



# MASTER TL5 High Output Xtra

# MASTER TL5 HO Xtra 80W/840 SLV/20

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.

#### **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.

#### **Product data**

General Information				
Cap-Base	G5 [G5]			
Flux measurement reference	Sphere			
Light Technical				
Color Code	840 [CCT of 4000K]			
Luminous Flux	6,400 lumen			
Color Designation	Cool White (CW)			
Chromaticity Coordinate X (Nom)	0.38			
Chromaticity Coordinate Y (Nom)	0.38			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	80 lm/W			

Color rendering index (CRI)	80			
Operating and Electrical				
Power Consumption	80.4 W			
Lamp Current (Nom)	0.530 A			
Controls and Dimming				
Dimmable	Yes			
Mechanical and Housing				
Bulb Shape	T5 [16 mm (T5)]			

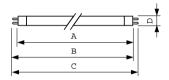
Datasheet, 2023, May 15 data subject to change

# **MASTER TL5 High Output Xtra**

Approval and Application			
Mercury (Hg) Content (Max)	3 mg		
Mercury (Hg) Content (Nom)	3.0 mg		
Energy Consumption kWh/1000 h	81 kWh		
EPREL Registration Number	423,574		
Product Data			
Full product code	871150026303205		
Order product name	MASTER TL5 HO Xtra 80W/840 SLV/20		

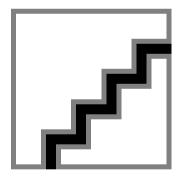
Order code	927929784026
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material number (12NC)	927929784026
Full product name	MASTER TL5 HO Xtra 80W/840 SLV/20
EAN/UPC - Case	8711500263049

# Dimensional drawing



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

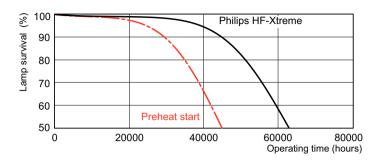
## Photometric data

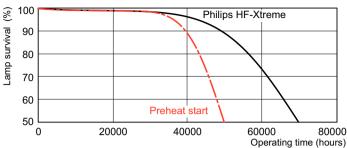


Spectral Power Distribution Colour - MASTER TL5 HO Xtra 80W/840 SLV/20

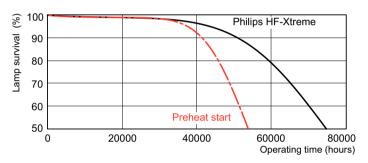
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### Lifetime





### Life Expectancy Diagram - MASTER TL5 HO Xtra 80W/840 SLV/20



### Life Expectancy Diagram - MASTER TL5 HO Xtra 80W/840 SLV/20



Life Expectancy Diagram - MASTER TL5 HO Xtra 80W/840 SLV/20

Lumen Maintenance Diagram - MASTER TL5 HO Xtra 80W/840 SLV/20



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