

# TL-D

## TL-D Lifemax Super 80



TL-D G13 T8

### Product Description

- Low-pressure mercury discharge lamps with a tubular 26 mm envelope

### Product Feature

- Highly efficient 3-band fluorescent coating in combination with New Generation precoating technology
- High initial lumen output
- Available in varying color designations
- Low mercury dose (3 mg)
- MASTER TL-D lamps are fully recyclable
- End-cap has green bottom plate to identify lamp as recyclable and sustainable product

### Product Benefit

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

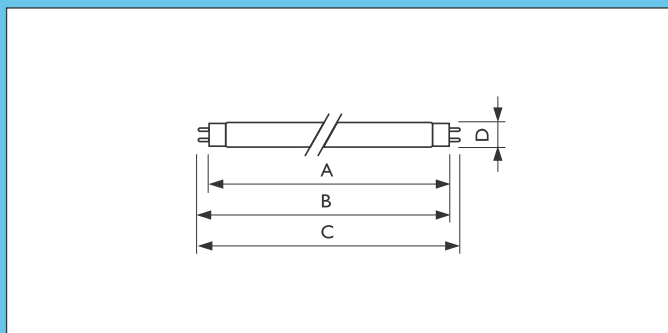
### Application

- 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.

### System

- Can be used with conventional or HF electronic gear
- Higher efficacy is achieved with HF electronic gear

Dimensions in mm



Product ID	Overall length			Diameter
	A max.	B max.	C max.	D max.
18W	549.0	556.1	604	28
30W	849.0	856.1	908.8	28
36W	1149.0	1156.1	1213.6	28
58W	1149.0	1156.1	1514.2	28

## Preferred selection

Product ID	Rated Lamp Wattage [W]	Lamp Voltage [V]	Lamp Current EM/CuFe [A]	Cap Base	Color Temperature [K]	Color Designation	Color Rendering Index [Ra]
TL-D 18W/827 SLV	18	59	0.36	G13	2700	Incandescent White	82
TL-D 18W/830 SLV	18	59	0.36	G13	3000	Warm White	83
TL-D 18W/840 SLV	18	59	0.36	G13	4000	Cool White	82
TL-D 18W/850 SLV	18	59	0.36	G13	5000	Daylight	80
TL-D 18W/865 SLV	18	59	0.36	G13	6500	Cool Daylight	80
TL-D 30W/827 SLV	30	98	0.36	G13	2700	Incandescent White	82
TL-D 30W/830 SLV	30	98	0.36	G13	3000	Warm White	83
TL-D 30W/840 SLV	30	98	0.36	G13	4000	Cool White	82
TL-D 30W/865 SLV	30	98	0.36	G13	6500	Cool Daylight	80
TL-D 36W/827 SLV	36	103	0.36	G13	2700	Incandescent White	82
TL-D 36W/830 SLV	36	103	0.36	G13	3000	Warm White	83
TL-D 36W/840 SLV	36	103	0.36	G13	4000	Cool White	82
TL-D 36W/850 SLV	36	103	0.36	G13	5000	Daylight	80
TL-D 36W/865 SLV	36	103	0.36	G13	6500	Cool Daylight	80
TL-D 36W/865 SLV	36	103	0.36	G13	6500	Cool Daylight	80
TL-D 58W/830 SLV	58	111	0.67	G13	3000	Warm White	83
TL-D 58W/840 SLV	58	111	0.67	G13	4000	Cool White	85
TL-D 58W/865 SLV	58	111	0.67	G13	6500	Cool Daylight	80

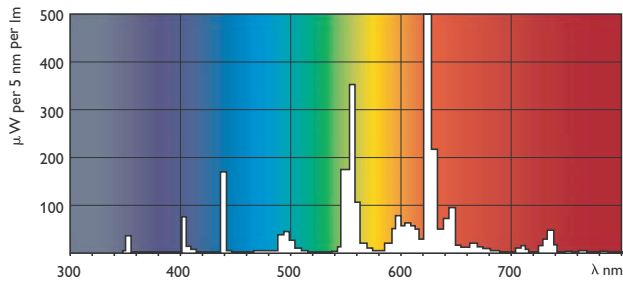
TL-D

TL-D Lifemax Super 80

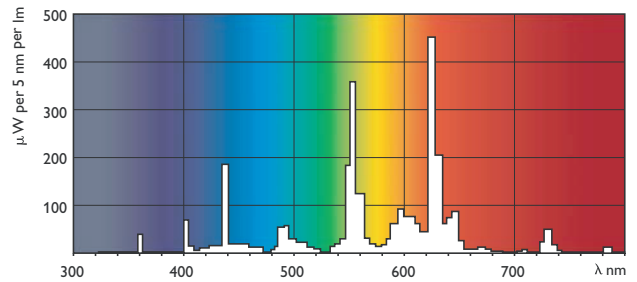
Product ID	Chromaticity Coordinate X	Chromaticity Coordinate Y	Life to 50% Failures EM [hrs]	Luminous Flux Lamp EM/CuFe [lm]	Nett Product in Grams [gr]
TL-D 18W/827 SLV	468	417	13000	1350	82.9
TL-D 18W/830 SLV	439	404	13000	1350	82.9
TL-D 18W/840 SLV	382	380	13000	1350	82.9
TL-D 18W/850 SLV	349	361	13000	1310	82.9
TL-D 18W/865 SLV	318	337	13000	1275	82.9
TL-D 30W/827 SLV	463	420	13000	2400	132.7
TL-D 30W/830 SLV	441	407	13000	2400	132.7
TL-D 30W/840 SLV	384	383	13000	2400	132.7
TL-D 30W/865 SLV	319	338	13000	2300	132.7
TL-D 36W/827 SLV	466	417	15000	3250	127.7
TL-D 36W/830 SLV	438	403	15000	3250	127.7
TL-D 36W/840 SLV	381	379	15000	3250	127.7
TL-D 36W/850 SLV	346	359	15000	3170	127.7
TL-D 36W/865 SLV	316	336	15000	3070	127.7
TL-D 58W/830 SLV	435	404	15000	5150	232.1
TL-D 58W/840 SLV	380	381	15000	5200	232.1
TL-D 58W/865 SLV	317	339	15000	4800	232.1

Spectral power distribution

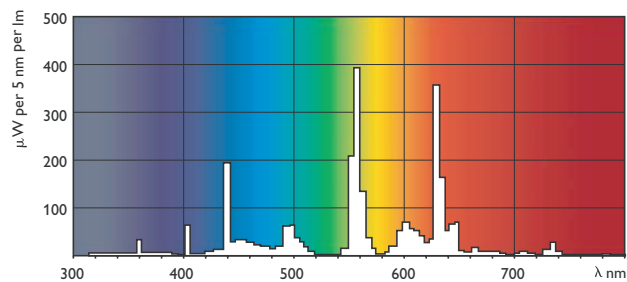
TL-D /827



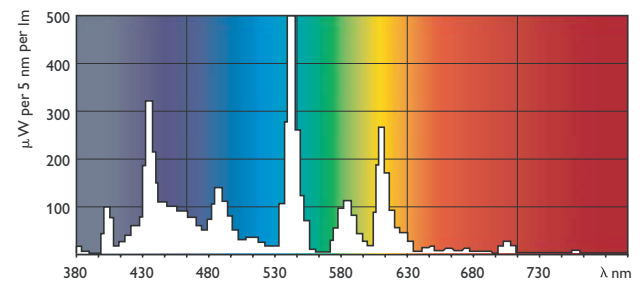
TL-D /830



TL-D /840



TL-D /865



Lumen maintenance diagram

