



T8 LED tubes replacement for T8 Fluorescent



LUCE

LED tube basic offers a truly flexible solution for T8 fluorescent lamp replacement with added benefits. This new light source emits natural light colors and consumes 22W system energy. Compared to a 36W T8 fluorescent lamp with magnetic ballast, there is potentially more than 50% energy savings. The product long lifetime and good lumen maintenance also minimize the hassle of maintenance

Generally, LED T8 can be used in applications such as warehouse, offices, car parks, residential spaces, corridors etc.

Technical Data

Product	Color	Color temp.(K.)	CRI	Lum. Flux	Voltage (V.) Frequency (Hz)	Power	Angle(°)
T8 220/20 RR 2L	Daylight	6500	≥80	1800	220V± 50Hz	20	120
T8 220/20 RR 2L	Warmwhite	3000	≥80	1650	220V± 50Hz	20	120
T8 220/22 RR 2L	Daylight	6500	≥80	2200	220V± 50Hz	22	120
T8 220/22 RR 2L	Warmwhite	3000	≥80	2000	220V± 50Hz	22	120

All data listed above are related to the general lamp specifications. Due the special conditions of the manufacturing processes for LED the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data

Technical Features

- > Linear LED lamp in T8 shape with G13 socket
- > Length: 1.212m. ; Weight : <400g
- > Suitable for operation with magnetic ballast
- > Direct retrofit for luminaires; replacement of lamp and include starter
- > No rewiring in necessary
- > Polycarbonate cover
- > Mounting : G13
- > TIS. 1955-2551
- > Power Factor > 0.9
- > Up to 50,000 hours lifetime
- > RoHS-conformity, no mercury
- > No UV
- > Complete electronic driver inside
- > Ambient temperature Ta -10° 45°C
- > Short circuit protection
- > Total Harmonic Current Distortion: THDi : <15%

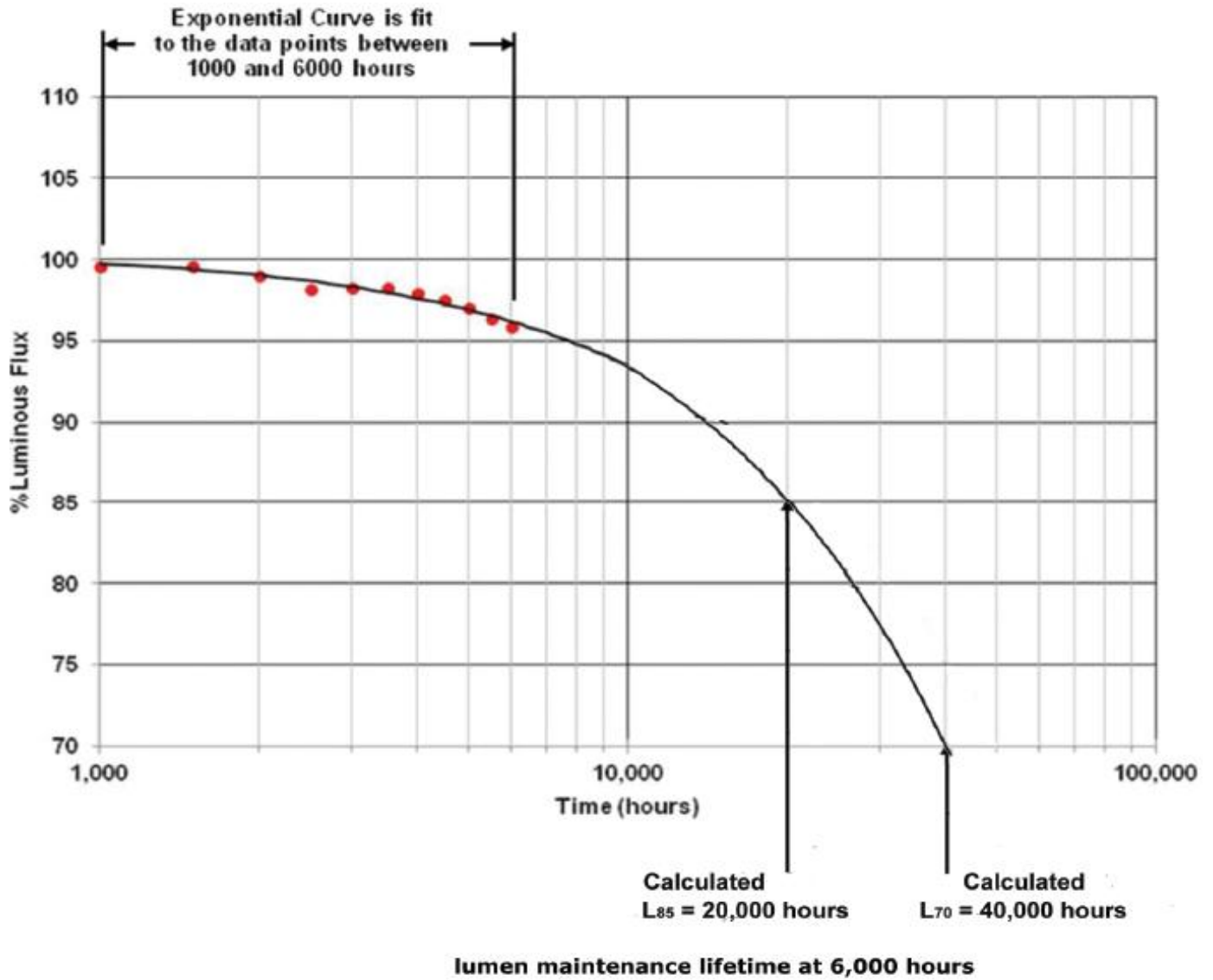
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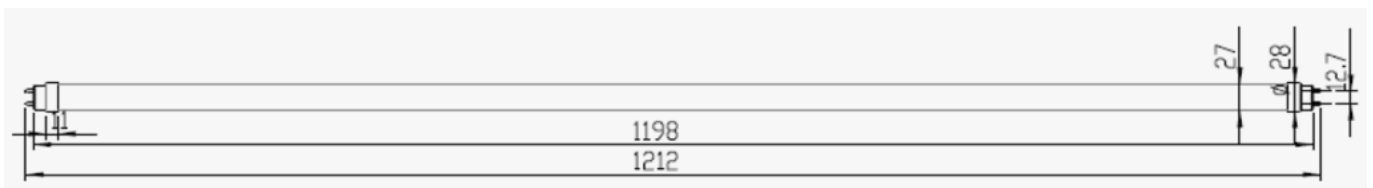


Long Term lumen maintenance



As LM-80 testing continues, more data is obtained. When 6,000 to 10,000 hours of testing has been completed, the exponential curve fit is made to the last 5,000 hours of average points rather than all the points. This is done because the rate of lumen depreciation of LEDs frequently slows as testing progresses, which can result in higher projected L_p

Drawing



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