FEATURES

- Special protection circuit from reverse polarity on supply connection.
- Automatic restart after lamp replacement.
- Modified rapid start circuit prolong lamp life.
- Good heat dissipation due to aluminum housing.
- Withstands extreme temperature and vibration.
- Essentially work well with emergency system, solar system and transport.

BALLAST SPECIFICATION

- Maximum Case Temperature (tc) 60°C
- Environmental Operating Temperature (tα) 0 to 40°C
- Environmental Humidity 10%-90%RH non-condensing
- Withstanding Voltage IEC 61347-2-4/-5
- Guaranteed Withstanding Voltage 1800 Vac
- Insulation Resistance >2 MΩ
- De-activated Lamp Protection IEC 61347-2-4/-5
- Removal of Lamp IEC 61347-2-4/-5
- End of Lamp Life Protection Automatic Restart

LAMPS

- Lamp Fail to Start IEC 61347-2-4/-5
- Supply Polarity Reversal Protection Automatic Shutdown
- Safety IEC 61347-1, IEC 61347-2-4/-5
- Endurance IEC 60925
- Electromagnetic Compatibility (EMC) CISPR 15, TIS 1955
- Lamp Flicker Flicker Free
- Lamp Current Crest Factor < 1.7
- Output Frequency 25 to 60 kHz
- Ballast Lumen Factor 0.85
- Lamp Starting Modified Rapid Start
- Lamp Cable Length 1.0 m. MAX
- Case & Connection Aluminum & Wires
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Product Code</th>
<th>Rated Voltage (V)</th>
<th>Lamp</th>
<th>Nominal Input Power (W)</th>
<th>Nominal Line Current (A)</th>
<th>Safety Input Voltage Range (V)</th>
<th>Operating Input Voltage Range (V)</th>
<th>Breakdown Voltage (V)</th>
<th>Breakdown Voltage (V)</th>
<th>Weight (Kg.)</th>
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</thead>
<tbody>
<tr>
<td>DC GOLD 12V 1x8W</td>
<td>EBLG07S 12D09800</td>
<td>12 VDC</td>
<td>T5 (Ø 16.0mm.)</td>
<td>8.5</td>
<td>0.70</td>
<td>9.6 - 15</td>
<td>10.2 - 13.8</td>
<td>16</td>
<td>12</td>
<td>0.35</td>
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<td>EBLG0FL 12D10900</td>
<td>12 VDC</td>
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<td>1.0</td>
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<td>10.2 - 13.8</td>
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<td>10.2 - 13.8</td>
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<td>12</td>
<td>0.35</td>
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<tr>
<td>DC GOLD 12V 1x18W</td>
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<td>12 VDC</td>
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<td>1.67</td>
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<td>10.2 - 13.8</td>
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<td>10.2 - 13.8</td>
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<td>EBLNAFL 24D1000</td>
<td>24 VDC</td>
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<td>19.2 - 27.6</td>
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<td>DC GOLD 24V 1x14W</td>
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<td>24 VDC</td>
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<td>19.2 - 27.6</td>
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</table>

**Note:**
1. All tolerances comply with IEC 60929.
2. Ballast lumen factor depends on ballast model and lamp wattage.
3. Do not connect the ballast to AC supply.
4. Lamp starting aid may be required at temperature below 15°C.
5. Low temperature application below 15°C, the lamp should be jacketed or covered to obtain optimum light output.
6. Specifications are subject to change without prior notice.