



MASTER TL5 High Output Xtra

MASTER TL5 HO Xtra 49W/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.

Product data

General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	G5 [G5]		89 lm/W
Life to 50% Failures Preheat (Nom)	45000 h	Color Rendering Index (Max)	85
System Description	High Output	Color Rendering Index (Min)	80
LSF Preheat 2000 h Rated	100 %	Color Rendering Index (Nom)	82
LSF Preheat 4000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 6000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 8000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 16000 h Rated	98 %	LLMF 8000 h Rated	93 %
LSF Preheat 20000 h Rated	97 %	LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Power (Nom)	49.2 W
Luminous Flux (Nom)	4900 lm	Lamp Current (Nom)	0.255 A
Luminous Flux (Rated) (Nom)	4375 lm		
Color Designation	Cool White (CW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W		
Correlated Color Temperature (Nom)	4000 K	Temperature	
		Design Temperature (Nom)	35 °C

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Cap-Base Information	Green Plate
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	3.0 mg
Energy Consumption kWh/1000 h	54 kWh

Product Data

Full product code	871150026253005
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Order product name	MASTER TL5 HO Xtra 49W/840 SLV/20
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EAN/UPC - Product	8711500262530
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Order code	927927784026
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Numerator - Quantity Per Pack	1
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Numerator - Packs per outer box	20
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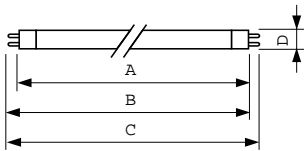
Material Nr. (12NC)	927927784026
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Net Weight (Piece)	127.400 g
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ILCOS Code	FDH-49/40/1B-L/P-G5-16/1450
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Warnings and Safety

Dimensional drawing

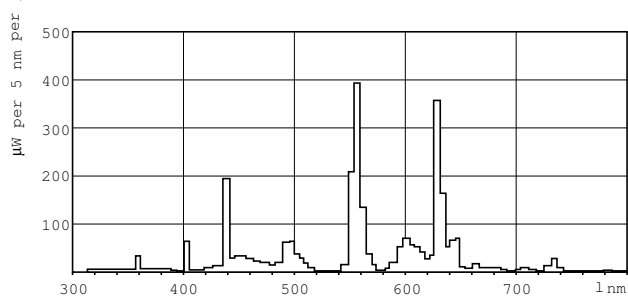


Product

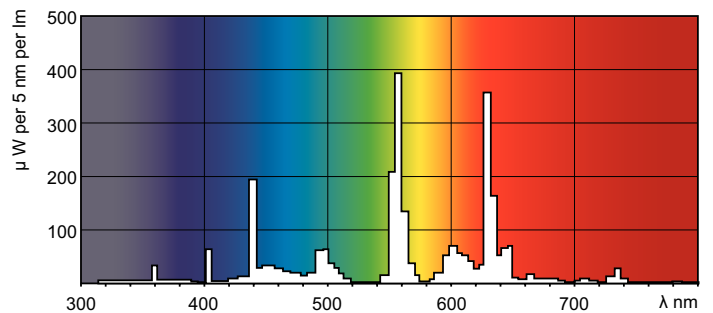
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Photometric data



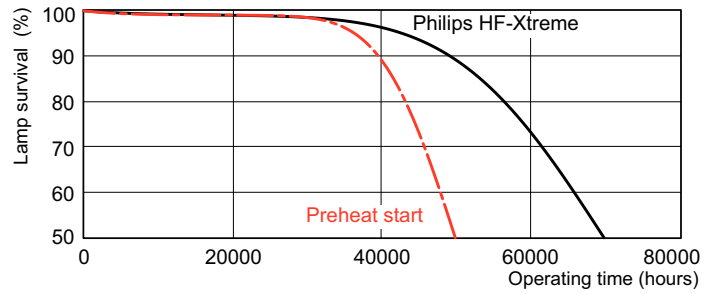
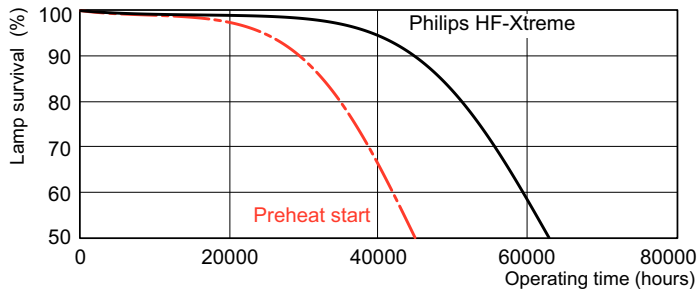
LDPB_TL5HO8Xa_840-Spectral power distribution B/W



LDPO_TL5HO8Xa_840-Spectral power distribution Colour

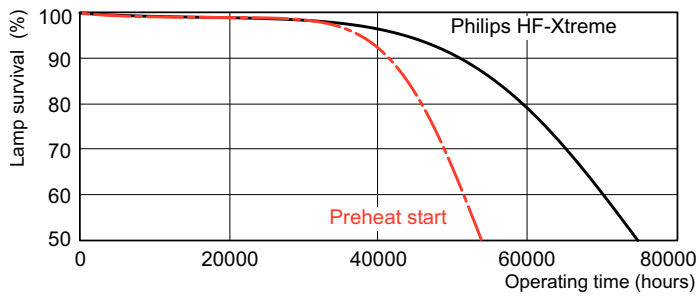
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Lifetime



LDLE_TL5HO8Xa_0001-Life expectancy diagram

LDLE_TL5HO8Xa_0002-Life expectancy diagram



LDLE_TL5HO8Xa_0003-Life expectancy diagram

LDLM_TL5HO8Xa_0001-Lumen maintenance diagram

