PHILIPS

MASTER TL5 High Output Secura

TL5HO8SE



Shatterfree fluorescent lighting

This TL5 High Output 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.

Benefits

- Special protective coating around the lamp prevents products from contamination in case of accidental lamp breakage
- The protective coating has a high temperature-resistance and no degradation to be expected under influence of temperature or UV within specified lamp life (50% failures @ 3 hrs switching cycle)
- Making luminaires compliant with relevant standards in the industry, such as HACCP, ISO 22000 and IEC 61549

Applications

- For use where contamination resulting from lamp breakage must be prevented, e.g. in food industry, suppliers to the food industry, health care, pharmaceuticals, cleanrooms etc.
- Suitable for use in environments with increased risk of breakage, e.g. sports halls

Features

- Protective coating around the lamp
- Fully compliant with IEC 61549 - Fragment Retention Lamp Standard
- Superior coating material (Teflon) with high temperature-resistance (up to 200 °C) and no degradation under influence of temperature or UV
- Single blue ring around one end for identification
- Direct retrofit for all TL5 HO lamps

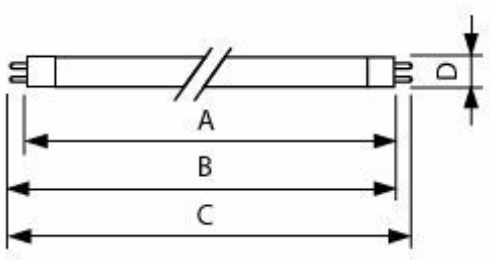
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- In order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

Versions



LPPR TL5HO8SE

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL5 HO Secura 49W/840 UNP/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm
MASTER TL5 HO Secura 80W/840 UNP/40	17 mm	1,449.0 mm	1,456.1 mm	1,453.7 mm	1,463.2 mm

General Information

Cap-Base	G5

Light Technical

Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.38
Chromaticity Coordinate Y (Nom)	0.38
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Bulb Shape	T5

Approval and Application

Mercury (Hg) Content (Nom)	1.2 mg

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)
927927684018	MASTER TL5 HO Secura 49W/840 UNP/40	4,250 lm	89 lm/W
927929684018	MASTER TL5 HO Secura 80W/840 UNP/40	6,550 lm	82 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)
927927684018	MASTER TL5 HO Secura 49W/840 UNP/40	49.4 W	0.255 A
927929684018	MASTER TL5 HO Secura 80W/840 UNP/40	80.0 W	0.530 A

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927927684018	MASTER TL5 HO Secura 49W/840 UNP/40	50 kWh
927929684018	MASTER TL5 HO Secura 80W/840 UNP/40	80 kWh

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