



Long life fluorescent lighting

MASTER TL5 High Output Xtra

This TL5 lamp (tube diameter 16 mm) combines the advantages of a TL5 High Output lamp (TL5 HO lamps are optimized for installations requiring high light output and offer excellent lumen maintenance and color rendering) with a long and reliable lifetime. This results in extra-low maintenance costs and saves on expensive spot replacement. Main applications are places where lamp replacement costs and/or costs of disruption are high.

Benefits

- Longer lifetime and fewer early failures mean lower maintenance costs and facilitate change from spot to group replacement
- Less waste and disposal cost at end-of-life
- Allows system miniaturisation with maximum luminaire design freedom

Features

- Significant reduction of early failures through advanced long life technology
- Extra long lifetime
- Designed for high light output and system miniaturization (40% thinner than TL-D lamps)
- Maximum light output reached at approximately 35 °C in free-burning position if an electronic driver with cut-off feature is used
- Low mercury dose

Application

- Where maintenance costs are high, e.g. high ceilings or other hard-to-reach locations
- Department stores, supermarkets, warehouses, production halls and public areas like car parks and railway stations

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Warnings and Safety

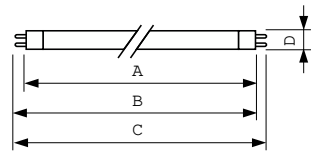
- Philips HF Xtreme gear ensures longest lifetime.
- To achieve lifetimes as published for 100% operation, dimming below 30% should not be applied.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably 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.

Versions



LPPR TL5HO8Xa G5

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Xtra 49W/840 SLV/20	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
MASTER TL5 HO Xtra 80W/840 SLV/20	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

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General Information	
Cap-Base	G5
Light Technical	
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T5
Approval and Application	
Mercury (Hg) Content (Max)	3 mg
Mercury (Hg) Content (Nom)	3.0 mg

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
927927784026	MASTER TL5 HO Xtra 49W/840 SLV/20	89 lm/W	4,375 lm
927929784026	MASTER TL5 HO Xtra 80W/840 SLV/20	80 lm/W	6,400 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927927784026	MASTER TL5 HO Xtra 49W/840 SLV/20	0.255 A	50.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927929784026	MASTER TL5 HO Xtra 80W/840 SLV/20	0.530 A	80.4 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
927927784026	MASTER TL5 HO Xtra 49W/840 SLV/20	50 kWh

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h
927929784026	MASTER TL5 HO Xtra 80W/840 SLV/20	81 kWh

