

**PHILIPS**

Lighting



MASTER TL5 High Efficiency

MASTER TL5 HE 28W/865 SLV/40

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	865 [CCT of 6500K]
Luminous Flux (Nom)	2700 lm
Luminous Flux (Rated) (Nom)	2450 lm
Color Designation	Cool Daylight
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	97 lm/W
Chromaticity Coordinate X (Nom)	313

Chromaticity Coordinate Y (Nom)	337
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (Rated) (Nom)	88 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)	27.9 W
Lamp Current (Nom)	0.170 A

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Temperature

Design Temperature (Nom) 35 °C

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 31 kWh

Product Data

Full product code 871150071015455

Order product name MASTER TL5 HE 28W/865 SLV/40

EAN/UPC - Product 8711500710154

Order code 927926586555

Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 40

Material Nr. (12NC) 927926586555

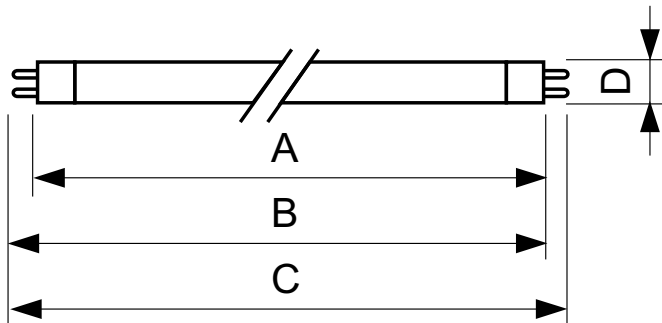
Net Weight (Piece) 105.800 g

ILCOS Code FDH-28/65/1B-L/P-G5-16/1150

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.

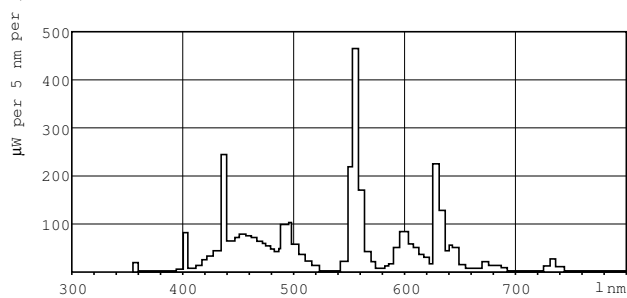
Dimensional drawing



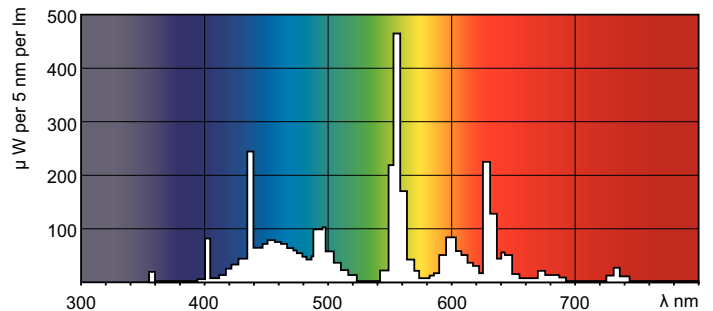
TL5 28W/865/GP HE

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE 28W/865 SLV/40	17 mm	1149.0 mm	1156.1 mm	1153.7 mm	1163.2 mm

Photometric data



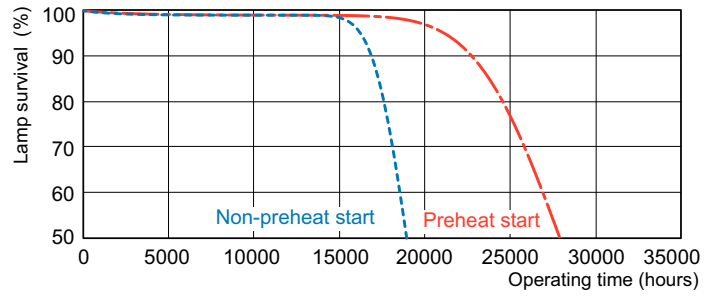
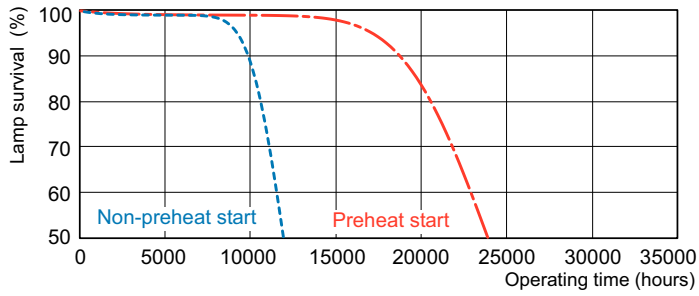
Lightcolor /865



Lightcolor /865

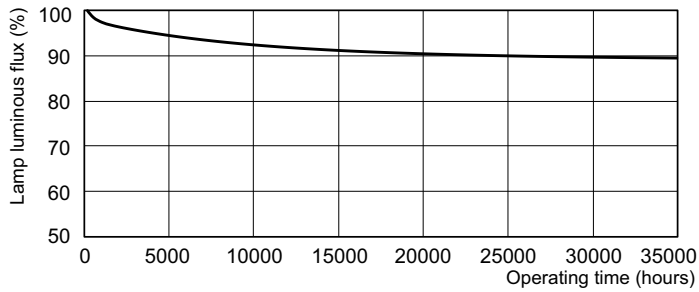
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Lifetime



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

