PHILIPS

TL-D LIFEMAX Super 80



TLDLS80

Efficient fluorescent lighting with improved color rendering

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
- Low mercury dose
- Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

Applications

- 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.

Features

- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors

Versions

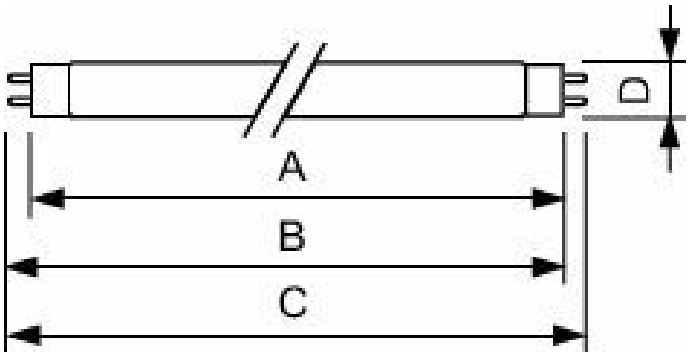


LPPR TL-D8G G13 T8



18 W G13 Linear fluorescent tube - RFT

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 [Medium Bi-Pin Fluorescent]
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)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
927980283040	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	75 lm/W	83
927980283053	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	75 lm/W	83
927980284040	TL-D 18W/840 1SL/25	Cool White (CW)	4000 K	75 lm/W	82
927980284053	TL-D 18W/840 1SL/25	Cool White (CW)	4000 K	75 lm/W	82
927980286553	TL-D 18W/865 1SL/25	Cool Daylight	6500 K	71 lm/W	80
927982283040	TL-D 36W/830 1SL/25	Warm White (WW)	3000 K	90 lm/W	83
927982284040	TL-D 36W/840 1SL/25	Cool White (CW)	4000 K	90 lm/W	82
927982284053	TL-D 36W/840 1SL/25	Cool White (CW)	4000 K	90 lm/W	82
927982286553	TL-D 36W/865 1SL/25	Cool Daylight	6500 K	85 lm/W	80
927980282736	18 W G13 Incandescent white Linear fluorescent tube	Incandescent White	2700 K	75 lm/W	82
927980283036	18 W G13 Warm white Linear fluorescent tube	Warm White (WW)	3000 K	75 lm/W	83
927980284036	18 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	75 lm/W	82
927980286536	18 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	71 lm/W	80
927981284036	30 W G13 Cool white Linear fluorescent tube	Cool White (CW)	4000 K	80 lm/W	82
927981286536	30 W G13 Cool daylight Linear fluorescent tube	Cool Daylight	6500 K	77 lm/W	80
927982282736	36 W G13 Incandescent white Linear fluorescent tube	Incandescent White	2700 K	90 lm/W	82
927982283036	36 W G13 Warm white Linear fluorescent tube	Warm White (WW)	3000 K	90 lm/W	83

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
927980283040	TL-D 18W/830 1SL/25	18 W	0.360 A	59 V
927980283053	TL-D 18W/830 1SL/25	18 W	0.360 A	59 V
927980284040	TL-D 18W/840 1SL/25	18 W	0.360 A	59 V
927980284053	TL-D 18W/840 1SL/25	18 W	0.360 A	59 V
927980286553	TL-D 18W/865 1SL/25	18 W	0.360 A	59 V
927982283040	TL-D 36W/830 1SL/25	36 W	0.440 A	103 V
927982284040	TL-D 36W/840 1SL/25	36 W	0.440 A	103 V
927982284053	TL-D 36W/840 1SL/25	36 W	0.440 A	103 V
927982286553	TL-D 36W/865 1SL/25	36 W	0.440 A	103 V
927980282736	18 W G13 Incandescent white Linear fluorescent tube	18 W	0.360 A	59 V
927980283036	18 W G13 Warm white Linear fluorescent tube	18 W	0.360 A	59 V
927980284036	18 W G13 Cool white Linear fluorescent tube	18 W	0.360 A	59 V
927980286536	18 W G13 Cool daylight Linear fluorescent tube	18 W	0.360 A	59 V
927981284036	30 W G13 Cool white Linear fluorescent tube	30 W	0.360 A	98 V
927981286536	30 W G13 Cool daylight Linear fluorescent tube	30 W	0.360 A	98 V
927982282736	36 W G13 Incandescent white Linear fluorescent tube	36 W	0.440 A	103 V
927982283036	36 W G13 Warm white Linear fluorescent tube	36 W	0.440 A	103 V
927982284036	36 W G13 Cool white Linear fluorescent tube	36 W	0.440 A	103 V
927982286536	36 W G13 Cool daylight Linear fluorescent tube	36 W	0.440 A	103 V
927983284036	58 W G13 Cool white Linear fluorescent tube	58.5 W	0.670 A	111 V
927983286536	58 W G13 Cool daylight Linear fluorescent tube	58 W	0.670 A	111 V

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