



# MASTER TL5 High Efficiency

## MASTER TL5 HE 21W/840 1SL/40

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

### 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	
Colour Code	840 [ CCT of 4,000 K]
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
Colour Temperature, horizontal (Nom)	4000 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

Controls and Dimming	
Dimmable	yes

Mechanical and Housing	
Cap base information	Green Plate

Approval and Application	
Energy efficiency label (EEL)	A+

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Mercury (Hg) content (nom.)	1.4 mg
Energy Consumption kWh/1000 h	23 kWh
<b>Product Data</b>	
Full product code	871150063944855
Order product name	MASTER TL5 HE 21W/840 SLV/40
EAN/UPC – product	8711500639448
Order code	63944855

Numerator – quantity per pack	1
Numerator – packs per outer box	40
Material no. (12NC)	927926284055
Net weight (piece)	79.200 g
ILCOS Code	FDH-21/40/1B-L/P-G5-16/850

## Warnings and Safety

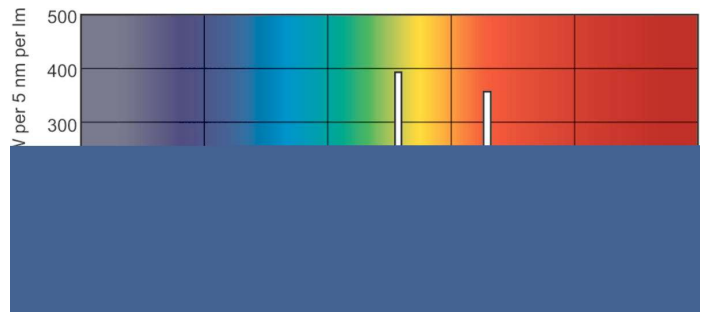
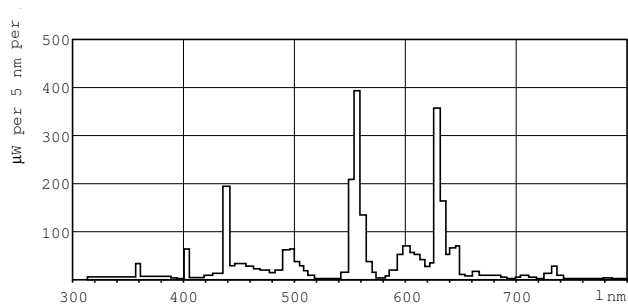
## Dimensional drawing



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

### TL5 21W/840/GP HE

## Photometric data

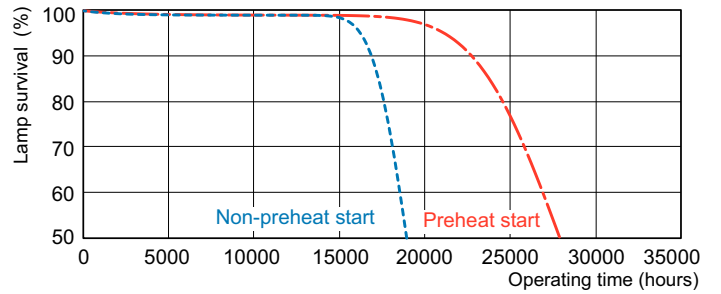


### Lightcolour /840

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# MASTER TL5 High Efficiency

## Lifetime



LDLE\_TL5-HE8\_0001-Life expectancy diagram

LDLE\_TL5-HE8\_0002-Life expectancy diagram



LDLM\_TL5-HE8\_0001-Lumen maintenance diagram

