

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				
Cap-Base	G13 [Medium Bi-Pin Fluorescent]			
Nominal lifetime	36,000 hour(s) 50,000 LED			
Switching Cycle				
Lighting Technology				
EU RoHS compliant	Yes			
Light Technical				
Color Code	840 [CCT of 4000K]			
Beam Angle (Nom)	240 degree(s)			
Luminous Flux	2,100 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K 105.00 lm/W			
Luminous Efficacy (rated) (Nom)				
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			

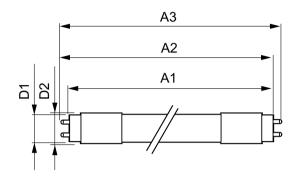
Lamp Current (Min)	90 mA		
Starting Time (Nom)	0.5 s		
Warm-up time to 60% light	0.5 s		
Power Factor (Fraction)	0.5		
Voltage (Nom)	120-277 V		
Temperature			
Ambient temperature range	-4 °F to 95 °F		
T-Case Maximum (Nom)	149 °F		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Product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

Datasheet, 2023, August 18 data subject to change

Product Data	
Order product name	20T12 EM LED/48-4000 IF G 10/1
Full product name	20T12 EM LED/48-4000 IFG 10/1
Order code	463117
Material Nr. (12NC)	929001226504
Numerator - Quantity Per Pack	1

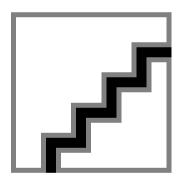
EAN/UPC - Product/Case	046677463113		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677463118		

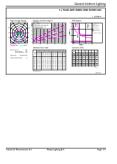
Dimensional drawing



Product	D1	D2	A1	A2	А3
20T12 EM LED/48-4000	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch
IF G 10/1					

Photometric data





Spectral Power Distribution Colour - 20T12 EM LED/48-4000 IF G 10/1

General uniform lighting - 20T12 EM LED/48-4000 IF G 10/1



Light Distribution Diagram - 20T12 EM LED/48-4000 IF G 10/1



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