



# **MASTER TL-D Xtreme**

# MASTER TL-D Xtreme 18W/830 SLV

This MASTER TL-D Xtreme lamp offers extremely long lifetime. This results in extralow lamp cost over life. It is therefore suitable for places where lamp replacement is expensive, due to high ceilings or disturbance of operations, and applications with long burning cycles, e.g. tunnels, oil rigs, manufacturing lines. It can be operated on existing gear or dedicated HF Xtreme gear.

#### **Product data**

General Information				
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]			
Life to 50% Failures (Nom)	47000 h			
Life to 50% Failures Preheat (Nom)	79000 h			
LSF 2000 h Rated	100 %			
LSF 4000 h Rated	99 %			
LSF 6000 h Rated	99 %			
LSF 8000 h Rated	99 %			
LSF 12000 h Rated	99 %			
LSF 16000 h Rated	99 %			
LSF 20000 h Rated	99 %			
Light Technical				
Color Code	830 [ CCT of 3000K]			
Luminous Flux (Nom)	1350 lm			
Luminous Flux (Rated) (Nom)	1350 lm			
Color Designation	Warm White (WW)			
Correlated Color Temperature (Nom)	3000 K			
Luminous Efficacy (rated) (Nom)	76.3 lm/W			
Color Rendering Index (Nom)	>80			
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 (Nom)	17.7 W		
Lamp Current (Nom)	0.370 A		
Temperature			
Design Temperature (Nom)	25 ℃		
Controls and Dimming			
Dimmable	Yes		
Approval and Application			
Energy Efficiency Label (EEL)	A		
Mercury (Hg) Content (Nom)	3.0 mg		
Energy Consumption kWh/1000 h	22 kWh		

Datasheet, 2020, March 19 data subject to change

# **MASTER TL-D Xtreme**

Product Data			
Full product code	871150054492640		
Order product name	MASTER TL-D Xtreme 18W/830 SLV		
EAN/UPC - Product	8711500544926		
Order code	927980383014		
Numerator - Quantity Per Pack	1		

Numerator - Packs per outer box	25		
Material Nr. (12NC)	927980383014		
Net Weight (Piece)	71.000 g		
ILCOS Code	FD-18/30/1B-E-G13		

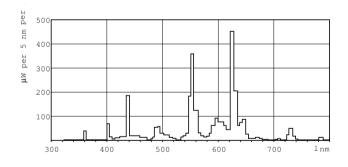
# Warnings and Safety

## Dimensional drawing

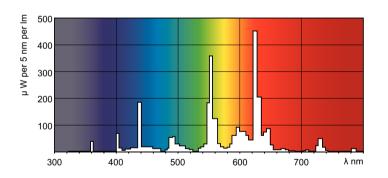
Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Xtreme	28 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
18W/830 SLV					

#### TL-D Xtreme 18W/830

#### Photometric data

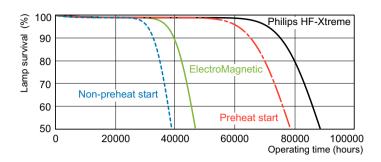




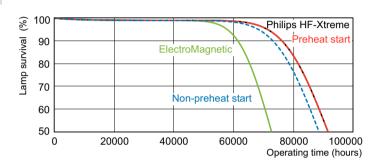


## **MASTER TL-D Xtreme**

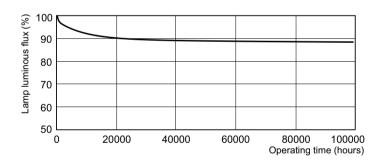
#### Lifetime



LDLE\_TL-D8LL\_0001-Life expectancy diagram



# LDLE\_TL-D8LL\_0003-Life expectancy diagram



LDLM\_TL-D8LL\_0001-Lumen maintenance diagram



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.