



# 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 ℃

Datasheet, 2019, December 13 data subject to change

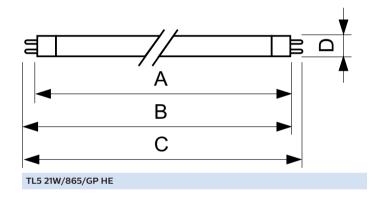
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Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Cap-Base Information	Green Plate	
Approval and Application		
Energy Efficiency Label (EEL)	A+	
Mercury (Hg) Content (Nom)	1.4 mg	
Energy Consumption kWh/1000 h	23 kWh	
Product Data		
Full product code	871150071011655	

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

## **Warnings and Safety**

## Dimensional drawing

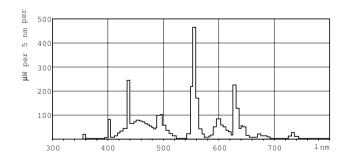


 Product
 D (max)
 A (max)
 B (max)
 B (min)
 C (max)

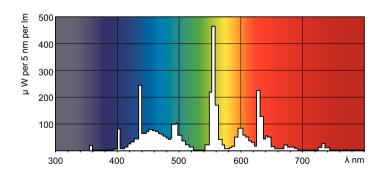
 MASTER TL5 HE 21W/865
 17 mm
 849.0 mm
 856.1 mm
 853.7 mm
 863.2 mm

 SLV/40

#### Photometric data



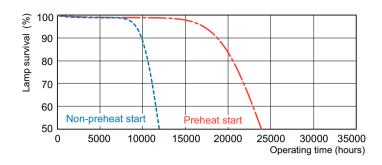


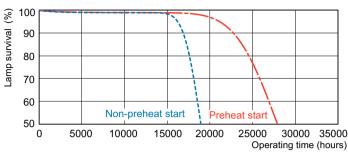


LDPO\_TL5-HE8\_865-Spectral power distribution Colour

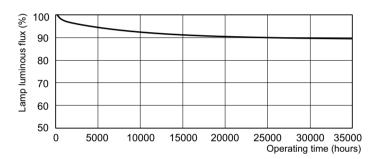
# **MASTER TL5 High Efficiency**

#### Lifetime





LDLE\_TL5-HE8\_0002-Life expectancy diagram





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