



# MASTER TL5 High Efficiency

## MASTER TL5 HE 21W/830 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		Chromaticity coordinate X (nom.)		0.44
Cap base	G5 [ G5]	Chromaticity coordinate Y (nom.)		0.403
Life to 50% failures preheat (nom.)	24000 h	Colour Temperature, horizontal (Nom)		3000 K
Features	na [ Not Applicable]	Lamp Luminous Efficacy EM (Nom)		90 lm/W
System description	High Efficiency	Colour Rendering Index,horiz (Max)		85
LSF preheat 2,000 hours rated	99 %	Colour Rendering Index,horiz (Min)		80
LSF preheat 4,000 hours rated	99 %	Colour Rendering Index,horiz (Nom)		82
LSF preheat 6,000 hours rated	99 %	LLMF 2000 h Rated		96 %
LSF preheat 8,000 hours rated	99 %	LLMF 4000 h Rated		95 %
LSF preheat 16,000 hours rated	97 %	LLMF 6000 h Rated		94 %
LSF preheat 20,000 hours rated	84 %	LLMF 8000 h Rated		93 %
	Sphere	LLMF 12000 h Rated		92 %
		LLMF 16000 h Rated		91 %
		LLMF 20000 h Rated		90 %
Light technical		Operating and electrical		
Colour Code	830 [ CCT of 3,000 K]	Power (Rated) (Nom)	20.8 W	
Lamp Luminous Flux 25°C EL (Nom)	1900 lm	Lamp current (nom.)	0.165 A	
Lamp Luminous Flux (Nom)	1850 lm			
Colour Designation	Warm white (WW)			
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W			

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Temperature	
Design temperature (nom.)	35 °C
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 (nom.)	1.2 mg
Energy consumption kWh/1,000 hours	21 kWh

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Product data	
Full product code	871150063942455
Order product name	MASTER TL5 HE 21W/830 SLV/40
EAN/UPC – product	8711500639424
Order code	927926283055
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	927926283055
Copy Net Weight (Piece)	79.200 g
ILCOS code	FDH-21/30/1B-L/P-G5-16/850

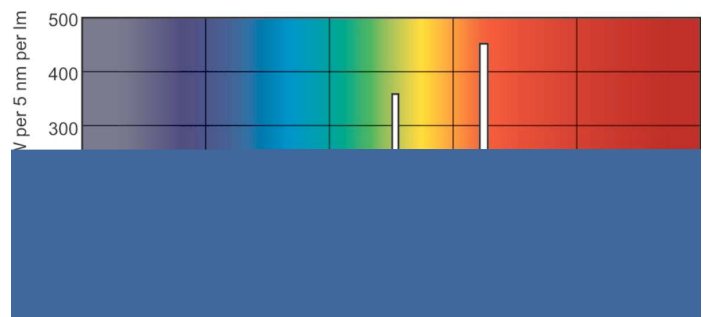
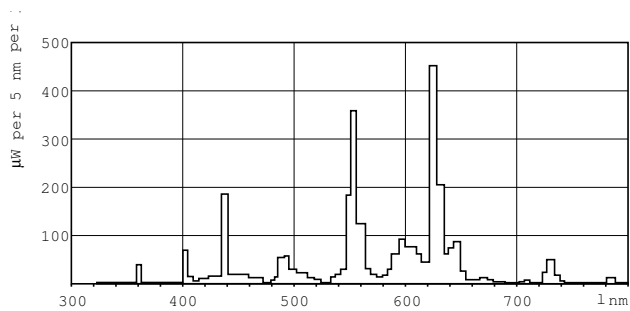
## Dimensional drawing



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

## MASTER TL5 HE 21W/830 SLV/40

## Photometric data



## Lightcolour /830

## Lightcolour /830

# 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

