



MASTER TL5 High Output

MASTER TL5 HO 39W/830 1SL

This TL5 lamp (tube diameter 16 mm) offers high light output. The TL5 HO lamp is optimized for installations requiring high light output and offers excellent lumen maintenance and color rendering. Application areas vary from offices and industry to schools and retail environments.

Product data

• General Characteristics

System Description	High Output
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	830 [CCT of 3000K]
Color Rendering	85 Ra8
Index	
Color Designation	Warm White
(text)	
Color Temperature	3000 K
Luminous Flux EL	3100 Lm
25°C, Rated	
Luminous Flux EL	3100 Lm
25°C, Nominal	

Luminous Flux Lamp	3500 Lm
EL 35°C	
Lum Efficacy Rated	82 Lm/W
HF 25°C	
Lum Efficacy Rated	92 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 Coord- inate X	440 -
Chromaticity Coord- inate Y	403 -

• Electrical Characteristics

Lamp Wattage	39 W
Lamp Wattage EL	38.0 W
25°C, Rated	
Lamp Wattage EL	39 W
25°C, Nominal	
Lamp Wattage EL	38.0 W
35°C	
Lamp Voltage EL	118 V
25°C	



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Lamp Voltage EL 35°C	112 V
Lamp Current EL 25°C	0.325 A
Lamp Current EL 35°C	0.340 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	42 kWh

• Measuring Conditions

Calibration Current	0.340 A
HF Generator Rated Voltage	224 V
Resistor	330 ohm

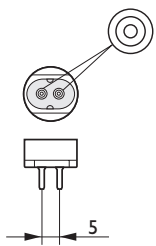
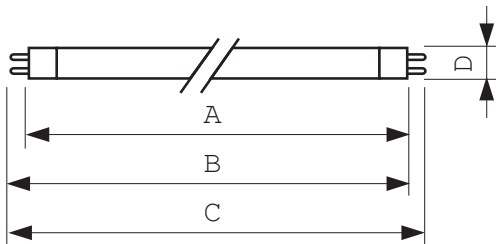
• Product Dimensions

Base Face to Base Face A	849.0 (max) mm
Insertion Length B	853.7 (min), 856.1 (max) mm
Overall Length C	863.2 (max) mm
Diameter D	17 (max) mm

• Product Data

Order code	927928583055
Full product code	927928583055
Full product name	MASTER TL5 HO 39W/830 1SL
Order product name	MASTER TL5 HO 39W/830 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500639622
Bar code on outerbox - EAN3	8711500260031
Logistic code(s) - 12NC	927928583055
ILCOS code	FDH-39/30/1B-L/P-G5-16/850
Net weight per piece	80.500 gr

Dimensional drawing

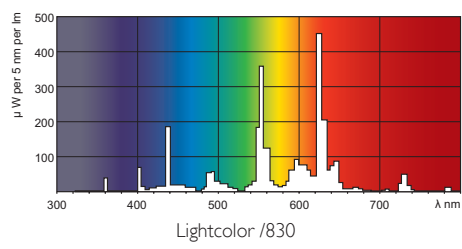
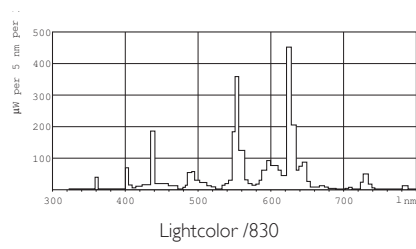


G5

MASTER TL5 HO 39W/830 UNP

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO 39W/830	849.0	853.7	856.1	863.2	17

Photometric data



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2013, June 27
data subject to change