



T12

20T12 EM LED/48-3500 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.

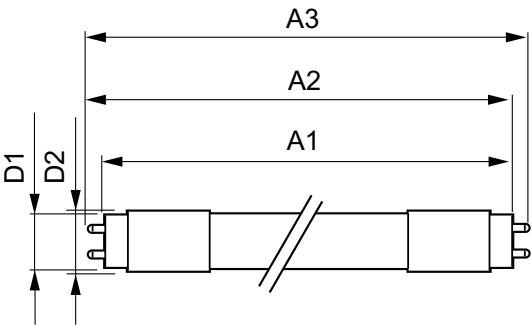
Product data

General Information		Temperature	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Lamp Current (Min)	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		Controls and Dimming	
Color Code	835 [CCT of 3500K]	Dimmable	No
Beam Angle (Nom)	240 degree(s)	Mechanical and Housing	
Luminous Flux	2,000 lm	Product Length	1,200 mm
Color Designation	White (WH)	Bulb Shape	Tube, double-ended
Correlated Color Temperature (Nom)	3500 K	Approval and Application	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	Energy Saving Product	Yes
Color Consistency	<6	Suitable For Accent Lighting	No
Color rendering index (CRI)	82	Approval Marks	UL certificate RoHS compliance
LLMF At End Of Nominal Lifetime (Nom)	70 %	Energy Consumption kWh/1000 h	- kWh
Operating and Electrical			
Line Frequency	60 Hz		
Input Frequency	60 Hz		
Power Consumption	20 W		
Lamp Current (Max)	220 mA		

Product Data	
Order product name	20T12 EM LED/48-3500 IF G 10/1
Full product name	20T12 EM LED/48-3500 IF G 10/1
Order code	929001306204
Material Nr. (12NC)	929001306204
Numerator - Quantity Per Pack	1

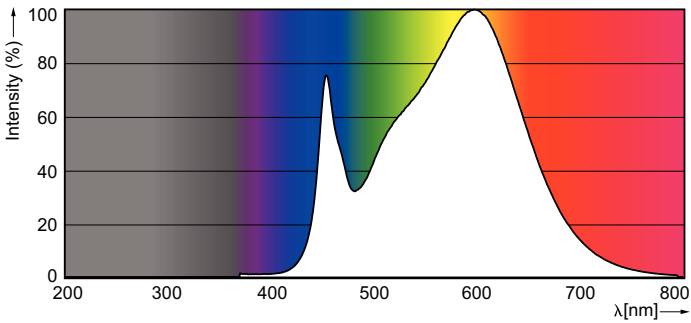
EAN/UPC - Product/Case	046677472757
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677469066

Dimensional drawing

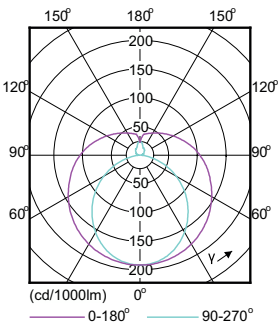


Product	D1	D2	A1	A2	A3
20T12 EM LED/48-3500 IF G 10/1	25.68 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

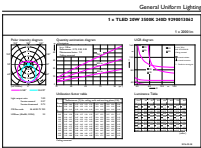
Photometric data



Spectral Power Distribution Colour - 20T12 EM LED/48-3500 IF G 10/1



Light Distribution Diagram - 20T12 EM LED/48-3500 IF G 10/1



General uniform lighting - 20T12 EM LED/48-3500 IF G 10/1

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