



# MASTER TL5 High Output Xtra

## MASTER TL5 HO Xtra 54W/830 1SL

This TL5 lamp (tube diameter 16 mm) combines the advantages of a TL5 High Output lamp (TL5 HO lamps are optimized for installations requiring high light output and offer excellent lumen maintenance and color rendering) with a long and reliable lifetime. This results in extra-low maintenance costs and saves on expensive spot replacement. Main applications are places where lamp replacement costs and/or costs of disruption are high.

### Product data

#### • General Characteristics

System Description	High Output
Cap-Base	G5
Cap-Base Information	Green Plate
Bulb	T5 [16 mm]
Life to 50% fail	45000 hr
Preheat EL,3h	
Life to 10% fail	30000 hr
Preheat EL,3h	
LSF HF Preheat	94 %
20000h Rated,3h	
LSF HF Preheat	95 %
16000h Rated,3h	
LSF HF Preheat	95 %
12000h Rated,3h	
LSF HF Preheat	96 %
8000h Rated,3h	
LSF HF Preheat	97 %
6000h Rated,3h	
LSF HF Preheat	98 %
4000h Rated,3h	
LSF HF Preheat	99 %
2000h Rated,3h	

#### • 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	438 -
Chromaticity Coordinate Y	403 -

Luminous Flux Lamp EL 35°C	5000 Lm
Luminance Average EL 25°C	2.6 cd/cm2
Lum Efficacy Rated HF 25°C	82 Lm/W
Lum Efficacy Rated HF 35°C	93 Lm/W
LLMF HF 20000h Rated	88 %
LLMF HF 16000h Rated	90 %
LLMF HF 12000h Rated	91 %
LLMF HF 8000h Rated	93 %
LLMF HF 6000h Rated	94 %
LLMF HF 4000h Rated	95 %
LLMF HF 2000h Rated	95 %
Luminous Flux EL 25°C, Rated	4450 Lm
Luminous Flux EL 25°C, Nominal	4450 Lm
Design Temperature	35 C

#### • Electrical Characteristics

Lamp Wattage	54 W
Lamp Voltage EL 25°C	118 V
Lamp Current EL 25°C	0.460 A
Dimmable	Yes



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Lamp Wattage EL 35°C	53.8 W
Lamp Current EL 35°C	0.460 A
Lamp Voltage EL 35°C	118 V
Lamp Wattage EL 25°C, Rated	54.3 W
Lamp Wattage EL 25°C, Nominal	54 W

## • Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	3.0 mg

## • Measuring Conditions

Calibration Current	0.460 A
HF Generator Rated Voltage	235 V
Resistor	255 ohm

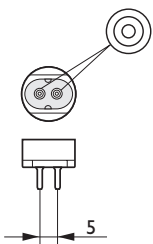
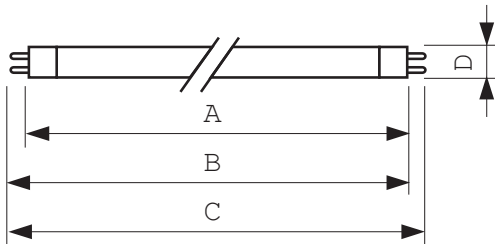
## • Product Dimensions

Base Face to Base Face A	1149.0 (max) mm
Insertion Length B	1153.7 (min), 1156.1 (max) mm
Overall Length C	1163.2 (max) mm
Diameter D	17 (max) mm

## • Product Data

Order code	927929283026
Full product code	927929283026
Full product name	MASTER TL5 HO Xtra 54W/830 1SL
Order product name	MASTER TL5 HO Xtra 54W/830 1SL
Pieces per pack	1
Packing configuration	20
Packs per outerbox	20
Bar code on pack - EAN1	8711500263230
Bar code on outerbox - EAN3	8711500263247
Logistic code(s) - 12NC	927929283026
ILCOS code	FDH-54/30/1B-L/P-G5-16/1150
Net weight per piece	104.500 gr

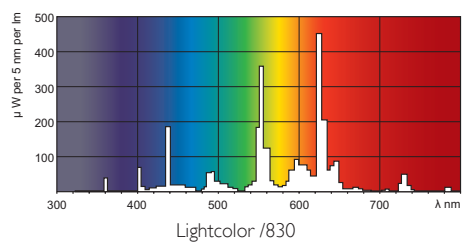
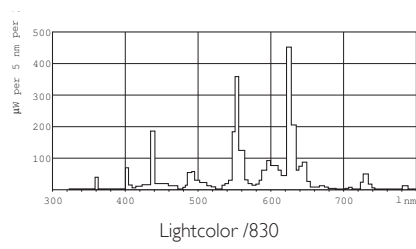
## Dimensional drawing



## G5, T5

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO Xtra 54W/830	1149.0	1153.7	1156.1	1163.2	17

## Photometric data



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2011, November 25  
data subject to change