



MASTER TL5 High Efficiency

MASTER TL5 HE 14W/827 1SL

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 Characteristics

System Description	High Efficiency
Cap-Base	G5
Cap-Base Information	Green Plate
Bulb	T5 [16 mm]
Life to 10% fail	19000 hr
Preheat EL,3h	
Life to 50% fail	24000 hr
Preheat EL,3h	
LSF HF Preheat	99 %
2000h Rated,3h	
LSF HF Preheat	99 %
4000h Rated,3h	
LSF HF Preheat	99 %
6000h Rated,3h	
LSF HF Preheat	99 %
8000h Rated,3h	
LSF HF Preheat	99 %
12000h Rated,3h	
LSF HF Preheat	97 %
16000h Rated,3h	
LSF HF Preheat	84 %
20000h Rated,3h	

• Light Technical Characteristics

Color Code	827 [CCT of 2700K]
Color Rendering Index	80 (min), 82 (nom), 85 (max) Ra8
Color Designation (text)	Incandescent White
Color Temperature	2700 K
Luminous Flux EL	1200 Lm
25°C, Rated	
Luminous Flux EL	1200 Lm
25°C, Nominal	

Luminous Flux Lamp	1350 Lm
EL 35°C	
Lum Efficacy Rated	86 Lm/W
HF 25°C	
Lum Efficacy Rated	99 Lm/W
HF 35°C	
LLMF HF 2000h	96 %
Rated	
LLMF HF 4000h	95 %
Rated	
LLMF HF 6000h	94 %
Rated	
LLMF HF 8000h	93 %
Rated	
LLMF HF 12000h	92 %
Rated	
LLMF HF 16000h	91 %
Rated	
LLMF HF 20000h	90 %
Rated	
Design Temperature	35 C
Chromaticity Coordinate X	463 -
Chromaticity Coordinate Y	420 -

• Electrical Characteristics

Lamp Wattage	14 W
Lamp Wattage EL	14 W
25°C, Rated	
Lamp Wattage EL	14 W
25°C, Nominal	
Lamp Wattage EL	13.7 W
35°C	
Lamp Voltage EL	86 V
25°C	

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Lamp Voltage EL 35°C	82 V
Lamp Current EL 25°C	0.165 A
Lamp Current EL 35°C	0.170 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	15 kWh

• Measuring Conditions

Calibration Current	0.170 A
HF Generator Rated Voltage	167 V
Resistor	500 ohm

• Product Dimensions

Base Face to Base Face A	549.0 (max) mm
Insertion Length B	553.7 (min), 556.1 (max) mm
Overall Length C	563.2 (max) mm
Diameter D	17 (max) mm

• Product Data

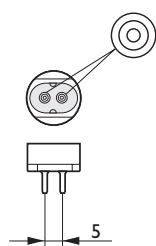
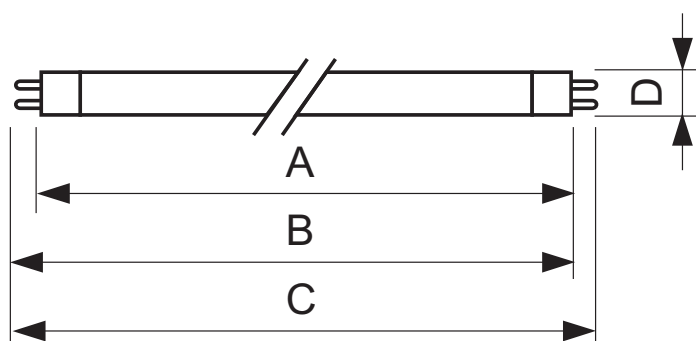
Order code	927926082755
Full product code	927926082755
Full product name	MASTER TL5 HE 14W/827 1SL
Order product name	MASTER TL5 HE 14W/827 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500641021
Bar code on outerbox - EAN3	8711500867421
Logistic code(s) - 12NC	927926082755
ILCOS code	FDH-14/27/1B-L/P-G5-16/550
Net weight per piece	53.000 gr

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

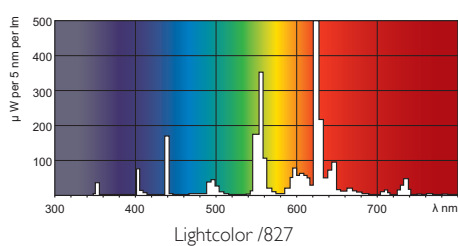
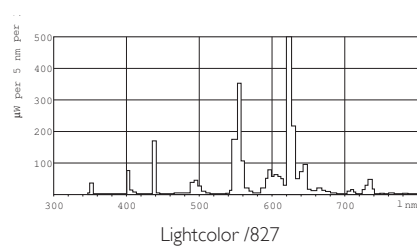


G5

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Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 14W/827/GP HE	549.0	553.7	556.1	563.2	17

Photometric data



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data subject to change