



# 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

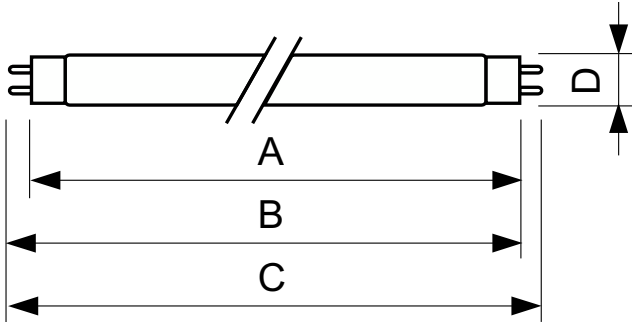
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- Low mercury dose
- Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

### 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

## Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
18 W G13 Cool daylight Linear fluorescent tube	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
18 W G13 Cool white Linear fluorescent tube	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
18 W G13 Incandescent white Linear fluorescent tube	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
18 W G13 Warm white Linear fluorescent tube	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
30 W G13 Cool daylight Linear fluorescent tube	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
30 W G13 Cool white Linear fluorescent tube	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
36 W G13 Cool daylight Linear fluorescent tube	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
36 W G13 Cool white Linear fluorescent tube	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
36 W G13 Incandescent white Linear fluorescent tube	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
36 W G13 Warm white Linear fluorescent tube	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
58 W G13 Cool daylight Linear fluorescent tube	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
58 W G13 Cool white Linear fluorescent tube	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 18W/830 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/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/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/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
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg

## General Information

## TL-D LIFEMAX Super 80

Order Code	Full Product Name	Nominal lifetime
927980283040	TL-D 18W/830 1SL/25	-
927980283053	TL-D 18W/830 1SL/25	-
927980284040	TL-D 18W/840 1SL/25	-
927980284053	TL-D 18W/840 1SL/25	-
927980286553	TL-D 18W/865 1SL/25	-
927982283040	TL-D 36W/830 1SL/25	-
927982284040	TL-D 36W/840 1SL/25	-
927982284053	TL-D 36W/840 1SL/25	-
927982286553	TL-D 36W/865 1SL/25	-
927980282736	18 W G13 Incandescent white Linear fluorescent tube	15,000 hour(s)
927980283036	18 W G13 Warm white Linear fluorescent tube	15,000 hour(s)

Order Code	Full Product Name	Nominal lifetime
927980284036	18 W G13 Cool white Linear fluorescent tube	15,000 hour(s)
927980286536	18 W G13 Cool daylight Linear fluorescent tube	15,000 hour(s)
927981284036	30 W G13 Cool white Linear fluorescent tube	15,000 hour(s)
927981286536	30 W G13 Cool daylight Linear fluorescent tube	15,000 hour(s)
927982282736	36 W G13 Incandescent white Linear fluorescent tube	15,000 hour(s)
927982283036	36 W G13 Warm white Linear fluorescent tube	15,000 hour(s)
927982284036	36 W G13 Cool white Linear fluorescent tube	15,000 hour(s)
927982286536	36 W G13 Cool daylight Linear fluorescent tube	15,000 hour(s)
927983284036	58 W G13 Cool white Linear fluorescent tube	15,000 hour(s)
927983286536	58 W G13 Cool daylight Linear fluorescent tube	15,000 hour(s)

### Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927980283040	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	83	75 lm/W
927980283053	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	83	75 lm/W
927980284040	TL-D 18W/840 1SL/25	Cool White (CW)	4000 K	82	75 lm/W
927980284053	TL-D 18W/840 1SL/25	Cool White (CW)	4000 K	82	75 lm/W
927980286553	TL-D 18W/865 1SL/25	Cool Daylight	6500 K	80	71 lm/W
927982283040	TL-D 36W/830 1SL/25	Warm White (WW)	3000 K	83	90 lm/W
927982284040	TL-D 36W/840 1SL/25	Cool White (CW)	4000 K	82	90 lm/W
927982284053	TL-D 36W/840 1SL/25	Cool White (CW)	4000 K	82	90 lm/W
927982286553	TL-D 36W/865 1SL/25	Cool Daylight	6500 K	80	85 lm/W
927980282736	18 W G13 Incandescent white Linear fluorescent tube	Incandescent White	2700 K	82	75 lm/W
927980283036	18 W G13 Warm white Linear fluorescent tube	Warm White (WW)	3000 K	83	75 lm/W
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

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927981284036	30 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	82	80 lm/W
927981286536	30 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	80	77 lm/W
927982282736	36 W G13 Incandescent white Linear fluorescent tube	Incandescent White	2700 K	82	90 lm/W
927982283036	36 W G13 Warm white Linear fluorescent tube	Warm White (WW)	3000 K	83	90 lm/W
927982284036	36 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	82	90 lm/W
927982286536	36 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	80	85 lm/W
927983284036	58 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	82	88 lm/W
927983286536	58 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	80	82 lm/W

# TL-D LIFEMAX Super 80

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
	fluorescent tube				

## Operating and Electrical

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
927980283040	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W
927980283053	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W
927980284040	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927980284053	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927980286553	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W
927982283040	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W
927982284040	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927982284053	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927982286553	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W
927980282736	18 W G13 Incandescent white Linear fluorescent tube	0.360 A	59 V	18 W
927980283036	18 W G13 Warm white Linear fluorescent tube	0.360 A	59 V	18 W
927980284036	18 W G13 Cool white Linear fluorescent tube	0.360 A	59 V	18 W
927980286536	18 W G13 Cool daylight Linear fluorescent tube	0.360 A	59 V	18 W

Order Code	Full Product Name	Lamp		
		Current (Nom)	Voltage (Nom)	Power Consumption
927981284036	30 W G13 Cool white Linear fluorescent tube	0.360 A	98 V	30 W
927981286536	30 W G13 Cool daylight Linear fluorescent tube	0.360 A	98 V	30 W
927982282736	36 W G13 Incandescent white Linear fluorescent tube	0.440 A	103 V	36 W
927982283036	36 W G13 Warm white Linear fluorescent tube	0.440 A	103 V	36 W
927982284036	36 W G13 Cool white Linear fluorescent tube	0.440 A	103 V	36 W
927982286536	36 W G13 Cool daylight Linear fluorescent tube	0.440 A	103 V	36 W
927983284036	58 W G13 Cool white Linear fluorescent tube	0.670 A	111 V	58.5 W
927983286536	58 W G13 Cool daylight Linear fluorescent tube	0.670 A	111 V	58 W

