

T12

20T12 EM LED/48-6500 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					
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				

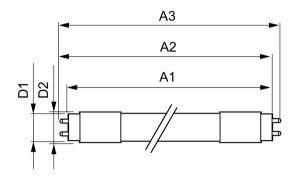
Lamp Current (Min)	90 mA			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.5			
Voltage (Nom)	120-277 V			
Temperature				
Ambient temperature range	-20 °C to 35 °C			
T-Case Maximum (Nom)	65 ℃			
Controls and Dimming				
Dimmable	No			
Mechanical and Housing				
Product Length	1,200 mm			
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			

Datasheet, 2023, December 6 data subject to change

Product Data				
Order product name	20T12 EM LED/48-6500 IF G 10/1			
Full product name	20T12 EM LED/48-6500 IF G 10/1			
Order code	929001226604			
Material Nr. (12NC)	929001226604			
Numerator - Quantity Per Pack	1			

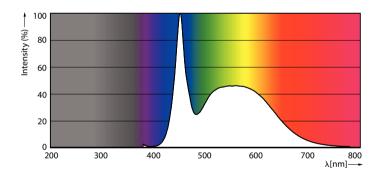
EAN/UPC - Product/Case	046677463120		
Numerator - Packs per outer box	10		
EAN/UPC - Case	50046677463125		

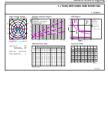
Dimensional drawing



Product	D1	D2	A1	A2	A3
20T12 EM LED/48-6500 IF G 10/1	26 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data





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

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



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