

C242/347xxx

APPLICATION and PERFORMANCE SPECIFICATION

Description: Electronic compact fluorescent ballast(s) for (2) & (1) CFM42W/GX24q; or (2) FC12T5-40W; or (2) FT36W/2G11; or (2) CFTR32W/GX24q; (2) CFS28W/GR10q; or (2) CFQ/TR26W/GX24q; or (2) FT24W/G11; or (2) FC9T5-22W; or (1) FT55W/2G11; or (1) CFM57W; or (1) CFM70W; or (1&1) FC9T5-22W & FC12T5-40W 4-pin lamps

- Line Voltage: 347vac, $\pm 10\%$, 50-60Hz
- High Power Factor

- Programmed Rapid Start
- Series Lamp Connection

Model	Line Volts	Lamp		Input Watts*	Nominal Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
		Type	#						
C242/347xxx	347	CFM42W	2	80	0.25	.98	> 0.98	< 10%	<1.6
C242/347xxx	347	CFM42W	1	42	0.13	1.00	> 0.98	< 10%	<1.6
C242/347xxx	347	CFM57W	1	61	0.18	1.00	> 0.98	< 10%	<1.6
C242/347xxx	347	CFM70W	1	74	0.21	1.00	> 0.98	< 10%	<1.6
C242/347xxx	347	FC12T5-40W	2	71	0.22	.98	> 0.98	< 10%	<1.6
C242/347xxx	347	FT36W/2G11	2	64	0.19	.90	> 0.98	< 10%	<1.7
C242/347xxx	347	CFTR32W	2	62	0.19	1.00	> 0.98	< 10%	<1.6
C242/347xxx	347	CFS28W	2	60	0.18	1.00	> 0.98	< 10%	<1.6
C242/347xxx	347	CFQ/TR26W	2	44	0.14	1.02	> 0.98	< 10%	<1.6
C242/347xxx	347	FT24W/2G11	2	49	0.14	1.02	> 0.98	< 10%	<1.7
C242/347xxx	347	FT55W/2G11	1	43	0.13	.83	> 0.99	< 10%	<1.7
C242/347xxx	347	FC9T5-22W	2	47	0.14	1.05	> 0.98	< 10%	<1.7
C242/347xxx	347	FC9T5-22W & FC12T5-40W	1 & 1	59	0.18	.98	>0.98	< 10%	<1.7

* ANSI measured wattage; 25°C ambient; benchtop; lamps base up

Performance:

- Meets ANSI Standard C82.11
- Meets FCC Part 18 (Non-Consumer), Limits for EMI/RFI
- Operating Frequency Range: 50-60 kHz
- **Auto-Reset Shutdown Circuit** per NEMA Recommendations
 - Both lamps should be replaced at end of life
 - Lamps relight upon insertion in socket
- Suitable for use in air handling spaces when NEC wiring guidelines are followed

Application:

- Minimum Starting Temperature: 0° F, -18° C
- Maximum Ambient Temperature: 122° F, 50° C
- Maximum Case Temperature (@ t_c): 167° F, 75° C
- Sound Rated: A
- Lead configuration:
 - xxx = ME - Multi-Exit
 - or MES - Multi-Exit with Studs (2" on center)
- Remote Mounting 12 feet

Safety:

- No PCB's
- cUL_{US} Listed

Physical Parameters

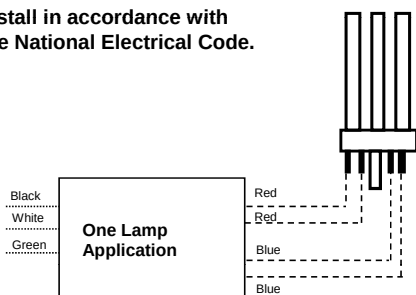
- Overall Length: 4.94"
- Width: 2.98"
- Mounting: 4.61"
- Height: 1.00"
- Weight: 0.9 lbs.
- Qty/Carton: 20
- Color: White
- Can Material: Metal

Warranty:

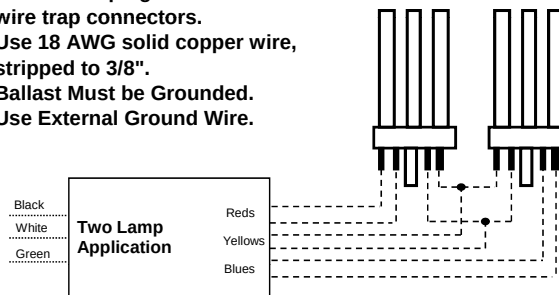
Universal Lighting Technologies warrants to the purchaser that each electronic ballast will be free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

Manufactured in North America

Install in accordance with the National Electrical Code.



Ballast has plug in wire trap connectors. Use 18 AWG solid copper wire, stripped to 3/8". Ballast Must be Grounded. Use External Ground Wire.



"Data is based upon tests performed by Universal Lighting Technologies in a controlled environment and is representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted."