



TL5 Essential HO Super 80

TL5 Essential HO 54W/840 1SL/40

Low-pressure mercury discharge T5 lamp with tubular 16 mm envelope and high lumen output.

Product data

General Information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	20000 h
Features	HO [High Output]
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)	5000 lm
Luminous Flux (Rated) (Nom)	4700 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	93 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	87 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82

LLMF 2000 h Rated	95 %
LLMF 4000 h Rated	92 %
LLMF 6000 h Rated	91 %
LLMF 8000 h Rated	90 %
LLMF 12000 h Rated	90 %
LLMF 16000 h Rated	90 %

Operating and Electrical	
Power (Rated) (Nom)	54 W
Lamp Current (Nom)	0.460 A

Temperature	
Design Temperature (Nom)	30 °C

Controls and Dimming	
Dimmable	Yes

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	54 kWh

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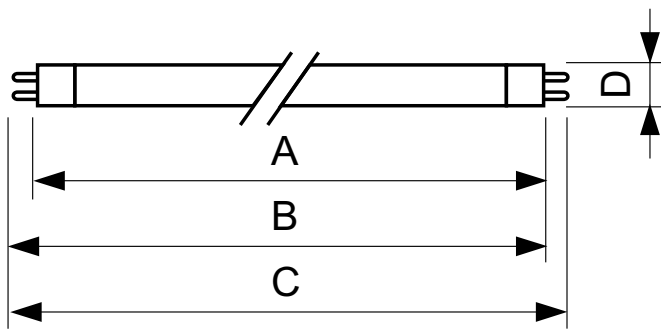
Product Data	
Full product code	871829117836100
Order product name	TL5 Essential HO 54W/840 1SL/40
EAN/UPC - Product	8718291178361
Order code	927929384040
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	40
Material Nr. (12NC)	927929384040
Net Weight (Piece)	88.500 g

Warnings and Safety

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

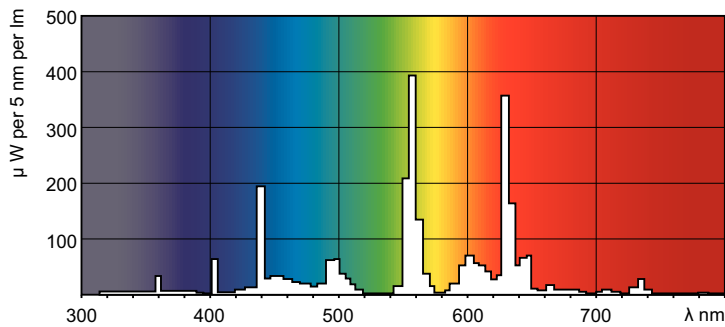
Dimensional drawing



TL5 54W/840 HO ESSENTIAL

Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential HO	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm
54W/840 1SL/40					

Photometric data



Lightcolor /840

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