



MASTER TL5 High Efficiency

MASTER TL5 HE 35W/840 SLV/20

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

General Information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	24000 h
Features	na [Not Applicable]
System Description	High Efficiency
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 %
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux (Nom)	3650 lm
Luminous Flux (Rated) (Nom)	3325 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	105 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	94 lm/W

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)	35.5 W
Lamp Current (Nom)	0.175 A

Temperature

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

MASTER TL5 High Efficiency

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	38 kWh

Product Data

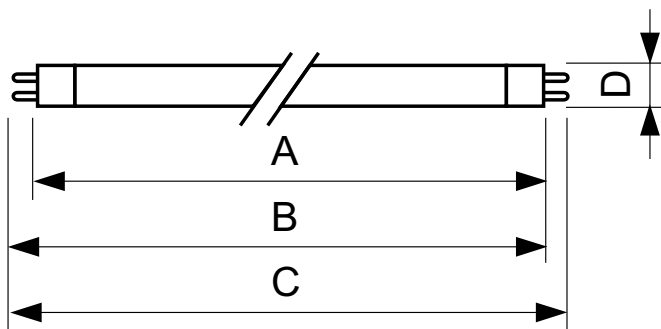
Full product code	871150063952305
-------------------	-----------------

Order product name	MASTER TL5 HE 35W/840 SLV/20
EAN/UPC - Product	8711500639523
Order code	927927084061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	927927084061
Net Weight (Piece)	127.400 g
ILCOS Code	FDH-35/40/1B-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.

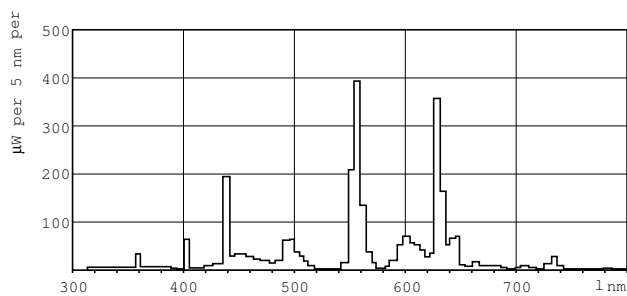
Dimensional drawing



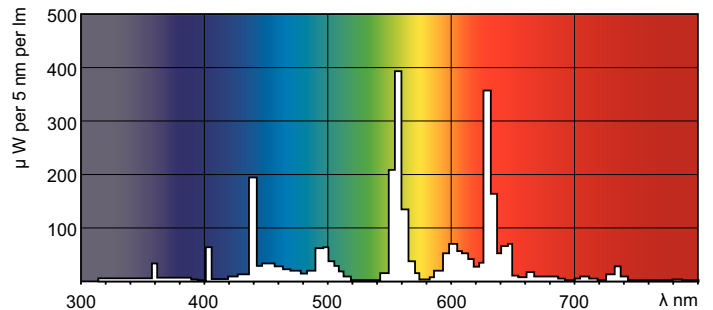
TL5 HE 35W/840/GP

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 35W/840 SLV/20	17 mm	1449.0 mm	1456.1 mm	1453.7 mm	1463.2 mm

Photometric data



Lightcolor /840



Lightcolor /840

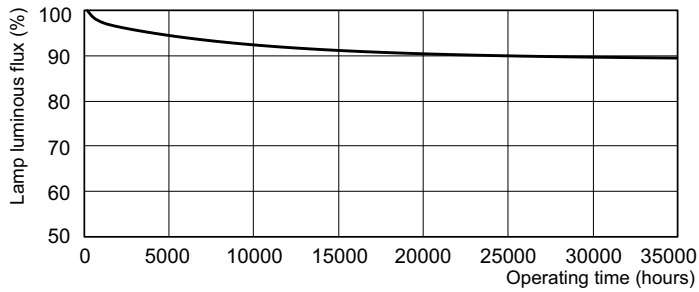
MASTER TL5 High Efficiency

Lifetime



MASTER TL5 HE Life Expectancy 3 h cycle

MASTER TL5 HE Life Expectancy 12 h cycle



MASTER TL5 HE Lumen Maintenance 3 h + 12 h cycle

