

C242UNVxxx

APPLICATION and PERFORMANCE SPECIFICATION

Description: Electronic compact fluorescent ballast(s) for (2/1)CFM42W/GX24q, (2)FC12T5-40W, (2/1)CFM36W/2G10, (2)CFTR32W/GX24q, (2)CFS28W/GR10q, (2)CFQ/TR26W/GX24q, (2)FT24W/G11, (2)FC9T5-22W, (1)FT55W/2G11, (1&1)FC9T5-22W & FC12T5-40W, (1)CFM57W/GX24q 4-pin lamps, (1)CFM70W/GX24q, (2/1) FT36W/2G11, (2/1) FT40W/2G11

- Line Voltage: 120vac to 277vac, ±10%, 50-60Hz
- High Power Factor

- Programmed Rapid Start
- Series Lamp Connection

Model	Line Volts	Lamp		Input Watts*	Line Amps	Ballast Factor	Power Factor	THD	Crest Factor
		Type	#						
C242UNVxxx	120	CFM42W	2	91	0.76	.98	> 0.98	< 10%	<1.6
	277		2	90	0.32	.98	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM42W	1	45	0.40	1.00	> 0.93	< 10%	<1.6
	277		1	45	0.18	1.00	> 0.93	< 10%	<1.6
C242UNVxxx	120	CFM57W	1	58	0.52	1.00	> 0.98	< 10%	<1.6
	277		1	57	0.21	1.00	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM70W	1	73	0.61	1.00	> 0.98	< 10%	<1.6
	277		1	72	0.27	1.00	> 0.95	< 10%	<1.6
C242UNVxxx	120	FC12T5-40W	2	80	0.65	.98	> 0.98	< 10%	<1.6
	277		2	79	0.29	.98	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFM36W/2G10	2	68	0.57	.90	> 0.95	< 10%	<1.7
	277		2	67	0.25	.90	> 0.95	< 10%	<1.7
C242UNVxxx	120	CFM36W/2G10	1	33	0.28	.98	> 0.99	< 15%	<1.7
	277		1	33	0.14	.98	> 0.90	< 15%	<1.7
C242UNVxxx	120	CFTR32W	2	69	0.58	1.00	> 0.98	< 10%	<1.6
	277		2	67	0.26	1.00	> 0.98	< 10%	<1.6
C242UNVxxx	120	CFS28W	2	64	0.54	1.00	> 0.97	< 10%	<1.6
	277		2	63	0.24	1.00	> 0.97	< 10%	<1.6
C242UNVxxx	120	CFQ/TR26W	2	56	0.46	1.02	> 0.95	< 10%	<1.6
	277		2	55	0.20	1.02	> 0.95	< 10%	<1.6
C242UNVxxx	120	FT36W/2G11	2	64	0.57	.83	> 0.99	< 10%	<1.7
	277		2	64	0.25	.83	> 0.97	< 10%	<1.7
C242UNVxxx	120	FT24W/2G11	2	51	0.43	1.02	> 0.95	< 10%	<1.7
	277		2	50	0.19	1.02	> 0.95	< 10%	<1.7
C242UNVxxx	120	FT55W/2G11	1	46	0.38	.83	> 0.99	< 10%	<1.7
	277		1	46	0.17	.83	> 0.95	< 10%	<1.7
C242UNVxxx	120	FC9T5-22W	2	50	0.42	1.05	> 0.95	< 10%	<1.7
	277		2	50	0.19	1.05	> 0.95	< 10%	<1.7
C242UNVxxx	120	FC9T5-22W & FC12T5-40W	1 & 1	66	0.54	.98	> 0.97	< 10%	<1.7
	277		64	0.24	.98	> 0.97	< 10%	<1.7	
C242UNVxxx	120	FT36W/2G11	1	34	0.29	.88	> 0.99	< 10%	<1.7
	277		1	33	0.14	.88	> 0.90	< 20%	<1.7
C242UNVxxx	120	FT40W/2G11	2	93	0.78	1.00	> 0.99	< 10%	<1.7
	277		2	87	0.34	1.00	> 0.98	< 10%	<1.7
C242UNVxxx	120	FT40W/2G11	1	47	0.40	1.08	> 0.99	< 10%	<1.7
	277		1	47	0.18	1.08	> 0.97	< 10%	<1.7

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

Application and Performance Specification Information Subject to Change without Notification

Performance:

- Meets ANSI Standard C82.11
- Meets FCC Part 18 (Non-Consumer), Limits for EMI/RFI
- Operating Frequency Range: 40-50 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

Safety:

- No PCB's
- cUL_{US} listed (Class P)
 - Type 1 Outdoor, Type CC, Type HL

Application:

- Minimum Starting Temperature: 0° F, -18° 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
- 42W applications also operate on 125VDC input, (+)L (-)N

Physical Parameters

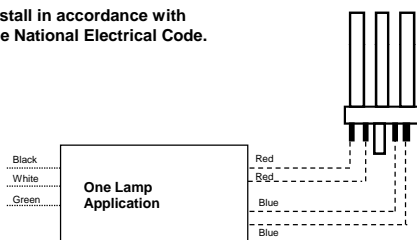
- Overall Length: 4.94"
- Width: 2.98"
- Mounting: 4.61"
- Height: 1.00"
- Weight: 0.9 lbs.
- Qty/Carton: 20
- Color: ME/MES-White
- Can Material: Metal

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.

