



MASTER TL5 High Output



MASTER TL5 HO 80W/840 1SL/40

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

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.

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 (HO)
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 %
Flux measurement reference	Sphere
Light technical	
Colour Code	840 [CCT of 4000K]
Luminous Flux (Nom)	6550 lm
Luminous Flux (Rated) (Nom)	6550 lm
Colour Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	88 lm/W

Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Colour Temperature, horizontal (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Colour Rendering Index horiz (Max)	85
Colour Rendering Index horiz (Min)	80
Colour Rendering Index horiz (Nom)	81
Depreciation 2000 hrs	96 %
LLMF 4000 h Rated	95 %
Depreciation 5000 hrs	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

MASTER TL5 High Output

Temperature

Design Temperature (Nom)	35 °C
--------------------------	-------

Controls and dimming

Dimmable	Yes
----------	-----

Mechanical and housing

Cap-Base Information	Green Plate
Bulb Shape	T5 [16 mm (T5)]

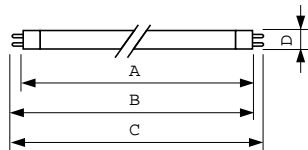
Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Nom)	1.2 mg
Energy Consumption kWh/1000 h	80 kWh
EPREL Registration Number	423571

Product data

Full product code	871150071045155
Order product name	MASTER TL5 HO 80W/840 SLV/40
EAN/UPC - Product	8711500710451
Order code	71045155
Numerator - Quantity Per Pack	1
Local code description	4925140
Numerator - Packs per outer box	40
Material Nr. (12NC)	927929584057
Net Weight (Piece)	128.700 g
ILCOS Code	FDH-80/40/1B-L/P-G5-16/1450

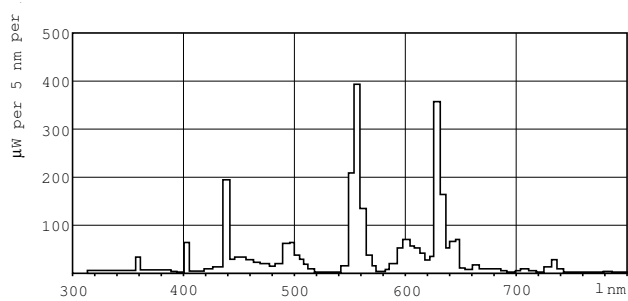
Dimensional drawing



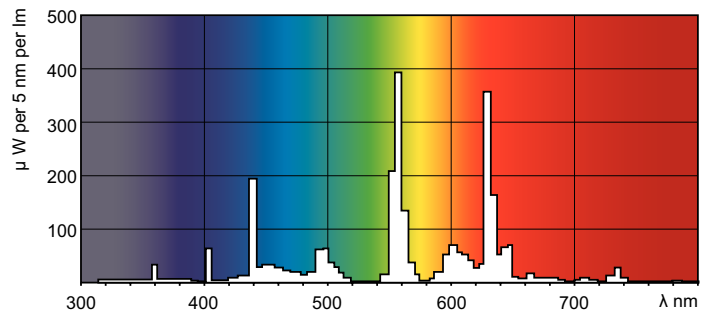
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO 80W/840 SLV/40	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

MASTER TL5 HO 80W/840 SLV/40

Photometric data



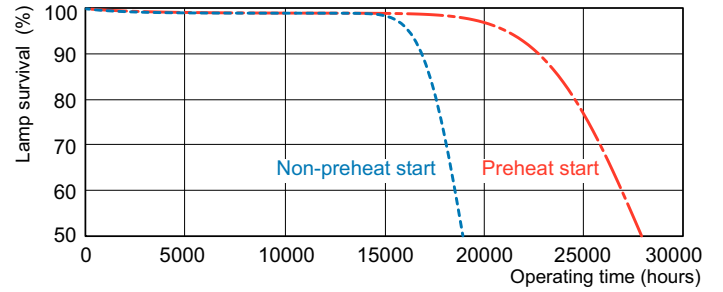
Lightcolour /840



Lightcolour /840

MASTER TL5 High Output

Lifetime



LDLE_TL5-HO8_0001-Life expectancy diagram

LDLE_TL5-HO8_0002-Life expectancy diagram



LDLM_TL5-HO8_0001-Lumen maintenance diagram

