PHILIPS

PHILIPS Lighting

T8

10.5T8/MAS/48-850/MF16/P 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

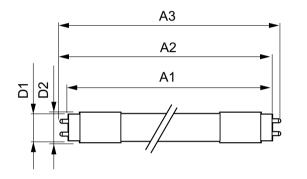
General Information					
Cap-Base	G13 [Medium Bi-Pin Fluorescent]				
Nominal lifetime	70,000 hour(s)				
Switching Cycle	50,000				
Lighting Technology	LED				
EU RoHS compliant	Yes				
Light Technical					
Color Code	850 [CCT of 5000K]				
Beam Angle (Nom)	180 degree(s)				
Luminous Flux	1,650 lm				
Color Designation	Daylight				
Correlated Color Temperature (Nom)	5000 K				
Luminous Efficacy (rated) (Nom)	157.00 lm/W				
Color Consistency	<5				
Color rendering index (CRI)	80				
LLMF At End Of Nominal Lifetime (Nom	n) 70 %				
Operating and Electrical					
Line Frequency	50 to 60 Hz				

Input Frequency	50 to 60 Hz				
Power Consumption	10.5 W				
Lamp Current (Max)	100 mA				
Lamp Current (Min)	43 mA				
Wattage Equivalent	32 W				
Starting Time (Nom)	0.5 s				
Warm-up time to 60% light	0.5 s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	120-277 V				
UL Type	Type B - bypass the ballast				
Temperature					
Ambient temperature range	-20 ℃ to 45 ℃				
T-Case Maximum (Nom)	70 ℃				
Controls and Dimming					
Dimmable	Limited				
Mechanical and Housing					
Bulb Finish	Frosted				

Bulb Material	Plastic				
Product Length	1,200 mm				
Bulb Shape	Т8				
Approval and Application					
Energy Saving Product	Yes				
Approval Marks	RoHS compliance UL certificate DLC				
	compliance				
Product Data					
Order product name	10.5T8/MAS/48-850/MF16/P 10/1				

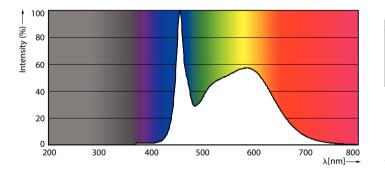
Full product name	10.5T8/MAS/48-850/MF16/P 10/1				
Order code	929002325334				
Material Nr. (12NC)	929002325334				
Numerator - Quantity Per Pack	1				
EAN/UPC - Product/Case	046677575502				
Numerator - Packs per outer box	10				
EAN/UPC - Case	50046677575507				

Dimensional drawing



Product	D1	D2	A1	A2	A3
10.5T8/MAS/48-850/MF16/P 10/1	25.7 mm	28 mm	1,198 mm	1,205 mm	1,212 mm

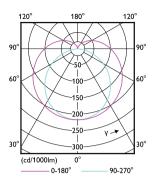
Photometric data



Spectral Power Distribution Colour - 10.5T8/MAS/48-850/MF16/P 10/1

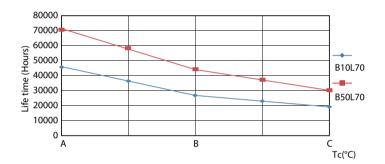
General uniform lighting - 10.5T8/MAS/48-850/MF16/P 10/1

Photometric data

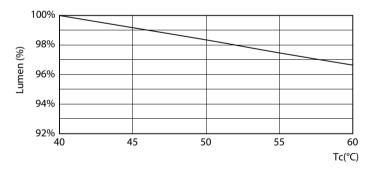


Light Distribution Diagram - 10.5T8/MAS/48-850/MF16/P 10/1

Lifetime

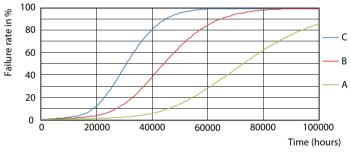


Life Expectancy Diagram - 10.5T8/MAS/48-850/MF16/P 10/1



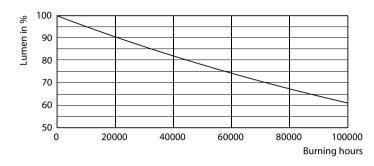
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Lumen Maintenance Diagram - 10.5T8/MAS/48-850/MF16/P 10/1
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Life Expectancy Diagram - 10.5T8/MAS/48-850/MF16/P 10/1



Life Expectancy Diagram - 10.5T8/MAS/48-850/MF16/P 10/1





Lumen Maintenance Diagram - 10.5T8/MAS/48-850/MF16/P 10/1



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