# **PHILIPS** Lighting

## 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

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

#### Features

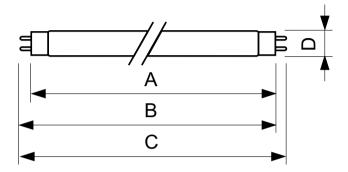
- Highly efficient 3-band fluorescent coating
- $\cdot$  Highly efficient 3-band fluorescent coating
- $\cdot$  High initial light output compared with standard colors
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- Low mercury dose
- $\boldsymbol{\cdot}$  Low mercury dose
- $\cdot$  Can be used with conventional or electronic gear
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- $\cdot$  Higher efficacy is achieved with electronic gear
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#### **TL-D LIFEMAX Super 80**

#### 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.
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#### **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	Т8
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg

#### Light Technical

			Correlated	Color	Luminous				Correlated	Color	Luminous
			Color	rendering	Efficacy				Color	rendering	Efficacy
	Full Product	Color	Temperature	index	(rated)		Full Product	Color	Temperature	index	(rated)
Order Code	Name	Designation	(Nom)	(CRI)	(Nom)	Order Code	Name	Designation	(Nom)	(CRI)	(Nom)
927980282736	TL-D	Incandescent	2700 K	82	75 lm/W	927982282736	TL-D	Incandescent	2700 K	82	90 lm/W
	18W/827	White					36W/827	White			
	1SL/25						1SL/25				
927980283036	TL-D	Warm White	3000 K	83	75 lm/W	927982283036	TL-D	Warm White	3000 K	83	90 lm/W
	18W/830	(WW)					36W/830	(WW)			
	1SL/25						1SL/25				
927980284036	TL-D	Cool White	4000 K	82	75 lm/W	927982284036	TL-D	Cool White	4000 K	82	90 lm/W
	18W/840	(CW)					36W/840	(CW)			
	1SL/25						1SL/25				
927980286536	TL-D	Cool Daylight	6500 K	80	71 lm/W	927982286536	TL-D	Cool Daylight	6500 K	80	85 lm/W
	18W/865						36W/865				
	1SL/25						1SL/25				

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

#### **Operating and Electrical**

		Lamp			
		Current	Voltage	Power	
Order Code	Full Product Name	(Nom)	(Nom)	Consumption	Order Code
927980282736	TL-D 18W/827 1SL/25	0.360 A	59 V	18 W	927982282736
927980283036	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W	927982283036
927980284036	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W	927982284036
927980286536	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W	927982286536

		Lamp		
		Current	Voltage	Power
Order Code	Full Product Name	(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



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