

# 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

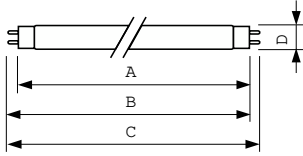
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps.

### 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	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
927920086522	TL-D 18W/865 1PP/10	0.313	0.337	Cool Daylight	6500 K	80	68 lm/W	1,300 lm
927920582719	TL-D 30W/827 1PP/10	0.463	0.42	Incandescent White	2700 K	82	80 lm/W	2,400 lm
927920583019	TL-D 30W/830 1PP/10	-	-	Warm White (WW)	3000 K	>80	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
927921083022	TL-D 36W/830 1PP/10	0.44	0.403	Warm White (WW)	3000 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

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Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
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

### Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption	Order Code	Full Product Name	Lamp Current (Nom)	Power Consumption
927920082719	TL-D 18W/827 1PP/10	0.360 A	18.2 W	927921084022	TL-D 36W/840 1PP/10	0.440 A	36.8 W
927920083022	TL-D 18W/830 1PP/10	0.360 A	18.2 W	927921086513	TL-D 36W/865 1PP/10	0.440 A	36.8 W
927920084022	TL-D 18W/840 1PP/10	0.360 A	18.2 W	927922082719	TL-D 58W/827 1PP/10	0.670 A	59.4 W
927920086522	TL-D 18W/865 1PP/10	0.360 A	18.2 W	927922083022	TL-D 58W/830 1PP/10	0.670 A	59.4 W
927920582719	TL-D 30W/827 1PP/10	0.360 A	30.2 W	927922084022	TL-D 58W/840 1PP/10	0.670 A	59.4 W
927920583019	TL-D 30W/830 1PP/10	0.360 A	30.0 W	927922086513	TL-D 58W/865 1PP/10	0.670 A	59.4 W
927920584019	TL-D 30W/840 1PP/10	0.360 A	30.2 W	927922282766	TL-D 15W/827 1PP/10	0.340 A	15.5 W
927921082719	TL-D 36W/827 1PP/10	0.440 A	36.8 W	927922284066	TL-D 15W/840 1PP/10	0.335 A	15.5 W
927921083022	TL-D 36W/830 1PP/10	0.440 A	36.8 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	Order Code	Full Product Name	Energy Consumption kWh/1000 h
927920082719	TL-D 18W/827 1PP/10	19 kWh	927921084022	TL-D 36W/840 1PP/10	37 kWh
927920083022	TL-D 18W/830 1PP/10	19 kWh	927921086513	TL-D 36W/865 1PP/10	37 kWh
927920084022	TL-D 18W/840 1PP/10	19 kWh	927922082719	TL-D 58W/827 1PP/10	60 kWh
927920086522	TL-D 18W/865 1PP/10	19 kWh	927922083022	TL-D 58W/830 1PP/10	60 kWh
927920582719	TL-D 30W/827 1PP/10	31 kWh	927922084022	TL-D 58W/840 1PP/10	60 kWh
927920583019	TL-D 30W/830 1PP/10	36 kWh	927922086513	TL-D 58W/865 1PP/10	60 kWh
927920584019	TL-D 30W/840 1PP/10	31 kWh	927922282766	TL-D 15W/827 1PP/10	16 kWh
927921082719	TL-D 36W/827 1PP/10	37 kWh	927922284066	TL-D 15W/840 1PP/10	16 kWh
927921083022	TL-D 36W/830 1PP/10	37 kWh	928024982766	TL-D 16W/827 1PP/10	17 kWh

