



# T12

## 20T12 EM LED/48-4000 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

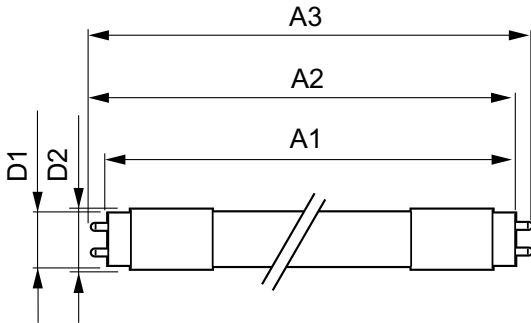
General Information		Warm Up Time to 60% Light (Nom)	
Cap-Base	G13 [ Medium Bi-Pin Fluorescent]		0.5 s
EU RoHS compliant	Yes	Power Factor (Nom)	0.5
Nominal Lifetime (Nom)	36000 h	Voltage (Nom)	120-277 V
Switching Cycle	50000X	<b>Temperature</b>	
<b>Light Technical</b>		T-Ambient (Max)	35 °C
Color Code	840 [ CCT of 4000K]	T-Ambient (Min)	-20 °C
Beam Angle (Nom)	240 °	T-Storage (Max)	65 °C
Luminous Flux (Nom)	2100 lm	T-Storage (Min)	-40 °C
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	65 °C
Correlated Color Temperature (Nom)	4000 K	<b>Controls and Dimming</b>	
Luminous Efficacy (rated) (Nom)	105.00 lm/W	Dimmable	No
Color Consistency	<6	<b>Mechanical and Housing</b>	
Color Rendering Index (Nom)	82	Product Length	1200 mm
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape	Tube, double-ended
<b>Operating and Electrical</b>		<b>Approval and Application</b>	
Input Frequency	60 Hz	Energy Efficiency Label (EEL)	A+
Power (Nom)	20 W	Energy Saving Product	Yes
Lamp Current (Max)	220 mA	Approval Marks	RoHS compliance UL certificate
Lamp Current (Min)	90 mA		
Starting Time (Nom)	0.5 s		

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Energy Consumption kWh/1000 h	20 kWh
<b>Product Data</b>	
Order product name	20T12 EM LED/48-4000 IF G 10/1
EAN/UPC - Product	046677463113
Order code	929001226504

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001226504
Net Weight (Piece)	0.001 kg

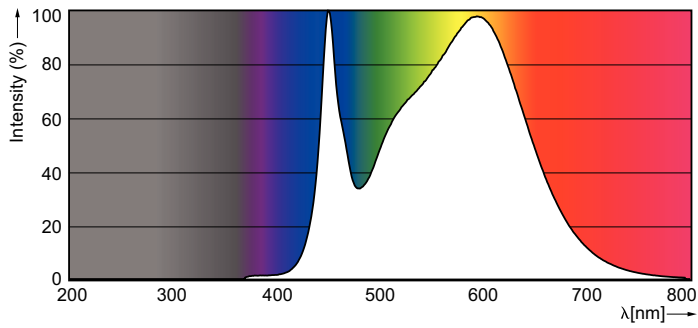
## Dimensional drawing



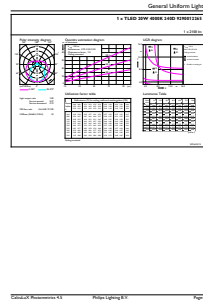
TLED T12 120-277V 20-34/40W 4000K G13 ND

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

