



# MASTER TL5 High Efficiency

MASTER TL5 HE 21W/840 SLV/40

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

## Product data

### • General Information

Cap base	G5 [ G5]
Bulb shape	T5 [ 16 mm (T5)]
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

Lamp Luminous Flux 25°C EL (Nom)	2100 lm
Lamp Luminous Flux (Nom)	1850 lm
Colour Designation	Cool White (CW)
Luminous efficacy (@ max. lumen, rated) (nom.)	101 lm/W
Chromaticity coordinate X (nom.)	380
Chromaticity coordinate Y (nom.)	380
Colour Temperature, horizontal (Nom)	4100 K

Lamp Luminous Efficacy EM (Nom)	90 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 °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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# PHILIPS

# MASTER TL5 High Efficiency

## • 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	871150063944855
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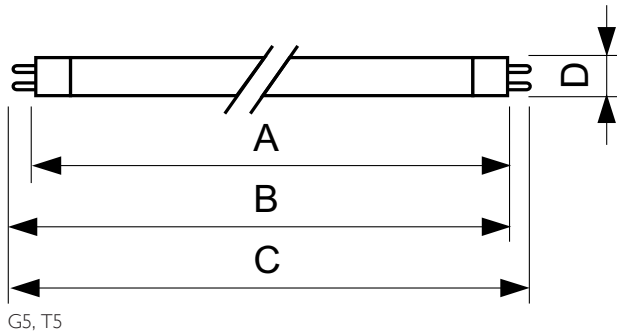
Order product name	MASTER TL5 HE 21W/840 SLV/40
EAN/UPC – product	8711500639448
Order code	927926284055
Local Code	TL521W840HE
Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926284055
Net weight (piece)	80.500 g
ILCOS Code	FDH-21/40/1B-L/P-G5-16/850

## 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

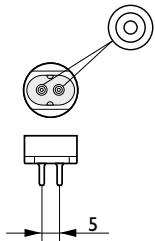
remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

## Dimensional drawing

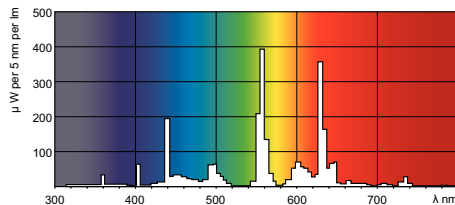
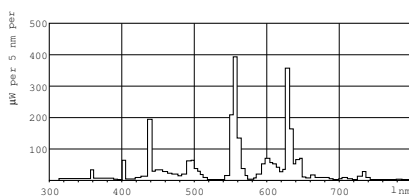


### TL5 21W/840/GP HE

Product	D	A	B	B	C
MASTER TL5 HE 21W/840 SLV/40	17 mm	849.0 mm	856.1 mm	853.7 mm	863.2 mm



## Photometric data





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2016, November 9  
data subject to change