


## APPLICATION & PERFORMANCE SPECIFICATION

<b>B295PUNVHE-S</b>	
<b>Description:</b>	High frequency electronic ballast
<b>Primary lamp application:</b>	2xF96T12HOES (95W)
<b>Secondary lamp applications:</b>	1xF96T12HOES-95W, 2/1xF96T12HO, 2/1xF72T12HO, 2/1xF60T12HO, 2/1xF48T12HO



<b>Features</b>	
<ul style="list-style-type: none"> <li>• Line voltage: 108 - 305 VAC, 50/60Hz</li> <li>• Series Lamp Operation</li> </ul>	<ul style="list-style-type: none"> <li>• Programmed Start</li> <li>• Active Power Factor Correction</li> </ul>

<b>Performance</b>									
Lamp		Volts:	Input Watts:	Nominal Line Amps	Power Factor	Ballast Factor	Ballast Efficacy Factor	Harmonic Total	Crest Factor
Type	Qty								
F96T12HOES-95W	2	120	170	1.45	> 0.98	0.88	0.52	< 10%	<1.7
		277	167	0.61	> 0.98	0.88	0.53	< 10%	
F96T12HOES-95W	1	120	87	0.73	> 0.98	0.92	1.06	< 10%	<1.7
		277	87	0.32	> 0.95	0.92	1.06	< 10%	
F96T12HO	2	120	204	1.72	> 0.98	0.88	0.43	< 10%	<1.7
		277	197	0.72	> 0.98	0.88	0.45	< 10%	
F96T12HO	1	120	104	0.88	> 0.98	0.92	0.88	< 10%	<1.7
		277	103	0.38	> 0.95	0.92	0.89	< 10%	
F72T12HO	2	120	157	1.34	> 0.98	0.88	0.56	< 10%	<1.7
		277	155	0.57	> 0.98	0.88	0.57	< 10%	
F72T12HO	1	120	83	0.70	> 0.98	0.92	1.11	< 10%	<1.7
		277	83	0.31	> 0.95	0.92	1.11	< 10%	
F60T12HO	2	120	127	1.08	> 0.98	0.89	0.70	< 10%	<1.7
		277	126	0.47	> 0.95	0.89	0.71	< 10%	
F60T12HO	1	120	67	0.56	> 0.98	0.92	1.37	< 10%	<1.7
		277	67	0.26	> 0.92	0.92	1.37	< 10%	
F48T12HO	2	120	105	0.88	> 0.98	0.90	0.86	< 10%	<1.7
		277	104	0.39	> 0.95	0.90	0.87	< 10%	
F48T12HO	1	120	55	0.46	> 0.98	0.93	1.69	< 10%	<1.7
		277	55	0.22	> 0.90	0.93	1.69	< 12%	

Application and performance specification information subject to change without notification.

# B295PUNVHE-S

## Standards, Listings and Compliance

- cUL<sub>US</sub> Listed
  - Class P, Type 1 Outdoor, Type HL, Type CC
- FCC CFR 47 Part 18 for EMI and RFI non-consumer limits
- ANSI Standard C82.11
- ANSI Standard C62.41
- Sound Rated: Class A
- Contains no PCB's
- Antistriation Circuitry

## Application

- Minimum starting temperature:
  - 0°F/-18°C
  - With no remote mounting: -20°F/-29°C
  - With Energy Saving lamps: 60°F/16°C
- Maximum case temperature at t<sub>c</sub>: 167°F/75°C
- Remote mounting: 15' full wattage lamps, 6' ES lamps

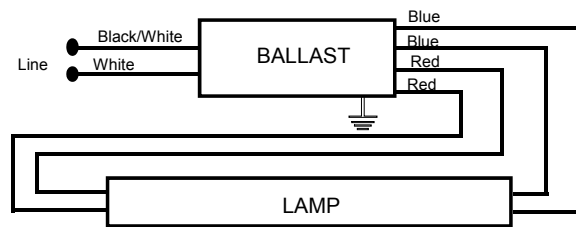
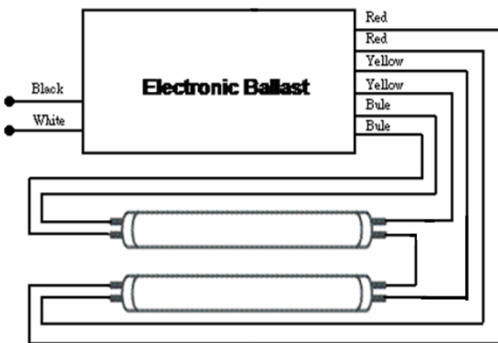
## Dimensions

- Overall length: 11.75"
- Overall width: 1.7"
- Overall height: 1.2"
- Mounting Length: 11.2"
- Weight: 2.0-lb

## Leads (± 1")

- |                | 010C, 000I, 810C |
|----------------|------------------|
| • Black, White | 25"              |
| • Red, Blue    | 46"              |
| • Yellow       | 70"              |

## Connections

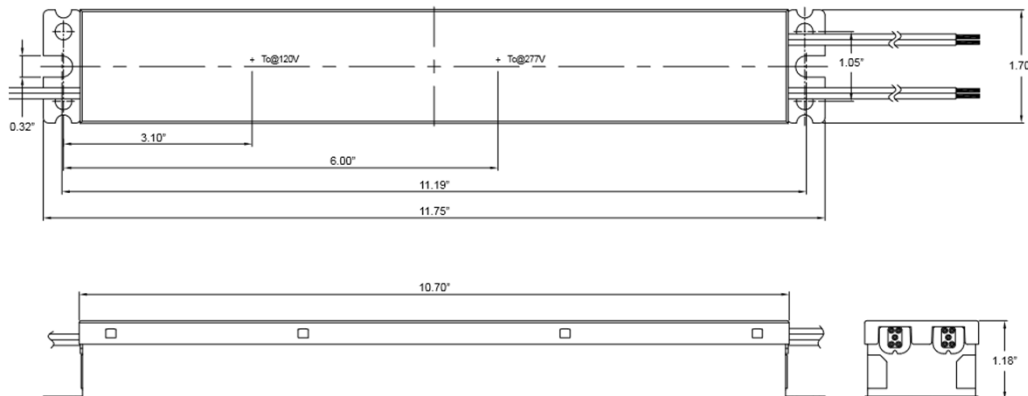


For one lamp operation, individually cap yellow leads, insulate to 600V.

**Yellow leads must be connected to the plunger end of the fixture.**

Ballast must be grounded – a star washer or other paint penetrating device is required  
 Ballast must be installed in accordance with national and local electrical codes  
 Manufactured in China

## Dimensions



## 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 at a maximum case temperature of 75°C.

Call 1-800-BALLASTx800 for technical assistance.