

# 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		Starting Time (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		0.5 s
EU RoHS compliant	Yes	Warm Up Time to 60% Light (Nom)	0.5 s
Nominal Lifetime (Nom)	70000 h	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
Switching Cycle	50000X	Power Factor (Nom)	0.9
		Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	840 [ CCT of 4000K]	T-Ambient (Max)	55 °C
Beam Angle (Nom)	180 °	T-Ambient (Min)	-20 °C
Luminous Flux (Nom)	2500 lm	T-Storage (Max)	65 °C
Color Designation	Cool White (CW)	T-Storage (Min)	-40 °C
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	50 °C
Luminous Efficacy (rated) (Nom)	161.00 lm/W		
Color Consistency	<6	Controls and Dimming	
Color Rendering Index (Nom)	80	Dimmable	Yes
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Power (Nom)	15.5 W		

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## Mechanical and Housing

Product Length 1200 mm

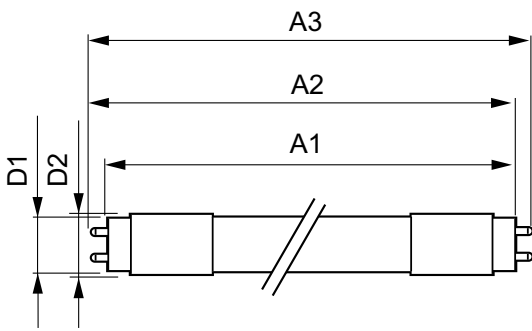
## Approval and Application

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

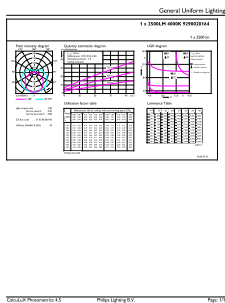
## Dimensional drawing



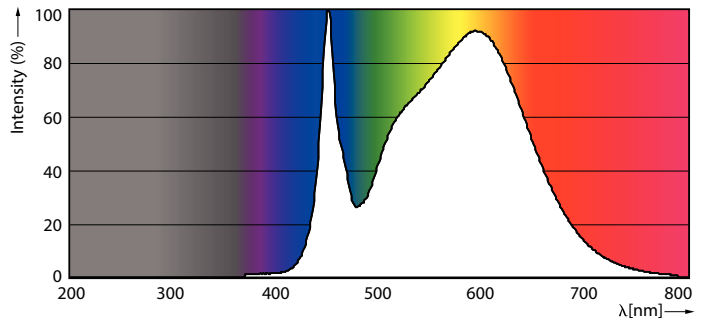
TLED 1200mmT8 120-277 15.5W 2500lm 4000K

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

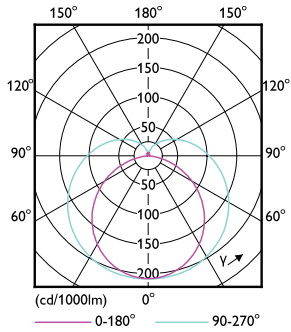


LEDtube 15,5W G13 T8 840



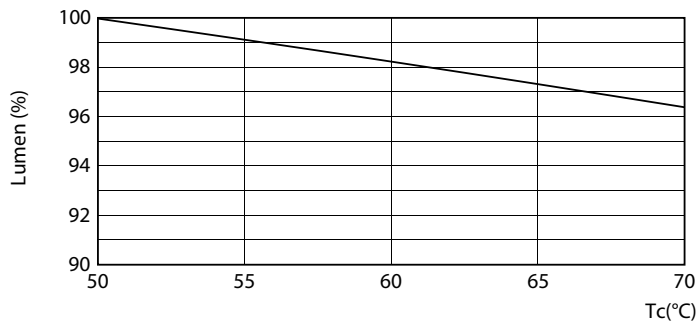
LEDtube 15,5W G13 T8 840

Photometric data

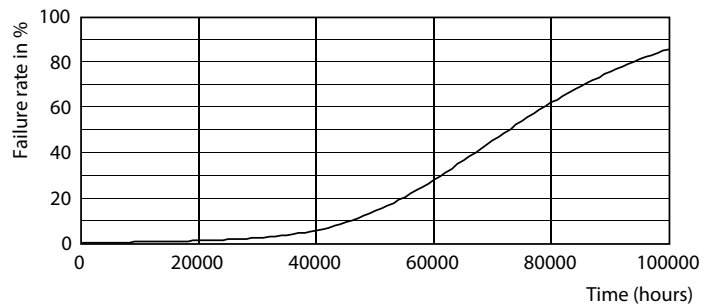


LEDtube 15,5W G13 T8

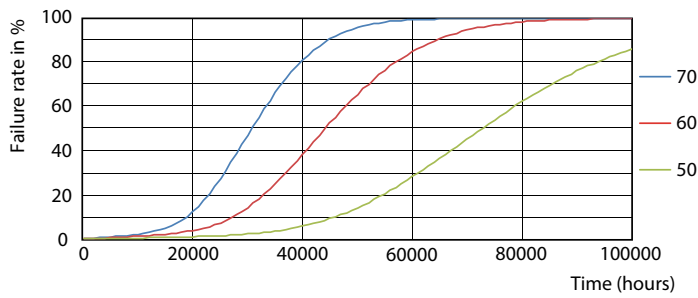
Lifetime



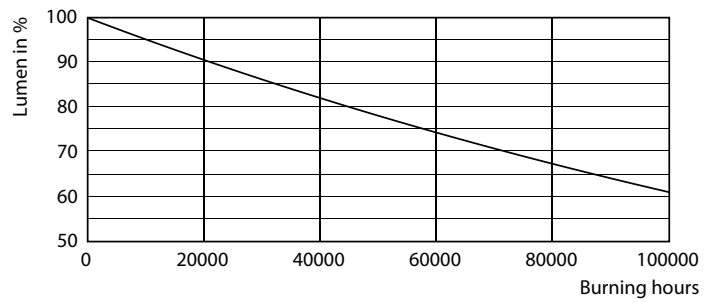
LEDtube 15,5W G13 T8 LumenVsTc



LEDtube 15,5W G13 T8



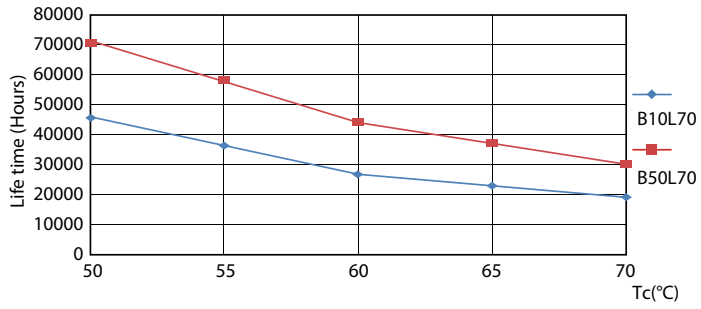
LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8

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## Lifetime



LEDtube 15,5W G13 T8 LifetimeVsTc

