### Programme-Start Linear Normal Light Output Series

<table>
<thead>
<tr>
<th>Lamp Data</th>
<th>Min. Starting Temp. (F/C)</th>
<th>Input Volts</th>
<th>Catalog Number</th>
<th>Certifications</th>
<th>Line Current (Amps)</th>
<th>Input Power ANSI (Watts)</th>
<th>Ballast Factor max/min</th>
<th>Max. THD % At Full Light Output</th>
<th>Min. Power Factor</th>
<th>Dim./Wiring Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>F25T8, FB025T8:</strong> Length = 3 ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>25</td>
<td>50/10</td>
<td>120</td>
<td>REZ-1S32</td>
<td>✓ ✓</td>
<td>0.26</td>
<td>30-8</td>
<td>1.05-0.05</td>
<td>10</td>
<td>0.98</td>
</tr>
<tr>
<td>2</td>
<td>25</td>
<td>50/10</td>
<td>120</td>
<td>REZ-2S32</td>
<td>✓ ✓</td>
<td>0.50</td>
<td>59-14</td>
<td>1.05-0.05</td>
<td>10</td>
<td>0.99</td>
</tr>
<tr>
<td>3</td>
<td>25</td>
<td>50/10</td>
<td>120</td>
<td>REZ-3S32</td>
<td>✓ ✓</td>
<td>0.74</td>
<td>87-18</td>
<td>1.05-0.05</td>
<td>10</td>
<td>0.99</td>
</tr>
<tr>
<td><strong>F32T8, FB032T8 &amp; F32T8/U:</strong> Length = 4 ft.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>32</td>
<td>50/10</td>
<td>120</td>
<td>REZ-1S32</td>
<td>✓ ✓</td>
<td>0.30</td>
<td>35-9</td>
<td>1.00/0.05</td>
<td>10</td>
<td>0.99</td>
</tr>
<tr>
<td>2</td>
<td>32</td>
<td>50/10</td>
<td>120</td>
<td>REZ-2S32</td>
<td>✓ ✓</td>
<td>0.60</td>
<td>70-16</td>
<td>1.00/0.05</td>
<td>10</td>
<td>0.99</td>
</tr>
<tr>
<td>3</td>
<td>32</td>
<td>50/10</td>
<td>120</td>
<td>REZ-3S32</td>
<td>✓ ✓</td>
<td>0.88</td>
<td>104-20</td>
<td>1.00/0.05</td>
<td>10</td>
<td>0.99</td>
</tr>
</tbody>
</table>

Use with compatible line voltage controls only.

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**Mark X 1200 Dimmer**

**Mark X 500W Dimmer**

**Only use Rapid-Start sockets**

Mark X Dimmer Specification
- Control Type: On/Off Slider
- Dimming Control Signal: Modified Powerline Phase Cut
- Mounting Requirements: Standard Wallbox
- UL Listing and CSA Approved
- ANSI C62.41 Category A transient voltage protection
- Operate from a nominal line voltage of (120, 277) with a variation of +/- 10%, 60Hz

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Catalog Number</th>
<th>Single Gang (Watts)</th>
<th>Double Gang (Watts)</th>
<th>Maximum Input Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V, 60Hz</td>
<td>REZ-C500-I</td>
<td>500W</td>
<td>400W</td>
<td>4.2A</td>
</tr>
<tr>
<td>277V, 60Hz</td>
<td>VEZ-C500-I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120V, 60Hz</td>
<td>REZ-000-I</td>
<td>1200W</td>
<td></td>
<td>10.6A</td>
</tr>
<tr>
<td>277V, 60Hz</td>
<td>VEZ-000-I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

"I" designates ivory color.

All dimmers are 3-way controls. Cap 1 black lead to convert 3-way into single pole dimmer.

