








ATG Type B Double Bypass T8 LED Lamps have been designed and engineered for demanding commercial applications. The lamp's coated glass diffusing tube and compact light engine produce 325° of evenly diffused light. The micro-designed driver allows for a smaller end cap and end-to-end lighting with no dark spots.

Project Details		Type
Project:		
Product:		
Prepared by:		
Notes:		

Product Highlights
<ul style="list-style-type: none"> <li>• 32W fluorescent replacement</li> <li>• Wide beam 325° light emitting area</li> <li>• Suitable for use in enclosed fixtures and damp locations</li> <li>• With diffusion coating, will maintain the same light quality over time and will not yellow, shrink or wrinkle</li> <li>• Double/single ended bypass installation. Cut ballast out, and wire the sockets to line voltage</li> <li>• Instant on. No warm-up time. Full brightness instantly.</li> </ul>

Certifications and Compatibilities
    

Product Specs
Luminous efficacy is 125- 130Lm/W. Luminaire lifespan is rated at 50,000 hours. Standard input voltage is 120-277, within the built in micro driver.
<b>Optics</b> The lamp's coated glass diffusing tube and compact light engine produce a wide beam 325° of evenly diffused light.
<b>Certifications/Listings</b> <ul style="list-style-type: none"> <li>• UL</li> <li>• NSF</li> <li>• RoHS</li> <li>• FCC</li> </ul>

Product Specs	
Power (W)	14, 17
Input Voltage (VAC)	120-277, 50/60 Hz
CRI	80
CCT(K)	*3,000, *3,500, 4,000, 5,000
L70 (Hours)	50,000
Base	G13
Color	White
Housing	Shatter proof glass
Lens	Glass diffuser, 325° light emitting area, 160° beam angle
Warranty	5 Years
Operating Temperature	-4(-20°F) to °C 113°C(45°F)
Installation Type	UL Type B, Double/Single Ended Bypass
Length	4ft

\*special order, for more details contact a ATG sales rep  
 ‡see website for warranty terms

Performance Chart											
Model Number	Wattage	Lumens	CCT	CRI	Efficacy	Angle	PF	THD	Instant Shipping	Listing	
T8F4S-14-830-BD	14	1750LM	3000K	82	125 LPW	160°	0.9	20%	No	UL/DLC/RoHS	
T8F4S-14-835-BD	14	1750LM	3500K	82	125 LPW	160°	0.9	20%	No	UL/DLC/RoHS	
T8F4S-14-840-BD	14	1800LM	4000K	82	129 LPW	160°	0.9	20%	Yes	UL/DLC/RoHS	
T8F4S-14-850-BD	14	1800LM	5000K	82	129 LPW	160°	0.9	20%	Yes	UL/DLC/RoHS	
T8F4S-17-830-BD	17	2100LM	3000K	82	124 LPW	160°	0.9	20%	No	UL/DLC/RoHS	
T8F4S-17-835-BD	17	2100LM	3500K	82	124 LPW	160°	0.9	20%	No	UL/DLC/RoHS	
T8F4S-17-840-BD	17	2200LM	4000K	82	130 LPW	160°	0.9	20%	Yes	UL/DLC/RoHS	
T8F4S-17-850-BD	17	2200LM	5000K	82	130 LPW	160°	0.9	20%	Yes	UL/DLC/RoHS	

## Installation Instructions

**WARNING** - Risk of fire or electric shock. LED Retrofit Kit installation requires knowledge of luminaire electrical systems. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

**WARNING** - Risk of fire or electric shock. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings.

**WARNING** - To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

**WARNING** - Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.

- Disconnect power at the source before installation, inspection or removal. Do not simply switch off fixture.
- This item is rated at 120-277V. Installer must determine whether line voltage 120-277V is available at the luminaire before installation.
- Not intended for use with emergency exit fixtures or emergency exit lights.
- Not for use with luminaire ballast.
- Do not use if product is damaged.
- This lamp is non-dimmable. Not for use with dimmers.
- Suitable for use with non-shunted and shunted lamp holders.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- "This luminaire has been modified where readily visible by the user during normal maintenance including re-lamping.
- Risk of fire or electric shock. Do not open or modify. No user serviceable parts inside.
- Installers should not disconnect existing wires from lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wires by employing applicable connectors.
- SUITABLE FOR DAMP LOCATIONS. Suitable for use in wet locations when used in an outdoor-rated fixture. Not for use where directly exposed to the weather or water. Complies with Part 15 of FCC. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received including interference that may cause undesired operation.
- SUITABLE FOR "TYPE IC" OR "TYPE NON-IC" LUMINAIRES.
- No external weight or mechanical force should be applied to tube or components.
- THE RETROFIT ASSEMBLY IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY UL OR AUTHORITIES HAVING JURISDICTION.

