



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]
Nominal Lifetime (Nom)	36000 h
Switching Cycle	50000X
B50L70	36000 h
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Initial lumen (Nom)	1800 lm
Luminous Flux (Rated) (Nom)	1800 lm
Correlated Color Temperature (Nom)	4000 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

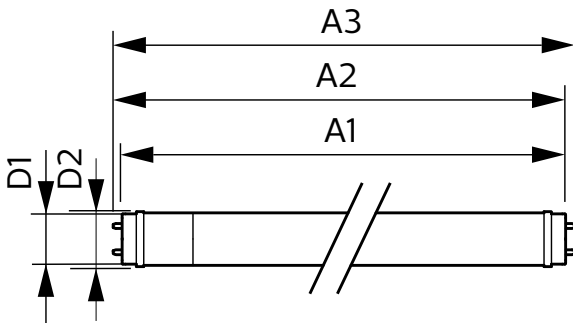
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277, 347 V
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	35 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing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

T8

Approbation Marks	RoHS compliance UL certificate
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)	0.215 kg
Model Number	9290019606

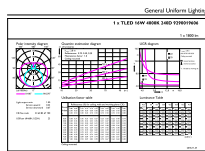
Dimensional drawing



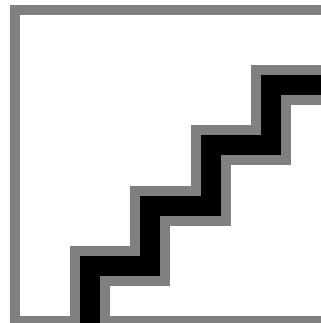
TLED 1200mm T8 120-277 16W 1800lm 4000K

Product	D1	D2	A1	A2	A3
16T8/LED/48-840/IF18/G 25/1	25.7 mm	28 mm	1198 mm	1205 mm	1212 mm

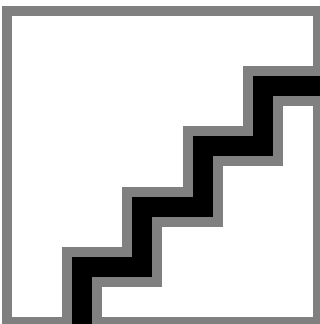
Photometric data



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



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



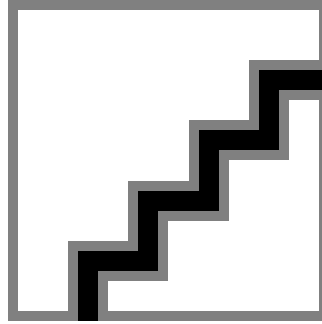
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K

T8

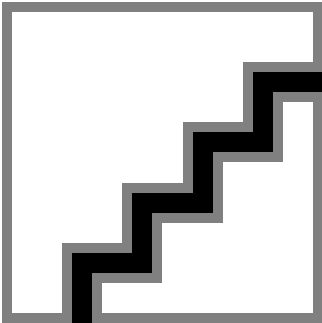
Lifetime



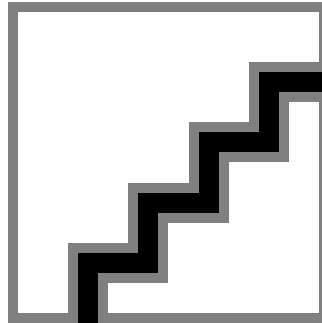
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



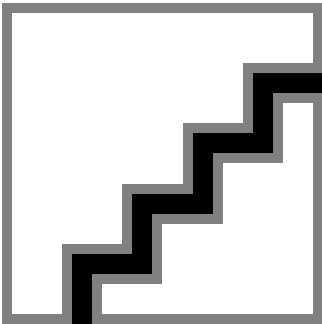
LEDtubes 1200mm T8 120-277 16W 1800lm 4000K



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



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



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

