



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	
Base	G13 [Medium Bi-Pin Fluorescent]
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
B50L70	36000 h
Light Technical	
Color Code	850 [CCT of 5000K]
Initial lumen (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Correlated Color Temperature (Nom)	5000 K
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

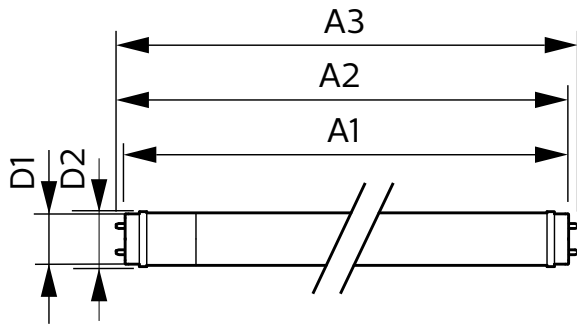
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	1200 mm
Approval and Application	
Energy Saving Product	Yes

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Approbation Marks	RoHS compliance UL certificate
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
Model Number	9290019607

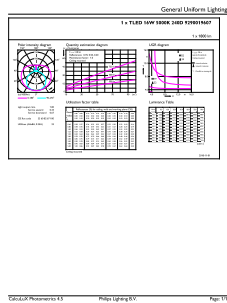
Dimensional drawing



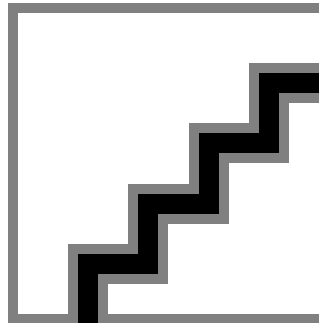
TLED 1200mm T8 120-277 16W 1800lm 5000K

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

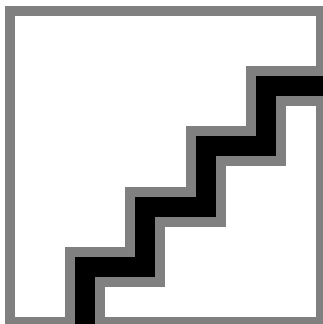
Photometric data



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



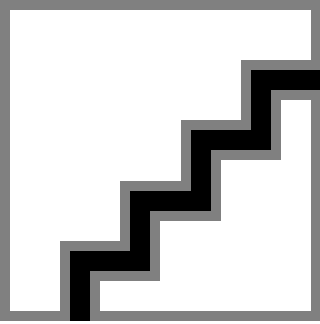
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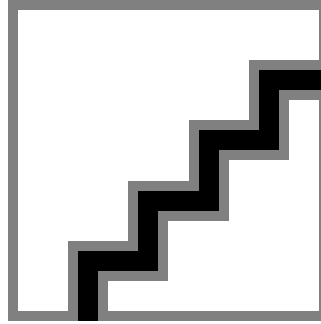
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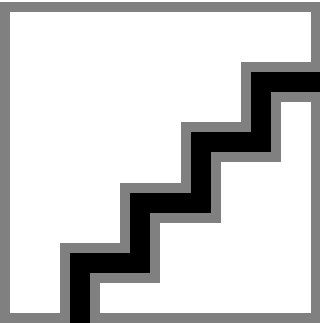
Lifetime



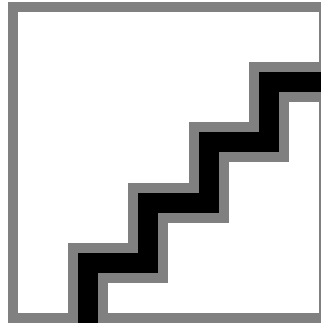
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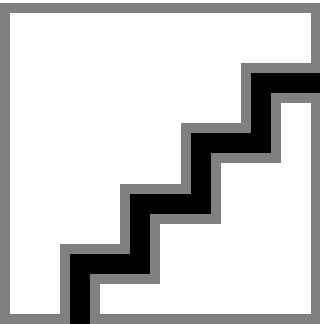
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