



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.

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

Product data

General Information

Certerat 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	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			
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 (Nom)	54 W		
Lamp Current (Nom)	0.460 A		
Temperature			
Design Temperature (Nom)	30 ℃		

Datasheet, 2021, February 28 data subject to change

TL5 Essential HO Super 80

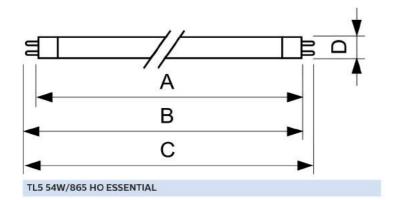
Dimmable	Yes	
Approval and Application		
Energy Efficiency Label (EEL)	А	
Mercury (Hg) Content (Nom)	2.0 mg	
Energy Consumption kWh/1000 h	54 kWh	

692234199609200

Order product name	TL5 Essential HO 54W/865 1SL/40 6922341996092 927929386553		
EAN/UPC - Product			
Order code			
Numerator - Quantity Per Pack			
Numerator - Packs per outer box	40		
Material Nr. (12NC)	927929386553		
Net Weight (Piece)	0.096 kg		

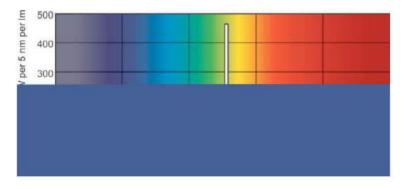
Dimensional drawing

Full product code



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/865 1SL/40					

Photometric data



LDPO_TL5ESS8_ESS_865-Spectral power distribution Colour

TL5 Essential HO Super 80



© 2021 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.