



# 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

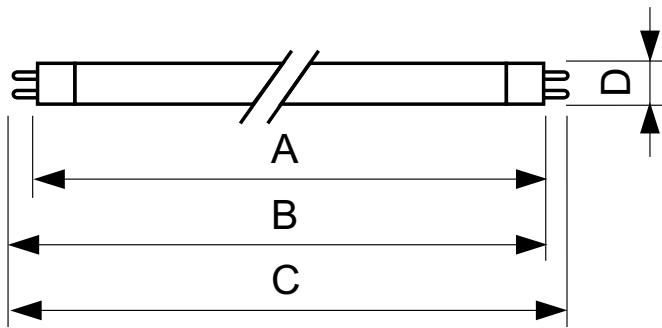
General Information		Color Rendering Index (Max)	
Cap-Base	G5 [ G5]	Color Rendering Index (Max)	85
Life to 50% Failures Preheat (Nom)	20000 h	Color Rendering Index (Min)	80
Features	HO [ High Output]	Color Rendering Index (Nom)	82
LSF Preheat 2000 h Rated	98 %	LLMF 2000 h Rated	95 %
LSF Preheat 4000 h Rated	97 %	LLMF 4000 h Rated	92 %
LSF Preheat 6000 h Rated	95 %	LLMF 6000 h Rated	91 %
LSF Preheat 8000 h Rated	93 %	LLMF 8000 h Rated	90 %
LSF Preheat 16000 h Rated	70 %	LLMF 12000 h Rated	90 %
LSF Preheat 20000 h Rated	50 %	LLMF 16000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	865 [ CCT of 6500K]	Power (Nom)	54 W
Luminous Flux (Nom)	4700 lm	Lamp Current (Nom)	0.460 A
Luminous Flux (Rated) (Nom)	4420 lm	Temperature	
Color Designation	Cool Daylight	Design Temperature (Nom)	30 °C
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87.4 lm/W		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	81.9 lm/W		

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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5 [ 16 mm (T5)]
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg
Energy Consumption kWh/1000 h	54 kWh
Product Data	
Full product code	871829117838500

Order product name	TL5 Essential HO 54W/865 1SL/40
EAN/UPC - Product	8718291178385
Order code	927929386540
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929386540
Net Weight (Piece)	88.500 g

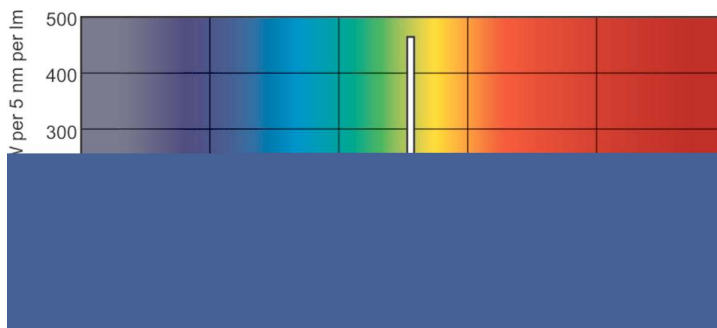
## Dimensional drawing



TL5 54W/865 HO ESSENTIAL

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

## Photometric data



LDPO\_TL5ESS8\_ESS\_865-Spectral power distribution Colour

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