



Design, engineering, and manufacturing of electronic products

**T8 Multi-Watt High Performance Ballast**

Item Number	Lamp Type	Number of Lamps	Lamp Current (mA)	Ballast Factor	Input Current	Input Wattage	Max THD %	Power Factor
E-1E-NNP-1-30	17W	1	220	1.04	0.14	16.5	<10	>0.97
E-1E-NNP-1-30	25W	1	210	0.92	0.20	23.6	<10	>0.97
E-1E-NNP-1-30	32W	1	180	0.95	0.25	30.3	<10	>0.97
E-1E-NNP-1-30	40W	1	165	0.92	0.30	35.5	<10	>0.97

**Specifications Continued**

**Start Class:**  
Modified Rapid Start

**Supply Voltage:** 120VAC

**Supply Frequency:** 50/60Hz

**Input Power Factor:** >=0.97

**THD:** <10%

**Min Starting Temp:** 32 F (0 C)

**Max Case Temp:** 149 F (65 C)

**Lamp Frequency:** >40 kHz

**Lamp Crest Factor:** <1.7

**Thermal Protection:**  
Inherent UL Class P

**Lamp End-of-Life**  
Shutdown on No Lamp  
Lamp Fail-to-Strike

**Agency Compliance:** UL, CUL

**Compliance:** ANSI C62.41, FCC, CFR47, Part 18, Class A

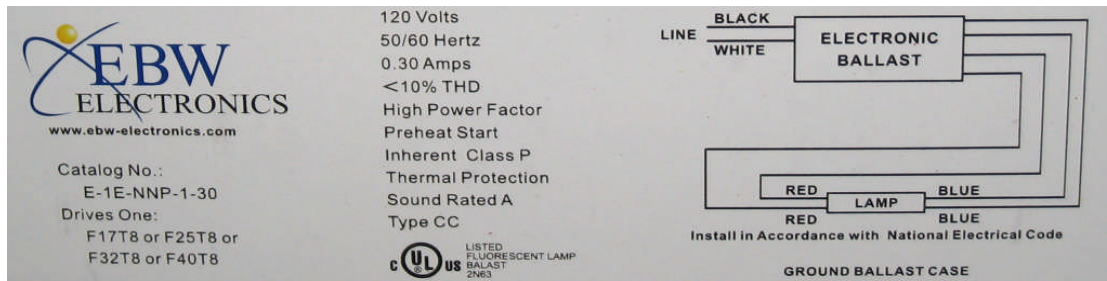
**Sound Rating:** Sound Rated A

**Enclosure:** Metal Case

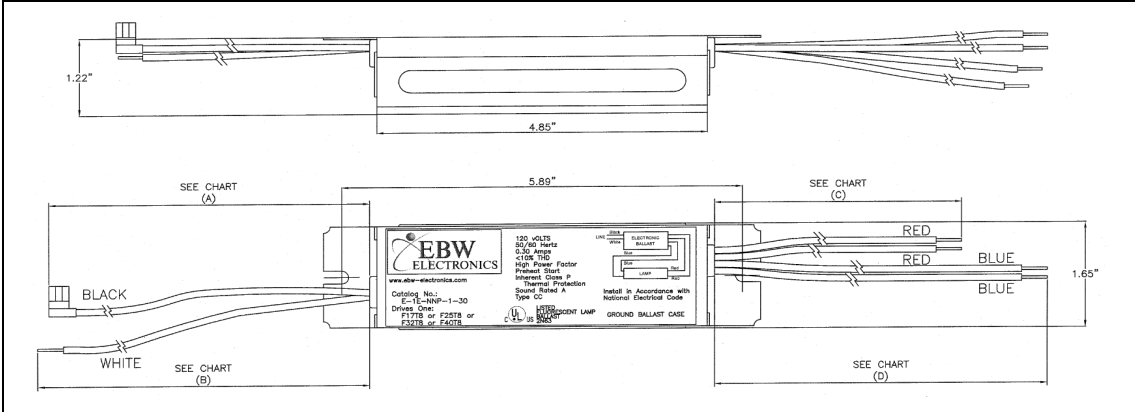
**Dimensions:**  
1.25" Ht x 1.75" W x 6.23" L  
6" Mount

**Termination:** 18 AWG Wires

**Wiring Diagram**



**Ballast Drawing**



**Available Wire Lengths**

Mfg P/N	Recommended for lamps	Black	White	Red	Blue
04852-03	17W	13.00"	11.00"	21.00"	33.00"
04852-02	25W	13.00"	11.00"	33.00"	23.00"
04852-01	32/40W	13.00"	11.00"	50.00"	29.00"

**Ballast Product Lines**

T8 Multi-Watt High Performance

T8 Multi-Watt HPF Dimming

T8 Single Lamp Dimming

T8 Mini HPF (.63" Ht)

T8 15W Full Output

T8 Multi-Lamp; 2 & 4 Lamp

T5 LPF; 1 & 2 Lamp

T2 Mini High Performance w/EOL

CFL (PL); 1 & 2 Lamp

Circle Tube; 1 & 2 Lamp

**T8 Multi-Watt HPF Ballast Picture**



**Ordering Information**

The T8 Multi-Watt High Performance Ballast is available from stock in all three wire lengths. Call Customer Service at 1-800-787-0575 ext 12 for additional assistance, to request samples or place an order.

**Engineering Notes:**

- Ballast Factor based on lamp current.
- Ballast life is not guaranteed if operated above this temperature.

Rev A Last Modified: 7 February 2006

Release date: 7 February 2006

Data is based on testing carried out by EBW Electronics and/or their partners in a controlled environment. Actual performance may vary due to differences in the operating environment or application in which the ballast is used. Specifications may vary slightly and EBW Electronics has the right to change them at any time without notice.