

PROJECT:	DATE:
PREPARED BY:	NOTES:

Ballast bypass single-end direct wire Series

Description

- * Ballast bypass single-end direct wire
- * 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	APT8-4F12-B APT8-4F15-B APT8-4F18-B	APT8-6F27-A APT8-6F27-B	APT8-8F36-A APT8-8F36-B
Length	1200mm/4ft	1800mm/6ft	2400mm/8ft
Weight	250g	375g	500g
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	APT8-4F12-B APT8-4F15-B APT8-4F18-B	APT8-6F27-A APT8-6F27-B	APT8-8F36-A APT8-8F36-B
LED Quantity	96 LED	150 LED	192 LED
Power Consumption	12/15/18 ± 1W	27W ± 1W	36W ± 1W
Input Voltage	85~265VAC/100-277VAC (Single-End)		
Driver	Internal driver		
Power Factor	>0.95		
Light Source	SMD2835		
Operation Temperature	-20~40 °C		

Electrical Specifications

Module		APT8-4F12-B APT8-4F15-B APT8-4F18-B	APT8-6F27-A APT8-6F27-B	APT8-8F36-A APT8-8F36-B
Power Consumption		12/15/18 ± 1W	27W±1W	36W±1W
Lumens	Clear	1850/2025/2430lm	3645lm	4860lm
	Milky	1800/1950/2340lm	3510lm	4680lm
Luminous Efficiency	Clear	155/135/135lm/w	135lm/w	135lm/w
	Milky	150/130/130lm/w	130lm/w	130lm/w
Certificate	UL DLC			
Color Temperature	Warm White: 2800K-3200K			
	Natural White: 3800K-4200K 4700K-5300K			
	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.

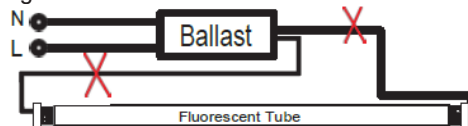
WARRANTY

This product has a warranty 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. If this product fails during the warranty period, it will be replaced free of charge, subject to correct installation and return of the faulty unit. ALI does not take 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. ALI reserves the right to alter specifications without prior notice.

Installation Guide

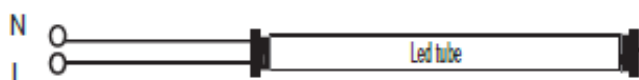
Retrofit procedure

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.