



MASTER TL5 High Output

MASTER TL5 HO 49W/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	4375 Lm
25°C, Rated	
Luminous Flux EL	4375 Lm
25°C, Nominal	
Luminous Flux Lamp	4900 Lm
EL 35°C	

Lum Efficacy Rated	89 Lm/W
HF 25°C	
Lum Efficacy Rated	99 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	90 %
Rated	
LLMF HF 20000h	90 %
Rated	
Design Temperature	35 C
Chromaticity Coordinate X	380 -
Chromaticity Coordinate Y	380 -

• Electrical Characteristics

Lamp Wattage	49 W
Lamp Wattage EL	49.2 W
25°C, Rated	
Lamp Wattage EL	49 W
25°C, Nominal	
Lamp Wattage EL	49.3 W
35°C	
Lamp Voltage EL	195 V
25°C	
Lamp Voltage EL	191 V
35°C	



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MASTER TL5 High Output

Lamp Current EL 25°C	0.255 A
Lamp Current EL 35°C	0.260 A
Dimmable	yes

• Environmental Characteristics

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

• Measuring Conditions

Calibration Current	0.255 A
HF Generator Rated Voltage	390 V
Resistor	765 ohm

• Product Dimensions

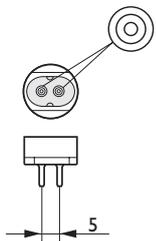
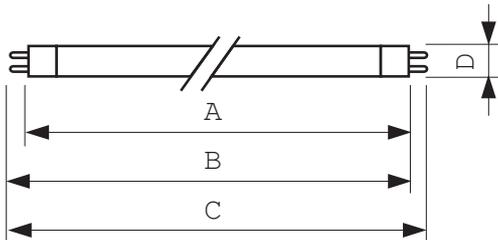
Base Face to Base Face A	1449.0 (max) mm
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Insertion Length B	1453.7 (min), 1456.1 (max) mm
Overall Length C	1463.2 (max) mm
Diameter D	17 (max) mm

• Product Data

Order code	639561 55
Full product code	871150063956155
Full product name	MASTER TL5 HO 49W/840 1SL
Order product name	MASTER TL5 HO 49W/840 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500639561
Bar code on outerbox - EAN3	8711500867728
Logistic code(s) - 12NC	927927584055
ILCOS code	FDH-49/40/1B-L/P-G5-16/1450
Net weight per piece	128.700 gr

Dimensional drawing

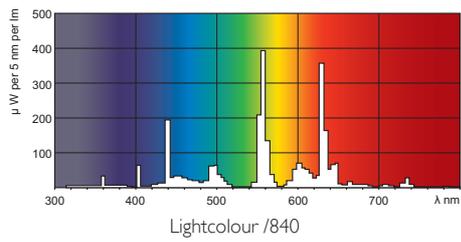
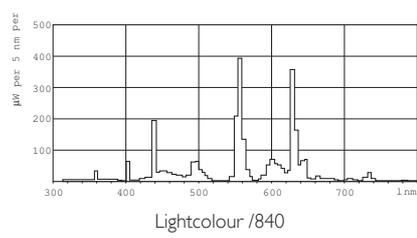


G5

MASTER TL5 HO 49W/840 UNP

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 HO 49W/840	1449.0	1453.7	1456.1	1463.2	17

Photometric data



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data subject to change