



# MASTER TL5 High Output

MASTER TL5 HO 24W/840 1SL

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

## Benefits

### • 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	

Lum Efficacy Rated	78 Lm/W
HF 25°C	
Lum Efficacy Rated	87 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	380 -
Coordinate X	
Chromaticity	380 -
Coordinate Y	

### • Light Technical Characteristics

Colour Code	840 [CCT of 4000K]
Colour Rendering	85 Ra8
Index	
Colour Designation	Cool White
Colour Temperature	4000 K
Luminous Flux EL	1750 Lm
25°C, Rated	
Luminous Flux EL	1750 Lm
25°C, Nominal	
Luminous Flux Lamp	1950 Lm
EL 35°C	

### • Electrical Characteristics

Lamp Wattage	24 W
Lamp Wattage EL	22.5 W
25°C, Rated	
Lamp Wattage EL	24 W
25°C, Nominal	
Lamp Wattage EL	22.5 W
35°C	
Lamp Voltage EL	77 V
25°C	
Lamp Voltage EL	75 V
35°C	



# MASTER TL5 High Output

Lamp Current EL 25°C 0.295 A  
 Lamp Current EL 35°C 0.300 A  
 Dimmable yes

Insertion Length B 553.7 (min), 556.1 (max) mm  
 Overall Length C 563.2 (max) mm  
 Diameter D 17 (max) mm

### • Environmental Characteristics

Energy Efficiency Label (EEL) A  
 Mercury (Hg) Content 1.4 mg  
 Energy consumption kWh/1000h 25 kWh

### • Measuring Conditions

Calibration Current 0.300 A  
 HF Generator Rated Voltage 150 V  
 Resistor 250 ohm

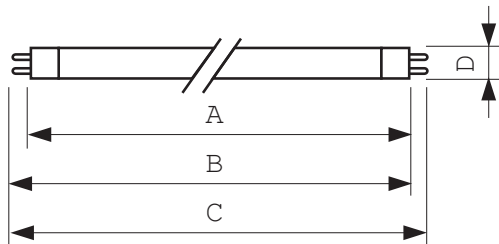
### • Product Dimensions

Base Face to Base Face A 549.0 (max) mm

### • Product Data

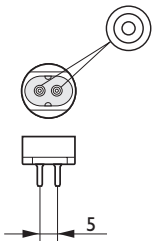
Order code 927928084055  
 Full product name MASTER TL5 HO 24W/840 1SL  
 Order product name MASTER TL5 HO 24W/840 1SL/40  
 Pieces per pack 1  
 Packing configuration 40  
 Packs per outerbox 40  
 Bar code on pack - EAN1 8711500639608  
 Bar code on outerbox - EAN3 8711500867841  
 Logistic code(s) - 12NC 927928084055  
 ILCOS code FDH-24/40/1B-L/P-G5-16/550  
 Net weight per piece 54.000 gr

## Dimensional drawing



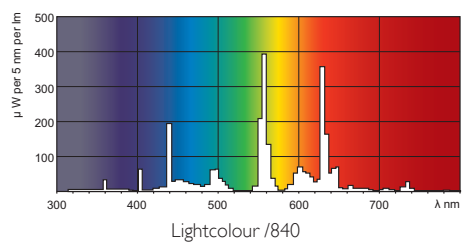
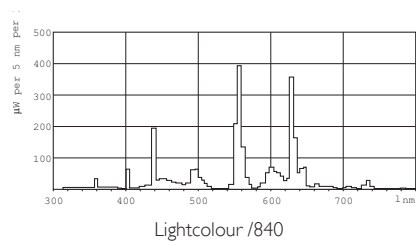
### MASTER TL5 HO 24W/840 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO 24W/840	549.0	553.7	556.1	563.2	17



G5

## Photometric data



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data subject to change