



MasterClass LEDtube InstantFit T8

13T8 LED/24-5000 IF-6U 10/1

The MasterClass InstantFit TLED is a great LED solution suitable for replacing T8 fluorescent lamps, using the existing ballast. MasterClass TLEDs feature a shatter-resistant polycarbonate construction, 70,000 hour life and a standard 7-year limited warranty. When maximum energy savings and long life are needed, Philips MasterClass TLED are the solution.

Product data

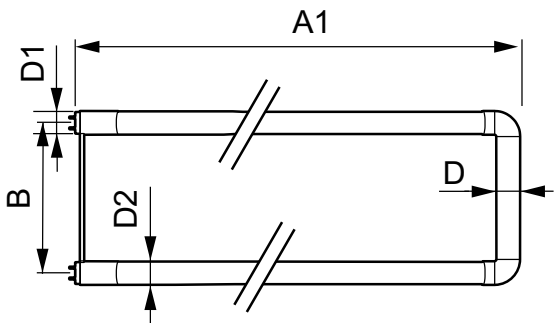
General Information		Starting Time (Nom)		0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)		0.1 s
Nominal Lifetime (Nom)	50000 h	Power Factor (Nom)		0.9
Switching Cycle	50000X	Voltage (Nom)		120-277, 347 V
B50L70	50000 h			
Light Technical		Temperature		
Color Code	850 [CCT of 5000K]	T-Ambient (Max)		45 °C
Initial lumen (Nom)	2100 lm	T-Ambient (Min)		-20 °C
Luminous Flux (Rated) (Nom)	2100 lm	T-Storage (Max)		65 °C
Correlated Color Temperature (Nom)	5000 K	T-Storage (Min)		-40 °C
Color Consistency	<6	T-Case Maximum (Nom)		50 °C
Color Rendering Index (Nom)	82	Controls and Dimming		
LLMF At End Of Nominal Lifetime (Nom)	70 %	Dimmable		No
Operating and Electrical		Mechanical and Housing		
Input Frequency	20000-120000 Hz	Product Length		600 mm
Power (Rated) (Nom)	13 W	Approval and Application		
Lamp Current (Max)	165 mA	Energy Saving Product		Yes
Lamp Current (Min)	55 mA			

MasterClass LEDtube InstantFit T8

Approbation Marks	UL certificate RoHS compliance DLC compliance
DesignLights Consortium Qualified Product List	DesignLights Consortium Qualified Product List
Product Data	
Order product name	13T8 LED/24-5000 IF-6U 10/1
EAN/UPC - Product	046677472382

Order code	469403
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001312104
Net Weight (Piece)	0.270 kg
Model Number	9290013121

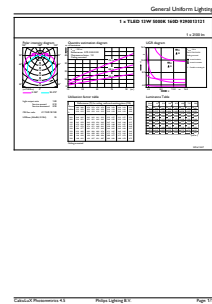
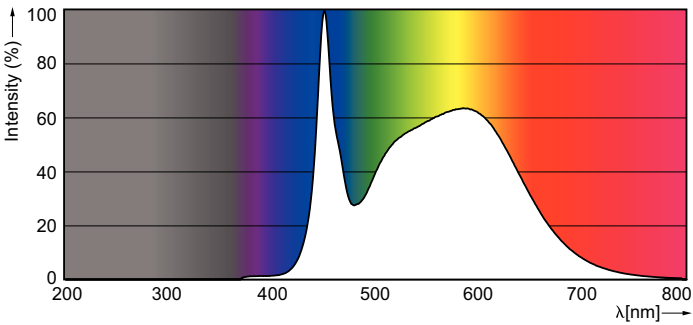
Dimensional drawing



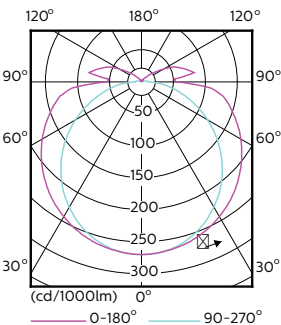
Product	D1	D2	B	A1	D
13T8 LED/24-5000 IF-6U 10/1	25.7 mm	28 mm	152 mm	570 mm	27.8 mm

TLED U bent 13-32W 2100lm 5000K ND

Photometric data



LEDtube 500mm 13W G13 850 2100lm



Lifetime

