

# T8

## 16T8/LED/48-840/IF18/G 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		Power (Rated) (Nom)	
Base	G13 [ Medium Bi-Pin Fluorescent]		16 W
EU RoHS compliant	Yes	Lamp Current (Max)	330 mA
Nominal Lifetime (Nom)	36000 h	Lamp Current (Min)	110 mA
Switching Cycle	50000	Wattage Equivalent	32 W
Tier	CorePro	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, 347 V
Light technical		Temperature	
Color Code	841 [ CCT of 4100K (841)]	T-Ambient (Max)	113 °F
Beam Angle (Nom)	240 °	T-Ambient (Min)	-4 °F
Initial lumen (Nom)	1800 lm	T-Storage (Max)	149 °F
Color Designation	Cool White (CW)	T-Storage (Min)	-40 °F
Correlated Color Temperature (Nom)	4000 K	T-Case Maximum (Nom)	95 °F
Luminous Efficacy (rated) (Nom)	112.00 lm/W		
Color Consistency	<6	Controls and dimming	
Color Rendering Index (Nom)	80	Dimmable	No
LLMF At End Of Nominal Lifetime (Nom)	70 %		
Operating and electrical			
Input Frequency	20K to 120K Hz		

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## Mechanical and housing

Bulb Finish	Frosted
Bulb Material	Glass
Product Length	47-1/4 in
Bulb Shape	Tube, double-ended

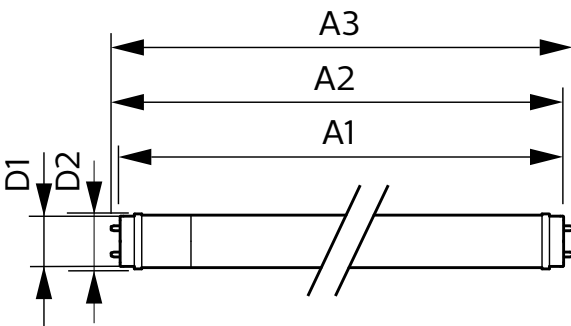
## Approval and application

Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

## Product data

Order product name	16T8/LED/48-840/IF18/G 25/1
EAN/UPC - Product	046677542085
Order code	542084
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	25
Material Nr. (12NC)	929001960604
Net Weight (Piece)	0.474 lb
Model Number	9290019606

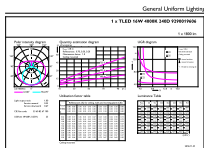
## Dimensional drawing



16T8/LED/48-840/IF18/G 25/1

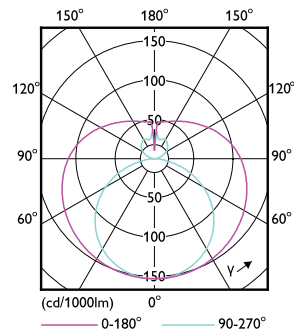
Product	D1	D2	A1	A2	A3
16T8/LED/48-840/IF18/G 25/1	1-1/16 in	1-1/8 in	47-3/16 in	47-1/2 in	47-3/4 in

## Photometric data



General Uniform Lighting  
1 x T8 LED 48-840/IF18/G 25/1  
Page 11

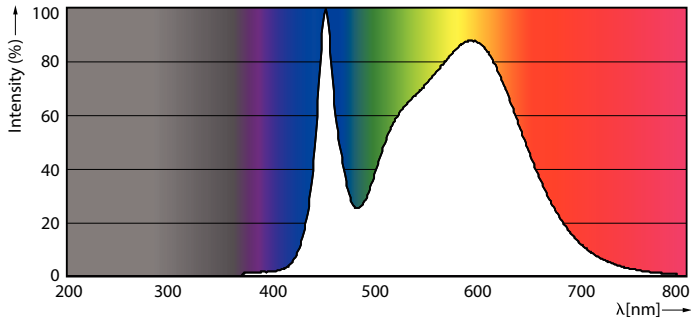
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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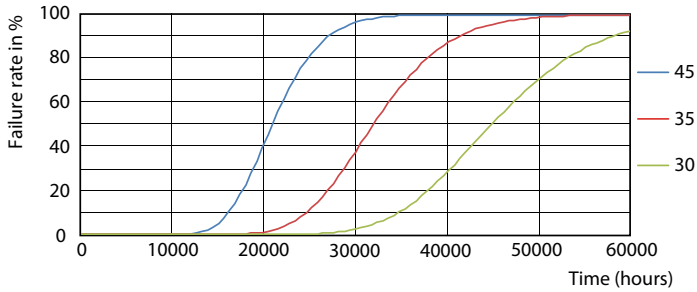
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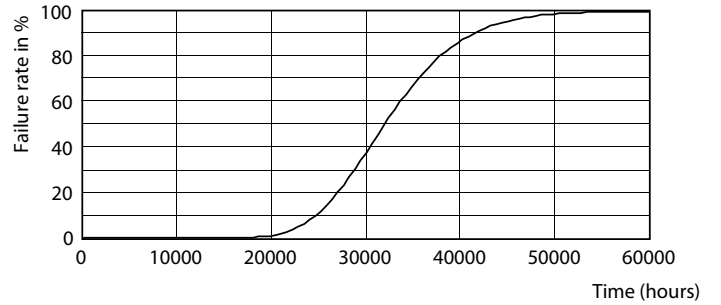


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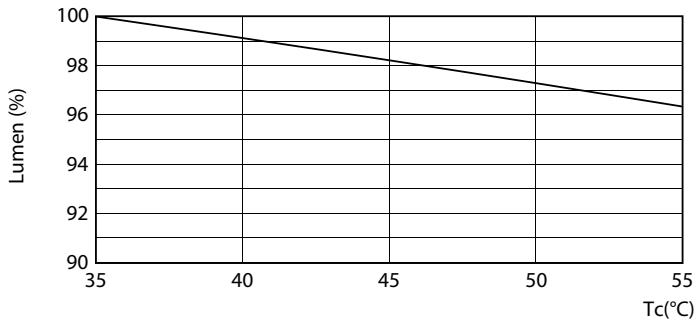
## Lifetime



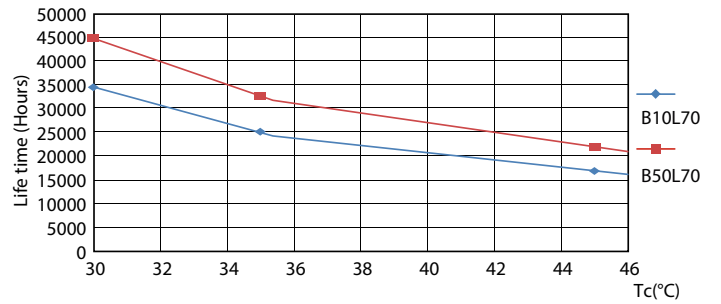
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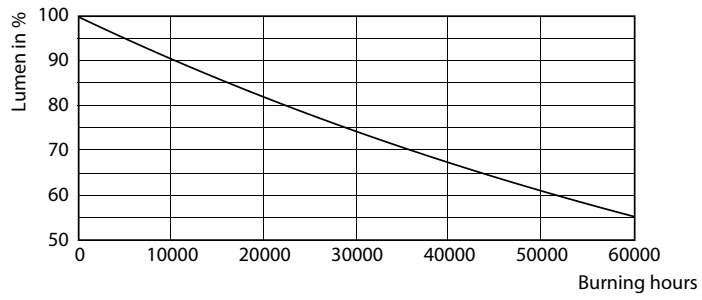
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