PHILIPS

Lighting



MASTER TL5 High Efficiency Secura

MASTER TL5 HE Secura 14W/840 UNP/40

This TL5 High Efficiency Secura lamp (tube diameter 16 mm) has a protective coating that keeps glass and lamp components together in the event of accidental breakage. The lamp is easily identifiable by a blue ring at one end. Application areas are all places where glass shatters can disturb operations and can have an impact on product and people safety, e.g. the food and beverage industry. This lamp is compliant with HACCP regulations and supports HACCP certification.

Product data

General Information	
Cap-Base	G5 [G5]
Life to 50% Failures Preheat (Nom)	24000 h
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)	1350 lm
Luminous Flux (Rated) (Nom)	1200 lm
Color Designation	Cool White (CW)
Luminous Efficacy (@ Max Lumen, Rated) (Nom)	99 lm/W
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (Rated) (Nom)	86 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)	14.0 W
Lamp Current (Nom)	0.165 A

Temperature	
Design Temperature (Nom)	35 °C

MASTER TL5 High Efficiency Secura

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	15 kWh

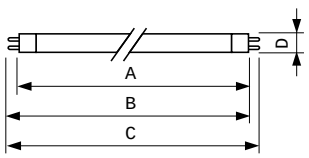
Product Data	
Full product code	871150095476355

Order product name	MASTER TL5 HE Secura 14W/840 UNP/40
EAN/UPC - Product	8711500954763
Order code	927926184018
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	40
Material Nr. (12NC)	927926184018
Net Weight (Piece)	69.450 g
ILCOS Code	FDH-14/40/1B-L/P-G5-16/550

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.
- In order to ensure the integrity of the coating, it is strongly recommended to replace Secura lamps before or at the moment the specified lamp life (50% failures @ 3 hrs switching cycle) is reached.

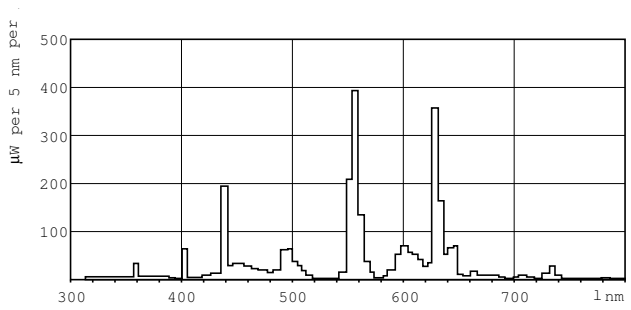
Dimensional drawing



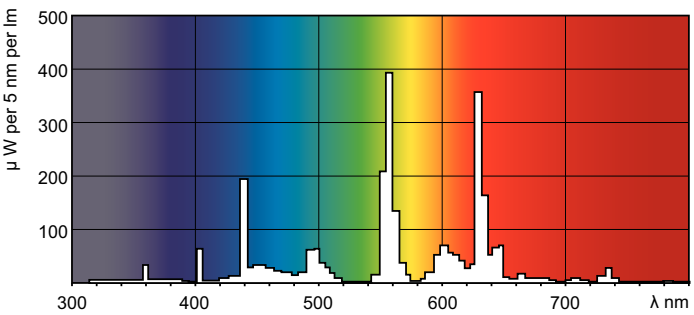
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HE Secura 14W/840 UNP/40	17 mm	549.0 mm	556.1 mm	553.7 mm	563.2 mm

TL5 HE Secura 14W/840

Photometric data



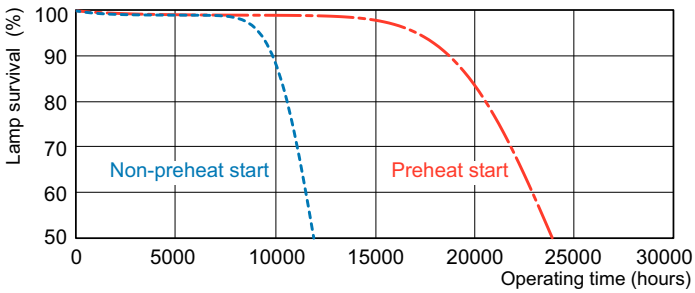
Lightcolor /840



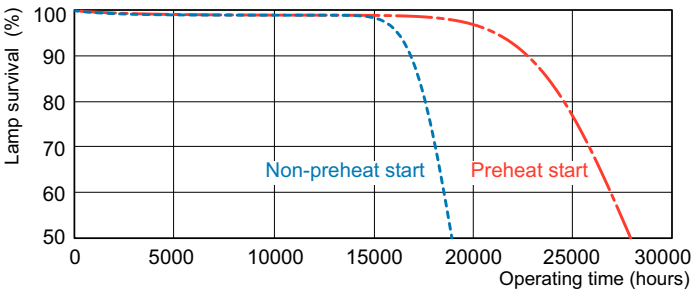
Lightcolor /840

MASTER TL5 High Efficiency Secura

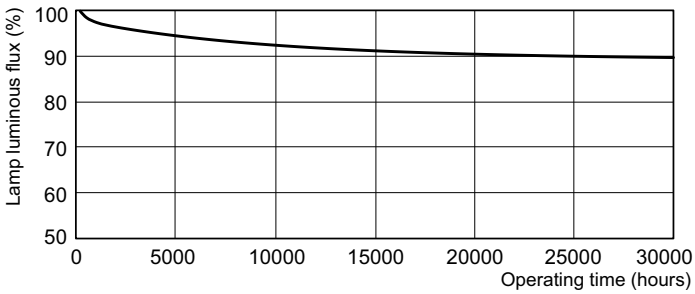
Lifetime



MASTER TL5 HE Secura Life Expectancy 3 h cycle



MASTER TL5 HE Secura Life Expectancy 12 h cycle



MASTER TL5 HE Secura Lumen Maintenance 3 h + 12 h cycle

© 2018 Philips Lighting Holding B.V. All rights reserved. Philips Lighting reserves the right to make changes in specifications and/or to discontinue any product at any timewithout notice or obligation and will not be liable for any consequences resulting from the use of this publication.