

# 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	
Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	70000 h
Switching Cycle	50000X
Light technical	
Color Code	841 [ CCT of 4100K (841)]
Beam Angle (Nom)	180 °
Initial lumen (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 (Rated) (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
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
Mechanical and housing	
Bulb Material	Plastic
Product Length	48 in

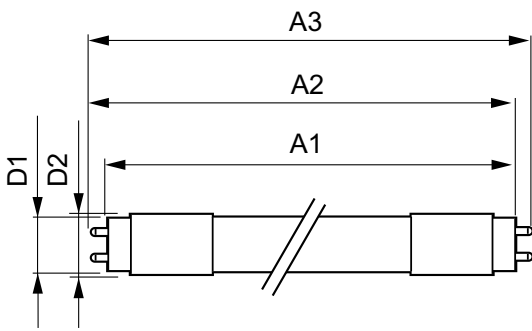
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<b>Bulb Shape</b>	Tube, double-ended
<b>Approval and application</b>	
<b>Energy Saving Product</b>	Yes
<b>Approbation Marks</b>	RoHS compliance UL certificate DLC compliance
<b>Energy Consumption kWh/1000 h</b>	- kWh

<b>Product data</b>	
<b>Order product name</b>	15.5T8/MAS/48-840/IF25/P/DIM 25/1

<b>EAN/UPC - Product</b>	046677545192
<b>Order code</b>	545194
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	25
<b>Material Nr. (12NC)</b>	929002016404
<b>Net Weight (Piece)</b>	0.230 kg
<b>Model Number</b>	9290020164

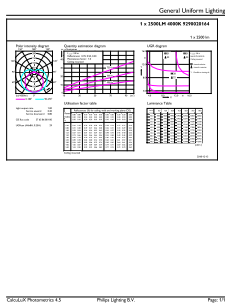
## Dimensional drawing



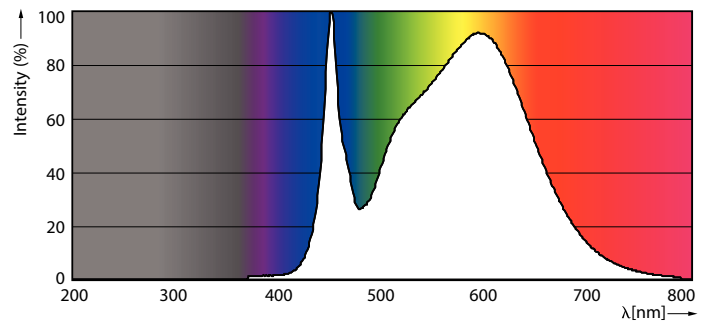
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Product	D1	D2	A1	A2	A3
15.5T8/MAS/48-840/ IF25/P/DIM 25/1	25.7 mm	28 mm	1198.1 mm	1205.2 mm	1212.3 mm

## Photometric data



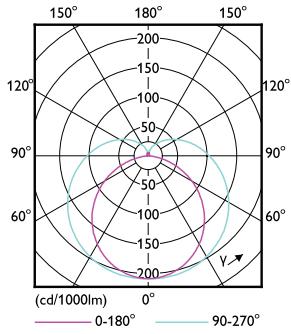
LEDtube 15,5W G13 T8 840



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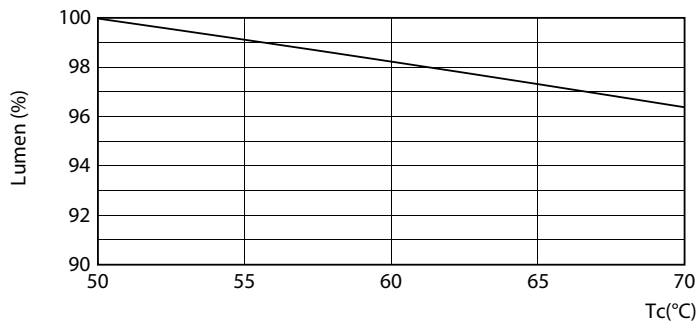
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## Photometric data

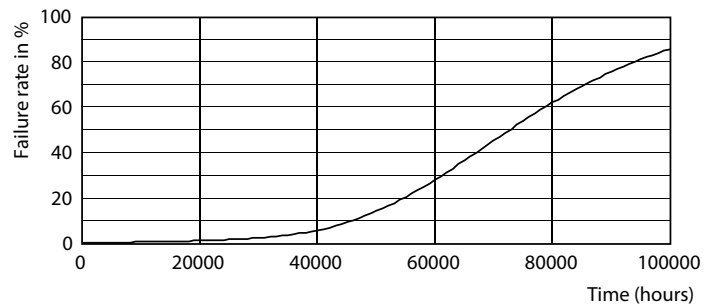


LEDtube 15,5W G13 T8

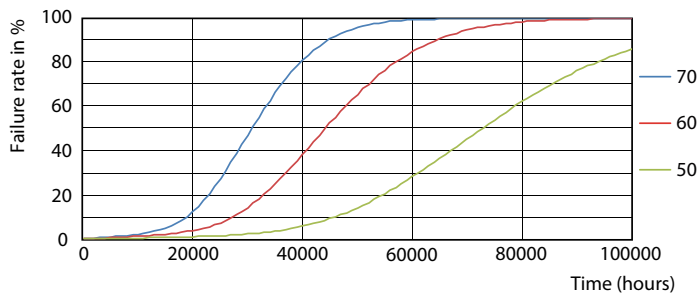
## Lifetime



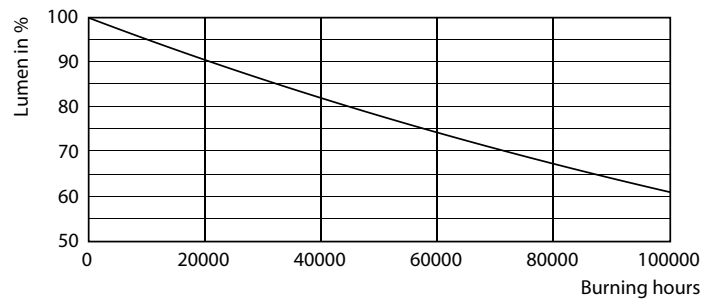
LEDtube 15,5W G13 T8 LumenVsTc



LEDtube 15,5W G13 T8



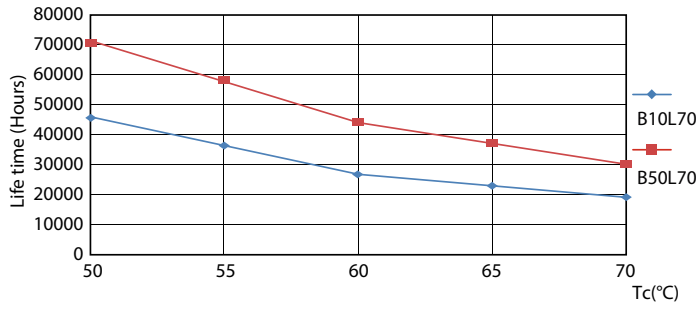
LEDtube 15,5W G13 T8 FailureRate



LEDtube 15,5W G13 T8

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## Lifetime



LEDtube 15,5W G13 T8 LifetimeVsTc

