



# Product Description

## MASTER TL5 High Output

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

### Benefits

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

### Features

- 40% thinner than TL-D lamps
- Designed for high light output and system miniaturisation
- Highly efficient 3-band fluorescent coating in combination with precoating
- Specifically designed for operation with electronic gear and well suited for dimming
- 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

### Application

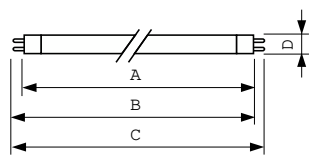
- The combination of a compact lamp and high lumen package of the MASTER TL5 HO offers exciting opportunities for architectural lighting and customised solutions
- Offers economic solutions with high-ceiling lighting in shops, industry and department stores
- The high luminous flux gives optimal results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

### 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.

# MASTER TL5 High Output

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 24W/840 SLV/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm
MASTER TL5 HO 39W/840 SLV/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
MASTER TL5 HO 49W/840 SLV/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
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 HO 80W/840 SLV/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

General Information	
Cap-Base	G5
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Nom)	1.2 mg

## Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	rendering index (CRI)		
927927584055	MASTER TL5 HO 49W/840 SLV/40	0.38	0.38	Cool White (CW)	4000 K	80	89 lm/W	4,375 lm
927928084055	MASTER TL5 HO 24W/840 SLV/40	0.38	0.38	Cool White (CW)	4000 K	82	76 lm/W	1,700 lm
927928584055	MASTER TL5 HO 39W/840 SLV/40	0.38	0.38	Cool White (CW)	4000 K	82	82 lm/W	3,100 lm
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
927929584057	MASTER TL5 HO 80W/840 SLV/40	0.38	0.38	Cool White (CW)	4000 K	81	82 lm/W	6,550 lm

## Operating and Electrical

# MASTER TL5 High Output

Order Code	Full Product Name	Lamp Current	
		(Nom)	Power Consumption
927927584055	MASTER TL5 HO 49W/840 SLV/40	0.255 A	49.3 W
927928084055	MASTER TL5 HO 24W/840 SLV/40	0.295 A	22.7 W
927928584055	MASTER TL5 HO 39W/840 SLV/40	0.325 A	38.0 W

Order Code	Full Product Name	Lamp Current	
		(Nom)	Power Consumption
927929084055	MASTER TL5 HO 54W/840 SLV/40	0.455 A	54.4 W
927929086555	MASTER TL5 HO 54W/865 SLV/40	0.455 A	54.4 W
927929584057	MASTER TL5 HO 80W/840 SLV/40	0.530 A	79.8 W

## Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927927584055	MASTER TL5 HO 49W/840 SLV/40	50 kWh
927928084055	MASTER TL5 HO 24W/840 SLV/40	23 kWh
927928584055	MASTER TL5 HO 39W/840 SLV/40	38 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927929084055	MASTER TL5 HO 54W/840 SLV/40	55 kWh
927929086555	MASTER TL5 HO 54W/865 SLV/40	55 kWh
927929584057	MASTER TL5 HO 80W/840 SLV/40	80 kWh

