

# T8

## 15.5T8/MAS/48-840/IF25/P/DIM 25/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

### Product data

General Information	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Light Technical	
Color Code	840 [ CCT of 4000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	2500 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	15.5 W

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V
Temperature	
T-Ambient (Max)	55 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	50 °C
Controls and Dimming	
Dimmable	Yes

# T8

## Mechanical and Housing

Product Length 1200 mm

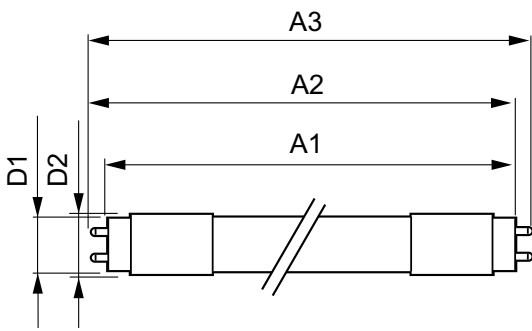
## Approval and Application

Energy Efficiency Label (EEL) Not applicable  
 Energy Saving Product Yes  
 Approval Marks RoHS compliance UL certificate DLC compliance  
 Energy Consumption kWh/1000 h - kWh

## Product Data

Order product name 15.5T8/MAS/48-840/IF25/P/DIM 25/1  
 EAN/UPC - Product 046677545192  
 Order code 929002016404  
 Numerator - Quantity Per Pack 1  
 Numerator - Packs per outer box 25  
 Material Nr. (12NC) 929002016404  
 Net Weight (Piece) 0.230 kg

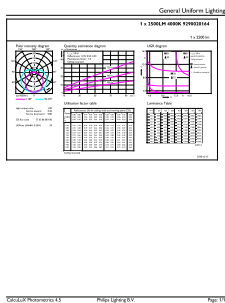
## Dimensional drawing



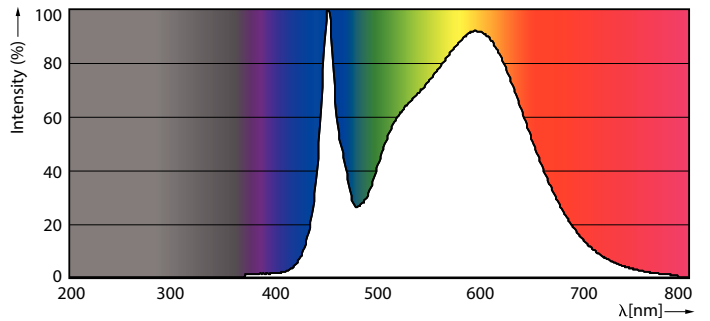
TLED 1200mmT8 120-277 15.5W 2500lm 4000K

Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-840/ IF25/P/DIM 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data



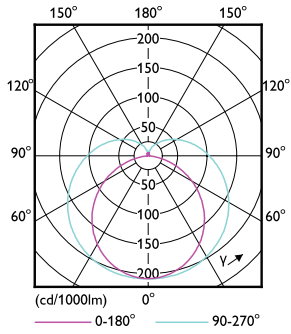
LEDtube 15,5W G13 T8 840



LEDtube 15,5W G13 T8 840

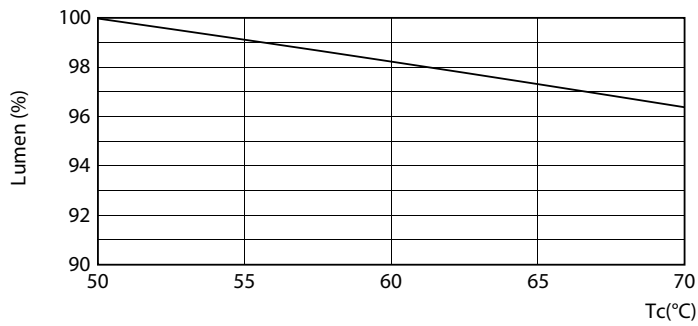
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## Photometric data

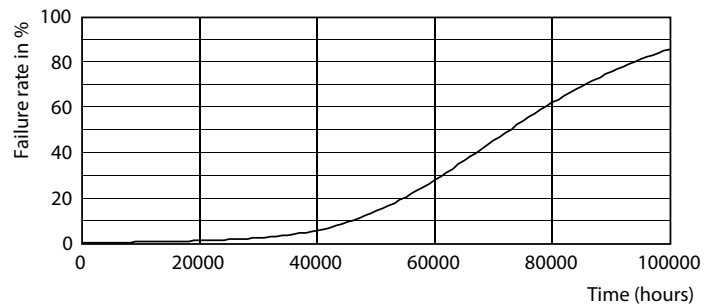


LEDtube 15,5W G13 T8

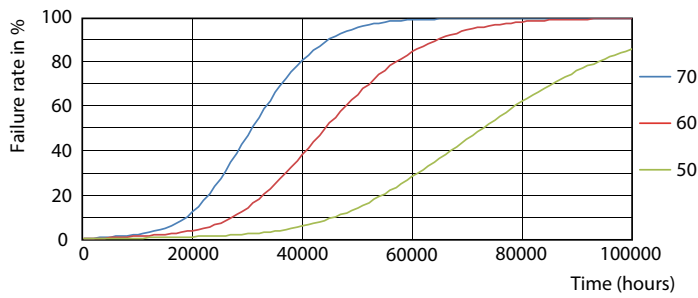
## Lifetime



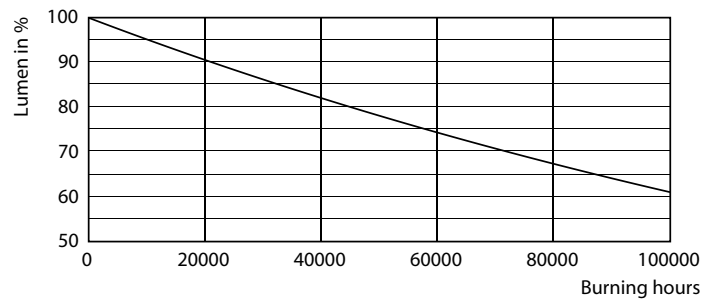
LEDtube 15,5W G13 T8 LumenVsTc



LEDtube 15,5W G13 T8



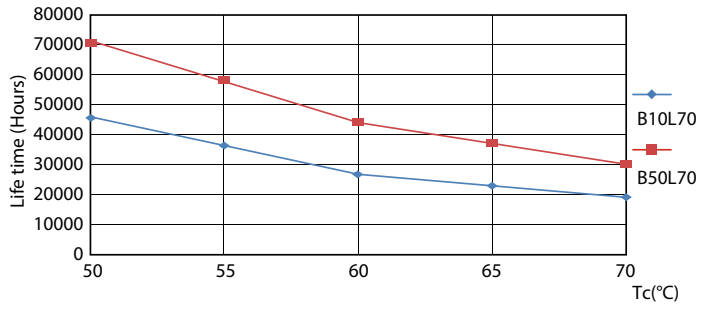
LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8

# T8

## Lifetime



LEDtube 15,5W G13 T8 LifetimeVsTc

