

FASTFIT™ T8 A2 Series

Ballast Compatible / Ballast Bypass



SPECIFICATION FEATURES & BENEFITS

- ▶ High efficiency, DLC listed lamp for new installation and troffer retrofit in a wide range of residential, commercial and industrial applications.
- ▶ Dual mode UL Type A / B for installation as ballast compatible or ballast bypass.
- ▶ Lamp efficacies up to 150lm/W provides >60% energy saving over fluorescent lamps.
- ▶ Buy American Act compliant for local, state and federal procurement requirements.
- ▶ Lamps can be wired as line voltage (Type B) using single end or double end connection.



SPECIFICATION SUMMARY

Model:	T82-A2-15	T84-A2-12	T84-A2-15	T84-A2-18	T84-A2-20
DLC Rated Wattage @ 5000K:	15.54	12.0	16.3	18	20.08
DLC Rated Lumens @ 5000K:	1952	1800	2172	2400	2697
LM79 Lumens:	1952	1763	2320	2250	2595.6
LM79 Lms/W:	125.64	138.92	149.49	130.81	124.78
CRI:	81.4	82.1	82.3	82.4	82.1
THD @ 120VAC:	11.14	6.61	3.62	7.68	9.55
Power Factor - Line / Ballast Operation:	≥.96 / ≥.99				
Ballast Compatibility:	Approved Electronic Rapid Start / Instant Start / Programmed Start / Line Voltage Ballast Bypass				
Connection / Lamp Base:	UL Type A & B / Auto Select Single End or Dual End / G13 Bi-pin (Rotatable Option Available)				
CCT Options:	3000K / 3500K / 4000K / 4500 / 5000K				
Lamp Compliance:	DLC V4.1 Linear Replacement Lamp / UL / cUL / NSF / RoHS				
Lamp L70 / L90 Lifespan:	>70,000hrs / >22,000hrs				
Beam Angle / Field Angle	120° / 160°				
Length / Diameter:	23.62in / 1.02in	47.24in / 1.02in			
Weight:	6.5oz. / 185g	13oz. / 370g			
Operation Temperature:	-10°C to +50°C Ambient				
Limited Warranty:	5 Year Standard Warranty/10 Year Optional Extended Warranty				

Notes: All values are nominal unless noted.

BALLAST OPERATION

Model Number	Length	Test Sample Color	Nomial Wattage @120VAC	Average System Watts			Average System Initial Lumens		
				Ballast Factor 0.78	Ballast Factor 0.88	Ballast Factor 1.10	Ballast Factor 0.78	Ballast Factor 0.88	Ballast Factor 1.10
FF-T84-A2-12	4	4000K	12	12.5	15.5	16.5	1350	1700	1850
FF-T84-A2-15	4	4000K	15	14.2	16.5	17.8	1650	1860	1950
FF-T84-A2-18	4	4000K	18	16.8	20.7	23.5	1700	2200	2450
FF-T84-A2-20	4	4000K	20	18.2	28.5	25.6	1850	2450	2550

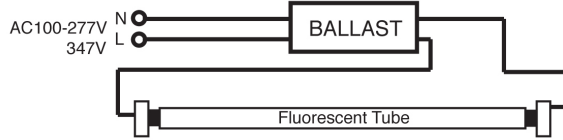


T8 A2 Series

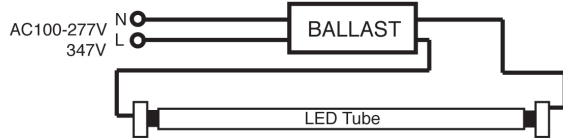
Ballast Compatible / Ballast Bypass

“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.

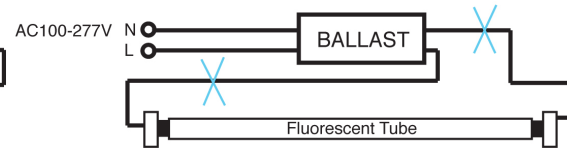


5. Install the LED tubes and close the diffuser.
6. Turn on the Power.

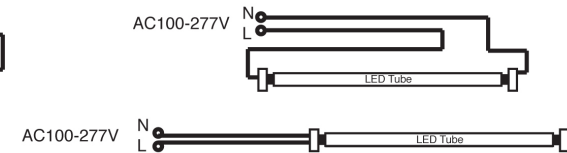
- * For one ballast by three fluorescent tube fixtures, install at least two ballast compatible tubes.
- * For one ballast by four fluorescent tube fixtures, install at least three ballast compatible tubes.

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 wires as shown on the diagram below:



5. Make the new wire connect to branch circuit as shown on the diagram below:



6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Turn on the Power.

WARNING - RISK OF ELECTRICAL SHOCK

READ AND FOLLOW ALL SAFETY INSTRUCTIONS. Refer to eTech FastFit A2 Series Installation Sheet for additional product installation precautions and ballast compatibility information.

This lamp is UL listed for installation in existing luminaires as UL Type A/B using G13 Bi-pin sockets. To ensure safety and rated lifespan, this product must be installed according to these instructions. Do not use this equipment for other than the intended use.



Model	Product Dimensions	Psc. / Carton	G.W. / Carton	Carton Size
FF-T82	23.62in x 1.02in	30	7kg	65x22x25cm
FF-T84	47.24in x 1.02in	30	10.2kg	126x22x25cm

PART NUMBER SPECIFICATION

Part Number Example: FF-T84-A2-12-30

FF -	-	-	-	- BAA
Series	Length / Series	Nominal Wattage	CCT Option	BAA Compliance
FASTFIT	T82 - A2 (2ft)	15 (15 Watts)	30 (3000K) 35 (3500K) 40 (4000K) 45 (4500K) 50 (5000K)	BAA (Buy American Act Compliant)
	T84 - A2 (4ft)	12 (12 Watts) 15 (15 Watts) 18 (18 Watts) 20 (20 Watts)		

PROJECT SPECIFICATION

Project:	Part Numbers:	Quantity:
Approved:		
Date:		