



T12

20T12 EM LED/48-3000 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		Lamp Current (Min)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]		90 mA
Nominal lifetime	36,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.5
EU RoHS compliant	Yes	Voltage (Nom)	120-277 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	Ambient temperature range	-4 °F to 113 °F
Beam Angle (Nom)	240 degree(s)	T-Case Maximum (Nom)	149 °F
Luminous Flux	2,000 lm	Controls and Dimming	
Color Designation	White (WH)	Dimmable	No
Correlated Color Temperature (Nom)	3000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Product Length	47-1/4 inch
Color Consistency	<6	Bulb Shape	Tube, double-ended
Color rendering index (CRI)	82	Approval and Application	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Saving Product	Yes
Operating and Electrical		Suitable For Accent Lighting	No
Line Frequency	60 Hz	Approval Marks	UL certificate RoHS compliance
Input Frequency	60 Hz	Energy Consumption kWh/1000 h	- kWh
Power Consumption	20 W		
Lamp Current (Max)	220 mA		

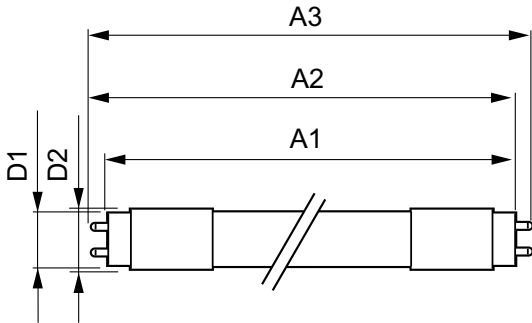
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Product Data

Order product name	20T12 EM LED/48-3000 IF G 10/1
Full product name	20T12 EM LED/48-3000 IF G 10/1
Order code	469056
Material Nr. (12NC)	929001306104
Numerator - Quantity Per Pack	1

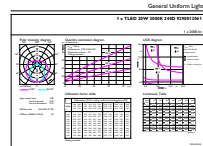
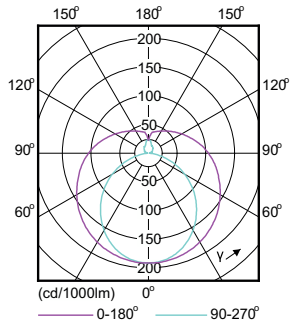
EAN/UPC - Product/Case	046677472740
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677469059

Dimensional drawing



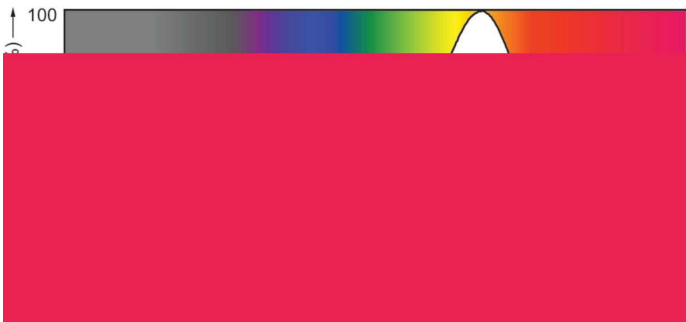
Product	D1	D2	A1	A2	A3
20T12 EM LED/48-3000 IF G 10/1	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

Photometric data



Light Distribution Diagram - 20T12 EM LED/48-3000 IF G 10/1

General uniform lighting - 20T12 EM LED/48-3000 IF G 10/1



Spectral Power Distribution Colour - 20T12 EM LED/48-3000 IF G 10/1

