



# **B214PUNVSV3-D**

# APPLICATION and PERFORMANCE SPECIFICATION

Description: High frequency dimming electronic ballast for (2) F14T5 lamps

Line voltage: 120vac to 277vac, ±10%, 50-60Hz
 Auto Reset End of Lamp Life Shutdown Circuitry

• Series lamp operation

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• Active power factor correction

Lamp			Max/Min		Min Start	Full Bright			
Туре	Qty	Input Voltage	Ballast Factor	Input Power [Watts]	Temp °F/°C	Line Current [Amps]	Max Thd [%]	Crest Factor	BEF
F14T5	2	120	1.00/.03	32/10	50/10	.27	<12	< 1.7	3.13
F14T5	2	277	1.00/.03	32/10	50/10	.12	<10	< 1.7	3.13

Data taken at 100% Light Level unless otherwise noted.

Application and operation performance specification information subject to change without notification.

#### Performance:

- Meets ANSI Standard C82.11
- Meets ANSI Standard C62.41
- Meets FCC Part 18 for EMI and RFI

Non-Consumer Limits

## Application:

Minimum starting temperature: 50°F (10°C)
 Maximum case temperature: 167 °F (75 °C)

· Sound rating: Class A

• Remote mounting: 2 ft.

· Line voltage protection for control circuit

• Dimming range: 100% to 3% light output

· Line voltage protection for control circuit

Maximum lead lengths: Yel: 4 ft

Red: 6 ft Blue: 6 ft

# Safety:

- No PCB's
- cUL<sub>US</sub> LISTED

(Class P, Type 1 Outdoor, Type CC)

#### **Physical Parameters:**

Overall length: 16.88"
 Mounting length: 16.28"
 Width: 1.18"
 Height: 1.00"
 Weight: 1.25 lbs
 Carton Quantity 10

• Please review the SuperDim Application Notes at

http://www.universalballast.com/techSupport/application-notes/superdim/index.html

## Warrantv

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.

## **Dimming Control Specifications:**

- 10 to 0 vDC Voltage Control
- 10v = maximum output0v = minimum output
- Can be wired as Class 1 or Class 2 Circuit
- Ballast will source a maximum of 250uA for control needs
- Built-in line voltage protection circuit: Deep-dimming condition when line voltage is applied to control leads

# Manufactured in North America

Ballast must be grounded in accordance with national and local electrical codes

## Control Wiring

- Use Purple (+) & Gray (-) for connection to 0-10vDC.
- Ballast protected if line voltage is applied.
- Wiring Purple & Gray together provides 3% light output.
- Capping Purple & Gray separately provides 100% light output.

