Description: Electronic ballast for (4/3/2/1) F54T5HO, (4/3) FT50W/2G11, (4/3) FT55W/2G11 fluorescent lamps

- Line Voltage: 120 - 277 vac, ±10%, 50/60Hz
- Programmed Rapid Start
- Auto Reset End of Lamp Life Shutdown Circuitry
- Active Power Factor Correction
- Series-parallel Lamp Operation

### Input Nominal Power Ballast Efficacy Harmonic Crest

<table>
<thead>
<tr>
<th>Type</th>
<th>Lamp</th>
<th>Volts</th>
<th>Input Watts</th>
<th>Nominal Line Amps</th>
<th>Power Factor</th>
<th>Ballast Factor</th>
<th>Ballast Efficacy Factor</th>
<th>Harmonic Total Factor</th>
<th>Crest Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>F54T5HO</td>
<td>4</td>
<td>120</td>
<td>235</td>
<td>1.96</td>
<td>&gt;.98</td>
<td>1.00</td>
<td>0.43</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
</tr>
<tr>
<td>F54T5HO</td>
<td>4</td>
<td>277</td>
<td>229</td>
<td>0.84</td>
<td>&gt;.99</td>
<td>1.00</td>
<td>0.44</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
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<tr>
<td>F54T5HO</td>
<td>3</td>
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<td>184</td>
<td>1.52</td>
<td>&gt;.95</td>
<td>1.05</td>
<td>0.57</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
</tr>
<tr>
<td>F54T5HO</td>
<td>3</td>
<td>277</td>
<td>182</td>
<td>0.66</td>
<td>&gt;.95</td>
<td>1.05</td>
<td>0.58</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
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<tr>
<td>F54T5HO</td>
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<td>120</td>
<td>122</td>
<td>1.01</td>
<td>&gt;.95</td>
<td>1.00</td>
<td>0.82</td>
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</tr>
<tr>
<td>F54T5HO</td>
<td>2</td>
<td>277</td>
<td>121</td>
<td>0.44</td>
<td>&gt;.95</td>
<td>1.00</td>
<td>0.83</td>
<td>&lt;15%</td>
<td>&lt;1.7</td>
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<tr>
<td>F54T5HO</td>
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<td>120</td>
<td>65</td>
<td>0.54</td>
<td>&gt;.95</td>
<td>1.05</td>
<td>1.62</td>
<td>&lt;15%</td>
<td>&lt;1.7</td>
</tr>
<tr>
<td>F54T5HO</td>
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<td>277</td>
<td>65</td>
<td>0.26</td>
<td>&gt;.90</td>
<td>1.05</td>
<td>1.62</td>
<td>&lt;20%</td>
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<td>0.90</td>
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<td>277</td>
<td>223</td>
<td>0.80</td>
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<td>174</td>
<td>1.45</td>
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<td>0.93</td>
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<tr>
<td>FT55W/2G11</td>
<td>3</td>
<td>277</td>
<td>171</td>
<td>0.62</td>
<td>&gt;.95</td>
<td>0.93</td>
<td>0.54</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
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<tr>
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<td>120</td>
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<tr>
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<td>235</td>
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<td>&gt;.98</td>
<td>1.10</td>
<td>0.47</td>
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<td>&lt;1.7</td>
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<tr>
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<td>120</td>
<td>179</td>
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<td>1.13</td>
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<td>&lt;1.7</td>
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<tr>
<td>FT50W/2G11</td>
<td>3</td>
<td>277</td>
<td>177</td>
<td>0.64</td>
<td>&gt;.95</td>
<td>1.13</td>
<td>0.64</td>
<td>&lt;10%</td>
<td>&lt;1.7</td>
</tr>
</tbody>
</table>

Application Notes:
- "SW" controls the lamps connected between the Brown and Yellow leads
- For lamp switching applications, connect "SW" between the white and the grey leads as shown in the wiring diagram above OR between the Black and Grey leads. The switch "SW" may be an on-off switch, an occupancy sensor, a relay, etc.
- If lamp switching is not required, short the white and grey leads OR the black and the grey leads
- A single control device, "SW", may be connected to control multiple ballasts
- For three lamp use: Individually cap Blue/White or Orange leads.

Warranty:
Universal Lighting Technologies warrants the purchaser that the ballast will be free from defects in material or workmanship for a period of 5 years when used with a maximum case temperature of 75°C or 3 years when used with a maximum case temperature of 90°C from date of manufacture when properly installed and under normal conditions of use. Call 1-800-BALLAST for technical assistance.

Non-Consumer Limits

- Minimum Starting Temperature: 0° F, -18° C
- Maximum Case Temperature: 194° F, 90° C
- Consult factory for Tandem Wiring

- Weight: 2.50 lbs 1.10 kg
- Carton Quantity: 10 pieces
- Lead Length: White, Black, Grey 31" (± 1")
- Blue, Red 28" (± 1")
- Yellow, Brown 28" (± 1")
- Orange, Blue/White 48" (± 1")

Application and Performance Specification Information Subject to Change without Notification.

Performance:
- Meets ANSI Standard C82.11-1993
- No PCB's
- UL listed (Class P, Type 1 Outdoor, Type HL)
- Meets FCC Part 18 (Class A) for EMI and RFI

Safety:
- Meets FCC Part 18 (Class A) for EMI and RFI

Application:
- Minimum Starting Temperature: 0° F, -18° C
- Maximum Case Temperature: 194° F, 90° C
- Remote Mounting: Up to 20 ft.
- Consult factory for Tandem Wiring

Manufactured in North America

Ballast Must be Grounded

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www.unvlt.com 1-800-BALLAST August 2011