PHILIPS

PHILIPS Lighting

T8

16.5T8/MAS/48-840/MF25/P/DIM 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

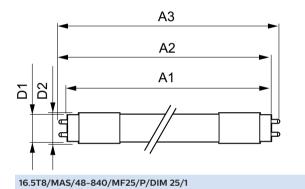
General information		
Base	G13 [Medium Bi-Pin Fluorescent]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	70000 h	
Switching Cycle	50000X	
Tier	MasterClass	
Light technical		
Color Code	841 [CCT of 4100K (841)]	
Beam Angle (Nom)	180 °	
Initial lumen (Nom)	2500 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	151.00 lm/W	
Color Consistency	6SCDM	
Color Rendering Index (Nom)	80	
LLMF At End Of Nominal Lifetime (Nom	n) 70 %	
Operating and electrical		
Input Frequency	50 to 60 Hz	

Power (Rated) (Nom)	16.5 W	
Lamp Current (Max)	144 mA	
Lamp Current (Min)	68 mA	
Starting Time (Nom)	0.5 s	
Warm Up Time to 60% Light (Nom)	0.5 s	
UL Type	TLED_Type B; UL classified double end	
Power Factor (Nom)	0.9	
Voltage (Nom)	120-277 V	
Temperature		
T-Ambient (Max)	113 °F	
T-Ambient (Min)	-4 °F	
T-Storage (Range)	-40 °C to 65 °C	
T-Storage (Max)	149 °F	
T-Storage (Min)	-40 °F	
T-Case Maximum (Nom)	158 °F	
Controls and dimming		
Dimmable	Only with specific dimmers	

Mechanical and housing		
Bulb Finish	Frosted	
Bulb Material	Plastic	
Product Length	47-1/4 in	
Bulb Shape	Tube, double-ended	
Approval and application		
Energy Saving Product	Yes	
Approbation Marks	RoHS compliance UL certificate DLC	
	compliance	
Application conditions		
Ambient temperature range	-20 °C to 45 °C	

Product data		
Order product name	16.5T8/MAS/48-840/MF25/P/DIM 25/1	
EAN/UPC - Product	046677579524	
Order code	579524	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	25	
Material Nr. (12NC)	929003525904	
Net Weight (Piece)	0.463 lb	
Model Number	9290035259	

Dimensional drawing

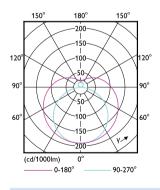


 Product
 D1
 D2
 A1
 A2
 A3

 16.5T8/MAS/48-840/
 1-1/16 in
 1-1/8 in
 47-3/16 in
 47-1/2 in
 47-3/4 in

 MF25/P/DIM 25/1

Photometric data

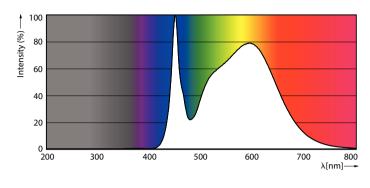


Light Distribution Diagram

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		1 x 2000 los
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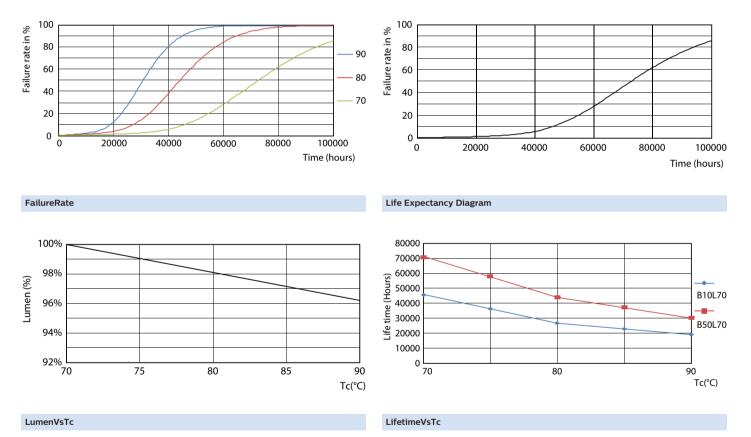
General uniform lighting

Photometric data

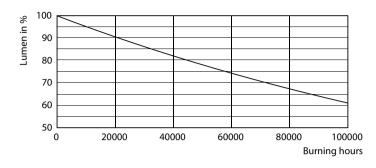


Spectral Power Distribution Colour

Lifetime







Lumen Maintenance Diagram



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