



An affordable TL5 lamp with high light output

TL5 Essential HO Super 80

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

Benefits

- · Allows system miniaturization and maximum freedom in luminaire design
- · Optimized for installations requiring high luminous flux
- · Good color rendering

Features

- \cdot Designed for high lumen output and system miniaturization
- Highly efficient 3-band fluorescent coating in combination with precoating
- $\boldsymbol{\cdot}$ Specifically designed for operation with electronic gear
- Maximum lumen output reached at approx. 35 °C in free burning position if an HF electronic ballast without additional electrode heating is used
- · Can be ignited from -10 °C to +50 °C

Application

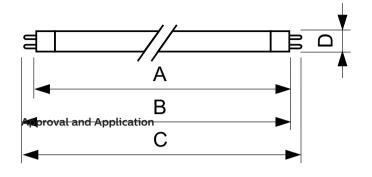
• Industry, public buildings, airports, indoor sports facilities, warehouses

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

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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL5 Essential HO 54W/850	17.0 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
1SL/40					
TL5 Essential HO 54W/865	17.0 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
1SL/40					

General Information	
Cap-Base	G5
Light Technical	
Color rendering index (CRI)	82
Operating and Electrical	
Lamp Current (Nom)	0.460 A
Power Consumption	54 W
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5

Light Technical

			Correlated	Luminous	
			Color	Efficacy	
	Full Product	Color	Temperature	(rated)	Luminous
Order Code	Name	Designation	(Nom)	(Nom)	Flux
Order Code 927929385040		· ·	(Nom) 5000 K	(Nom) 84 lm/W	Flux 4,850 lm

			Correlated Color	Luminous Efficacy	
	Full Product	Color	Temperature	(rated)	Luminous
Order Code	Name	Designation	(Nom)	(Nom)	Flux
	54W/850				



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