



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)	
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
Initial lumen (Nom)	1800 lm	Temperature	
Color Designation	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	Mechanical and Housing	
Power (Rated) (Nom)	16 W	Bulb Material	Glass

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Product Length	48 in
Bulb Shape	Tube, double-ended

Approval and Application

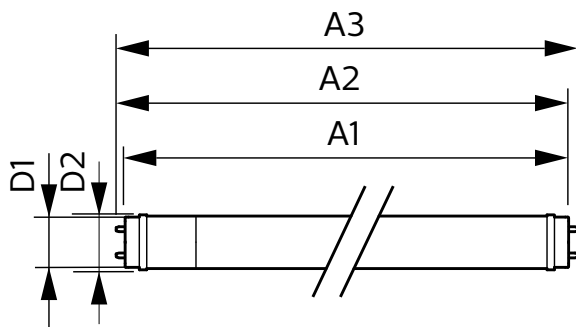
Energy Saving Product	Yes
Approbation Marks	RoHS compliance UL certificate
Energy Consumption kWh/1000 h	- kWh

Product Data

Order product name	16T8/LED/48-850/IF18/G 25/1
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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
Model Number	9290019607

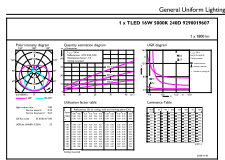
Dimensional drawing



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

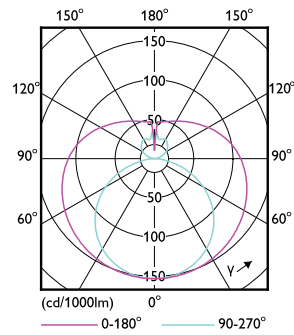
Product	D1	D2	A1	A2	A3
16T8/LED/48-850/IF18/G 25/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



OSRAM Photometric Data Page Lighting EVX April 2017

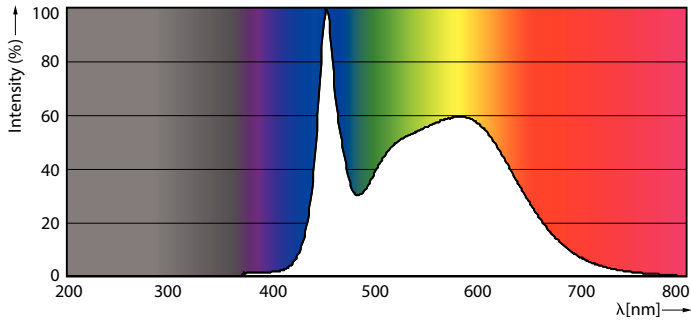
LEDtubes 1200mm T8 120-277 16W 1800lm 5000K



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

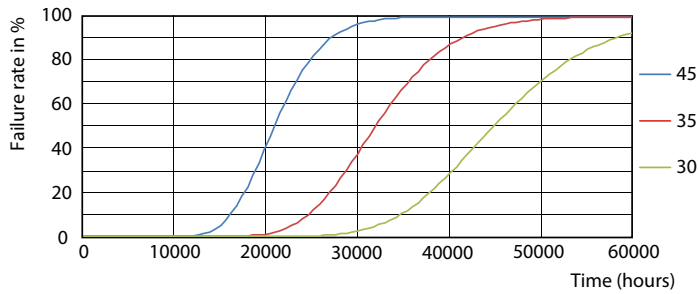
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Photometric data

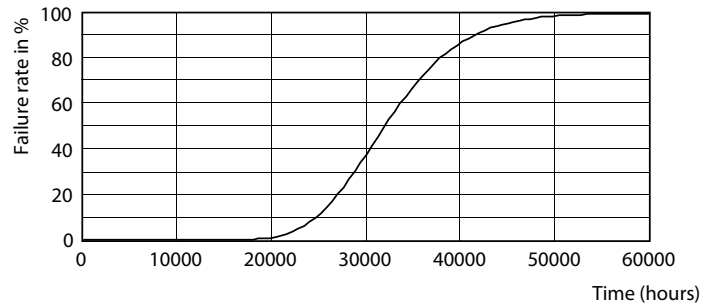


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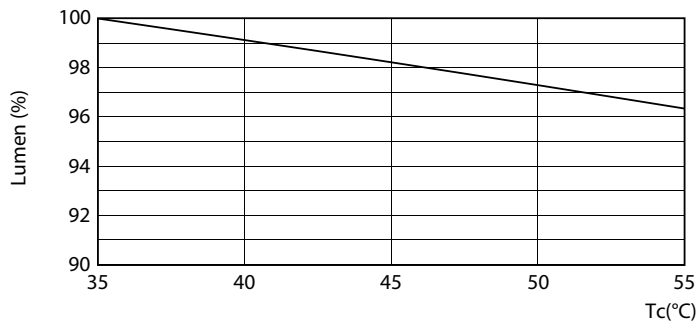
Lifetime



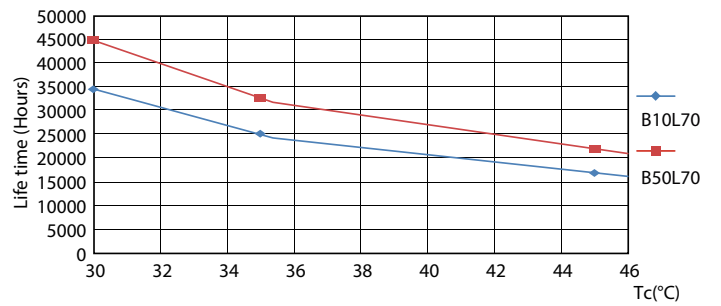
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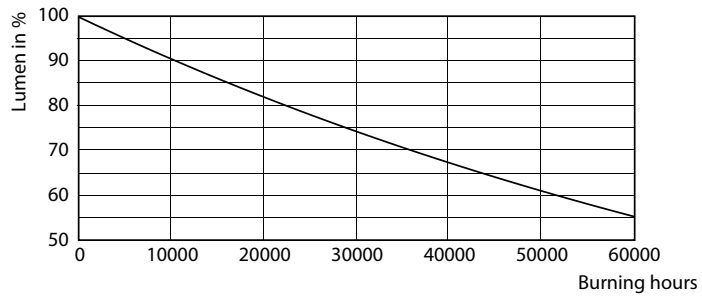
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Lifetime



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