

PROJECT:	DATE:
PREPARED BY:	NOTES:

Plug & Play Compatible ballast & direct wire Magic Series

Description

- * Plug & Play Compatible electronic ballast & ballast bypass direct wire
- * Single-End or Double-End Input.
- * Very high power efficiency 130lm/w-170lm/W and high CRI which can reach above 80
- * Built-in aluminum radiator to ensure the stability of LED lamp beads working temperature!
- * Optimum light uniformity and high color homogeneity.
- * Overpower, short and open circuit protected.
- * Long lifetime: 50,000 hours with 3-5 years' warranty.
- * NO noise, NO flicker, NO UV and IR.
- * Mercury-free and RoHS compliant.
- * Comply with CE, FCC and UL standards.
- * Fire - resisting sleeves: UL94 V0 level, high temperature resistant, thermal-insulation, inflaming retarding & anti climate aging much prolong tubes life time.



Physical Specifications

Module	EDI-APT8-2F09-AB	EDI-APT8-4F12-AB EDI-APT8-4F15-AB EDI-APT8-4F16-AB
Length	600mm/2ft	1200mm/4ft
Weight	130g	250g
Housing	Aluminum Base + PC Cover	
Lens	Milky/Clear	
Tube Diameter	Ellipse 30x26mm	
Base Type	G13/Rotatable/R17D/FA8	
Work Environment	Indoor use (applicable for dry environment)	

Electrical Specifications

Module	EDI-APT8-2F09-AB	EDI-APT8-4F12-AB EDI-APT8-4F15-AB EDI-APT8-4F16-AB
LED Quantity	48 / 60 LED	96 /120 LED
Power Consumption	9W±1W	12W/15W/18W±1W
Input Voltage	85~265VAC/100-277VAC (Single-End or Double-End Input)	
Driver	Internal driver	
Power Factor	>0.95	
Light Source	SMD2835	
Operation Temperature	-20~40 °C	

Optical Specifications

Module	EDI-APT8-2F09-AB	EDI-APT8-4F12-AB EDI-APT8-4F15-AB EDI-APT8-4F16-AB
Power Consumption	9W±1W	12W/15W/18W±1W
Lumens	Clear	1215lm
	Milky	1170lm
Luminous Efficiency	Clear	135lm/w
	Milky	130lm/w
Certificate	UL DLC	
	Warm White: 2800K-3200K	
	Natural White: 3800K-4200K 4700K-5300K	
Color Temperature	Cool White: 5700K-6200K	
CRI	>80	
Beam Angle	120 Degree	

CAUTION

- Risk of electric shock;

REMARK

- All of the mechanical, electrical and light characteristics in this document are typical value.

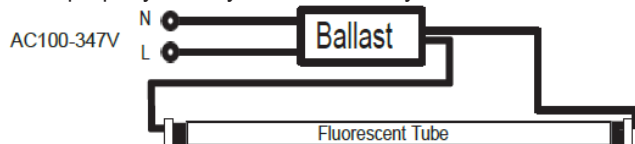
WARRANTY

This product has a warranty of period of 3-5 years from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering or removal of the Q.C. and/or date label, usage in improper working environment or installation not according to the current edition of the National Electric Code. 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. Manufacturer does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. Manufacturer reserves the right to alter specifications without prior notice.

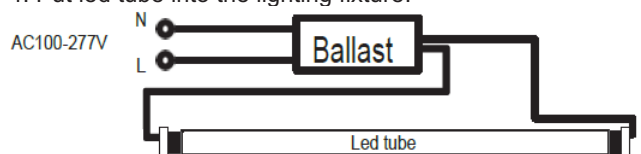
Installation Guide

“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.



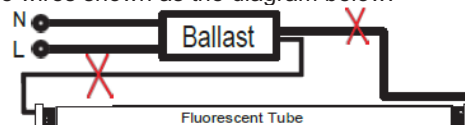
4. Put led tube into the lighting fixture.



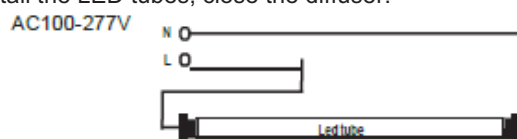
5. Install the LED tubes, close the diffuser.
6. Turn on the Power.

Retrofit procedure

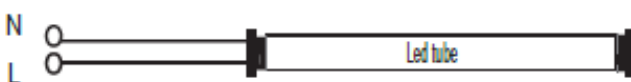
1. Turn off the power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury.
4. Cut the wires shown as the diagram below.



5. Make the new wire connect to branch circuit shown as the diagram below.
6. Replace the cover over the wiring channel.
7. Install the LED tubes, close the diffuser.



AC100-277V



8. Turn on the Power.