

Lighting

PHILIPS

MASTER TL-D Super 80

MASTER TL-D SUPER 80 18W/827 1SL/25

The MASTER TL-D Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires.

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.

Product data

General Information		Lamp Current (Nom)	0.360 A		
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Flux measurement reference	Sphere	Controls and Dimming			
Life to 50% Failures (Nom)	15,000 hour(s)	Dimmable Yes			
Light Technical		Mechanical and Housing			
Color Code	827 [CCT of 2700K]	Bulb Shape T8 [26 mm (T8)]			
Luminous Flux	1,350 lm				
Color Designation	Incandescent White	Approval and Application			
Chromaticity Coordinate X (Nom)	0.463	Energy Efficiency Class	G		
Chromaticity Coordinate Y (Nom)	0.42	Mercury (Hg) Content (Nom)	1.7 mg		
Correlated Color Temperature (Nom)	2700 K	Energy Consumption kWh/1000 h	19 kWh		
Luminous Efficacy (rated) (Nom)	75 lm/W	EPREL Registration Number	ion Number 423358		
Color rendering index (CRI)	82				
		Product Data			
Operating and Electrical		Order product name	MASTER TL-D Super 80 18W/827 1SL/25		
Power Consumption	18.2 W	Full product name	MASTER TL-D SUPER 80 18W/827 1SL/25		

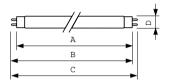
MASTER TL-D Super 80

Full product code	871150063162640		
Order code	63162640		
Material Nr. (12NC)	927920082723		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8711500631626		

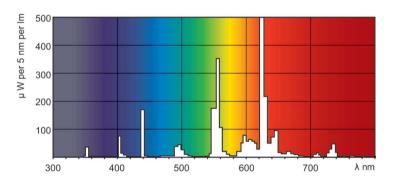
Numerator - Packs per outer box	25
EAN/UPC - Case	8711500631633

Dimensional drawing

Product	D (max)	A (max)	B (max)	B (min)	C (max)
MASTER TL-D Super 80 18W/827	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
1SL/25					

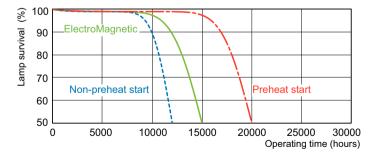


Photometric data

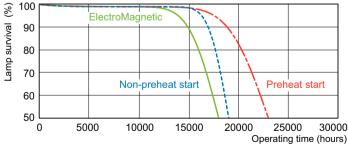


Spectral Power Distribution Colour - MASTER TL-D Super 80 18W/827 1SL/25

Lifetime



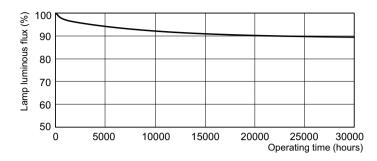
Life Expectancy Diagram - MASTER TL-D Super 80 18W/827 1SL/25



Life Expectancy Diagram - MASTER TL-D Super 80 18W/827 1SL/25

MASTER TL-D Super 80

Lifetime



Lumen Maintenance Diagram - MASTER TL-D Super 80 18W/827 1SL/25



© 2023 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.

www.lighting.philips.com 2023, May 8 - data subject to change