

T12

20T12 EM LED/48-3000 IF G 10/1

Philips UniversalFit TLEDs offer unique ballast compatibility working with both electronic (instant-start) and magnetic ballasts while meeting the revised UL1993 standards. The UniversalFit TLEDs are engineered to deliver excellent lighting effects and substantial energy savings while providing unmatched user & installer safety.

Product data

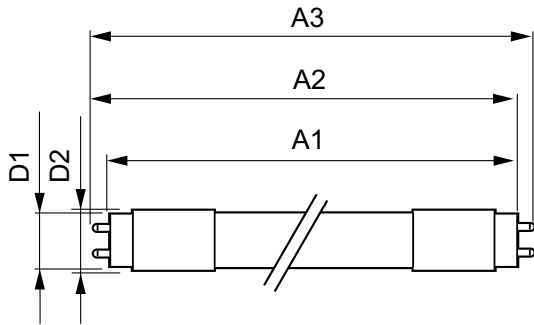
General Information		Warm Up Time to 60% Light (Nom)	
Base	G13 [Medium Bi-Pin Fluorescent]		0.5 s
EU RoHS compliant	Yes	Power Factor (Nom)	0.5
Nominal Lifetime (Nom)	36000 h	Voltage (Nom)	120-277 V
Switching Cycle	50000X	Temperature	
Light Technical		T-Ambient (Max)	45 °C
Color Code	830 [CCT of 3000K]	T-Ambient (Min)	-20 °C
Beam Angle (Nom)	240 °	T-Storage (Max)	65 °C
Initial lumen (Nom)	2000 lm	T-Storage (Min)	-40 °C
Color Designation	White (WH)	T-Case Maximum (Nom)	65 °C
Correlated Color Temperature (Nom)	3000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color Rendering Index (Nom)	82	Product Length	1200 mm
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application	
Operating and Electrical		Energy Efficiency Label (EEL)	A+
Input Frequency	60 Hz	Energy Saving Product	Yes
Power (Rated) (Nom)	20 W	Suitable For Accent Lighting	No
Lamp Current (Max)	220 mA	Approbation Marks	UL certificate RoHS compliance
Lamp Current (Min)	90 mA		
Starting Time (Nom)	0.5 s		

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Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	20T12 EM LED/48-3000 IF G 10/1
EAN/UPC - Product	046677472740
Order code	469056
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001306104
Net Weight (Piece)	0.001 kg
Model Number	9290013061

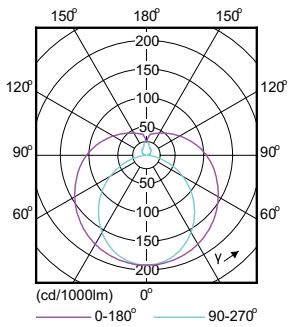
Dimensional drawing



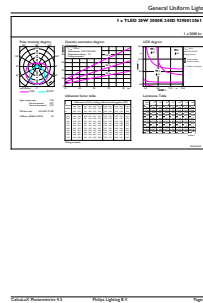
TLED 120-277V 20-32W 2000lm 3000K G13

Product	D1	D2	A1	A2	A3
20T12 EM LED/48-3000 IF G 10/1	25.68 mm	28 mm	1198 mm	1205 mm	1212 mm

Photometric data



LEDtube 1200mm 20-32W T8 830 2000lm



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