



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

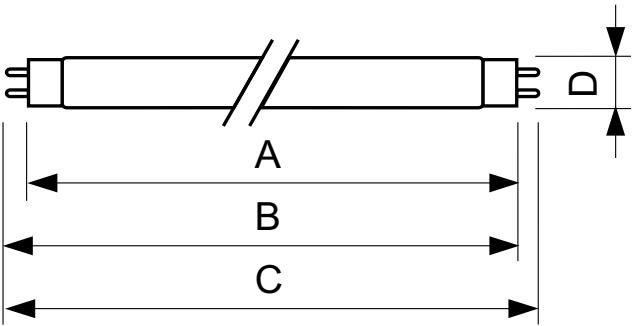
- Highly efficient 3-band fluorescent coating
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- High initial light output compared with standard colors
- Low mercury dose
- Low mercury dose
- Can be used with conventional or electronic gear
- Can 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)
TL-D 18W/827 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/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 30W/840 1SL/25	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TL-D 30W/865 1SL/25	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TL-D 36W/827 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 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/865 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 58W/840 1SL/25	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 58W/865 1SL/25	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

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927980282736	TL-D 18W/827 1SL/25	Incandescent White	2700 K	82	75 lm/W
927980283036	TL-D 18W/830 1SL/25	Warm White (WW)	3000 K	83	75 lm/W
927980284036	TL-D 18W/840 1SL/25	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	TL-D 18W/865 1SL/25	Cool Daylight	6500 K	80	71 lm/W
927981284036	TL-D 30W/840 1SL/25	Cool White (CW)	4000 K	82	80 lm/W
927981286536	TL-D 30W/865 1SL/25	Cool Daylight	6500 K	80	77 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)
927982282736	TL-D 36W/827 1SL/25	Incandescent White	2700 K	82	90 lm/W
927982283036	TL-D 36W/830 1SL/25	Warm White (WW)	3000 K	83	90 lm/W
927982284036	TL-D 36W/840 1SL/25	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)
927982286536	TL-D 36W/865 1SL/25	Cool Daylight	6500 K	80	85 lm/W
927983284036	TL-D 58W/840 1SL/25	Cool White (CW)	4000 K	82	88 lm/W
927983286536	TL-D 58W/865 1SL/25	Cool Daylight	6500 K	80	82 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927980282736	TL-D 18W/827 1SL/25	0.360 A	59 V	18 W
927980283036	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W
927980284036	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927980286536	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W
927981284036	TL-D 30W/840 1SL/25	0.360 A	98 V	30 W
927981286536	TL-D 30W/865 1SL/25	0.360 A	98 V	30 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927982282736	TL-D 36W/827 1SL/25	0.440 A	103 V	36 W
927982283036	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W
927982284036	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927982286536	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W
927983284036	TL-D 58W/840 1SL/25	0.670 A	111 V	58.5 W
927983286536	TL-D 58W/865 1SL/25	0.670 A	111 V	58.5 W

