

MASTER TL5 High Output

MASTER TL5 HO 80W/830 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	na [Not Applicable]	
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		830 [CCT of 3000K]
Luminous Flux (Nom)		7000 lm
Luminous Flux (Rated) (Nom)		6550 lm
Color Designation		Warm White (WW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)		88 lm/W
Correlated Color Temperature (Nom)		3000 K
Luminous Efficacy (rated) (Nom)		82 lm/W

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Controls and Dimming

Dimmable Yes

Mechanical and Housing

Cap-Base Information Green Plate

Approval and Application

Energy Efficiency Label (EEL) A

Mercury (Hg) Content (Nom) 1.4 mg

Energy Consumption kWh/1000 h 88 kWh

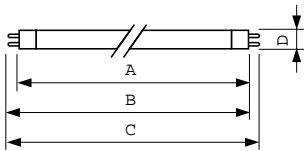
Product Data

Full product code 871150064436755

Order product name	MASTER TL5 HO 80W/830 UNP/40
EAN/UPC - Product	8711500644367
Order code	927929583018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929583018
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/30/1B-L/P-G5-16/1450

Warnings and Safety

Dimensional drawing

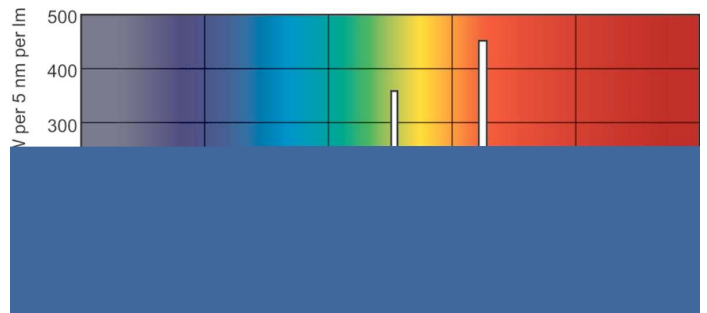
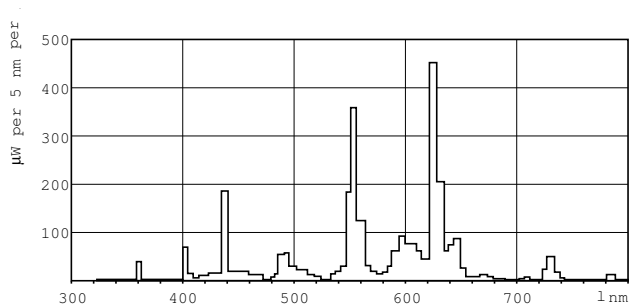


Product

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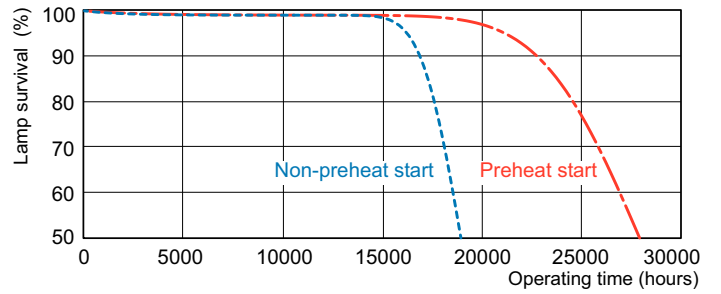
Photometric data



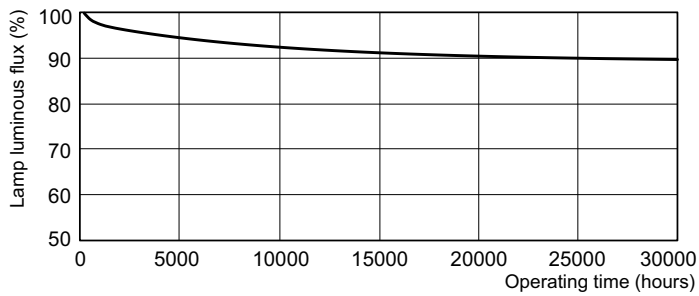
LDPB_TL5-HO8_830-Spectral power distribution B/W

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Lifetime



LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

