

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.

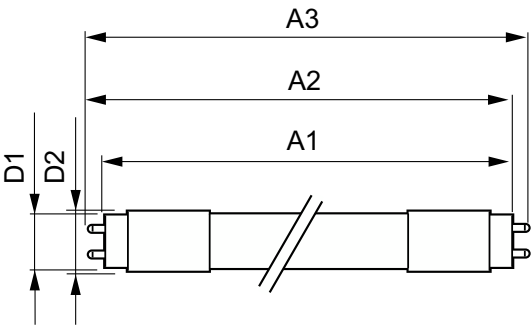
Product data

General Information			
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	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		Temperature	
Color Code	840 [CCT of 4000K]	Ambient temperature range	-4 °F to 95 °F
Beam Angle (Nom)	240 degree(s)	T-Case Maximum (Nom)	149 °F
Luminous Flux	2,100 lm	Controls and Dimming	
Color Designation	Cool White (CW)	Dimmable	No
Correlated Color Temperature (Nom)	4000 K	Mechanical and Housing	
Luminous Efficacy (rated) (Nom)	105.00 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		Approval Marks	RoHS compliance UL certificate
Line Frequency	60 Hz	Energy Consumption kWh/1000 h	20 kWh
Input Frequency	60 Hz		
Power Consumption	20 W		
Lamp Current (Max)	220 mA		

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

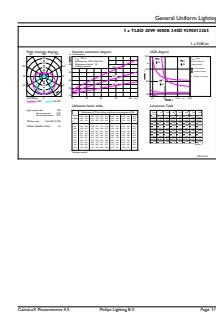
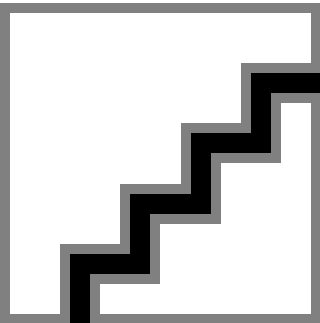
EAN/UPC - Product/Case	046677463113
Numerator - Packs per outer box	10
EAN/UPC - Case	50046677463118

Dimensional drawing



Product	D1	D2	A1	A2	A3
20T12 EM LED/48-4000 IF G 10/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

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

