



# TL5 Essential HO Super 80

TL5 Essential HO 54W/865 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]
Bulb Shape	T5 [ 16 mm (T5)]
Life To 50% Failures Preheat (Nom)	20000 h
Features	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	865 [ CCT of 6500K]
Luminous Flux (Nom)	4700 lm
Luminous Flux (Rated) (Nom)	4420 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87.4 lm/W
Chromaticity Coordinate X (Nom)	313
Chromaticity Coordinate Y (Nom)	337
Correlated Color Temperature (Nom)	6500 K

Luminous Efficacy (rated) (Nom)	81.9 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
Voltage (Nom)	118 V

### • Temperature

Design Temperature (Nom)	30 °C
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### • Controls and Dimming

Dimmable	Yes
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### • Approval and Application

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg

**PHILIPS**

# TL5 Essential HO Super 80

Energy Consumption 54 kWh  
kWh/1000 h

Order code 927929386553  
Numerator - Quantity Per Pack 1  
Numerator - Packs per outer box 40  
Material Nr. (12NC) 927929386553  
Net Weight (Piece) 0.096 kg

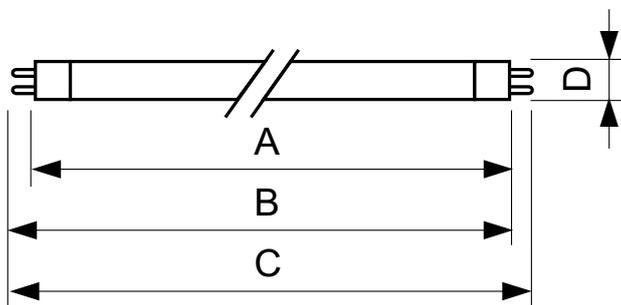
## • Product Data

Full product code 692341078622400  
Order product name TL5 Essential HO 54W/865 1SL/40  
EAN/UPC - Product 6923410786224

## 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

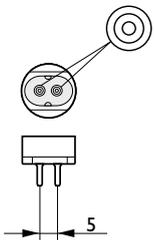
## Dimensional drawing



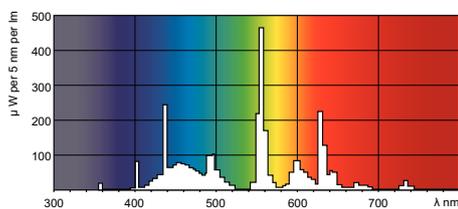
G5, T5

## TL5 54W/865 HO ESSENTIAL

Product	D	A	B	B	C
TL5 Essential HO 54W/865 1SL/40	17.0 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm



## Photometric data



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data subject to change