

MASTER TL5 High Output Xtra

MASTER TL5 HO Xtra 80W/830 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.

Product data

• General Information

Cap-Base	G5 [G5]
Life To 50% Failures	45000 h
Preheat (Nom)	
System Description	High Output
LSF Preheat 2000 h Rated	100 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	98 %
LSF Preheat 20000 h Rated	97 %

• Light Technical

Color Code	830 [CCT of 3000K]
Luminous Flux (Nom)	7000 lm
Luminous Flux (Rated) (Nom)	6400 lm
Color Designation	Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W
Chromaticity Coordinate X (Nom)	440
Chromaticity Coordinate Y (Nom)	403
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Color Rendering Index (Max)	85
Color Rendering Index (Min)	80
Color Rendering Index (Nom)	82
LLMF 2000 h Rated	96 %
LLMF 4000 h Rated	95 %
LLMF 6000 h Rated	94 %
LLMF 8000 h Rated	93 %
LLMF 12000 h Rated	92 %
LLMF 16000 h Rated	91 %
LLMF 20000 h Rated	90 %

• Operating and Electrical

Power (Rated) (Nom)	79.8 W
Lamp Current (Nom)	0.530 A

• Temperature

Design Temperature (Nom)	35 °C

• Controls and Dimming

Dimmable	Yes

• Mechanical and Housing

Cap-Base Information	Green Plate

• Approval and Application

Energy Efficiency Label (EEL)	A

PHILIPS

MASTER TL5 High Output Xtra

Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	88 kWh

- Product Data

Full product code	871150026261505
Order product name	MASTER TL5 HO Xtra 80W/830 SLV/20
EAN/UPC - Product	8711500262615
Order code	927929783026
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927929783026
Net Weight (Piece)	128.700 g
ILCOS Code	FDH-80/30/1B-L/P-G5-16/1450

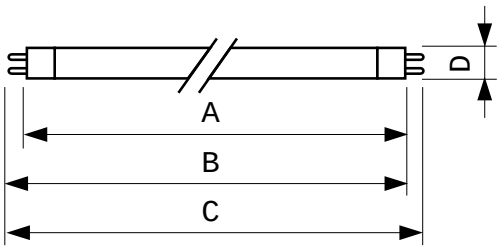
Warnings and Safety

- 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.

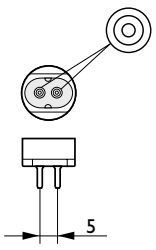
Dimensional drawing

TL5 HO Xtra 80W/830

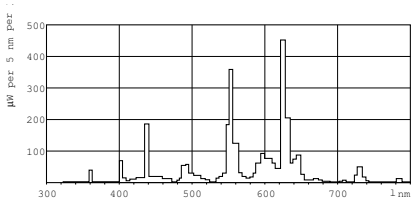
Product	D	A	B	B	C
MASTER TL5 HO Xtra 80W/830 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

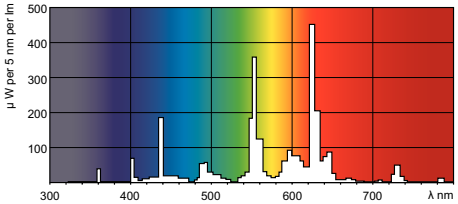


G5, T5



Photometric data





© 2015 Philips Lighting Holding B.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2015, December 28
data subject to change