

Efficient fluorescent lighting with improved color rendering

TL-D consumer products

The lamp can be operated in existing TL-D luminaire and is available in a wide range of wattages and colors.

Benefits

- Good color rendering
- High energy efficiency and lumen maintenance
- Long lifetime
- Create atmospheres from warm white to cool daylight

Features

- Highly efficient 3-band fluorescent coating
- Low mercury dose
- Can be used with conventional or electronic gear

Application

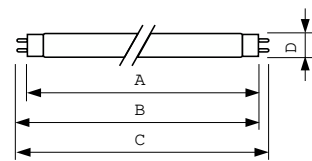
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps.

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 15W/827 1PP/10	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
TL-D 15W/840 1PP/10	28 mm	437.4 mm	444.5 mm	442.1 mm	451.6 mm
TL-D 16W/827 1PP/10	28 mm	720.0 mm	727.1 mm	724.7 mm	734.2 mm
TL-D 18W/827 1PP/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/830 1PP/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/840 1PP/10	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 30W/827 1PP/10	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TL-D 30W/840 1PP/10	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TL-D 36W/827 1PP/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/840 1PP/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/865 1PP/10	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 58W/827 1PP/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 58W/830 1PP/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 58W/840 1PP/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm
TL-D 58W/865 1PP/10	28 mm	1,500.0 mm	1,507.1 mm	1,504.7 mm	1,514.2 mm

General Information	
Cap-Base	G13
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Shape	T8
Approval and Application	
Mercury (Hg) Content (Nom)	1.7 mg

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)					
927920082719	TL-D 18W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	75 lm/W	1,350 lm
927920083022	TL-D 18W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 K	82	75 lm/W	1,350 lm
927920084022	TL-D 18W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	81	75 lm/W	1,350 lm
927920582719	TL-D 30W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	80 lm/W	2,400 lm
927920584019	TL-D 30W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	81	80 lm/W	2,400 lm
927921082719	TL-D 36W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	93 lm/W	3,350 lm
927921084022	TL-D 36W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	80	93 lm/W	3,350 lm
927921086513	TL-D 36W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K	80	84 lm/W	3,200 lm
927922082719	TL-D 58W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	90 lm/W	5,240 lm
927922083022	TL-D 58W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 K	82	90 lm/W	5,240 lm
927922084022	TL-D 58W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	80	90 lm/W	5,240 lm
927922086513	TL-D 58W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K	80	81 lm/W	5,000 lm
927922282766	TL-D 15W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	67 lm/W	1,000 lm
927922284066	TL-D 15W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	82	67 lm/W	1,000 lm
928024982766	TL-D 16W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	75 lm/W	1,250 lm

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Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927920082719	TL-D 18W/827 1PP/10	0.360 A	18.2 W
927920083022	TL-D 18W/830 1PP/10	0.360 A	18.2 W
927920084022	TL-D 18W/840 1PP/10	0.360 A	18.2 W
927920582719	TL-D 30W/827 1PP/10	0.360 A	30.2 W
927920584019	TL-D 30W/840 1PP/10	0.360 A	30.2 W
927921082719	TL-D 36W/827 1PP/10	0.440 A	36.8 W
927921084022	TL-D 36W/840 1PP/10	0.440 A	36.8 W
927921086513	TL-D 36W/865 1PP/10	0.440 A	36.8 W

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927922082719	TL-D 58W/827 1PP/10	0.670 A	59.4 W
927922083022	TL-D 58W/830 1PP/10	0.670 A	59.4 W
927922084022	TL-D 58W/840 1PP/10	0.670 A	59.4 W
927922086513	TL-D 58W/865 1PP/10	0.670 A	59.4 W
927922282766	TL-D 15W/827 1PP/10	0.340 A	15.5 W
927922284066	TL-D 15W/840 1PP/10	0.335 A	15.5 W
928024982766	TL-D 16W/827 1PP/10	0.200 A	16.5 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927920082719	TL-D 18W/827 1PP/10	19 kWh
927920083022	TL-D 18W/830 1PP/10	19 kWh
927920084022	TL-D 18W/840 1PP/10	19 kWh
927920582719	TL-D 30W/827 1PP/10	31 kWh
927920584019	TL-D 30W/840 1PP/10	31 kWh
927921082719	TL-D 36W/827 1PP/10	37 kWh
927921084022	TL-D 36W/840 1PP/10	37 kWh
927921086513	TL-D 36W/865 1PP/10	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927922082719	TL-D 58W/827 1PP/10	60 kWh
927922083022	TL-D 58W/830 1PP/10	60 kWh
927922084022	TL-D 58W/840 1PP/10	60 kWh
927922086513	TL-D 58W/865 1PP/10	60 kWh
927922282766	TL-D 15W/827 1PP/10	16 kWh
927922284066	TL-D 15W/840 1PP/10	16 kWh
928024982766	TL-D 16W/827 1PP/10	17 kWh

