

Lighting

PHILIPS

MASTER TL5 High Output

MASTER TL5 HO 80W/830 SLV/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 %

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

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

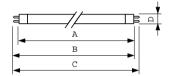
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Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh
Product Data	
Full product code	871150071040655

Order product name	MASTER TL5 HO 80W/830 SLV/40
EAN/UPC - Product	8711500710406
Order code	927929583057
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929583057
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/30/1B-L/P-G5-16/1450

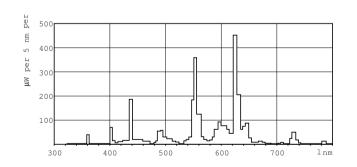
Warnings and Safety

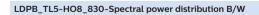
Dimensional drawing



TL5 HO 80W/830

Photometric data





Datasheet, 2020, March 19

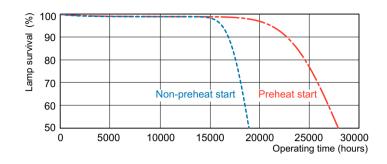
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Product

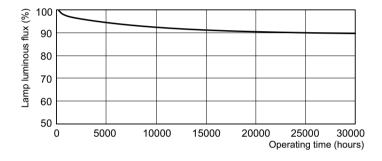
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Lifetime







LDLM_TL5-HO8_0001-Lumen maintenance diagram



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