



MASTER TL5 High Efficiency

MASTER TL5 HE 35W/865 SLV/40

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

General Information		Color Rendering Index (Max)	
Cap-Base	G5 [G5]	Color Rendering Index (Min)	80
Life to 50% Failures Preheat (Nom)	24000 h	Color Rendering Index (Nom)	82
Features	na [Not Applicable]	LLMF 2000 h Rated	96 %
System Description	High Efficiency	LLMF 4000 h Rated	95 %
LSF Preheat 2000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 4000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 6000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 8000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF Preheat 16000 h Rated	97 %	LLMF 20000 h Rated	90 %
LSF Preheat 20000 h Rated	84 %		
Light Technical		Operating and Electrical	
Color Code	865 [CCT of 6500K]	Power (Nom)	35.5 W
Luminous Flux (Nom)	3400 lm	Lamp Current (Nom)	0.175 A
Luminous Flux (Rated) (Nom)	3100 lm		
Color Designation	Cool Daylight	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	97 lm/W	Design Temperature (Nom)	35 °C
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	87 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	38 kWh

Product Data

Full product code	871150071018555
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Order product name	MASTER TL5 HE 35W/865 SLV/40
EAN/UPC - Product	8711500710185
Order code	927927086555
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927927086555
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-35/65/1B-L/P-G5-16/1450

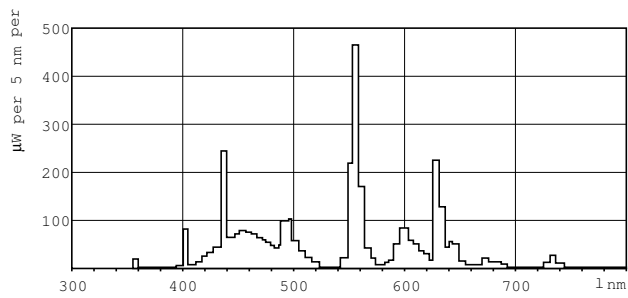
Dimensional drawing



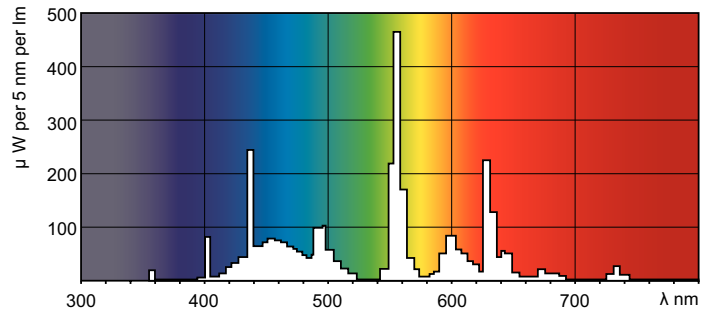
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 35W/865 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 35W/865/GP HE

Photometric data



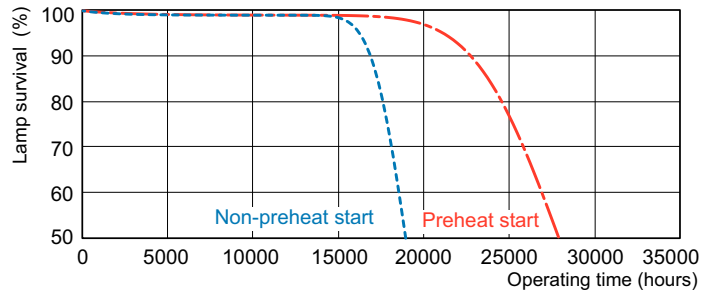
LDPB_TL5-HE8_865-Spectral power distribution B/W



LDPO_TL5-HE8_865-Spectral power distribution Colour

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Lifetime



LDLE_TL5-HE8_0001-Life expectancy diagram

LDLE_TL5-HE8_0002-Life expectancy diagram



LDLM_TL5-HE8_0001-Lumen maintenance diagram

