



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

- Designed for high lumen output and system miniaturization
- Highly efficient 3-band fluorescent coating in combination with precoating
- 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

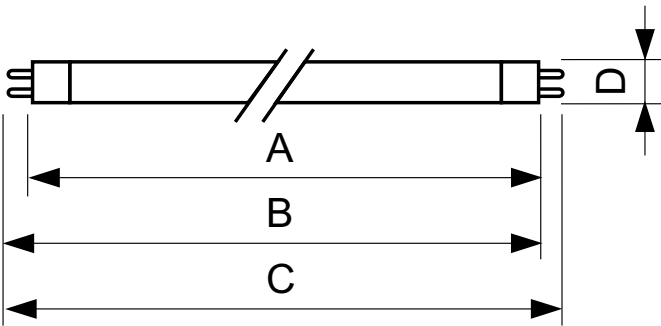
TL5 Essential HO Super 80

Versions



LPPR TL5ESS8

Dimensional drawing



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

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 Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
Order Code	Full Product Name	Color Designation			
927929385040	TL5 Essential HO	850	5000 K	84 lm/W	4,850 lm

TL5 Essential HO Super 80

Order Code	Full Product Name	Color Designation	Correlated Color Temperature	Luminous Efficacy	Luminous Flux
			(Nom)	(rated) (Nom)	
927929386540	54W/850				
	1SL/40				
	TL5 Essential	Cool	6500 K	81.9 lm/W	4,700 lm
	HO 54W/865	Daylight			
	1SL/40				

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
927929385040	TL5 Essential HO 54W/850	-	2.2 mg
1SL/40			

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
927929386540	TL5 Essential HO 54W/865	54 kWh	2.0 mg
1SL/40			

