PHIL

# **PHILIPS** Lighting

## **T12**

### 20T12 EM LED/48-6500 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				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	36,000 hour(s)			
Switching Cycle	50,000			
Lighting Technology	LED			
EU RoHS compliant	Yes			
Light Technical				
Color Code	865 [CCT of 6500K]			
Beam Angle (Nom)	240 degree(s)			
Luminous Flux	2,100 lm			
Color Designation	Cool Daylight			
Correlated Color Temperature (Nom)	6500 K			
Luminous Efficacy (rated) (Nom)	105.00 lm/W			
Color Consistency	<6			
Color rendering index (CRI)	82			
LLMF At End Of Nominal Lifetime (Nom)	70 %			
Operating and Electrical				
Line Frequency	60 Hz			
Input Frequency	60 Hz			
Power Consumption	20 W			
Lamp Current (Max)	220 mA			

Lamp Current (Min)	90 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.5			
Voltage (Nom)	120-277 V			
Temperature				
Ambient temperature range	-4 °F to 95 °F			
T-Case Maximum (Nom)	149 °F			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	47-1/4 inch			
Bulb Shape	Tube, double-ended			
Approval and Application				
Energy Saving Product	Yes			
Suitable For Accent Lighting	No			
Approval Marks	RoHS compliance UL certificate			
Energy Consumption kWh/1000 h	20 kWh			

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EAN/UPC - Product/Case	046677463120		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677463125		

#### **Dimensional drawing**



Product	D1	D2	A1	A2	A3
20T12 EM LED/48-6500	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
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#### Photometric data



Spectral Power Distribution Colour - 20T12 EM LED/48-6500 IF G 10/1

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General uniform lighting - 20T12 EM LED/48-6500 IF G 10/1



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