



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	
Cap base	G5 [G5]
Life to 50% failures preheat (nom.)	20000 h
Features	HO [High Output]
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	865 [CCT of 6,500 K]
Lamp Luminous Flux 25°C EL (Nom)	4700 lm
Lamp Luminous Flux (Nom)	4420 lm
Colour Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	87.4 lm/W
Colour Temperature, horizontal (Nom)	6500 K
Lamp Luminous Efficacy EM (Nom)	81.9 lm/W

Colour Rendering Index,horiz (Max)	85
Colour Rendering Index,horiz (Min)	80
Colour Rendering Index,horiz (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

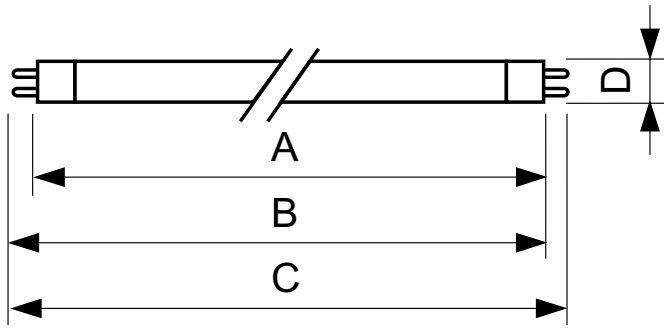
Design temperature (nom.)	30 °C
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb shape	T5 [16 mm (T5)]
Approval and Application	
Mercury (Hg) content (nom.)	2.0 mg
Energy consumption kWh/1,000 hours	54 kWh
Product Data	
Full product code	871829117838500

Order product name	TL5 Essential HO 54W/865 1SL/40
EAN/UPC – product	8718291178385
Order code	927929386540
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927929386540
SAP net weight (piece)	88.500 g

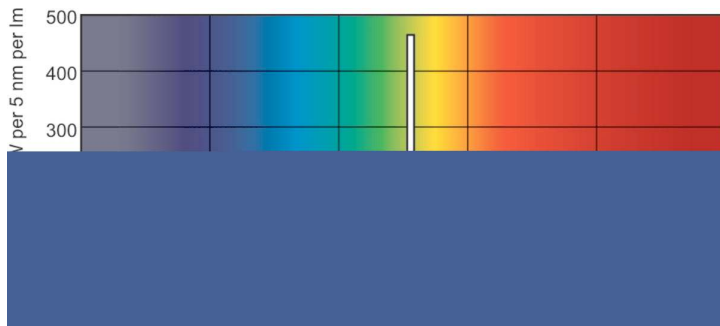
Dimensional drawing



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

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Photometric data



LDPO_TL5ESS8_ESS_865-Spectral power distribution Colour

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