

Transit Interiors, Inc.
 1975 Joe B. Jackson Pkwy
 Murfreesboro, TN 37127

Tel. (615) 867-8515
 Fax (615) 867-8790
www.PretoriaUSA.com

BALLAST TECHNICAL SPECIFICATION

Ballast Model	BAL-026-XX
Last Spec Sheet Update	12/5/2006
General Description	24Vdc (nominal) Extinguishable Mode electronic ballast for 1 lamp equipped with status indicating LED's
Starting Mode	Filaments are permanently heated; Instant Start
Lamp(s) per Ballast	1
Lamp(s) Compatibility	F24T12, F36T12, F48T12, F60T12, F72T12
Output Efficiency	Minimum of 80% of full lamp output
Minimum Input Voltage	22Vdc
Normal Input Voltage	28Vdc
Maximum Input Voltage	30Vdc
Output at 24V Input	Current 200mA; Filament 3.3Vrms
Operating Temperature Range	-4° F to 131° F / (-20° C to 55° C)
Maximum Current Draw	1.7A (F72T12)
Maximum Output Power	50 Watt
Control Input	Apply > 16V for shut down (filaments remains on)
Output Frequency	65kHz +/- 5kHz
Transients and Over Voltage Protection	Internal Varistor clamp
Over Temperature Protection	Integrated PTC Fuse
Reverse Polarity Protection	Integrated PTC Fuse
Output Short Circuit: 24 Vdc	220mA
Short Circuit Protection	Shut down if any pin loses contact
UL 935 Type CC	Yes
FCC Part 18	Yes
Environmental Protection	Conformal coating against air pollution, moisture and humidity
Green LED Indicator	Green LED on indicated that the ballast is functioning properly
Red LED Indicator	Red LED on indicates ballast shut down or malfunction
Other Features	5 year warranty, non potted, fire proof (steel or aluminum) housing, repairable, recyclable. radio frequency shielded.

BAL-026

BAL-026 meets the requirements for UL935 Type CC; Test Purpose: To determine that the ballast will not cause a harmful arc.

BAL-026 incorporates a PTC (Positive Temperature Coefficient Resettable fuse) which provides protection for:

Reverse polarity - After correcting polarity, ballast will operate.

Over temperature - At 230 degrees F, the PTC fuse will trip. After cooling off, the input power needs to be re-applied for start.

Specifications are subject to change without notice

Transit Interiors, Inc.
 1975 Joe B. Jackson Pkwy
 Murfreesboro, TN 37127

Tel. (615) 867-8515
 Fax (615) 867-8790
www.PretoriaUSA.com

BALLAST TECHNICAL SPECIFICATION

INPUT CURRENT TABLE

Model / Lamp	F24T12	F36T12	F48T12	F60T12	F72T12
BAL-026	.80A	.95A	1.00A	1.5A	1.65/0.3A *

* Shut down mode, filament drive remains on

BALLAST DIAGNOSIS AND LED INDICATORS

Model	Condition	Red LED	Green LED	Operation
BAL-026	Normal	OFF	ON	N/A
	Extinguished	ON	ON	N/A
	No Light	ON	ON	Remove lamp tube, check lamp ends and sockets for damage, replace both if necessary. Ensure that all 4 pins make good contact.
	Malfunction	ON	OFF	Restart the ballast, if Red LED is still on, try a new lamp tube to ensure that the lamps pre-heat filaments are working, otherwise replace the ballast.

Specifications are subject to change without notice