

# Lighting

**PHILIPS** 

## **TL-D LIFEMAX Super** 80

### TL-D 36W/830 1SL/25

The TL-D LIFEMAX 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.

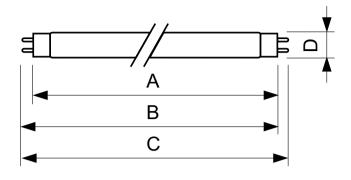
#### **Product data**

General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	15,000 hour(s)				
Life to 50% Failures (Nom)	15,000 hour(s)				
Light Technical					
Color Code	830 [CCT of 3000K]				
Color Designation	Warm White (WW)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	90 lm/W				
Color rendering index (CRI)	83				
Operating and Electrical					
Power Consumption	36 W				
Lamp Current (Nom)	0.440 A				
Voltage (Nom)	103 V				
Controls and Dimming					
Dimmable	Yes				

Mechanical and Housing				
Bulb Shape	Т8			
Net Weight (Piece)	0.140 kg			
Approval and Application				
Mercury (Hg) Content (Nom)	2.0 mg			
Product Data				
Order product name	36 W G13 Warm white Linear fluorescent tube			
Full product name	TL-D 36W/830 1SL/25			
Full product code	871150028559140			
Order code	28559140			
Material Nr. (12NC)	927982283036			
Numerator - Quantity Per Pack	1			
EAN/UPC - Product/Case	8711500285591			
Numerator - Packs per outer box	25			
EAN/UPC - Case	8711500285874			

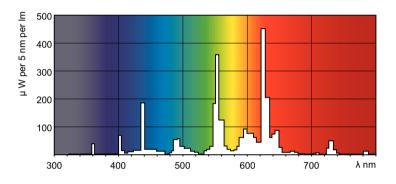
#### **TL-D LIFEMAX Super 80**

#### Dimensional drawing



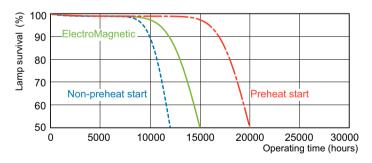
Product	D (max)	A (max)	B (max)	B (min)	C (max)
36 W G13 Warm white Linear	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
fluorescent tube					

#### Photometric data



Spectral Power Distribution Colour - TL-D 36W/830 1SL/25

#### Lifetime



Life expectancy diagram - 3 hour cycle

Lamp survival (%) 70 Non-preheat start Preheat start 60 50 0 5000 10000 15000 20000 25000 30000 Operating time (hours)

ElectroMagnetic

Life expectancy diagram - 12 hour cycle

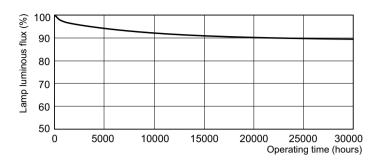
100

90

80

#### **TL-D LIFEMAX Super 80**

Lifetime



Lumen Maintenance Diagram - TL-D 36W/830 1SL/25



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