



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.

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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
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

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

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927980282736	18 W G13 Incandescent white Linear fluorescent tube	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

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

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

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
	fluorescent tube				
927982286536	36 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	80	85 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
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
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

