

B214PU115S50A

APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency, electronic step-dimming ballast for (2 or 1) F14T5 lamps, (1) F28T5 or (1) F21T5

- Line Voltage: 108vac - 305vac, 50/60Hz
- Series Lamp Operation

- Programmed Rapid Start
- Active Power Factor Correction

*60 Hz data

Lamp		Volts	Power Level	Input Watts	Nominal Line Amps	Ballast Factor	Ballast Efficacy Factor	Power Factor	Harmonic Total	Crest Factor
Type	#									
F14T5	2	120	100%	38	0.33	1.15	3.10	> 95	< 10%	< 1.7
F14T5	2	120	50%	18	0.15	0.40	2.19	> 95	< 15%	< 1.7
F14T5	2	277	100%	37	0.15	1.15	3.11	> 90	< 10%	< 1.7
F14T5	2	277	50%	19	0.08	0.40	2.14	> 85	< 15%	< 1.7
F28T5	1	120	100%	38	0.32	1.15	3.02	> 95	< 10%	< 1.7
F28T5	1	120	50%	19	0.16	0.45	2.37	> 95	< 15%	< 1.7
F28T5	1	277	100%	38	0.15	1.15	3.07	> 90	< 10%	< 1.7
F28T5	1	277	50%	19	0.08	0.43	2.23	> 85	< 15%	< 1.7
F21T5	1	120	100%	29	0.24	1.18	4.09	> 95	< 10%	< 1.7
F21T5	1	120	50%	14	0.12	0.39	2.84	> 95	< 15%	< 1.7
F21T5	1	277	100%	29	0.12	1.18	4.06	> 85	< 15%	< 1.7
F21T5	1	277	50%	14	0.06	0.40	2.75	> 85	< 15%	< 1.7
F14T5	1	120	100%	21	0.17	1.19	5.90	>95	< 15%	< 1.7
F14T5	1	120	50%	10	0.09	0.40	3.74	>95	< 15%	< 1.7
F14T5	1	277	100%	21	0.09	1.19	5.80	>75	< 15%	< 1.7
F14T5	1	277	50%	10	0.05	0.40	3.50	>75	< 15%	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits

Safety:

- No PCB's
- cULus
- (Class P, Type 1 Outdoor, Type HL)
- Type CC
- End of lamp life protection w/ auto-restart

Application:

- Minimum Starting Temperature: 50° F, 10° C
- Maximum Ambient Temperature: 104° F, 40° C
- Maximum Case Temperature [at t_c]: 167° F, 75° C
- Sound Rated: A
- Remote Mounting: 8 ft. max. lead length, 18 AWG
- Tandem Wiring: Not Recommended

Physical Parameters

- Length: 9.50"
- Mounting: 8.89"
- Width: 1.70"
- Height: 1.18"
- Weight: 1.70 lbs
- Lead Length:
 - Blk, Wht, Blk/Wht 25" (+/-1")
 - Red, Blue 33" (+/-1")
 - Yellow 47" (+/-1")

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.

Manufactured in North America

