



# T8

## 16T8/LED/48-850/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		Lamp Current (Max)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		330 mA
EU RoHS compliant	Yes	Lamp Current (Min)	110 mA
Nominal Lifetime (Nom)	36000 h	Starting Time (Nom)	0.5 s
Switching Cycle	50000X	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		UL Type	Type A - works on ballast
Color Code	850 [ CCT of 5000K]	Power Factor (Nom)	0.9
Beam Angle (Nom)	240 °	Voltage (Nom)	120-277, 347 V
Luminous Flux (Nom)	1800 lm	Temperature	
Color Designation	Daylight [ Daylight]	T-Ambient (Max)	45 °C
Correlated Color Temperature (Nom)	5000 K	T-Ambient (Min)	-20 °C
Luminous Efficacy (rated) (Nom)	112.00 lm/W	T-Storage (Max)	65 °C
Color Consistency	<6	T-Storage (Min)	-40 °C
Color Rendering Index (Nom)	80	T-Case Maximum (Nom)	35 °C
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
Operating and Electrical		Dimmable	No
Input Frequency	20K to 120K Hz		
Power (Rated) (Nom)	16 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  
 Energy Consumption kWh/1000 h - kWh

## Product Data

Order product name 16T8/LED/48-850/IF18/G 25/1

EAN/UPC - Product 046677542092

Order code 542092

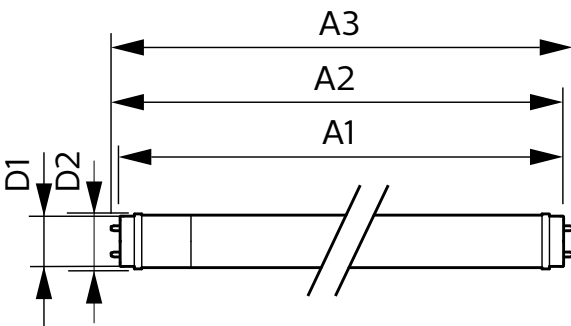
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 25

Material Nr. (12NC) 929001960704

Net Weight (Piece) 0.215 kg

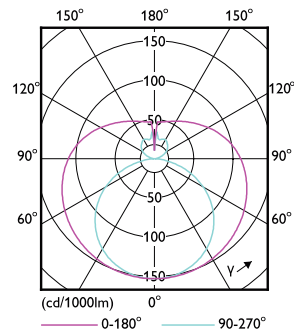
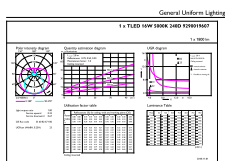
## Dimensional drawing



TLED 1200mm T8 120-277 16W 1800lm 5000K

Product	D1	D2	A1	A2	A3
16T8/LED/48-850/IF18/G 25/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

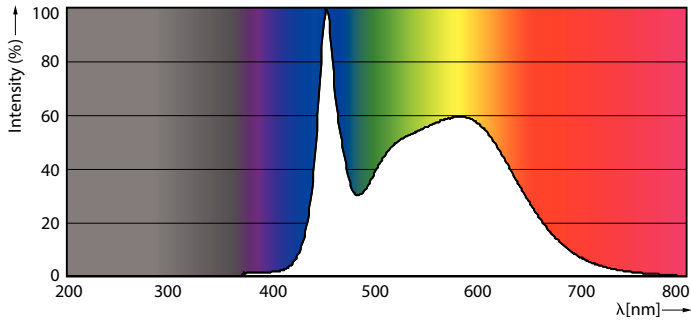
## Photometric data



LEDtubes 1200mm T8 120-277 16W 1800lm 5000K

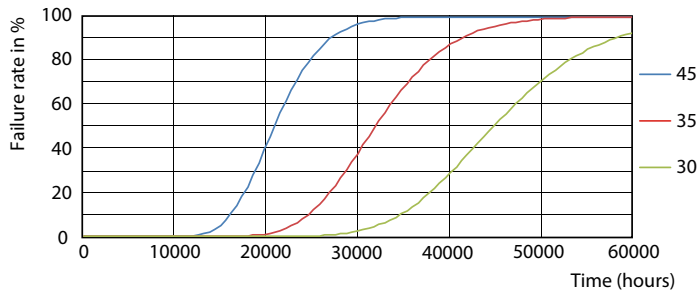
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K

Photometric data

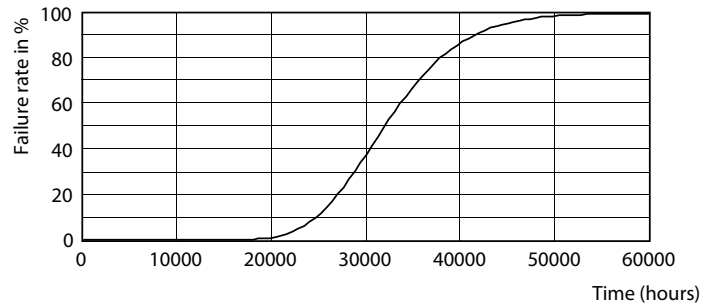


LEDtubes 1200mm T8 120-277 16W 1800lm 5000K

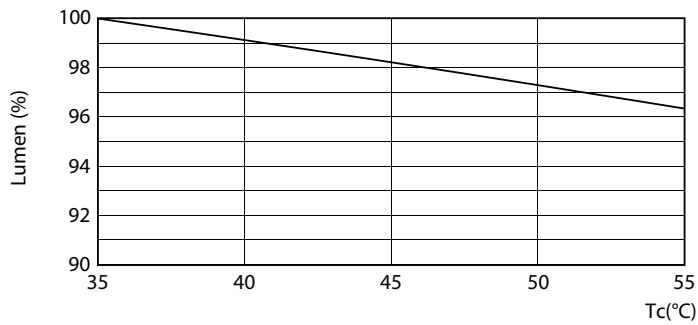
Lifetime



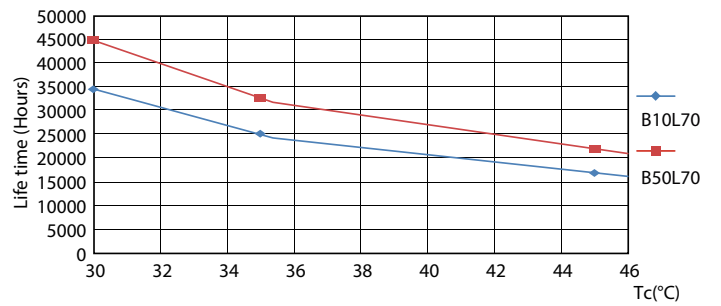
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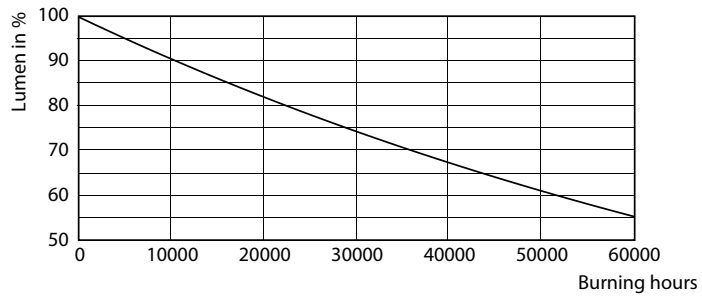
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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## Lifetime



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

