# **PHILIPS** Lighting

# **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 %

LSF Preheat 16000 h Rated	97 %	LLMF 20000 h Rated
LSF Preheat 20000 h Rated	84 %	
		Operating and Electr
Light Technical		Power (Nom)
Color Code	865 [ CCT of 6500K]	Lamp Current (Nom)
Luminous Flux (Nom)	1950 lm	
Luminous Flux (Rated) (Nom)	1725 lm	Temperature
Color Designation	Cool Daylight	Design Temperature (No
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

## **MASTER TL5 High Efficiency**

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		

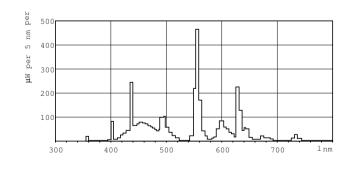
#### Warnings and Safety

Dimensional drawing

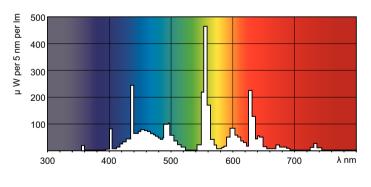
Product	D (max)	A (max)	B (max)	B (min)	C (max)	
MASTER TL5 HE 21W/865	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm	
SLV/40						

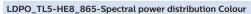
#### TL5 21W/865/GP HE

#### Photometric data



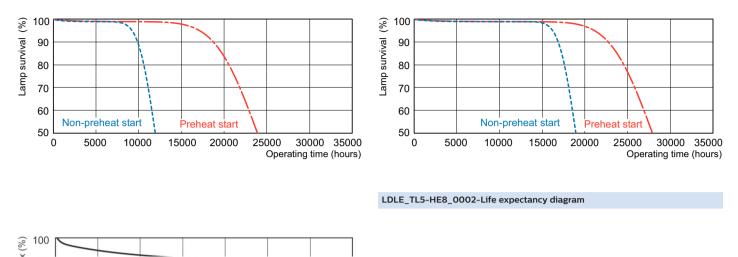
LDPB\_TL5-HE8\_865-Spectral power distribution B/W





## **MASTER TL5 High Efficiency**

#### Lifetime





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