



MASTER TL5 High Output

MASTER TL5 HO 80W/840 SLV/20

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

General Information		Color Rendering Index (Max)	
Cap-Base	G5 [G5]	Color Rendering Index (Max)	85
Life to 50% Failures Preheat (Nom)	30000 h	Color Rendering Index (Min)	80
Features	HO Alto® [High Output Alto]	Color Rendering Index (Nom)	82
System Description	High Output	LLMF 2000 h Rated	96 %
LSF Preheat 2000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 4000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 6000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 8000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 16000 h Rated	97 %	LLMF 16000 h Rated	91 %
LSF Preheat 20000 h Rated	84 %	LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Power (Nom)	79.8 W
Luminous Flux (Nom)	7000 lm	Lamp Current (Nom)	0.530 A
Luminous Flux (Rated) (Nom)	6550 lm	Temperature	
Color Designation	Cool White (CW)	Design Temperature (Nom)	35 °C
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	82 lm/W		

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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)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh

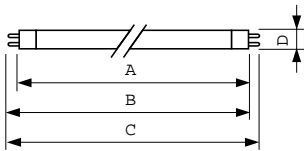
Product Data

Full product code	871150071045105
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Order product name	MASTER TL5 HO 80W/840 SLV/20
EAN/UPC - Product	8711500710451
Order code	927929584061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927929584061
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

Warnings and Safety

Dimensional drawing

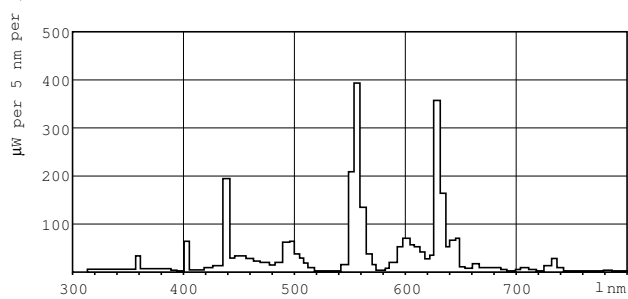


Product

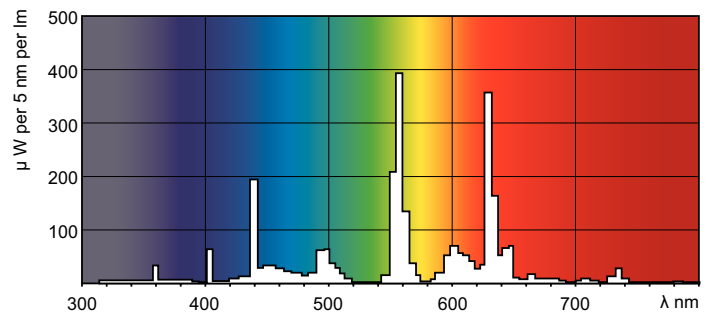
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Photometric data



LDPB_TL5-HO8_840-Spectral power distribution B/W



LDPO_TL5-HO8_840-Spectral power distribution Colour

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Lifetime



LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

