

MASTER TL5 High Output Xtra

MASTER TL5 HO Xtra 80W/840 1SL/20

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

Product data

- General Information

Cap-Base	G5 [G5]
Life To 50% Failures	45000 h
Preheat (Nom)	
System Description	High Output (HO)
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

Colour Code	840 [CCT of 4000K (841)]
Luminous Flux (Nom)	7000 lm
Luminous Flux (Rated) (Nom)	6400 lm
Colour Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W
Chromaticity Coordinate X (Nom)	380
Chromaticity Coordinate Y (Nom)	380
Colour Temperature, horizontal (Nom)	4100 K
Luminous Efficacy (rated) (Nom)	80 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	82
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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

PHILIPS

MASTER TL5 High Output Xtra

- Approval and Application

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

- Product Data

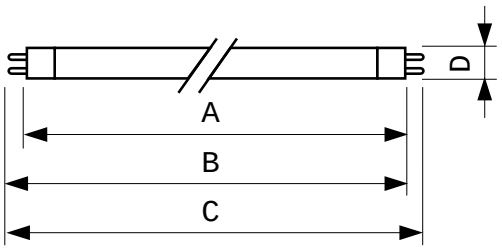
Full product code	871150026303205

Order product name	MASTER TL5 HO Xtra 80W/840 SLV/20
EAN/UPC - Product	8711500263032
Order code	26303205
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927929784026
Net Weight (Piece)	128.700 g
ILCOS Code	FDH-80/40/1B-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.

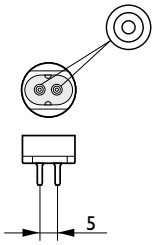
Dimensional drawing



TL5 HO Xtra 80W/840

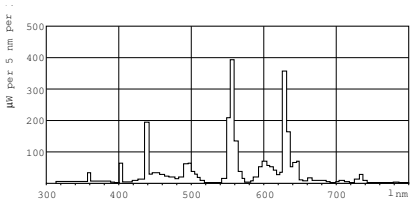
Product	D	A	B	B	C
MASTER TL5 HO Xtra 80W/840 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

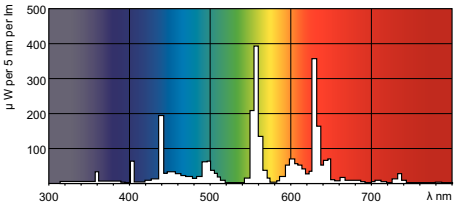
G5, T5



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Photometric data





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2015, December 28
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