



# MASTER TL5 High Efficiency

## MASTER TL5 HE 21W/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 %
Light Technical	
Color Code	865 [ CCT of 6500K]
Luminous Flux (Nom)	1950 lm
Luminous Flux (Rated) (Nom)	1725 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	94 lm/W
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	84 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)	20.6 W
Lamp Current (Nom)	0.165 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	23 kWh

## Product Data

Full product code	871150071011655
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Order product name	MASTER TL5 HE 21W/865 SLV/40
EAN/UPC - Product	8711500710116
Order code	927926286555
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926286555
Net Weight (Piece)	79.200 g
ILCOS Code	FDH-21/65/1B-L/P-G5-16/850

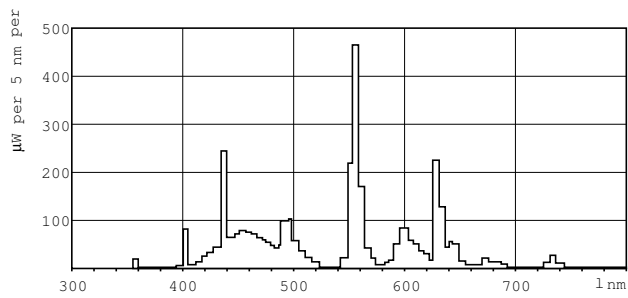
## Dimensional drawing



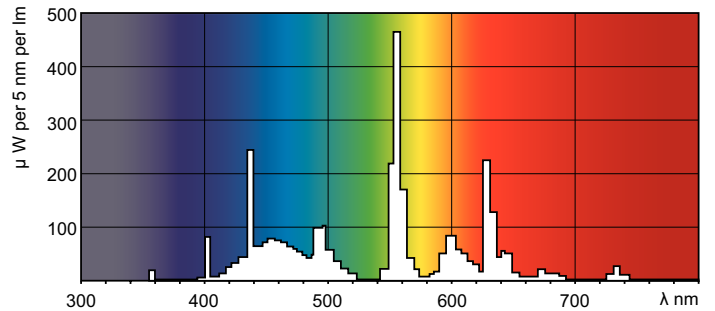
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/865 SLV/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm

## TL5 21W/865/GP HE

## Photometric data



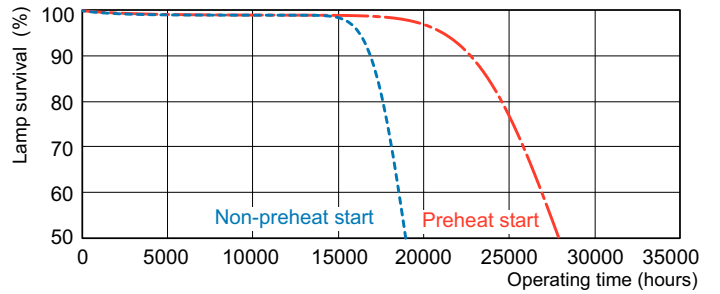
LDPB\_TL5-HE8\_865-Spectral power distribution B/W



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

# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

