



TL5 Essential HE Super 80

TL5 Essential 21W/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 2,000 hours rated	98 %
LSF preheat 4,000 hours rated	97 %
LSF preheat 6,000 hours rated	95 %
LSF preheat 8,000 hours rated	93 %
LSF preheat 16,000 hours rated	70 %
LSF preheat 20,000 hours rated	50 %
Light Technical	
Colour Code	841 [CCT of 4100K (841)]
Luminous flux (nom.)	2100 lm
Luminous flux (rated) (nom.)	1950 lm
Colour designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	94 lm/W

Color rendering index (max.)	85
Colour-rendering index (min.)	80
Colour 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

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Controls and Dimming

Dimmable	No
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Approval and Application

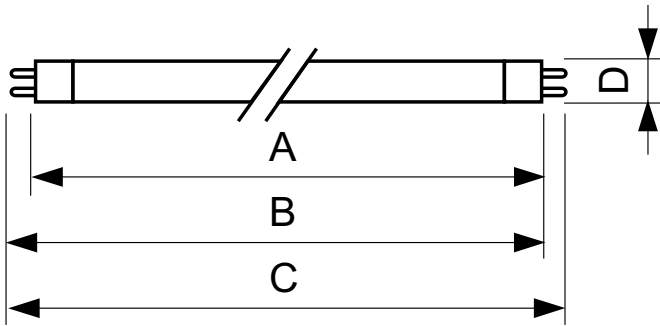
Energy efficiency label (EEL)	A
Mercury (Hg) content (nom.)	2.0 mg

Product Data

Full product code	871150057039055
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Order product name	TL5 Essential 21W/840 1SL/40
EAN/UPC – product	8711500570390
Order code	57039055
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926484058
SAP net weight (piece)	69.500 g

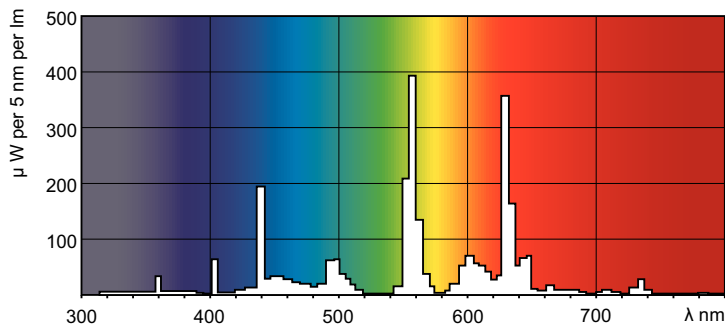
Dimensional drawing



TL5 ESS 21W/840

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential 21W/840 1SL/40	17.0 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

Photometric data



Lightcolour /840

