PHILIPS

Lighting

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
- 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

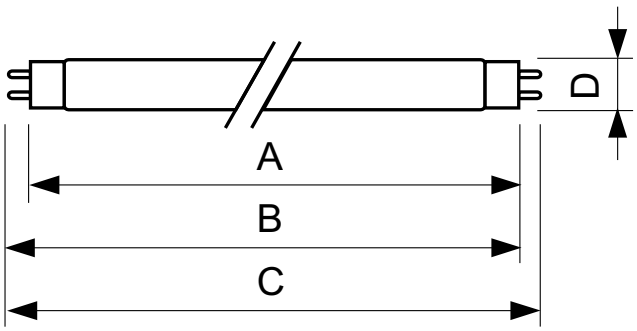
Application

- 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.

TL-D LIFEMAX Super 80

Versions

Dimensional drawing



Product
TL-D 36W/840 1SL/25
TL-D 36W/827 1SL/25
TL-D 18W/840 1SL/25
TL-D 58W/865 1SL/25
TL-D 36W/865 1SL/25
TL-D 18W/865 1SL/25
TL-D 18W/830 1SL/25
TL-D 36W/830 1SL/25

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	2.0 mg
Controls and Dimming	
Dimmable	Yes
General Information	
Cap-Base	G13
Life To 50% Failures Preheat (Nom)	20000 h
Life To 10% Failures (Nom)	10000 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	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
927980283036	TL-D 18W/830 1SL/25	0.360 A	59 V	18 W
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
927982282736	TL-D 36W/827 1SL/25	0.440 A	103 V	36 W
927982283036	TL-D 36W/830 1SL/25	0.440 A	103 V	36 W
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
927983286536	TL-D 58W/865 1SL/25	0.670 A	111 V	58.5 W

General Information

Order Code	Full Product Name	Life To 50% Failures (Nom)
927980283036	TL-D 18W/830 1SL/25	13000 h
927980284036	TL-D 18W/840 1SL/25	13000 h

Order Code	Full Product Name	Life To 50% Failures (Nom)
927980286536	TL-D 18W/865 1SL/25	13000 h
927982282736	TL-D 36W/827 1SL/25	15000 h

TL-D LIFEMAX Super 80

Order Code	Full Product Name	Life To 50% Failures (Nom)
927982283036	TL-D 36W/830 1SL/25	15000 h
927982284036	TL-D 36W/840 1SL/25	15000 h

Order Code	Full Product Name	Life To 50% Failures (Nom)
927982286536	TL-D 36W/865 1SL/25	15000 h
927983286536	TL-D 58W/865 1SL/25	15000 h

Light Technical (1/2)

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)
927980283036	TL-D 18W/830 1SL/25	830	Warm white (WW)	3000 K	83
927980284036	TL-D 18W/840 1SL/25	840	Cool White (CW)	4000 K	82
927980286536	TL-D 18W/865 1SL/25	865	Cool Daylight	6500 K	80
927982282736	TL-D 36W/827 1SL/25	827	Incandescent White	2700 K	82

Order Code	Full Product Name	Colour Code	Colour Designation	Correlated Colour Temperature (Nom)	Colour Rendering Index (Nom)
927982283036	TL-D 36W/830 1SL/25	830	Warm white (WW)	3000 K	83
927982284036	TL-D 36W/840 1SL/25	840	Cool White (CW)	4000 K	82
927982286536	TL-D 36W/865 1SL/25	865	Cool Daylight	6500 K	80
927983286536	TL-D 58W/865 1SL/25	865	Cool Daylight	6500 K	80

Light Technical (2/2)

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927980283036	TL-D 18W/830 1SL/25	75 lm/W	1350 lm
927980284036	TL-D 18W/840 1SL/25	75 lm/W	1350 lm
927980286536	TL-D 18W/865 1SL/25	71 lm/W	1275 lm
927982282736	TL-D 36W/827 1SL/25	90 lm/W	3250 lm

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
927982283036	TL-D 36W/830 1SL/25	90 lm/W	3250 lm
927982284036	TL-D 36W/840 1SL/25	90 lm/W	3250 lm
927982286536	TL-D 36W/865 1SL/25	85 lm/W	3070 lm
927983286536	TL-D 58W/865 1SL/25	82 lm/W	4800 lm