



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

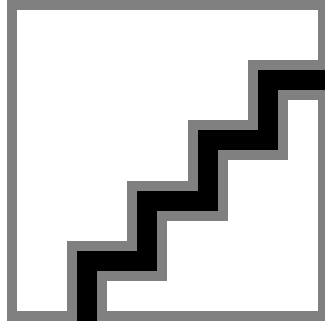
- For color effects in stage lighting, shop-window lighting, festive lighting, bars, dance halls etc.

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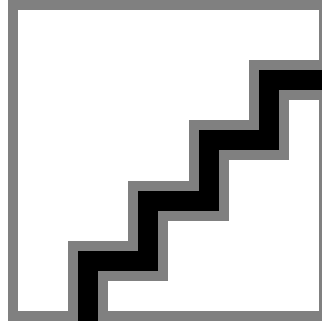
Versions



T8 G13 Red



T8 G13 Yellow

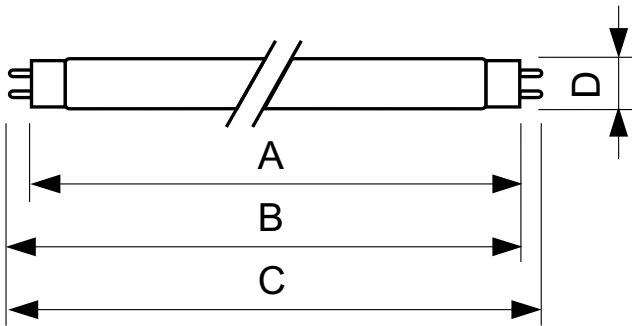


T8 G13 Green



T8 G13 Blue

Dimensional drawing



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

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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 kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
72684140	TL-D Colored 18W Red 1SL/25	26 kWh	E	13.0 mg
72748040	TL-D Colored 36W Red 1SL/25	51 kWh	E	13.0 mg
95445940	TL-D Colored 58W Red 1SL/25	82 kWh	E	13.0 mg
72687240	TL-D Colored 18W Yellow 1SL/25	23 kWh	B	13.0 mg
72751040	TL-D Colored 36W Yellow 1SL/25	44 kWh	B	13.0 mg
95447340	TL-D Colored 58W Yellow 1SL/25	70 kWh	B	13.0 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
64298140	TL-D Colored 18W Green 1SL/25	22 kWh	A+	1.7 mg
64300140	TL-D Colored 36W Green 1SL/25	42 kWh	A+	1.7 mg
95449740	TL-D Colored 58W Green 1SL/25	67 kWh	A+	1.7 mg
72690240	TL-D Colored 18W Blue 1SL/25	23 kWh	C	13.0 mg
72754140	TL-D Colored 36W Blue 1SL/25	45 kWh	C	13.0 mg
95451040	TL-D Colored 58W Blue 1SL/25	71 kWh	C	13.0 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
72684140	TL-D Colored 18W Red 1SL/25	0.360 A	59 V	18.0 W
72748040	TL-D Colored 36W Red 1SL/25	0.440 A	103 V	36.0 W
95445940	TL-D Colored 58W Red 1SL/25	0.670 A	111 V	58.5 W
72687240	TL-D Colored 18W Yellow 1SL/25	0.360 A	59 V	18.0 W
72751040	TL-D Colored 36W Yellow 1SL/25	0.440 A	103 V	36.0 W
95447340	TL-D Colored 58W Yellow 1SL/25	0.670 A	111 V	58.5 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
64298140	TL-D Colored 18W Green 1SL/25	0.360 A	59 V	18.0 W
64300140	TL-D Colored 36W Green 1SL/25	0.440 A	103 V	36.0 W
95449740	TL-D Colored 58W Green 1SL/25	0.670 A	111 V	58.5 W
72690240	TL-D Colored 18W Blue 1SL/25	0.360 A	59 V	18.0 W
72754140	TL-D Colored 36W Blue 1SL/25	0.440 A	103 V	36.0 W
95451040	TL-D Colored 58W Blue 1SL/25	0.670 A	111 V	58.5 W

General Information

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)
72684140	TL-D Colored 18W Red 1SL/25	-	64298140	TL-D Colored 18W Green 1SL/25	20000 h
72748040	TL-D Colored 36W Red 1SL/25	-	64300140	TL-D Colored 36W Green 1SL/25	20000 h
95445940	TL-D Colored 58W Red 1SL/25	-	95449740	TL-D Colored 58W Green 1SL/25	20000 h
72687240	TL-D Colored 18W Yellow 1SL/25	-	72690240	TL-D Colored 18W Blue 1SL/25	-
72751040	TL-D Colored 36W Yellow 1SL/25	-	72754140	TL-D Colored 36W Blue 1SL/25	-
95447340	TL-D Colored 58W Yellow 1SL/25	-	95451040	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)
72684140	TL-D Colored 18W Red 1SL/25	150	Red (HO)	95 %	25 lm	25 lm
72748040	TL-D Colored 36W Red 1SL/25	150	Red (HO)	85 %	55 lm	55 lm
95445940	TL-D Colored 58W Red 1SL/25	150	Red (HO)	98 %	75 lm	75 lm
72687240	TL-D Colored 18W Yellow 1SL/25	160	Yellow	85 %	700 lm	700 lm
72751040	TL-D Colored 36W Yellow 1SL/25	160	Yellow	85 %	1580 lm	1580 lm
95447340	TL-D Colored 58W Yellow 1SL/25	160	Yellow	80 %	2250 lm	2250 lm
64298140	TL-D Colored 18W Green 1SL/25	170	Green (G)	90 %	1800 lm	1800 lm
64300140	TL-D Colored 36W Green 1SL/25	170	Green (G)	90 %	4300 lm	4300 lm
95449740	TL-D Colored 58W Green 1SL/25	170	Green (G)	90 %	6750 lm	6750 lm
72690240	TL-D Colored 18W Blue 1SL/25	180	Blue (B)	85 %	400 lm	400 lm
72754140	TL-D Colored 36W Blue 1SL/25	180	Blue (B)	85 %	960 lm	960 lm
95451040	TL-D Colored 58W Blue 1SL/25	180	Blue (B)	95 %	1600 lm	1600 lm

