



MASTER TL5 High Output

MASTER TL5 HO 80W/865 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	865 [CCT of 6500K]
Luminous Flux (Nom)	6300 lm
Luminous Flux (Rated) (Nom)	6300 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	83 lm/W
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	79 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)	80 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 871150071047555

Order product name MASTER TL5 HO 80W/865 SLV/40

EAN/UPC - Product 8711500710475

Order code 927929586557

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927929586557

Net Weight (Piece) 127.400 g

ILCOS Code FDH-80/65/1B-L/P-G5-16/1450

Warnings and Safety

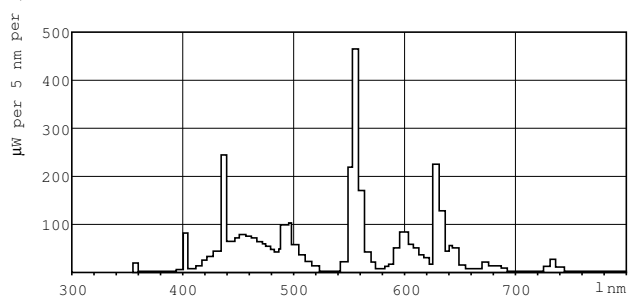
Dimensional drawing

Product

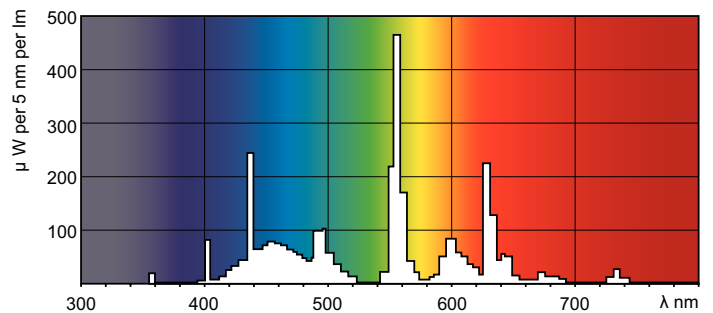
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TL5 HO 80W/865

Photometric data



LDPB_TL5-HO8_865-Spectral power distribution B/W



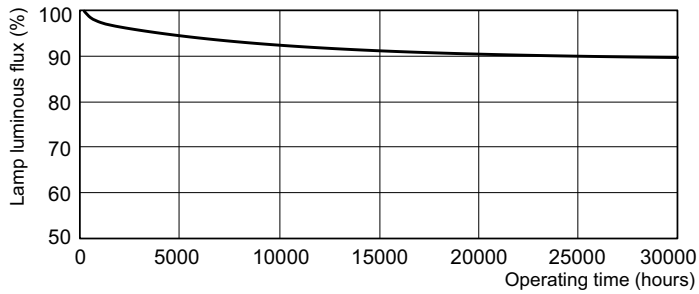
LDPO_TL5-HO8_865-Spectral power distribution Colour

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Lifetime



LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

