



# T12

## 20T12 EM LED/48-4000 IFG 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

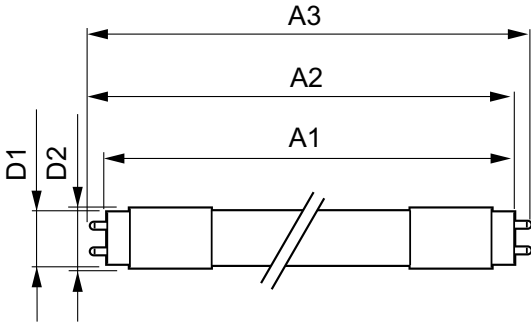
General Information		Voltage (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]	120-277 V	
EU RoHS compliant	Yes	Temperature	
Nominal Lifetime (Nom)	36000 h	T-Ambient (Max)	35 °C
Switching Cycle	50000X	T-Ambient (Min)	-20 °C
Light Technical		T-Storage (Max)	65 °C
Color Code	841 [ CCT of 4100K (841)]	T-Storage (Min)	-40 °C
Beam Angle (Nom)	240 °	T-Case Maximum (Nom)	65 °C
Luminous Flux (Nom)	2100 lm	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	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	Approval Marks	RoHS compliance UL certificate
Lamp Current (Max)	220 mA	Energy Consumption kWh/1000 h	20 kWh
Lamp Current (Min)	90 mA	Product Data	
Starting Time (Nom)	0.5 s	Order product name	20T12 EM LED/48-4000 IF G 10/1
Warm Up Time to 60% Light (Nom)	0.5 s		
Power Factor (Nom)	0.5		

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EAN/UPC - Product	046677463113
Order code	463117
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10

Material Nr. (12NC)	929001226504
Net Weight (Piece)	0.001 kg

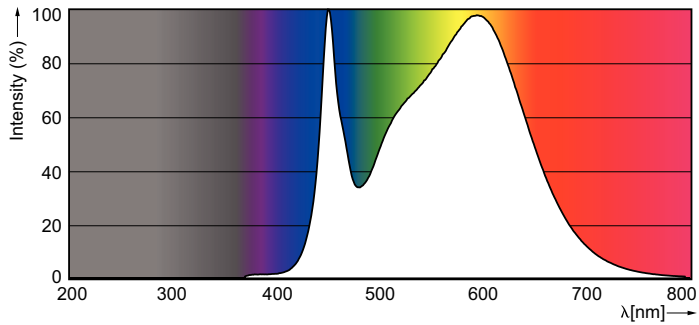
## Dimensional drawing



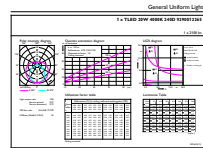
TLED T12 120-277V 20-34/40W 4000K G13 ND

Product	D1	D2	A1	A2	A3
20T12 EM LED/48-4000 IF G 10/1	26 mm	28 mm	1198 mm	1205 mm	1212 mm

## Photometric data



LEDtubes, TLED T12 120-277V 20W 4000K G13



LEDtubes, TLED T12 120-277V 20W 4000K G13

LEDtube 1200mm 18 W T8 C W G

