



Dynasty® Non-Ballast LED T8 lamps can be installed to most fluorescent T8 fixtures by cutting off the ballast and rewiring the fixture. They also work with fixtures that do not have ballasts in place. These lamps operate on a 120/240/277 VAC, 50 or 60Hz universal power input. Compared to traditional fluorescent T8 products, these LED T8 lamps will save your energy cost by up to 87%.

Each Dynasty® LED T8 lamp has a 5 year warranty, reducing maintenance and energy costs. These lamps are vibration resistant, energy efficient and have a 60,000 hour lifetime. They contain no hazardous materials and are RoHS compliant. For more Dynasty® lighting products, Look for the Butterfly!

APPLICATIONS

- Schools
- Parking Garages
- Residential Houses
- Retail Stores/Displays
- Commercial/Government Buildings
- Office Buildings

BENEFITS

- Energy efficient
- 5 year warranty
- No fragile glass compared to fluorescent tubes
- Built-in power supply, no external ballast required
- No toxic materials, RoHS compliant
- No UV radiation
- Low carbon footprint
- Full brightness in cold temperatures
- CCT tolerances comply with ANSI C78.377-2008 standard

FEATURES

- No ballast required
- UL 1993 / 1598 certified
- EMC test passed
- Low energy consumption
- 60,000 hour lifetime
- 180° homogenous light output
- No warm up, flicker-free operation
- Fire retardant materials
- Premium aluminum alloy heat sink for better heat dissipation

T-8 NON-BALLAST SERIES





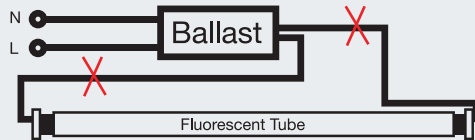
Product #	Description	Base	CCT	Frequency (Hz)	Lumen Output	Power Factor	Certifications	Input Voltage	CRI	Package	Warranty (Years)
33506-30	2 FT, Warm White, 9W	G13	3000K	50/60	1080	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33506-40	2 FT, Bright White, 9W	G13	4000K	50/60	1080	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33506-50	2 FT, Cool White, 9W	G13	5000K	50/60	1080	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33509-30	3 FT, Warm White, 12W	G13	3000K	50/60	1440	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33509-40	3 FT, Bright White, 12W	G13	4000K	50/60	1440	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33509-50	3 FT, Cool White, 12W	G13	5000K	50/60	1440	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33512-30	4 FT, Warm White, 16W	G13	3000K	50/60	2000	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33512-40	4 FT, Bright White, 16W	G13	4000K	50/60	2000	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33512-50	4 FT, Cool White, 16W	G13	5000K	50/60	2000	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33515-30	5 FT, Warm White, 22W	G13	3000K	50/60	2640	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33515-40	5 FT, Bright White, 22W	G13	4000K	50/60	2640	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33515-50	5 FT, Cool White, 22W	G13	5000K	50/60	2640	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33518-30	6 FT, Warm White, 28W	G13	3000K	50/60	3360	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33518-40	6 FT, Bright White, 28W	G13	4000K	50/60	3360	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33518-50	6 FT, Cool White, 28W	G13	5000K	50/60	3360	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33524-30	8 FT, Warm White, 36W	G13	3000K	50/60	4320	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33524-40	8 FT, Bright White, 36W	G13	4000K	50/60	4320	0.90	UL/cUL/ETL	100-277	>80	25pcs	5
33524-50	8 FT, Cool White, 36W	G13	5000K	50/60	4320	0.90	UL/cUL/ETL	100-277	>80	25pcs	5

For a complete list of Dynasty® LED lighting products go to caolighting.com under the Technical Documents section

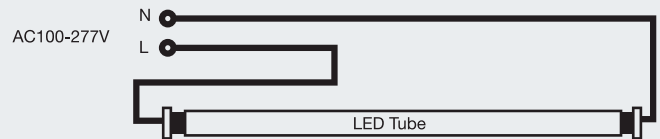
NON-BALLAST T8 INSTALLATION GUIDELINES

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 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, close the diffuser.
8. Turn on the power.



Cautions

- Risk of fire. Do not install Dynasty® T8 LED lamps (lamps thereafter) in pre-heated luminaires.
- Risk of electric shock. Turn off power before installation.
- These lamps are not intended for emergency exit applications.
- These lamps are to be used in indoor, dry and damp locations only.
- Not suitable for wet locations.
- These lamps are not to be used with light dimmers.
- If the lamp or luminaire exhibits any sign of undesirable operation, such as buzzing, flickering, etc, turn off power immediately, remove the lamp from the luminaire and contact the manufacturer.

Please call or visit our website to find a local distributor

CAO LIGHTING, INC.
LED through Innovation™

4628 West Skyhawk Drive, West Jordan, UT 84084-4501
Phone 877.236.4401 Fax 801.256.9287
www.caolighting.com
info@caolighting.com



ISO 9001 CERTIFIED
Patent #6,465,961, #6,634,770, #6,746,885, #7,728,345 and patents pending
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