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 %

Color Rendering Index (Max)	
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 %

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

Operating and Electrical	
Power (Nom)	20.8 W
Lamp Current (Nom)	0.170 A

Temperature	
Design Temperature (Nom)	30 °C

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## Controls and Dimming

Dimmable	No
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## Approval and Application

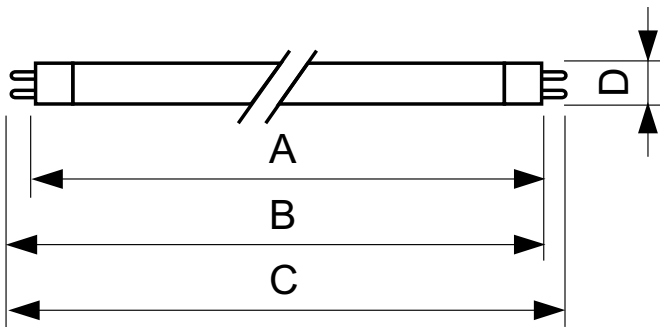
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	23 kWh

## Product Data

Full product code	871150057037655
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Order product name	TL5 Essential 21W/830 1SL/40
EAN/UPC - Product	8711500570376
Order code	927926483058
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926483058
Net Weight (Piece)	69.500 g

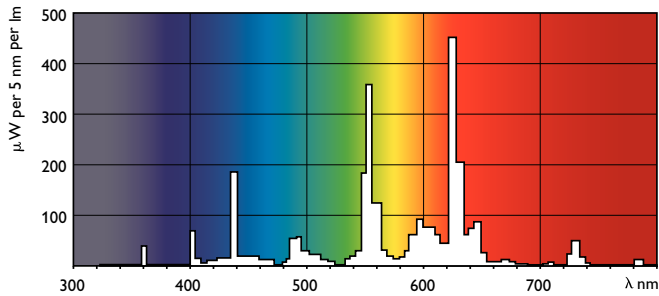
## Dimensional drawing



TL5 ESS 21W/830

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 21W/830 1SL/40	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

## Photometric data



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

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