



PHILIPS

Lighting



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/830 SLV/40

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		Chromaticity Coordinate Y (Nom)	
Cap-Base	G5 [G5]	Chromaticity Coordinate Y (Nom)	403
Life to 50% Failures Preheat (Nom)	24000 h	Correlated Color Temperature (Nom)	3000 K
Features	na [Not Applicable]	Luminous Efficacy (Rated) (Nom)	94 lm/W
System Description	High Efficiency	Color Rendering Index (Max)	85
LSF Preheat 2000 h Rated	99 %	Color Rendering Index (Min)	80
LSF Preheat 4000 h Rated	99 %	Color Rendering Index (Nom)	>80
LSF Preheat 6000 h Rated	99 %	LLMF 2000 h Rated	96 %
LSF Preheat 8000 h Rated	99 %	LLMF 4000 h Rated	95 %
LSF Preheat 16000 h Rated	97 %	LLMF 6000 h Rated	94 %
LSF Preheat 20000 h Rated	84 %	LLMF 8000 h Rated	93 %
		LLMF 12000 h Rated	92 %
		LLMF 16000 h Rated	91 %
		LLMF 20000 h Rated	90 %
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Power (Rated) (Nom)	27.9 W
Luminous Flux (Nom)	2900 lm	Lamp Current (Nom)	0.170 A
Luminous Flux (Rated) (Nom)	2625 lm		
Color Designation	Warm White (WW)		
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	104 lm/W		
Chromaticity Coordinate X (Nom)	440		

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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+

Mercury (Hg) Content (Nom) 1.4 mg

Energy Consumption kWh/1000 h 31 kWh

Product Data

Full product code 871150063946255

Order product name MASTER TL5 HE 28W/830 SLV/40

EAN/UPC - Product 8711500639462

Order code 927926583055

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927926583055

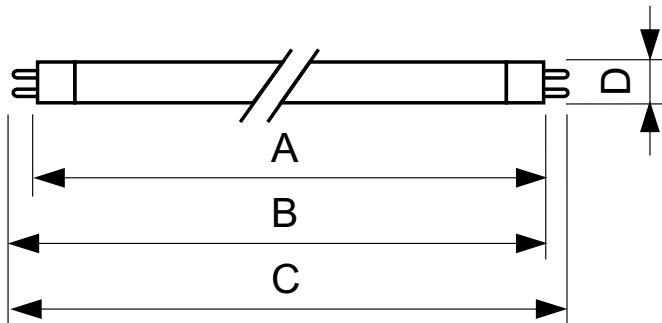
Net Weight (Piece) 104.500 g

ILCOS Code FDH-28/30/1B-L/P-G5-16/1150

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.

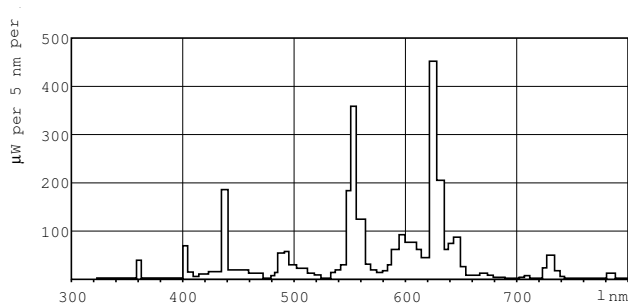
Dimensional drawing



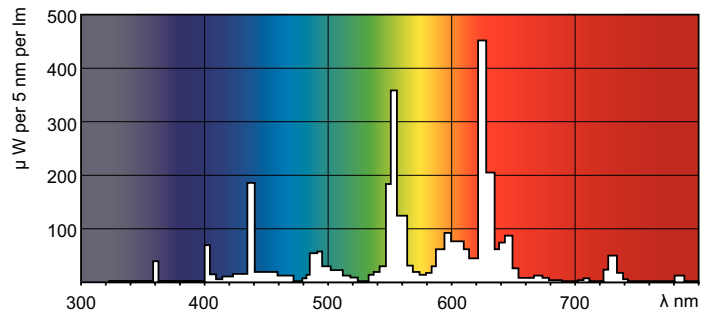
TL5 28W/830/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/830 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



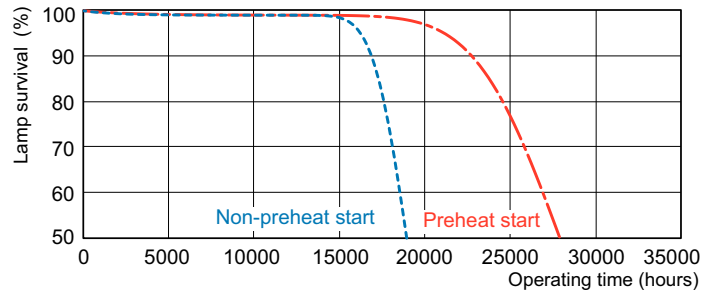
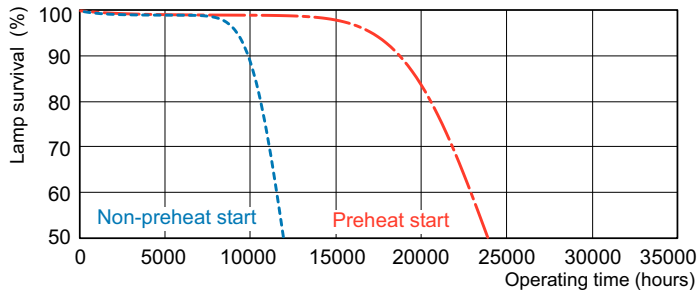
Lightcolor /830



Lightcolor /830

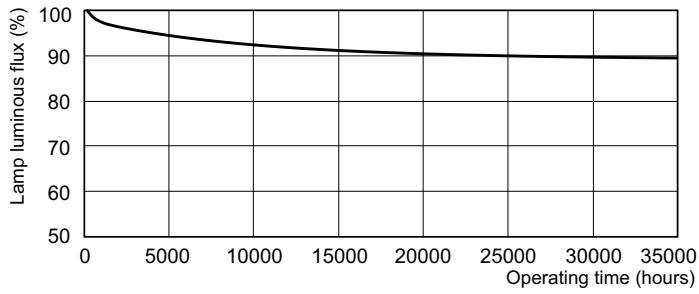
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Lifetime



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

