



# MASTER TL5 High Output

MASTER TL5 HO 54W/840 1SL

Low-pressure mercury discharge lamps with a tubular 16 mm envelope

## 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

Colour Code	840 [CCT of 4000K]
Colour Rendering Index	85 Ra8
Colour Designation	Cool White
Colour Temperature	4000 K
Luminous Flux EL	4450 Lm
25°C, Rated	
Luminous Flux EL	4450 Lm
25°C, Nominal	
Luminous Flux Lamp	5000 Lm
EL 35°C	

Lum Efficacy Rated	82 Lm/W
HF 25°C	
Lum Efficacy Rated	93 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	380 -
Chromaticity Coordinate Y	380 -

### • Electrical Characteristics

Lamp Wattage	54 W
Lamp Wattage EL	54.1 W
25°C, Rated	
Lamp Wattage EL	54 W
25°C, Nominal	
Lamp Wattage EL	53.8 W
35°C	
Lamp Voltage EL	120 V
25°C	
Lamp Voltage EL	118 V
35°C	



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# MASTER TL5 High Output

Lamp Current EL 25°C 0.455 A  
 Lamp Current EL 35°C 0.460 A  
 Dimmable yes

• Environmental Characteristics

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

• Measuring Conditions

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

• Product Dimensions

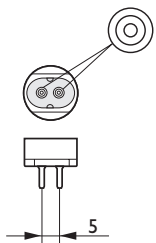
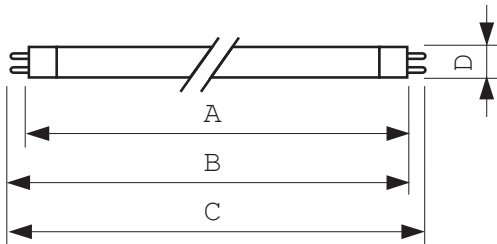
Base Face to Base Face A 1149.0 (max) mm

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 643186 55  
 Full product code 871150064318655  
 Full product name MASTER TL5 HO 54W/840 1SL  
 Order product name MASTER TL5 HO 54W/840 1SL/40  
 Pieces per pack 1  
 Packing configuration 40  
 Packs per outerbox 40  
 Bar code on pack - EAN1 8711500643186  
 Bar code on outerbox - EAN3 8711500868831  
 Logistic code(s) - 12NC 927929084055  
 ILCOS code FDH-54/40/1B-L/P-G5-16/1150  
 Net weight per piece 104.500 gr

## Dimensional drawing

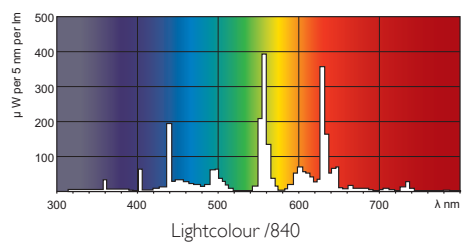
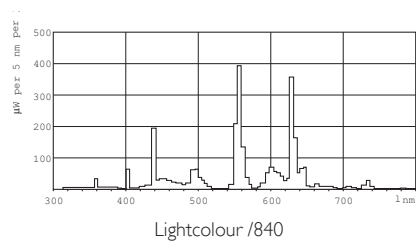


G5

## MASTER TL5 HO 54W/840 UNP

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO 54W/840	1149.0	1153.7	1156.1	1163.2	17

## Photometric data



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data subject to change