



Product Description

MASTER TL-D Secura

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Benefits

- Special protective coating in the lamp-, prevents products from contamination in case of accidental lamp breakage
- Easy identification in audit situations by blue ring at one end
- Special fluorescent coating gives good colour rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Protects products from discolouring and loss of taste by 90% lower UV emission
- Compliant with HACCP regulations and supports HACCP certification

Features

- Protective coating around the entire lamp
- Blue ring around one end
- Direct retrofit for all Standard and Super /80 TL-D lamps operating on conventional or HF gear
- Highly efficient 3-band fluorescent coating in combination with New Generation pre-coating technology
- Available in various colour designations
- Low mercury dose
- Recyclable at end-of-life, including the protective lamp coating
- End-cap has green bottom plate to identify lamp as recyclable

Application

- For use where contamination resulting from lamp breakage must be prevented, e.g. in food preparation, health care, pharmaceuticals, cleanrooms etc.
- Suitable for use in environments with increased risk of breakage, e.g. sports halls
- Suitable for use in environments where UV emission should be reduced (museums, libraries, archives, food industry, fashion shops, etc.)



Warnings and Safety

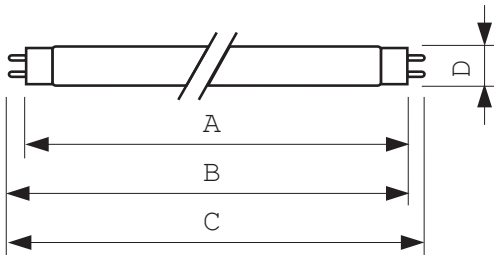
- Not suitable for closed luminaires (as indicated by two blue rings)
- Recommended use in combination with self-stopping lamp control system

Related products



G13, T8

Dimensional drawing



G13, T8

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 36W/840 Secura	1199.4	1204.1	1206.5	1213.6	28

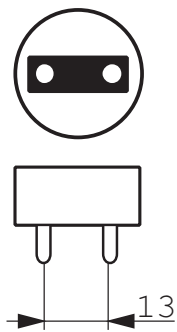
General Characteristics (1/2)

Order code	Full product name	Bulb	Cap-Base	Life to 50% failures EM	Life to 50% fail Preheat EL,3h	Life to 50% fail Nonpreh EL,3h	Life to 10% fail Nonpreh EL,3h	Life to 10% fail Preheat EL,3h	Life to 10% failures EM	LSF EM 20000h Rated,3h cycle	LSF EM 16000h Rated,3h cycle
927921484076	MASTER TL-D Secura 36W/840 1SL	T8	G13	15000	20000	12000	10000	17000	12000	-	-

General Characteristics (2/2)

Order code	Full product name	LSF EM 12000h Rated, 3h cycle	LSF EM 8000h Rated, 3h cycle	LSF EM 6000h Rated, 3h cycle	LSF EM 4000h Rated, 3h cycle	LSF EM 2000h Rated, 3h cycle
927921484076	MASTER TL-D Secura 36W/840 1SL	90	95	96	97	99

Installation diagrams



G13

Light Technical Characteristics (1/2)

Order code	Full product name	Colour Code	Colour Designation	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Colour Temperature	Lum Efficacy Rated EM 25°C	LLMF EM 20000h Rated	LLMF EM 16000h Rated	LLMF EM 12000h Rated
927921484076	MASTER TL-D Secura 36W/840 1SL	840	Cool White	381	379	85	4000	89	-	-	91

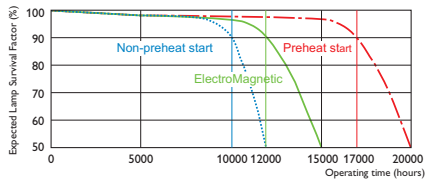
Light Technical Characteristics (2/2)

Order code	Full product name	LLMF EM 8000h Rated	LLMF EM 6000h Rated	LLMF EM 4000h Rated	LLMF EM 2000h Rated	Luminous Flux EM 25°C, Rated	Luminous Flux EM 25°C, Nominal	Design Temperature
927921484076	MASTER TL-D Secura 36W/840 1SL	93	94	95	96	3200	3200	25

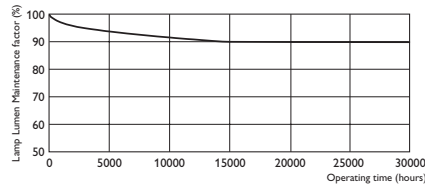
Electrical Characteristics

Order code	Full product name	Lamp Wattage	Dimmable	Lamp Current EM 25°C	Lamp Wattage EM 25°C, Rated	Lamp Wattage EM 25°C, Nominal	Lamp Voltage EM 25°C
927921484076	MASTER TL-D Secura 36W/840 1SL	36	yes	0.440	36.0	36	103

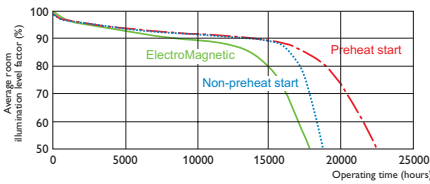
Performance diagrams



Life Expectancy 12h cycle



TL-D Secura



Service Life 3h cycle

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
927921484076	MASTER TL-D Secura 36W/840 1SL	A	2.0



© 2011 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2011, September 8
data subject to change