



Efficient fluorescent lighting with improved color rendering

TL-D LIFEMAX Super 80 JIS

The TL-D LIFEMAX Super 80 lamp offers more lumens per watt and better color rendering than TL-D standard colors. Furthermore, it has a lower mercury content. The lamp can be operated in existing TL-D luminaires. The lamp is complying with Japanese Industrial Standard.

Benefits

- Good color rendering
- Relatively high efficacy, both initially and during lamp lifetime, with high lumen maintenance
- Create atmospheres from warm white to cool daylight

Features

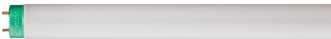
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- Low mercury dose
- Can be used with conventional or electronic gear
- Higher efficacy is achieved with electronic gear

Application

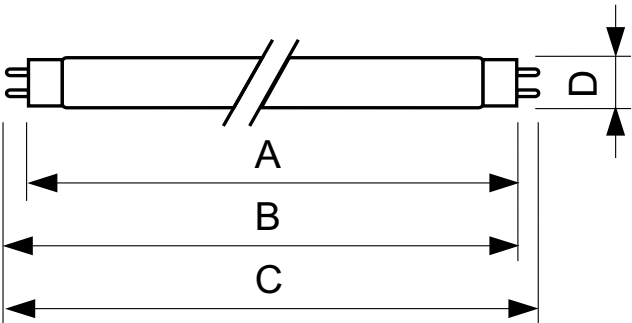
- Suitable for use in a wide range of luminaires for TL-D fluorescent lamps for 'human' applications such as schools, offices, shops, factory halls etc

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Versions



Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/840 JIS 1SL/25	28 mm	581.3 mm	588.4 mm	585.8 mm	595.5 mm
TL-D 18W/830 JIS 1SL/25	28 mm	581.3 mm	588.4 mm	585.8 mm	595.5 mm
TL-D 18W/865 JIS 1SL/25	28 mm	581.3 mm	588.4 mm	585.8 mm	595.5 mm

Approval and Application	
Mercury (Hg) Content (Nom)	2.0 mg
Controls and Dimming	
Dimmable	no
Operating and Electrical	
Lamp Current (Nom)	0.35 A
Voltage (Nom)	65 V
General Information	
Cap-Base	G13
Life To 50% Failures Preheat (Nom)	20000 h
Life To 10% Failures (Nom)	10000 h
Life To 50% Failures (Nom)	13000 h
Light Technical	
Lumen Maintenance 2000 h (Nom)	96 %
Lumen Maintenance 5000 h (Nom)	94 %
Mechanical and Housing	
Bulb Shape	T8

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
927919983033	TL-D 18W/830 JIS 1SL/25	18 W
927919984033	TL-D 18W/840 JIS 1SL/25	19 W
927919986533	TL-D 18W/865 JIS 1SL/25	19 W

Light Technical (1/2)

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Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927919983033	TL-D 18W/830 JIS 1SL/25	444	410	830	Warm white (WW)
927919984033	TL-D 18W/840 JIS 1SL/25	383	386	840	Cool White (CW)

Order Code	Full Product Name	Chromaticity	Chromaticity	Colour	Colour
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
927919986533	TL-D 18W/865 JIS 1SL/25	313	338	865	Cool Daylight

Light Technical (2/2)

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)	Efficacy (rated) (Nom)	Flux (Nom)
927919983033	TL-D 18W/830 JIS 1SL/25	3000 K	82	80.5 lm/W	1450 lm
927919984033	TL-D 18W/840 JIS 1SL/25	4000 K	82	80.5 lm/W	1450 lm

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
		Temperature (Nom)	Rendering Index (Nom)	Efficacy (rated) (Nom)	Flux (Nom)
927919986533	TL-D 18W/865 JIS 1SL/25	6500 K	80	75 lm/W	1350 lm

