



MASTER TL5 High Output

MASTER TL5 HO 80W/840 UNP/40

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	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	30000 h
Features	HO Alto® [High Output Alto]
System Description	High Output
LSF Preheat 2000 h Rated	99 %
LSF Preheat 4000 h Rated	99 %
LSF Preheat 6000 h Rated	99 %
LSF Preheat 8000 h Rated	99 %
LSF Preheat 16000 h Rated	97 %
LSF Preheat 20000 h Rated	84 %

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

Temperature	
Design Temperature (Nom)	35 °C

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	7000 lm
Luminous Flux (Rated) (Nom)	6550 lm
Color Designation	Cool White (CW)
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

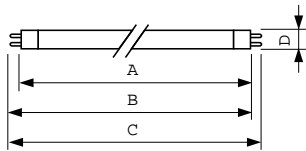
Product Data

Full product code	871150064438155
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Order product name	MASTER TL5 HO 80W/840 UNP/40
EAN/UPC - Product	8711500644381
Order code	927929584018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929584018
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

Warnings and Safety

Dimensional drawing

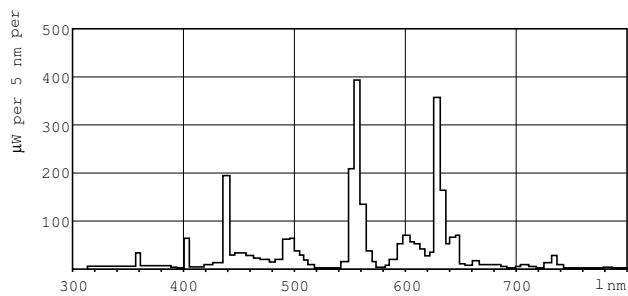


Product

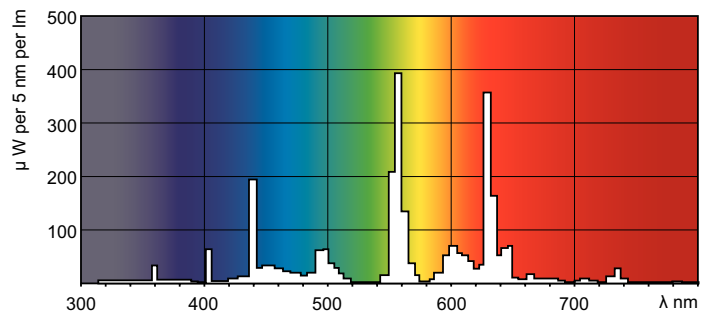
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Photometric data



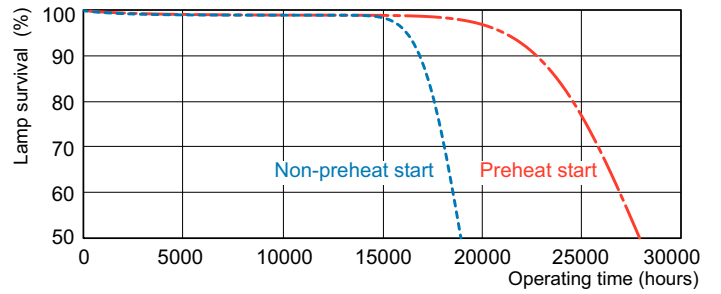
LDPB_TL5-HO8_840-Spectral power distribution B/W



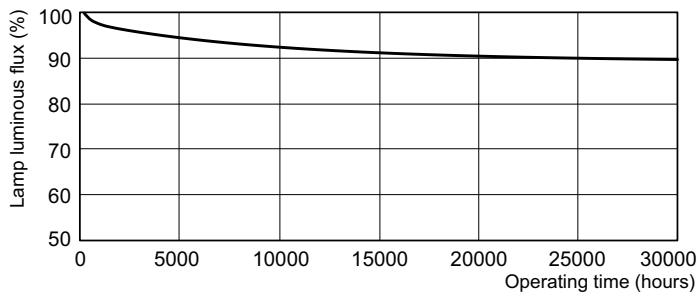
LDPO_TL5-HO8_840-Spectral power distribution Colour

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Lifetime



LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

