



Efficient fluorescent lighting with improved color rendering

TL-D LIFEMAX Super 80

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.

Benefits

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

Features

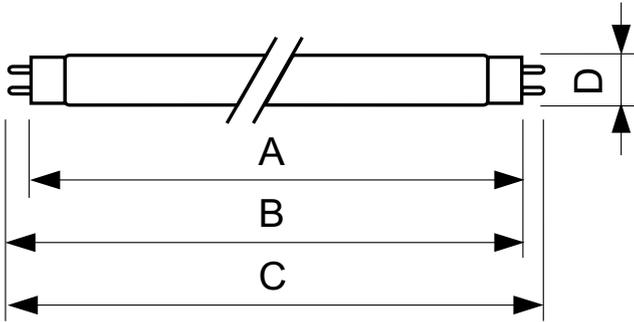
- Highly efficient 3-band fluorescent coating
- Highly efficient 3-band fluorescent coating
- High initial light output compared with standard colors
- High initial light output compared with standard colors
- Low mercury dose
- Low mercury dose
- Can be used with conventional or electronic gear
- Can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

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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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Dimensional drawing



Product	D (max)	A (max)	B (max)	B (min)	C (max)
TL-D 18W/840 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 18W/865 1SL/25	28 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
TL-D 30W/865 1SL/25	28 mm	894.6 mm	901.7 mm	899.3 mm	908.8 mm
TL-D 36W/830 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/840 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/865 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm
TL-D 36W/865 1SL/25	28 mm	1,199.4 mm	1,206.5 mm	1,204.1 mm	1,213.6 mm

General Information

Cap-Base G13

Controls and Dimming

Dimmable Yes

Mechanical and Housing

Bulb Shape T8

General Information

Order Code	Full Product Name	Nominal lifetime
927980284036	TL-D 18W/840 1SL/25	15,000 hour(s)
927980286536	TL-D 18W/865 1SL/25	15,000 hour(s)
927981286536	TL-D 30W/865 1SL/25	15,000 hour(s)
927982283036	TL-D 36W/830 1SL/25	15,000 hour(s)

Order Code	Full Product Name	Nominal lifetime
927982284036	TL-D 36W/840 1SL/25	15,000 hour(s)
927982286536	TL-D 36W/865 1SL/25	15,000 hour(s)
927984386585	TL-D 36W/865 1SL/25	-

Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927980284036	TL-D 18W/840 1SL/25	Cool White (CW)	4000 K	82	75 lm/W
927980286536	TL-D 18W/865 1SL/25	Cool Daylight	6500 K	80	71 lm/W

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927981286536	TL-D 30W/865 1SL/25	Cool Daylight	6500 K	80	77 lm/W
927982283036	TL-D 36W/830 1SL/25	Warm White (WW)	3000 K	83	90 lm/W

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Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927982284036	TL-D 36W/840 1SL/25	Cool White (CW)	4000 K	82	90 lm/W
927982286536	TL-D 36W/865 1SL/25	Cool Daylight	6500 K	80	85 lm/W

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)
927984386585	TL-D 36W/865 1SL/25	Cool Daylight	6500 K	80	85 lm/W

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927980284036	TL-D 18W/840 1SL/25	0.360 A	59 V	18 W
927980286536	TL-D 18W/865 1SL/25	0.360 A	59 V	18 W
927981286536	TL-D 30W/865 1SL/25	0.360 A	98 V	30 W
927982283036	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power Consumption
927982284036	TL-D 36W/840 1SL/25	0.440 A	103 V	36 W
927982286536	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W
927984386585	TL-D 36W/865 1SL/25	0.440 A	103 V	36 W

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927980284036	TL-D 18W/840 1SL/25	2.0 mg
927980286536	TL-D 18W/865 1SL/25	2.0 mg
927981286536	TL-D 30W/865 1SL/25	2.0 mg
927982283036	TL-D 36W/830 1SL/25	2.0 mg

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927982284036	TL-D 36W/840 1SL/25	2.0 mg
927982286536	TL-D 36W/865 1SL/25	2.0 mg
927984386585	TL-D 36W/865 1SL/25	2 mg

