



# 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		
Cap-Base	G5 [ G5]	
Life to 50% Failures Preheat (Nom)	24000 h	
Features	na [ Not Applicable]	
System Description	High Efficiency	
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 %
Light Technical		
Color Code	865 [ CCT of 6500K]	
Luminous Flux (Nom)	3400 lm	
Luminous Flux (Rated) (Nom)	3100 lm	
Color Designation	Cool Daylight	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	98 lm/W	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	97 lm/W	
Operating and Electrical		
Power (Nom)	35.5 W	
Lamp Current (Nom)	0.175 A	
Temperature		
Design Temperature (Nom)	35 °C	

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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

## Warnings and Safety

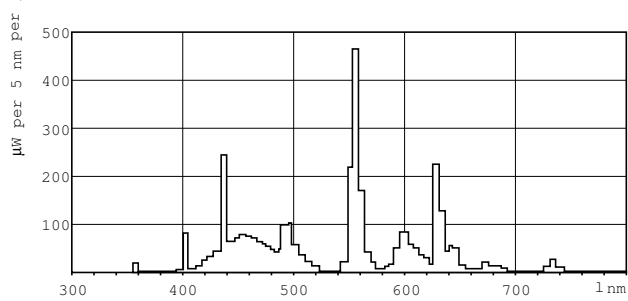
## Dimensional drawing



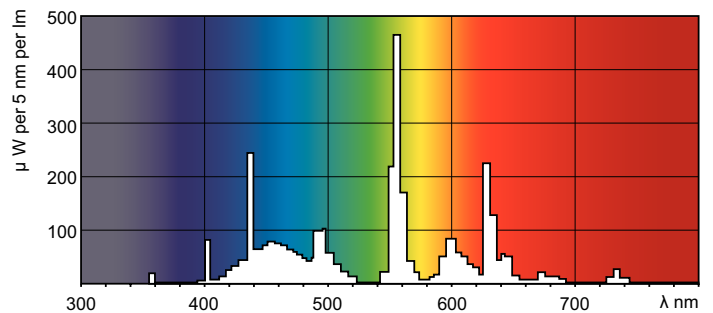
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 35W/865 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

## TL5 35W/865/GP HE

## Photometric data



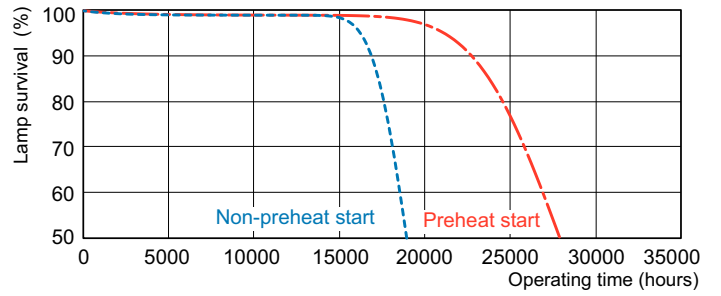
LDPB\_TL5-HE8\_865-Spectral power distribution B/W



LDPO\_TL5-HE8\_865-Spectral power distribution Colour

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## Lifetime



LDLE\_TL5-HE8\_0002-Life expectancy diagram

