

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

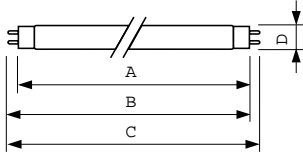
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps.

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 18W/865 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/830 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/830 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		Color Designation	Correlated Color Temperature		Luminous Efficacy (rated) (Nom)
		Coordinate X (Nom)	Coordinate Y (Nom)		(Nom)	(Nom)	
927920082719	TL-D 18W/827 1PP/10	0.463	0.42	Incandescent White	2700 K		75 lm/W
927920083022	TL-D 18W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 K		75 lm/W
927920084022	TL-D 18W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K		75 lm/W
927920086522	TL-D 18W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K		68 lm/W
927920582719	TL-D 30W/827 1PP/10	0.463	0.42	Incandescent White	2700 K		80 lm/W
927920583019	TL-D 30W/830 1PP/10	-	-	Warm White (WW)	3000 K		80 lm/W
927920584019	TL-D 30W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K		80 lm/W
927921082719	TL-D 36W/827 1PP/10	0.463	0.42	Incandescent White	2700 K		93 lm/W
927921083022	TL-D 36W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 K		93 lm/W
927921084022	TL-D 36W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K		93 lm/W
927921086513	TL-D 36W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K		84 lm/W
927922082719	TL-D 58W/827 1PP/10	0.463	0.42	Incandescent White	2700 K		90 lm/W
927922083022	TL-D 58W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 K		90 lm/W

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Order Code	Full Product Name	Chromaticity		Color Designation	Correlated Color Temperature	
		Coordinate X (Nom)	Coordinate Y (Nom)		(Nom)	Luminous Efficacy (rated) (Nom)
927922084022	TL-D 58W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	90 lm/W
927922086513	TL-D 58W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K	81 lm/W
927922282766	TL-D 15W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	67 lm/W
927922284066	TL-D 15W/840 1PP/10	0.38	0.38	Cool White (CW)	4000 K	67 lm/W
928024982766	TL-D 16W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	75 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)
927920082719	TL-D 18W/827 1PP/10	0.360 A
927920083022	TL-D 18W/830 1PP/10	0.360 A
927920084022	TL-D 18W/840 1PP/10	0.360 A
927920086522	TL-D 18W/865 1PP/10	0.360 A
927920582719	TL-D 30W/827 1PP/10	0.360 A
927920583019	TL-D 30W/830 1PP/10	0.360 A
927920584019	TL-D 30W/840 1PP/10	0.360 A
927921082719	TL-D 36W/827 1PP/10	0.440 A
927921083022	TL-D 36W/830 1PP/10	0.440 A

Order Code	Full Product Name	Lamp Current (Nom)
927921084022	TL-D 36W/840 1PP/10	0.440 A
927921086513	TL-D 36W/865 1PP/10	0.440 A
927922082719	TL-D 58W/827 1PP/10	0.670 A
927922083022	TL-D 58W/830 1PP/10	0.670 A
927922084022	TL-D 58W/840 1PP/10	0.670 A
927922086513	TL-D 58W/865 1PP/10	0.670 A
927922282766	TL-D 15W/827 1PP/10	0.340 A
927922284066	TL-D 15W/840 1PP/10	0.335 A
928024982766	TL-D 16W/827 1PP/10	0.200 A

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
927920086522	TL-D 18W/865 1PP/10	19 kWh
927920582719	TL-D 30W/827 1PP/10	31 kWh
927920583019	TL-D 30W/830 1PP/10	36 kWh
927920584019	TL-D 30W/840 1PP/10	31 kWh
927921082719	TL-D 36W/827 1PP/10	37 kWh
927921083022	TL-D 36W/830 1PP/10	37 kWh

Order Code	Full Product Name	Energy Consumption kWh/1000 h
927921084022	TL-D 36W/840 1PP/10	37 kWh
927921086513	TL-D 36W/865 1PP/10	37 kWh
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

