



Project:	Date:
Prepared by:	Notes:

# LED MagicFIT TUBE

By **JaMES**

## Product Description:

The LED MagicFit tube can work with specific T8 instant-start, rapid-start, programmed-start, dimming-start ballasts and existing emergency battery backup equipment. MagicFit also works with some magnetic ballasts.

## Features:

- The LED MagicFit tube is a fantastic direct replacement “plug and play” tube
- Compatible with over 90 percent of all North American electronic ballasts
- Glass-free for use in food areas and refrigerated food displays
- Input voltage up to AC100-277V/347V with ballast
- Wide 240 Degrees Beam Angle
- No UV emission
- Suitable for damp or dry environments
- UL, DLC, NSF Qualified
- Globally Patented Technology
- T8 aluminum housing with plastic lens
- 5 Year Manufacturer’s Warranty  
-Optional 10 Year Warranty available



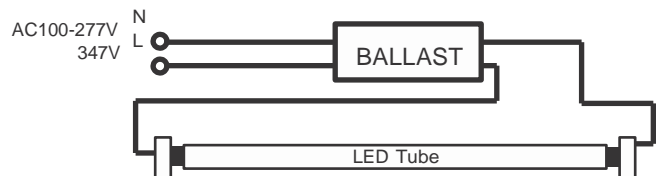
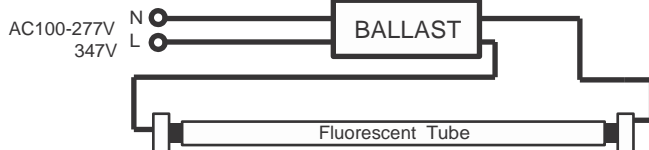
## Common Technical Data:

Color Temperature	2700K to 5000K
Beam Angle	300 Degrees
Color Consistency	4 Steps
CRI	> 80
Operation Temperature	-30°C to 40°C
Efficiency with ballast	More than 120 LPW
Input Voltage with ballast	100-277VAC, 347 V
Frequency	50-60Hz
Power Factor	More than 0.99
Rated Life	50,000 hours
LED Type	SMT2835
Housing	Aluminum

## Installation Instructions:

### “Plug and Play” Procedure

1. Turn off the Power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Put LED tube into the lighting fixture.



5. Install the LED tubes and close the diffuser.
6. Turn on the Power.

[www.axisledlights.com](http://www.axisledlights.com)

Contact your Regional Account Manager  
Office: 614.633.7955  
[contact@axisledlights.com](mailto:contact@axisledlights.com)

Home of the Patriot Tube!!



AXIS LED GROUP, LLC  
US Regional Office  
Dublin, OHIO

Warehouses Located in:  
Chicago, Dallas, Detroit,  
El Paso, Los Angeles,  
and Philadelphia



# LED MagicFIT TUBE

## Product Specification:

PRODUCT NUMBER	LENGTH (FT)	COLOR	BARE LAMP (Watt)	AVERAGE SYSTEM WATTS (W)			AVERAGE SYSTEM LUMENS			PACKAGE (cm)		WEIGHT (kg)
				Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)	Low Ballast Factor (0.78)	Norm Ballast Factor (0.88)	High Ballast Factor (1.10)			
BT816W4FT	4FT	3500K	16W	16.5	18.5	25.8	1950	2250	2820	126X22X25	42pcs/Carton	13kg/Carton
BT816W4FT	4FT	4000K	16W	16.5	18.5	25.8	1950	2250	2820	126X22X25	42pcs/Carton	13kg/Carton
BT816W4FT	4FT	5000K	16W	16.5	18.5	25.8	1950	2250	2820	126X22X25	42pcs/Carton	13kg/Carton
BT814W4FT	4FT	3500K	14W	15.2	16.5	23.2	1650	1860	2750	126X22X25	42pcs/Carton	13kg/Carton
BT814W4FT	4FT	4000K	14W	15.2	16.5	23.2	1650	1860	2750	126X22X25	42pcs/Carton	13kg/Carton
BT814W4FT	4FT	5000K	14W	15.2	16.5	23.2	1650	1860	2750	126X22X25	42pcs/Carton	13kg/Carton
BT812W4FT	4FT	3500K	12W	12.8	14.5	18.6	1350	1720	2200	126X22X25	42pcs/Carton	13kg/Carton
BT812W4FT	4FT	4000K	12W	12.8	14.5	18.6	1350	1720	2200	126X22X25	42pcs/Carton	13kg/Carton
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BT812W2FT	2FT	3500K	12W	12.8	14.5	18.6	1350	1720	2200	126X22X25	42pcs/Carton	13kg/Carton
BT812W2FT	2FT	4000K	12W	12.8	14.5	18.6	1350	1720	2200	126X22X25	42pcs/Carton	13kg/Carton
BT812W2FT	2FT	5000K	12W	12.8	14.5	18.6	1350	1720	2200	126X22X25	42pcs/Carton	13kg/Carton

## Ordering Guide:

B	T8	12W/14W/16W	4FT/2FT	3000K-5000K
Company Code	Housing Type	Wattage	Length	CCT

## Warranty:

This product has a warranty for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper installation, tampering, or removal of the Q.C. date label. Installation in an improper working environment or installation not according to the current edition of the National Electric Code also invalidates the warranty. Should this product fail during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. ALG does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is an addition to the statutory rights in the country of purchase. ALG reserves the right to alter specifications without prior notice.

## Caution:

- Risk of electric shock.
- Use only in place of fluorescent lamps specified on label.
- These lamps are to be used in damp or dry locations only.
- Not suitable for wet locations.
- If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc), immediately turn off power, remove the lamp from luminaire and contact manufacturer.
- Do not perform a mass installation before testing.

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