



TL5 Essential HE Super 80

TL5 Essential 14W/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.

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	840 [CCT of 4000K]
Luminous Flux (Nom)	1350 lm
Luminous Flux (Rated) (Nom)	1260 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	96 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	88 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)	14.3 W
Lamp Current (Nom)	0.170 A

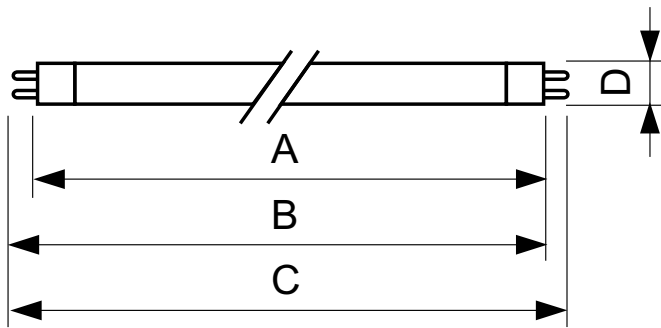
Temperature	
Design Temperature (Nom)	30 °C

TL5 Essential HE Super 80

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T5 [16 mm (T5)]
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	15 kWh
Product Data	
Full product code	692341077176300

Order product name	TL5 Essential 14W/840 1SL/40
EAN/UPC - Product	6923410771763
Order code	927925984060
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927925984060
Net Weight (Piece)	0.050 kg

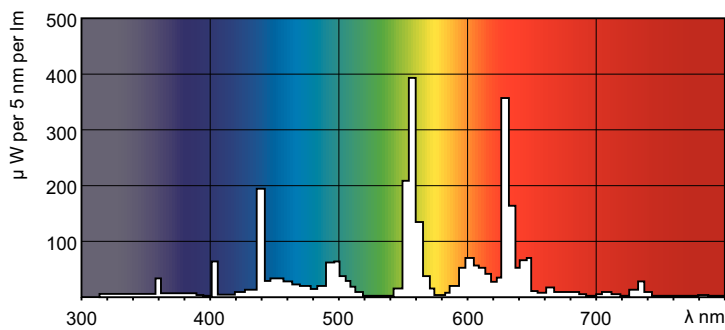
Dimensional drawing



TL5 ESS 14W/840

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 14W/840 1SL/40	17.0 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

Photometric data



LDPO_TL5ESS8_ESS_840-Spectral power distribution Colour

TL5 Essential HE Super 80

