



MASTER TL5 High Efficiency

MASTER TL5 HE 21W/840 UNP/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		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)	82
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	840 [CCT of 4000K]	Power (Rated) (Nom)	20.6 W
Luminous Flux (Nom)	2100 lm	Lamp Current (Nom)	0.165 A
Luminous Flux (Rated) (Nom)	1850 lm		
Color Designation	Cool White (CW)	Temperature	
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	101 lm/W	Design Temperature (Nom)	35 °C
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	90 lm/W		

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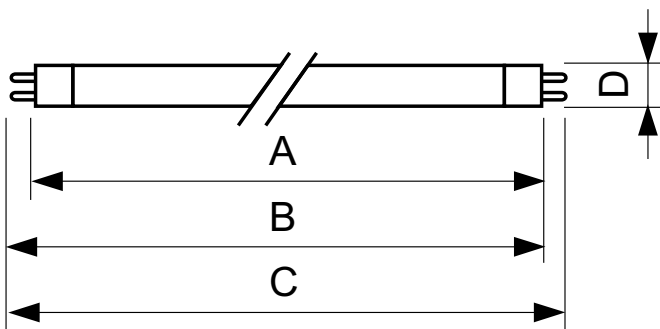
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Approval and Application	
Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	23 kWh
Product Data	
Full product code	871150061072055

Order product name	MASTER TL5 HE 21W/840 UNP/40
EAN/UPC - Product	8711500610720
Order code	927926284018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926284018
Net Weight (Piece)	79.200 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.

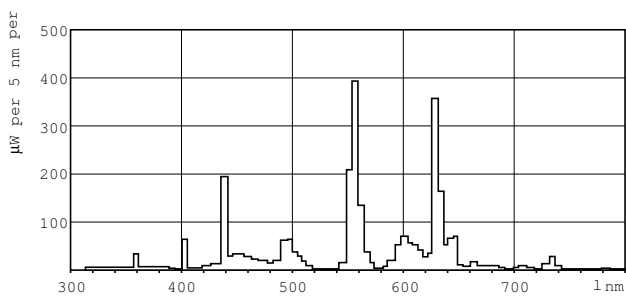
Dimensional drawing



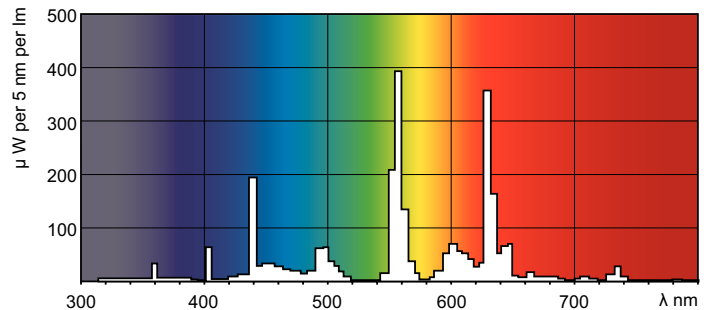
TL5 21W/840/GP HE

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

Photometric data



Lightcolor /840



Lightcolor /840

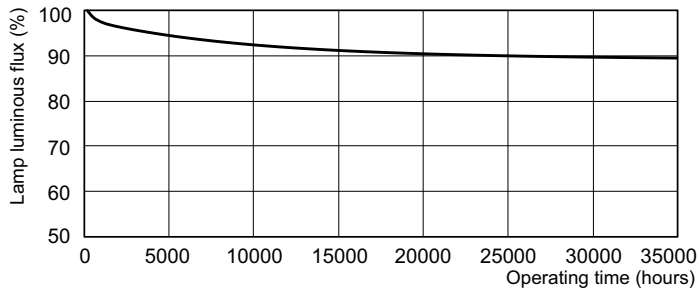
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Lifetime



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

