



T8

13T8-6U/MAS/24-840/IF21/P/DIM 10/1

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)	70000 h
Switching Cycle	50000X
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	180 °
Initial lumen (Nom)	2100 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161.00 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)	13 W

Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
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)	50 °C
Controls and Dimming	
Dimmable	Yes

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Mechanical and Housing

Product Length 600 mm

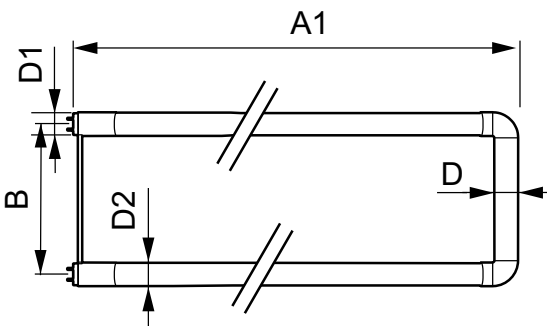
Approval and Application

Energy Efficiency Label (EEL) Not applicable
 Energy Saving Product Yes
 Approbation Marks RoHS compliance UL certificate DLC compliance
 Energy Consumption kWh/1000 h - kWh
 Energy Certifications DLC Standard

Product Data

Order product name 13T8-6U/MAS/24-840/IF21/P/DIM 10/1
 EAN/UPC - Product 046677541873
 Order code 541870
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 10
 Material Nr. (12NC) 929001987604
 Net Weight (Piece) 0.270 kg
 Model Number 9290019876

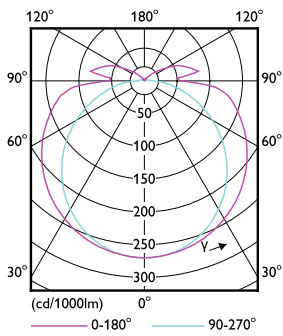
Dimensional drawing



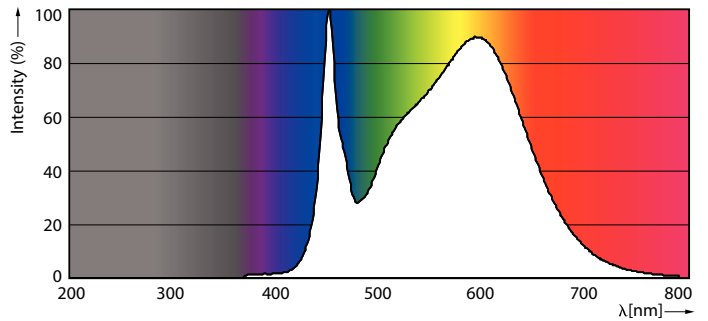
TLED IF MasterClass U bent 2100lm 4000K

Product	D1	D2	A1	A2	A3
13T8-6U/MAS/24-840/IF21/P/DIM 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm

Photometric data



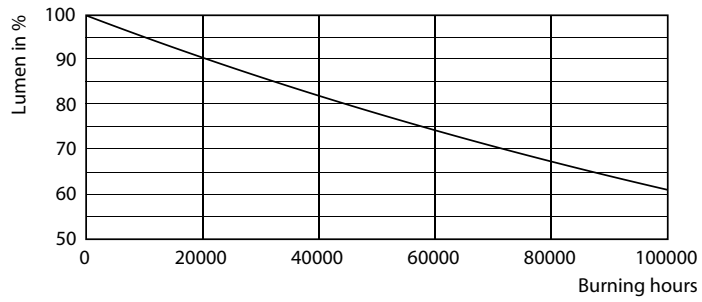
G13 3000K 2000lm



G13 4000K 2100lm

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Lifetime



G13 4000K

