

# B128PUNVDV1

## APPLICATION and PERFORMANCE SPECIFICATION

**Description:** High frequency dimming electronic ballast for (1) 28W T5 lamp  
Secondary Application: (1) F21T5 lamps

- Line voltage: 120vac to 277vac, ±10%, 50-60Hz
- Auto Reset End of Lamp Life Shutdown Circuitry
- Programmed rapid start
- Active power factor correction

Ballast Voltage	Lamp		Input Watts Max.	Input Amps Max.	Power Factor	BF	BEF	THD	Crest Factor
	Type	#							
120	F28T5	1	32	0.27	> .98	1.00	3.13	<10%	< 1.7
277	F28T5	1	31	0.11	> .98	1.00	3.23	<10%	< 1.7
120	F21T5	1	25	0.21	> .98	1.00	4.00	<10%	< 1.7
277	F21T5	1	25	0.09	> .98	1.00	4.00	<10%	< 1.7

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

**Safety:**

- No PCB's
- cULus LISTED (Class P, Indoor)

**Application:**

- Minimum starting temperature: 50° F, 10° C
- Minimum dimming temperature: 50° F, 10° C
- Maximum case temperature: 158° F, 70° C
- Sound rating: Class A
- Dimming range: 100% to 1% light output
- Remote mounting: 2 ft.
- Line voltage protection for control circuit

**Physical Parameters:**

- Overall length: 18.00"
- Mounting length: 17.7"
- Width: 1.18"
- Height: 1.18"
- Carton quantity: 25
- Lead entry: End Feed

**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 (3) years from date of manufacture when properly installed and under normal conditions of use. Call **1-800-BALLASTx800** for technical assistance.

**Dimming Control Specifications:**

- Operates as an addressable dimming ballast per DALI specifications
- Control leads: suitable for Class 1 or Class 2 wiring; protected from inadvertent connection to line voltage

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

**Control Wiring**

- Connect DALI control loop to the two locations marked DA
- DALI control loop connections are not polarity sensitive