Refer to pages 208 to 215 for lead lengths and shipping data

Refer to page 61 for a list of compatible control manufacturers.
ORDERING INFORMATION

How to Order
Advance Transformer has developed the industry's broadest distribution system for electronic ballasts. More than 3000 stocking distributors nationwide. For information on the distributor best able to serve your needs, please call 800-372-3331.

Electronic CFL Ballast Part Number Breakdown

<table>
<thead>
<tr>
<th>I</th>
<th>CF</th>
<th>S</th>
<th>26</th>
<th>H1</th>
<th>LD</th>
</tr>
</thead>
</table>

Mounting/Connector Options:
- BS = Bayonet Mounting Studs with Single Entry Connector
- LD = Lengthening stud with SnapMate™ Dual Entry Connector
- LS = Lengthening feet with Single Entry Color Coded Connector

Can Material / Size:
- H1 = Hybrid metal/plastic case with dim. 4.25" L x 2.4" W x 1.0" H; Size 1 case
- M2 = Metal case with dim. 4.25" L x 3.0" W x 1.4" H; Size 2 case
- SC = Small Case with dim. 9.5" L x 1.7" W x 1.1" H

Lamp Watts (Primary Lamp):

Wiring Configuration:
- S = Series connection (SmartMate only)
- Q = Dual CFL, series connected (Mark VII and Mark X only)
- T = Triple CFL, series connected (Mark VII and Mark X only)
- TST = Triple Twin Tube Ballast, Series/Parallel (Mark VII and Mark X only)
- TP = Thermal Protection

Maximum Number of Lamps:

Family Type:
- CF = SmartMate Compact Fluorescent
- EL = Standard Electronic
- EZ = Easy two-wire dimming (Mark X)
- ZT = Zero to Ten Volt Dimming (Mark VII)

Input Voltage:
- I = Integral V; (excepts input of 120v rms 277v, 50/60 Hz nominal)
- R = 120 Volt
- V = 277 Volt

- Plan your lighting installation carefully; consider using the services of a qualified lighting designer
- Consult your local electric utility regarding demand side management rebate programs.
- Select the Advance electronic ballast which best matches the requirements of your application. The technical specifications in this catalog (located prior to each product category) will be useful in obtaining bids from electrical contractors.
- Contact your local Advance distributor. You will find them to be a helpful supplier of both products and information.

Linear Fluorescent Electronic Ballast Part Number Breakdown

<table>
<thead>
<tr>
<th>R</th>
<th>EL</th>
<th>2</th>
<th>P</th>
<th>32</th>
<th>RH</th>
<th>TP</th>
</tr>
</thead>
</table>

TP = Thermal Protection

HL = High Light Output
LW = Low Power
RH = Reduced Harmonics
SC = Small Can
MC = Micro Can

Maximum Number of Lamps supported by this ballast - 1, 2, 3 or 4

* Many current and all future electronic ballast part numbers will not use the "RH-TP" suffixes even though these ballasts will be thermally protected.
** Parallel Wiring Configuration. However, if one lamp fails, all other lamps in the circuit will extinguish.
NOTE: IC-PACK BALLASTS ARE INDEPENDENTLY PACKAGED CONTAINING BALLASTS WITH STANDARD LEAD LENGTHS.
MASTER PACK QUANTITY IS A BUNDLE OF IC-PACKS.
MID-PACK BALLASTS ARE NOT INDEPENDENTLY PACKAGED AND CONTAIN BALLASTS WITH STANDARD LEAD LENGTHS.
WHEN ORDERING BY CATALOG NUMBER, PLEASE ADD SUFFIX 35 TO DESIGNATE AN IC-PACK OR SUFFIX 35M TO DESIGNATE A MID-PACK EXCEPT FOR KITS WHICH NEED NO SUFFIX.
WHEN ORDERING BY DCI NUMBER, PLEASE USE CORRECT PACKAGING DCI NUMBER REFERENCED ABOVE.
EXAMPLE: REL2P32SC35I OR 08483 DENOTES IC-PACK AND REL2P32SC35M OR 08760 DENOTES MID-PACK.