

Efficient fluorescent lighting with improved color rendering

TL-D LIFEMAX Super 80

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.

Benefits

- · Good color rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- · Create atmospheres from warm white to cool daylight

Features

- · Highly efficient 3-band fluorescent coating
- · High initial light output compared with standard colors
- · Low mercury dose
- · Can be used with conventional or electronic gear
- · Higher efficacy is achieved with electronic gear

Application

• Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc.

Versions



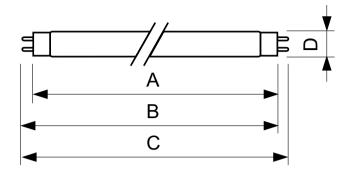
LPPR TL-D8G G13 T8



18 W G13 Linear fluorescent tube -

TL-D LIFEMAX Super 80

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
18 W G13 Cool white Linear	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
fluorescent tube					
36 W G13 Cool daylight	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
Linear fluorescent tube					
36 W G13 Cool white Linear	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
fluorescent tube					
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					
TL-D 36W/840 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm

General Information	
Cap-Base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	Т8
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg

General Information

Order Code	Full Product Name	Nominal lifetime
19449000	TL-D 36W/840 1SL/25	-
28560700	TL-D 18W/840 1SL/25	15,000 hour(s)
28559140	TL-D 36W/830 1SL/25	15,000 hour(s)

Order Code	Full Product Name	Nominal lifetime
28561440	TL-D 36W/840 1SL/25	15,000 hour(s)
28563840	TL-D 36W/865 1SL/25	15,000 hour(s)

Light Technical

•					
			Correlated		Luminous
			Color	Color	Efficacy
	Full Product	Color	Temperature	rendering	(rated)
Order Code	Name	Designation	(Nom)	index (CRI)	(Nom)
19449000	TL-D	Cool White	4000 K	82	90 lm/W
	36W/840	(CW)			
	1SL/25				
28560700	TL-D	Cool White	4000 K	82	75 lm/W
	18W/840	(CW)			
	1SL/25				
28559140	TL-D	Warm White	3000 K	83	90 lm/W
	36W/830	(WW)			
	1SL/25				

			Correlated		Luminous
			Color	Color	Efficacy
	Full Product	Color	Temperature	rendering	(rated)
Order Code	Name	Designation	(Nom)	index (CRI)	(Nom)
28561440	TL-D	Cool White	4000 K	82	90 lm/W
	36W/840	(CW)			
	1SL/25				
28563840	TL-D	Cool Daylight	6500 K	80	85 lm/W
	36W/865				
	1SL/25				

Operating and Electrical

TL-D LIFEMAX Super 80

		Lamp Current	Voltage	Power
Order Code	Full Product Name	(Nom)	(Nom)	Consumption
19449000	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
28560700	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
28559140	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W

		Lamp Current	Voltage	Power
Order Code	Full Product Name	(Nom)	(Nom)	Consumption
28561440	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
28563840	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W



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