



# MASTER TL5 High Efficiency

MASTER TL5 HE 14W/830 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	Luminous Flux Lamp EL 35°C	1350 Lm
Cap-Base	G5	Lum Efficacy Rated HF 25°C	89 Lm/W
Cap-Base Information	Green Plate	Lum Efficacy Rated HF 35°C	99 Lm/W
Bulb	T5 [16 mm]	LLMF HF 20000h Rated	90 %
Life to 50% fail Preheat EL,3h	24000 hr	LLMF HF 16000h Rated	91 %
Life to 10% fail Preheat EL,3h	19000 hr	LLMF HF 12000h Rated	92 %
LSF HF Preheat 20000h Rated,3h	84 %	LLMF HF 8000h Rated	93 %
LSF HF Preheat 16000h Rated,3h	97 %	LLMF HF 6000h Rated	94 %
LSF HF Preheat 12000h Rated,3h	99 %	LLMF HF 4000h Rated	95 %
LSF HF Preheat 8000h Rated,3h	99 %	LLMF HF 2000h Rated	96 %
LSF HF Preheat 6000h Rated,3h	99 %	Luminous Flux EL 25°C, Rated	1250 Lm
LSF HF Preheat 4000h Rated,3h	99 %	Luminous Flux EL 25°C, Nominal	1250 Lm
LSF HF Preheat 2000h Rated,3h	99 %	Design Temperature	35 C

### • Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	85 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Chromaticity Coordinate X	440 -
Chromaticity Coordinate Y	403 -

### • Electrical Characteristics

Lamp Wattage	14 W
Lamp Voltage EL 25°C	86 V
Lamp Current EL 25°C	0.165 A
Dimmable	Yes
Lamp Wattage EL 35°C	13.7 W



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# PHILIPS

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# MASTER TL5 High Efficiency

Lamp Current EL 35°C	0.170 A
Lamp Voltage EL 35°C	82 V
Lamp Wattage EL 25°C, Rated	14.0 W
Lamp Wattage EL 25°C, Nominal	14 W

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	639387 55
Full product code	871150063938755
Full product name	MASTER TL5 HE 14W/830 1SL
Order product name	MASTER TL5 HE 14W/830 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500639387
Bar code on outerbox - EAN3	8711500867469
Logistic code(s) - 12NC	927926083055
ILCOS code	FDH-14/30/1B-L/P-G5-16/550
Net weight per piece	54.000 gr

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	1.4 mg

• Measuring Conditions

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

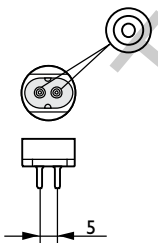
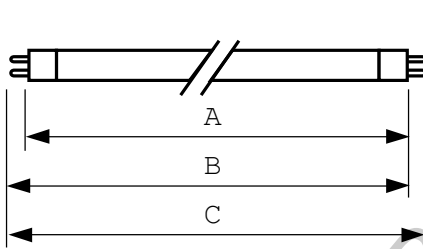
• Product Dimensions

Base Face to Base Face A	549.0 (max) mm
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Dimensional drawing

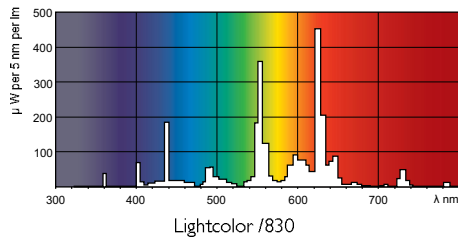
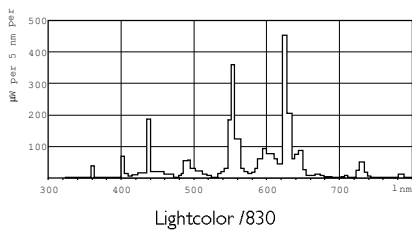
G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 14W/830/GP HE	549.0	553.7	556.1	563.2	17



G5

Photometric data



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