

**202-B-TC-P**

**Application and Performance Specifications**

**Description:** Electromagnetic ballast for (1) fluorescent lamp as indicated below:

- Line Voltage: 120 vac, + 5%, - 10%, 60Hz
- Low Power Factor
- Preheat Start

Typical Performance Data								
Lamp		Input Current ( Amps )	Input Power ( Watts )	Power Factor	Ballast Factor	Ballast Efficacy Factor	T.H.D. %	Crest Factor
Type	#							
<b>F40T12ES</b>	<b>1</b>	<b>0.68</b>	<b>37</b>	<b>&lt; .60</b>	<b>.82</b>	<b>2.22</b>	<b>&lt; 10</b>	<b>&lt; 1.9</b>
FC12T9	1	0.67	37	< .60	.91	2.44	< 10	< 1.7
F40T12	1	0.6	39	< .60	.77	1.99	< 10	< 1.7
F40T10	1	0.56	38	< .60	.77	2.05	< 20	< 1.7
F30T8	1	0.62	37	< .60	.97	2.62	< 10	< 1.7
F30T12	1	0.68	37	< .60	.85	2.28	< 10	< 1.7
*F282D/GR8	1	0.61	36	< .60	.95	2.69	< 20	< 1.7

Application and Performance Specification Information Subject to Change without Notification.

**Performance:**

- Designed in accordance with ANSI C82.1
- Compatible with PLC and IR systems
- Lag type circuit

**Application:**

- Minimum Starting Temperature: 60° F, 15° C for *Energy Savings (34w) lamps*; 50° F, 10° C for other lamps
- Maximum Ballast Case Temperature not to exceed 90° C
- Sound Rated: A
- Remote Mounting: 20 feet with minimum 18 AWG ( refer to TechNote # 7b for other wire sizes / lengths )

**Note:** External or integral / lamp starter required

**Safety**

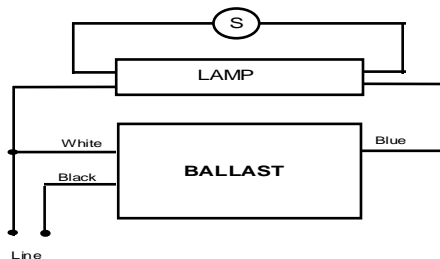
- No PCB's
- UL listed (Class P, Indoor and Type 1 Outdoor, HL)
- CSA Certified

**Mechanical:**

- Length: 6 7/16"
- Width: 1 7/8"
- Height: 1 1/2 "
- Lead Length ( inches, ± 1 ):
  - Black 8
  - White 27
  - Blue 26
- Weight: 1.9 lbs.

**Manufactured in North America**

\* 2 Pin lamp with integral starter



**Ballast must be grounded. Install in accordance with National Electric Code.**