



# 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.

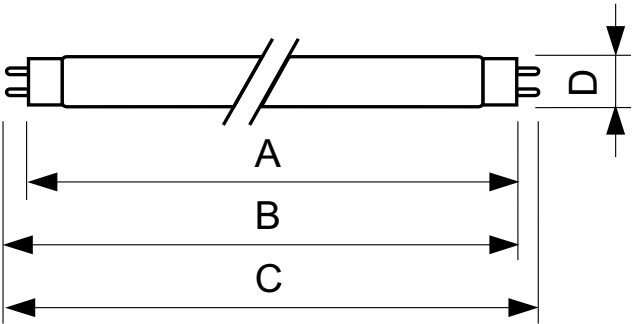
# TL-D LIFEMAX Super 80

## Versions



LPPR TL-D8G G13 T8

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/827 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/830 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 36W/827 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/830 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/840 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/865 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
Nominal lifetime	15,000 hour(s)
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg

## Light Technical

			Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
Order Code	Full Product Name	Color Designation			
927980282736	TL-D 18W/827 1SL/25	Incandescent White	2700 K	82	75 lm/W

			Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
Order Code	Full Product Name	Color Designation			
927980283036	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	83	75 lm/W

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Order Code	Full Product Name	Color Designation	Correlated Color Temperature	Color rendering index	Luminous Efficacy
			(Nom)	(CRI)	(rated) (Nom)
927980284036	TL-D	Cool White	4000 K	82	75 lm/W
	18W/840	(CW)			
	1SL/25				
927980286536	TL-D	Cool Daylight	6500 K	80	71 lm/W
	18W/865				
	1SL/25				
927982282736	TL-D	Incandescent	2700 K	82	90 lm/W
	36W/827	White			
	1SL/25				

Order Code	Full Product Name	Color Designation	Correlated Color Temperature	Color rendering index	Luminous Efficacy
			(Nom)	(CRI)	(rated) (Nom)
927982283036	TL-D	Warm White	3000 K	83	90 lm/W
	36W/830	(WW)			
	1SL/25				
927982284036	TL-D	Cool White	4000 K	82	90 lm/W
	36W/840	(CW)			
	1SL/25				
927982286536	TL-D	Cool Daylight	6500 K	80	85 lm/W
	36W/865				
	1SL/25				

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(Nom)	(Nom)	Consumption
927980282736	TL-D 18W/827 1SL/25	0.360 A	59 V	18 W
927980283036	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W
927980284036	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927980286536	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(Nom)	(Nom)	Consumption
927982282736	TL-D 36W/827 1SL/25	0.440 A	103 V	36 W
927982283036	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W
927982284036	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927982286536	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W

