



# T8

## 9.5T8/MAS/48-840/IF16/P 25/1

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.

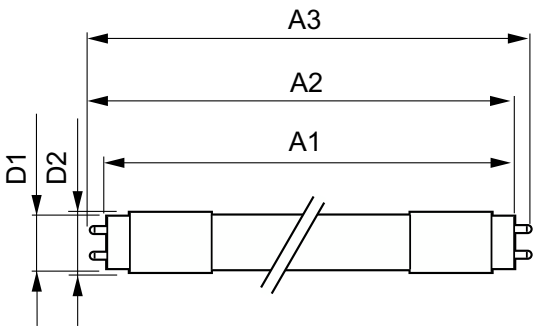
### Product data

<b>General Information</b>		<b>Input Frequency</b>	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Power Consumption	9.5 W
Nominal lifetime	70,000 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)	0.9
EU RoHS compliant	Yes	Voltage (Nom)	120-277, 347 V
<b>Light Technical</b>		UL Type	Type A - works on ballast Type C - works with dedicated LED driver Type A+C - works with both ballasts and the LED driver
Color Code	840 [CCT of 4000K]	<b>Temperature</b>	
Beam Angle (Nom)	180 degree(s)	Ambient temperature range	-4 °F to 131 °F
Luminous Flux	1,500 lm	T-Case Maximum (Nom)	131 °F
Color Designation	Cool White (CW)	<b>Controls and Dimming</b>	
Correlated Color Temperature (Nom)	4000 K	Dimmable	No
Luminous Efficacy (rated) (Nom)	157.00 lm/W	<b>Mechanical and Housing</b>	
Color Consistency	<6	Product Length	47-1/4 inch
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		
<b>Operating and Electrical</b>			
Line Frequency	50 to 60 Hz		

Bulb Shape	T8
Approval and Application	
Energy Saving Product	Yes
Approval Marks	RoHS compliance UL certificate DLC compliance
Energy Consumption kWh/1000 h	- kWh
Product Data	
Order product name	9.5T8/MAS/48-840/IF16/P 25/1

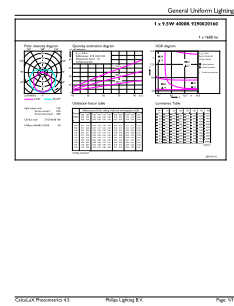
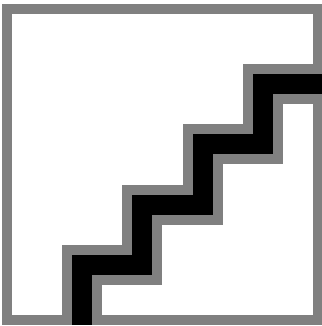
Full product name	9.5T8/MAS/48-840/IF16/P 25/1
Order code	540807
Material Nr. (12NC)	929002016034
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677540807
Numerator - Packs per outer box	25
EAN/UPC - Case	50046677540802

Dimensional drawing



Product	D1	D2	A1	A2	A3
9.5T8/MAS/48-840/ IF16/P 25/1	1-1/16 inch	1-1/8 inch	47-3/16 inch	47-1/2 inch	47-3/4 inch

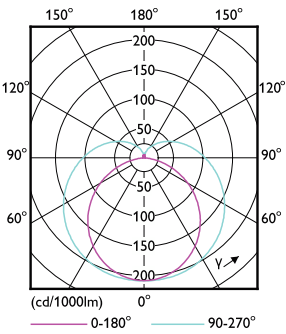
Photometric data



Spectral Power Distribution Colour - 9.5T8/MAS/48-840/IF16/P 25/1

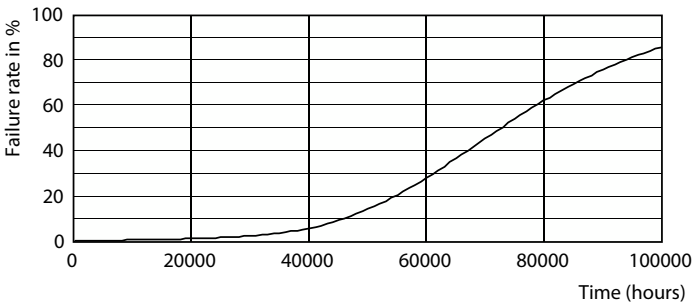
General uniform lighting - 9.5T8/MAS/48-840/IF16/P 25/1

Photometric data

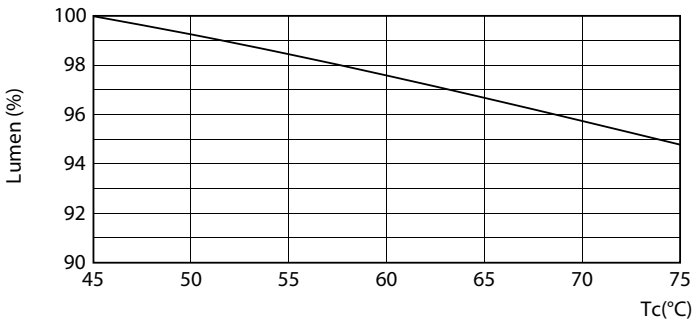


Light Distribution Diagram - 9.5T8/MAS/48-840/IF16/P 25/1

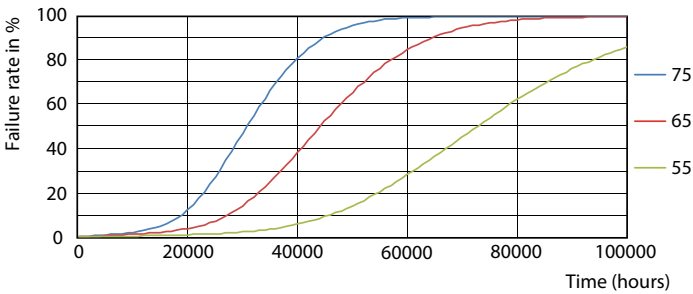
Lifetime



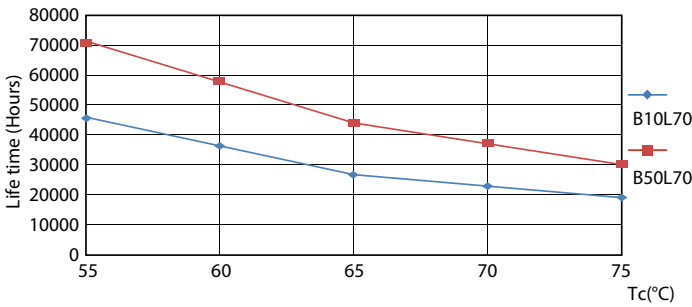
Life Expectancy Diagram - 9.5T8/MAS/48-840/IF16/P 25/1



Lumen Maintenance Diagram - 9.5T8/MAS/48-840/IF16/P 25/1



Life Expectancy Diagram - 9.5T8/MAS/48-840/IF16/P 25/1



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Lifetime



Lumen Maintenance Diagram - 9.5T8/MAS/48-840/IF16/P 25/1

