

# Lighting

**PHILIPS** 

# MASTER TL5 High Efficiency

# MASTER TL5 HE 21W/865 SLV/40

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

#### Warnings and Safety

• A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

#### **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 2,000 hours rated	99 % 99 %			
LSF preheat 4,000 hours rated				
LSF preheat 6,000 hours rated	99 %			
LSF preheat 8,000 hours rated	99 % 97 %			
LSF preheat 16,000 hours rated				
LSF preheat 20,000 hours rated	84 %			
Light Technical				
Colour Code	865 [ CCT of 6,500 K]			
Lamp Luminous Flux 25°C EL (Nom)	1950 lm			
Lamp Luminous Flux (Nom)	1725 lm			
Colour Designation	Cool Daylight			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	94 lm/W			
Colour Temperature, horizontal (Nom)	6500 K			

Lamp Luminous Efficacy EM (Nom)	84 lm/W	
Colour Rendering Index,horiz (Max)	85	
Colour Rendering Index,horiz (Min)	80	
Colour Rendering Index,horiz (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 (Rated) (Nom)	20.6 W	
Lamp current (nom.)	0.165 A	
Temperature		
Design temperature (nom.)	35 ℃	

## **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/1,000 hours	23 kWh
Product Data	
Full product code	871150071011655

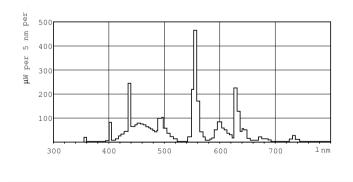
Order product name	MASTER TL5 HE 21W/865 SLV/40		
EAN/UPC – product	8711500710116		
Order code	927926286555		
Local code	TL521W865HE		
SAP numerator – quantity per pack	1 40		
Numerator – packs per outer box			
Material no. (12 NC)	927926286555		
SAP net weight (piece)	79.200 g		
ILCOS code	FDH-21/65/1B-L/P-G5-16/850		

#### Dimensional drawing

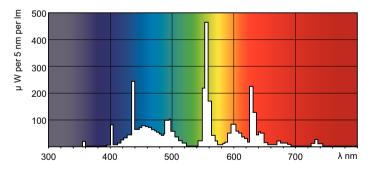
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/865	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
SLV/40					

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

#### Photometric data



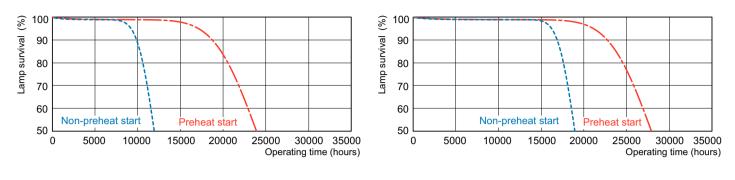
Lightcolour /865





### **MASTER TL5 High Efficiency**

#### Lifetime





LDLE\_TL5-HE8\_0002-Life expectancy diagram

LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

LDLE\_TL5-HE8\_0001-Life expectancy diagram



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