

# MASTER TL5 High Efficiency

## MASTER TL5 HE 14W/830 1SL/20

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

### Product data

General Information		Color Rendering Index (Max)	
Cap-Base	G5 [ G5]	Color Rendering Index (Min)	80
Life to 50% Failures Preheat (Nom)	24000 h	Color Rendering Index (Nom)	>80
Features	na [ Not Applicable]	LLMF 2000 h Rated	96 %
System Description	High Efficiency	LLMF 4000 h Rated	95 %
LSF Preheat 2000 h Rated	99 %	LLMF 6000 h Rated	94 %
LSF Preheat 4000 h Rated	99 %	LLMF 8000 h Rated	93 %
LSF Preheat 6000 h Rated	99 %	LLMF 12000 h Rated	92 %
LSF Preheat 8000 h Rated	99 %	LLMF 16000 h Rated	91 %
LSF Preheat 16000 h Rated	97 %	LLMF 20000 h Rated	90 %
LSF Preheat 20000 h Rated	84 %		
Light Technical		Operating and Electrical	
Color Code	830 [ CCT of 3000K]	Power (Rated) (Nom)	14 W
Luminous Flux (Nom)	1350 lm	Lamp Current (Nom)	0.165 A
Luminous Flux (Rated) (Nom)	1200 lm		
Color Designation	Warm White (WW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W	Design Temperature (Nom)	35 °C
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	86 lm/W		

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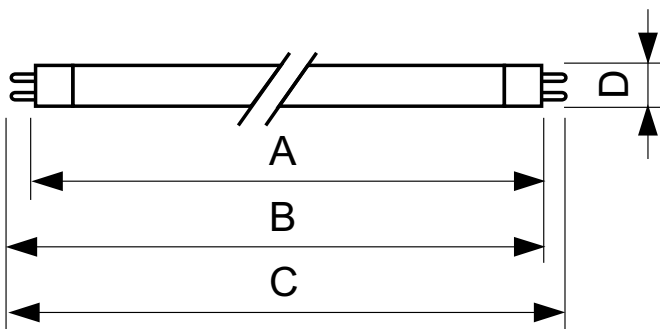
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	15 kWh
Product Data	
Full product code	871150063938705

Order product name	MASTER TL5 HE 14W/830 1SL/20
EAN/UPC - Product	8711500639387
Order code	927926083061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927926083061
Net Weight (Piece)	52.000 g
ILCOS Code	FDH-14/30/1B-L/P-G5-16/550

## 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.

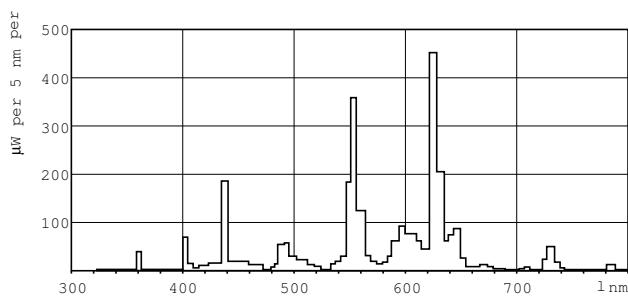
## Dimensional drawing



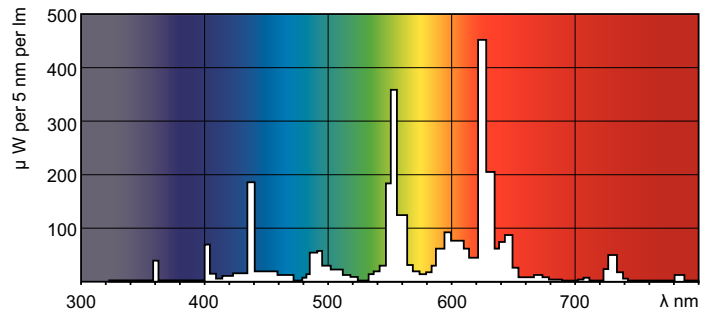
TL5 14W/830/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 14W/830 1SL/20	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

## Photometric data



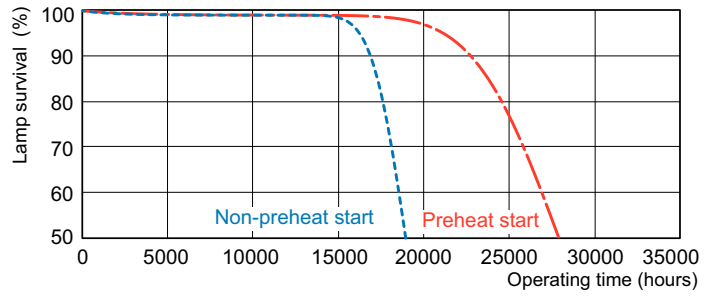
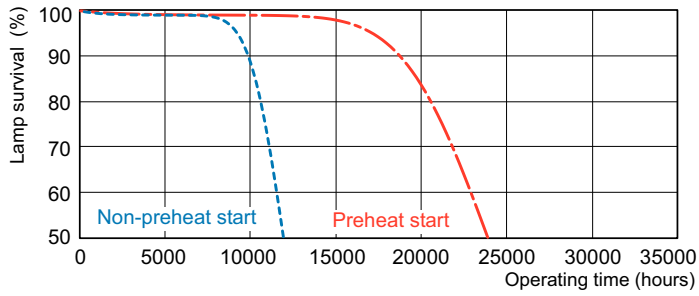
Lightcolor /830



Lightcolor /830

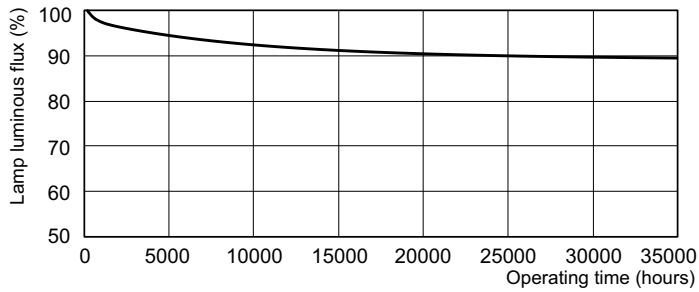
# MASTER TL5 High Efficiency

## Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle

MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

