#### Datasheet, 2022, May 4

data subject to change

# Chromaticity coordinate X (nom.)

Chromaticity coordinate X (nom.)	0.44
Chromaticity coordinate Y (nom.)	0.403
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	90 lm/W
Color rendering index (max.)	85
Colour-rendering index (min.)	80
Colour 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 (Rated) (Nom)	20.8 W
Lamp current (nom.)	0.165 A

## Efficiency

**MASTER TL5 High** 

### MASTER TL5 HE 21W/830 1SL/40

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

#### Warnings and Safety

**PHILIPS** 

Lighting

• 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 %		
LSF preheat 4,000 hours rated	99 %		
LSF preheat 6,000 hours rated	99 %		
LSF preheat 8,000 hours rated	99 %		
LSF preheat 16,000 hours rated	97 %		
LSF preheat 20,000 hours rated	84 %		
	Sphere		
Light Technical			
Colour Code	830 [ CCT of 3,000 K]		
Luminous flux (nom.)	1900 lm		
Luminous flux (rated) (nom.)	1850 lm		
Colour designation	Warm white (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W		

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Operating and Electrical	
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amp current (nom.)	0.165 A





#### **MASTER TL5 High Efficiency**

Temperature	
Design temperature (nom.)	35 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-base information	Green Plate
Bulb shape	T5 [ 16 mm (T5)]
Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) content (max.)	1.4 mg
Mercury (Hg) content (nom.)	1.4 mg
Energy consumption kWh/1,000 hours	21 kWh

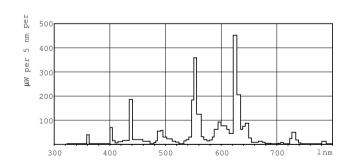
	423452		
Product Data			
Full product code	871150063942455		
Order product name	MASTER TL5 HE 21W/830 SLV/40		
EAN/UPC – product	8711500639424		
Order code	63942455		
Local order code	21830		
SAP numerator – quantity per pack	1		
Numerator – packs per outer box	40		
SAP material	927926283055		
SAP net weight (piece)	79.200 g		
ILCOS code FDH-21/30/1B-L/P-G5-			

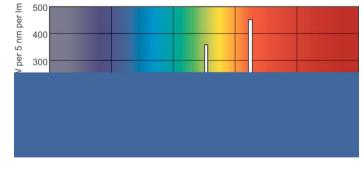
#### Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 21W/830	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm
SLV/40					

MASTER TL5 HE 21W/830 SLV/40

#### Photometric data



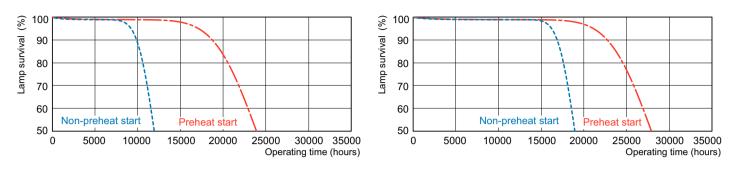


Lightcolour /830

Lightcolour /830

#### **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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