

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

#### **Features**

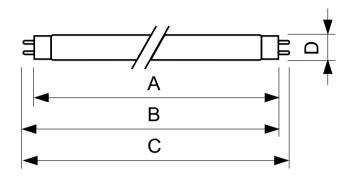
- · Highly efficient 3-band fluorescent coating
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- · High initial light output compared with standard colors
- · High initial light output compared with standard colors
- Low mercury dose
- · Low mercury dose
- · Can be used with conventional or electronic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

# **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)
18 W G13 Cool daylight Linear	, ,	589.8 mm	596.9 mm	594.5 mm	604 mm
fluorescent tube					
18 W G13 Cool white Linear	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
fluorescent tube					
18 W G13 Incandescent white	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
Linear fluorescent tube					
18 W G13 Warm 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 Incandescent white	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
Linear 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					

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

	Full Product	Color	Correlated Color Temperature	Color rendering index	Luminous Efficacy (rated)
Order Code	Name	Designation	(Nom)	(CRI)	(Nom)
927980282736	18 W G13	Incandescent	2700 K	82	75 lm/W
	Incandescent	White			
	white Linear				
	fluorescent				
	tube				

		Correlated	Color	Luminous
		Color	rendering	Efficacy
Full Product	Color	Temperature	index	(rated)
Name	Designation	(Nom)	(CRI)	(Nom)
18 W G13 Warm	Warm White	3000 K	83	75 lm/W
white Linear	(WW)			
fluorescent				
tube				
	Name 18 W G13 Warm white Linear fluorescent	Name Designation 18 W G13 Warm Warm White white Linear (WW) fluorescent	Full Product Color Temperature Name Designation (Nom)  18 W G13 Warm Warm White A 3000 K white Linear (WW) fluorescent	Full Product Color rendering  Full Product Color Temperature index  Name Designation (Nom) (CRI)  18 W G13 Warm Warm White 3000 K 83  white Linear (WW)  fluorescent

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Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927980284036	18 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	82	75 lm/W
927980286536	18 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	80	71 lm/W
927982282736	36 W G13 Incandescent white Linear	Incandescent White	2700 K	82	90 lm/W

	Full Product	Color	Correlated Color Temperature	Color rendering index	Luminous Efficacy (rated)
Order Code	Name	Designation	(Nom)	(CRI)	(Nom)
	fluorescent				
	tube				
927982283036	36 W G13 Warm	Warm White	3000 K	83	90 lm/W
	white Linear	(WW)			
	fluorescent				
	tube				
927982284036	36 W G13 Cool	Cool White	4000 K	82	90 lm/W
	white Linear	(CW)			
	fluorescent				
	tube				
927982286536	36 W G13 Cool	Cool Daylight	6500 K	80	85 lm/W
	daylight Linear				
	fluorescent				
	tube				

#### Operating and Electrical

		Lamp		
		Current	Voltage	Power
Order Code	Full Product Name	(Nom)	(Nom)	Consumption
927980282736	18 W G13 Incandescent	0.360 A	59 V	18 W
	white Linear fluorescent			
	tube			
927980283036	18 W G13 Warm white	0.360 A	59 V	18 W
	Linear fluorescent tube			
927980284036	18 W G13 Cool white Linear	0.360 A	59 V	18 W
	fluorescent tube			
927980286536	18 W G13 Cool daylight	0.360 A	59 V	18 W
	Linear fluorescent tube			

		Lamp		
		Current	Voltage	Power
Order Code	Full Product Name	(Nom)	(Nom)	Consumption
927982282736	36 W G13 Incandescent	0.440 A	103 V	36 W
	white Linear fluorescent			
	tube			
927982283036	36 W G13 Warm white	0.440 A	103 V	36 W
	Linear fluorescent tube			
927982284036	36 W G13 Cool white	0.440 A	103 V	36 W
	Linear fluorescent tube			
927982286536	36 W G13 Cool daylight	0.440 A	103 V	36 W
	Linear fluorescent tube			

