



# 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	
Base	G13 [ Medium Bi-Pin Fluorescent]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
Light technical	
Color Code	841 [ CCT of 4100K (841)]
Beam Angle (Nom)	240 °
Initial lumen (Nom)	1800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	20K to 120K Hz
Power (Rated) (Nom)	16 W

Lamp Current (Max)	330 mA
Lamp Current (Min)	110 mA
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
Temperature	
T-Ambient (Max)	113 °F
T-Ambient (Min)	-4 °F
T-Storage (Max)	149 °F
T-Storage (Min)	-40 °F
T-Case Maximum (Nom)	95 °F
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Material	Glass

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Product Length	48 in
Bulb Shape	Tube, double-ended

## Approval and application

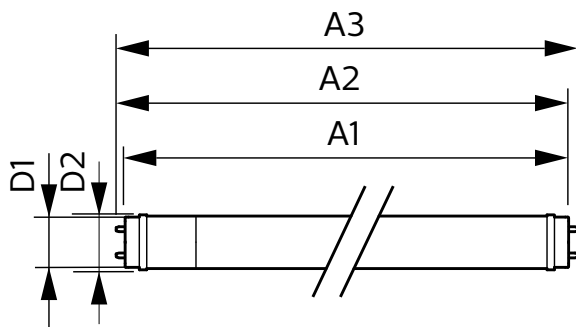
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

## Product data

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

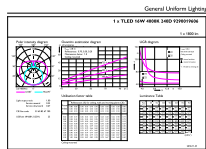
## Dimensional drawing



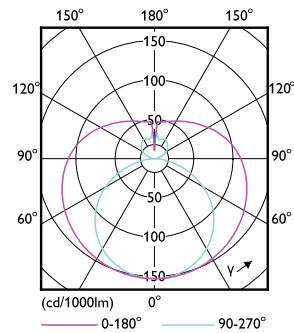
16T8/LED/48-840/IF18/G 25/1

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



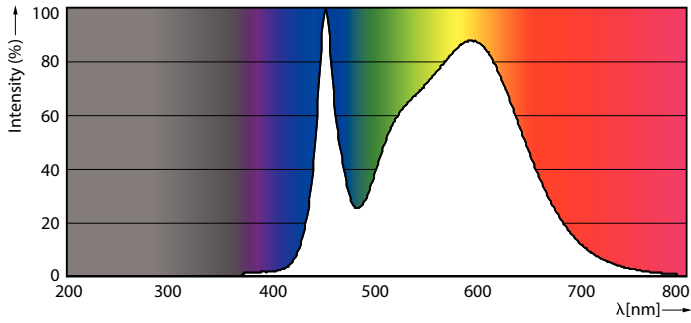
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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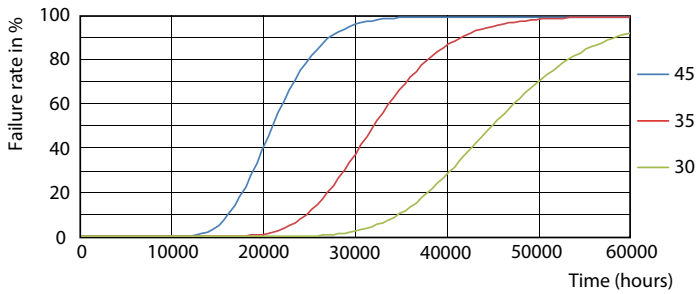
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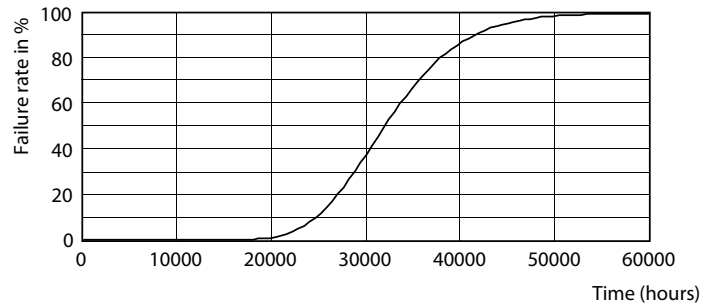


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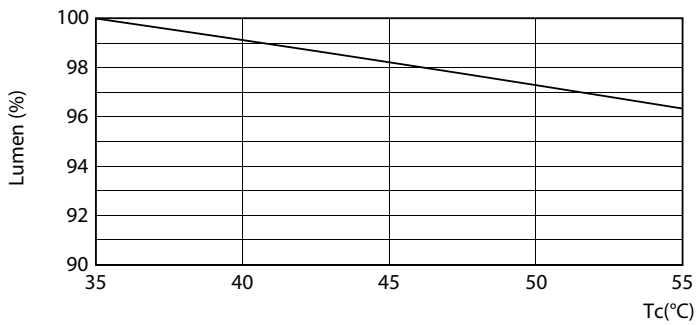
## Lifetime



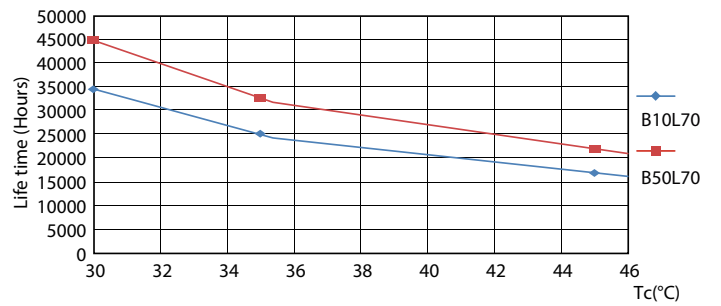
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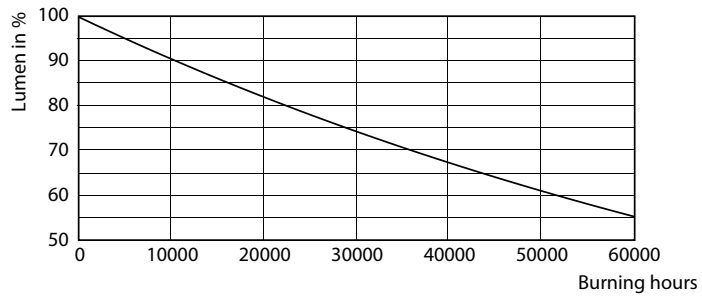
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