

Yellow, Red, Green and Blue fluorescent lighting

TL-D Colored

This TL-D lamp (tube diameter 26 mm) helps to create special effects and atmospheres or attract attention by using red, green, blue and yellow light. Apart from using the specific colors, it is also possible to mix the colors to create white light. This lamp offers a high light output, thanks to the use of basic powders.

Application areas include shops and showrooms, bars and restaurants, demonstration areas, sign lighting and entertainment stores.

Benefits

- Choice of attractive colors

Features

- The fluorescent powders of Red and Yellow lamps are mixed with a pigment to filter out unwanted wavelengths
- Can be used with conventional or electronic gear
- Depending on the control gear, dimming is possible

Application

- For color effects in stage lighting, shop-window lighting, festive lighting, bars, dance halls etc.

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.

TL-D Colored

Versions



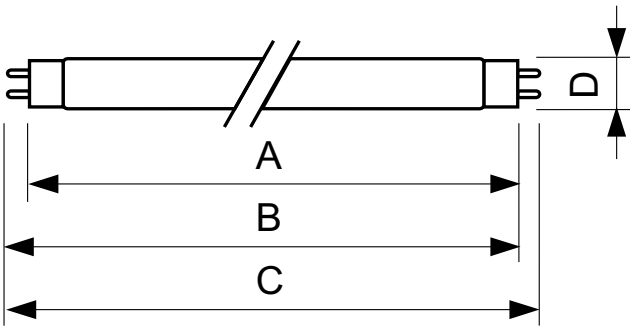
T8 G13 Red

T8 G13 Yellow

T8 G13 Green

T8 G13 Blue

Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D Colored 18W Red 1SL/25	28.0 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
TL-D Colored 18W Yellow 1SL/25	28.0 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
TL-D Colored 18W Green 1SL/25	28.0 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
TL-D Colored 18W Blue 1SL/25	28.0 mm	589.8 mm	596.9 mm	594.5 mm	604.0 mm
TL-D Colored 36W Red 1SL/25	28.0 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D Colored 36W Yellow 1SL/25	28.0 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D Colored 36W Green 1SL/25	28.0 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D Colored 36W Blue 1SL/25	28.0 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm
TL-D Colored 58W Red 1SL/25	28.0 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
TL-D Colored 58W Yellow 1SL/25	28.0 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
TL-D Colored 58W Green 1SL/25	28.0 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm
TL-D Colored 58W Blue 1SL/25	28.0 mm	1500.0 mm	1507.1 mm	1504.7 mm	1514.2 mm

TL-D Colored

Controls and Dimming	
Dimmable	Yes
General Information	
Cap-Base	G13
Life To 10% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	15000 h
Mechanical and Housing	
Bulb Shape	T8
Temperature	
Design Temperature (Nom)	25 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928048001505	TL-D Colored 18W Red 1SL/25	26 kWh	13.0 mg
928048501505	TL-D Colored 36W Red 1SL/25	51 kWh	13.0 mg
928049001505	TL-D Colored 58W Red 1SL/25	82 kWh	13.0 mg
928048001605	TL-D Colored 18W Yellow 1SL/25	23 kWh	13.0 mg
928048501605	TL-D Colored 36W Yellow 1SL/25	44 kWh	13.0 mg
928049001605	TL-D Colored 58W Yellow 1SL/25	70 kWh	13.0 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928048001705	TL-D Colored 18W Green 1SL/25	22 kWh	1.7 mg
928048501705	TL-D Colored 36W Green 1SL/25	42 kWh	1.7 mg
928049001705	TL-D Colored 58W Green 1SL/25	67 kWh	1.7 mg
928048001805	TL-D Colored 18W Blue 1SL/25	23 kWh	13.0 mg
928048501805	TL-D Colored 36W Blue 1SL/25	45 kWh	13.0 mg
928049001805	TL-D Colored 58W Blue 1SL/25	71 kWh	13.0 mg

Operating and Electrical

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated)
928048001505	TL-D Colored 18W Red 1SL/25	0.360 A	59 V	18.0 W
928048501505	TL-D Colored 36W Red 1SL/25	0.440 A	103 V	36.0 W
928049001505	TL-D Colored 58W Red 1SL/25	0.670 A	111 V	58.5 W
928048001605	TL-D Colored 18W Yellow 1SL/25	0.360 A	59 V	18.0 W
928048501605	TL-D Colored 36W Yellow 1SL/25	0.440 A	103 V	36.0 W
928049001605	TL-D Colored 58W Yellow 1SL/25	0.670 A	111 V	58.5 W

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated)
928048001705	TL-D Colored 18W Green 1SL/25	0.360 A	59 V	18.0 W
928048501705	TL-D Colored 36W Green 1SL/25	0.440 A	103 V	36.0 W
928049001705	TL-D Colored 58W Green 1SL/25	0.670 A	111 V	58.5 W
928048001805	TL-D Colored 18W Blue 1SL/25	0.360 A	59 V	18.0 W
928048501805	TL-D Colored 36W Blue 1SL/25	0.440 A	103 V	36.0 W
928049001805	TL-D Colored 58W Blue 1SL/25	0.670 A	111 V	58.5 W

General Information

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
928048001505	TL-D Colored 18W Red 1SL/25	-
928048501505	TL-D Colored 36W Red 1SL/25	-
928049001505	TL-D Colored 58W Red 1SL/25	-

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
928048001605	TL-D Colored 18W Yellow 1SL/25	-
928048501605	TL-D Colored 36W Yellow 1SL/25	-
928049001605	TL-D Colored 58W Yellow 1SL/25	-

TL-D Colored

Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)	Order Code	Full Product Name	Life To 50% Failures Preheat (Nom)
928048001705	TL-D Colored 18W Green 1SL/25	20000 h	928048001805	TL-D Colored 18W Blue 1SL/25	-
928048501705	TL-D Colored 36W Green 1SL/25	20000 h	928048501805	TL-D Colored 36W Blue 1SL/25	-
928049001705	TL-D Colored 58W Green 1SL/25	20000 h	928049001805	TL-D Colored 58W Blue 1SL/25	-

Light Technical

Order Code	Full Product Name	Color Code	Color Designation	LLMF 2000 h Rated	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
928048001505	TL-D Colored 18W Red 1SL/25	150	Red (HO)	95 %	25 lm	25 lm
928048501505	TL-D Colored 36W Red 1SL/25	150	Red (HO)	85 %	55 lm	55 lm
928049001505	TL-D Colored 58W Red 1SL/25	150	Red (HO)	98 %	75 lm	75 lm
928048001605	TL-D Colored 18W Yellow 1SL/25	160	Yellow	85 %	700 lm	700 lm
928048501605	TL-D Colored 36W Yellow 1SL/25	160	Yellow	85 %	1580 lm	1580 lm
928049001605	TL-D Colored 58W Yellow 1SL/25	160	Yellow	80 %	2250 lm	2250 lm
928048001705	TL-D Colored 18W Green 1SL/25	170	Green (G)	90 %	1800 lm	1800 lm
928048501705	TL-D Colored 36W Green 1SL/25	170	Green (G)	90 %	4300 lm	4300 lm
928049001705	TL-D Colored 58W Green 1SL/25	170	Green (G)	90 %	6750 lm	6750 lm
928048001805	TL-D Colored 18W Blue 1SL/25	180	Blue (B)	85 %	400 lm	400 lm
928048501805	TL-D Colored 36W Blue 1SL/25	180	Blue (B)	85 %	960 lm	960 lm
928049001805	TL-D Colored 58W Blue 1SL/25	180	Blue (B)	95 %	1600 lm	1600 lm

