



Product Description

MASTER TL5 High Output

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

Benefits

- Allows system miniaturization and maximum luminaire design freedom
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- Lamp lengths enable easy fitting into ceiling module systems
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- Optimized for installations which need high luminous flux
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- Virtually constant lumen level with excellent lumen maintenance
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- Good color rendering
- Good colour rendering

Features

- 40% thinner than TL-D lamps
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- Designed for high light output and system miniaturization
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- Highly efficient 3-band fluorescent coating in combination with precoating
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- Specifically designed for operation with electronic gear and well-suited for dimming
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- Maximum light output reached at approximately 35 °C in free-burning position if an electronic driver with cut-off feature is used
- Maximum light output reached at approx. 35 °C in free-burning position if an electronic ballast without additional electrode heating is used
- Can be ignited from -15 to +50 °C
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MASTER TL5 High Output

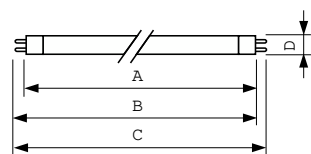
Application

- The combination of a compact lamp and high lumen package of the MASTER TL5 HO offers exciting opportunities for architectural lighting and customized solutions
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- Offers economic solutions with high-ceiling lighting in shops, industry and department stores
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- The high luminous flux gives optimal results in aesthetic pendants and furniture-mounted luminaires in offices, workshops, restaurants and reception areas
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Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 54W/840 SLV/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm
MASTER TL5 HO 54W/865 SLV/40	17 mm	1,149.0 mm	1,156.1 mm	1,153.7 mm	1,163.2 mm

MASTER TL5 High Output

General Information	
Cap-Base	G5
Operating and Electrical	
Lamp Current (Nom)	0.455 A
Power Consumption	54.4 W
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Energy Consumption kWh/1000 h	55 kWh
Mercury (Hg) Content (Nom)	1.2 mg

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color rendering	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	index (CRI)	(rated) (Nom)	
927929084055	MASTER TL5 HO 54W/840 SLV/40	0.38	0.38	Cool White (CW)	4000 K	80	83 lm/W	4,500 lm
927929086555	MASTER TL5 HO 54W/865 SLV/40	0.313	0.337	Cool Daylight	6500 K	82	78 lm/W	4,200 lm

