



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

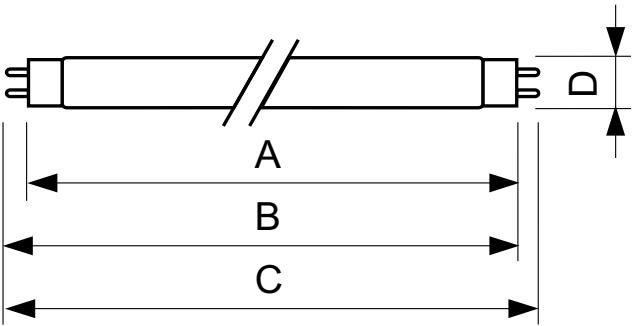
- Highly efficient 3-band fluorescent coating
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- High initial light output compared with standard colors
- Low mercury dose
- Low mercury dose
- Can be used with conventional or electronic gear
- Can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

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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 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

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

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Order Code	Full Product Name	Color Designation	Correlated Color Temperature	Color rendering index	Luminous Efficacy
			(Nom)	(CRI)	(rated) (Nom)
927980282736	18 W G13	Incandescent	2700 K	82	75 lm/W
	Incandescent	White			
	white Linear				
	fluorescent tube				
927980283036	18 W G13 Warm white Linear	Warm White (WW)	3000 K	83	75 lm/W
	fluorescent tube				
927980284036	18 W G13 Cool white Linear	Cool White (CW)	4000 K	82	75 lm/W
	fluorescent tube				
927981284036	30 W G13 Cool white Linear	Cool White (CW)	4000 K	82	80 lm/W
	fluorescent tube				
927981286536	30 W G13 Cool daylight Linear	Cool Daylight	6500 K	80	77 lm/W
	fluorescent tube				
927982282736	36 W G13 Incandescent	Incandescent	2700 K	82	90 lm/W
	Incandescent	White			

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(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			
927981284036	30 W G13 Cool white	0.360 A	98 V	30 W
	Linear fluorescent tube			
927981286536	30 W G13 Cool daylight	0.360 A	98 V	30 W
	Linear fluorescent tube			
927982282736	36 W G13 Incandescent	0.440 A	103 V	36 W
	white Linear fluorescent tube			

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

Order Code	Full Product Name	Lamp Current	Voltage	Power
		(Nom)	(Nom)	Consumption
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			
927983284036	58 W G13 Cool white	0.670 A	111 V	58.5 W
	Linear fluorescent tube			
927983286536	58 W G13 Cool daylight	0.670 A	111 V	58 W
	Linear fluorescent tube			

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