



MASTER TL5 High Output

MASTER TL5 HO 80W/840 UNP/40

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 Information		
Cap-Base	G5 [G5]	
Life to 50% Failures Preheat (Nom)	30000 h	
Features	HO Alto® [High Output Alto]	
System Description	High Output	
LSF Preheat 2000 h Rated	99 %	
LSF Preheat 4000 h Rated	99 %	
LSF Preheat 6000 h Rated	99 %	
LSF Preheat 8000 h Rated	99 %	
LSF Preheat 16000 h Rated	97 %	
LSF Preheat 20000 h Rated	84 %	
Color Rendering Index (Max)		85
Color Rendering Index (Min)		80
Color Rendering Index (Nom)		82
LLMF 2000 h Rated		96 %
LLMF 4000 h Rated		95 %
LLMF 6000 h Rated		94 %
LLMF 8000 h Rated		93 %
LLMF 12000 h Rated		92 %
LLMF 16000 h Rated		91 %
LLMF 20000 h Rated		90 %
Operating and Electrical		
Power (Rated) (Nom)		79.8 W
Lamp Current (Nom)		0.530 A
Temperature		
Design Temperature (Nom)		35 °C
Light Technical		
Color Code		840 [CCT of 4000K]
Luminous Flux (Nom)		7000 lm
Luminous Flux (Rated) (Nom)		6550 lm
Color Designation		Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)		88 lm/W
Correlated Color Temperature (Nom)		4000 K
Luminous Efficacy (rated) (Nom)		82 lm/W

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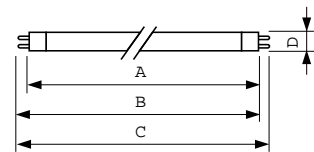
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Cap-Base Information	Green Plate
Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	1.4 mg
Energy Consumption kWh/1000 h	88 kWh
Product Data	
Full product code	871150064438155

Order product name	MASTER TL5 HO 80W/840 UNP/40
EAN/UPC - Product	8711500644381
Order code	927929584018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929584018
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

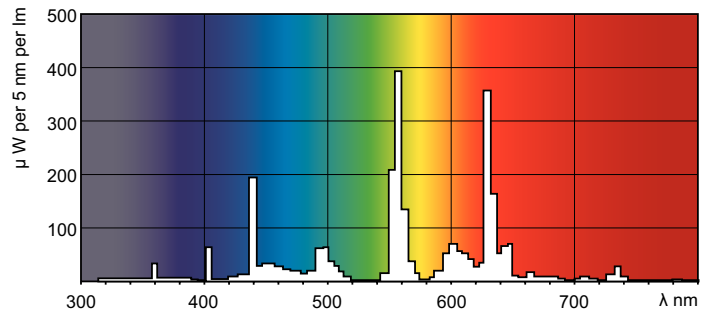
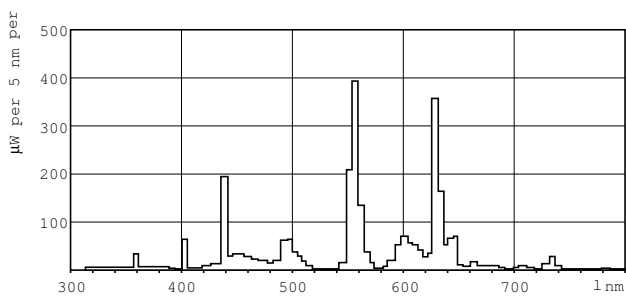
Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 UNP/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

TL5 HO 80W/840

Photometric data



Lightcolor /840

Lightcolor /840

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Lifetime



MASTER TL5 HO/ActiViva Life Expectancy 3 h cycle

MASTER TL5 HO/ActiViva Life Expectancy 12 h cycle



MASTER TL5 HO/ActiViva Lumen Maintenance 3 h + 12 h cycle

