LED Obstruction Lighting Controller with Transfer Relay & Alarm FL-81051

Compliance and Applications
- FAA AC 150/5345-43G

Our FL-81051 LED obstruction lighting controllers have been designed to reliably sense the proper operation of the latest low-power LED obstruction lights, with an array of dry alarm contacts to report on all aspects of system health.

Features
- AC input - 120V AC, 240V AC, or 277V AC
- DC input - 24V DC only
- Sophisticated current sensing enables reliable monitoring of the latest low-power LED obstruction lights
- Factory configured for: up to 4 circuits of L-810 LED lights (single or double) or L-864 LED beacons
- L-810 LED lights: Up to 10 single or 5 double lights per circuit
- L-864 LED beacons: Only one flashing beacon per circuit
- Transfer Relay mode available - energizes backup lighting in the event of a failure, up to 4 individual transfer relays
- Controller can be configured to operate L-810 sidelights in flashing or steady-burn mode
- Controller powers lights even if the photocell fails
- FAA photocell and bracket included
- User-friendly connectors
- Integrated surge protection
- Resistant to corrosion, shock and vibration
- Operates from -67° F to +131° F (-55° C to +55° C)
- 2 year warranty

Specifications
- Input Power: 120V AC 50/60Hz, 240V AC 50/60Hz, 277V AC 60Hz, or 24V DC

Ordering Codes

<table>
<thead>
<tr>
<th>Model</th>
<th># of L-864 Beacons</th>
<th># of L-810 Light Circuits</th>
<th>L-810 Light Style</th>
<th>Input Voltage</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL-81051</td>
<td>0B: No L-864 Beacons</td>
<td>0: No Circuits: No L-810 Lights</td>
<td>S: Single</td>
<td>AC1: 120VAC</td>
<td>F: Flasher</td>
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<tr>
<td></td>
<td>1B: One L-864 Beacon</td>
<td>1: One Circuit: Up to 10 Single or 5 Double L-810 Lights</td>
<td>D: Double</td>
<td>AC2: 240VAC</td>
<td>TR: Transfer Relay&lt;sup&gt;2&lt;/sup&gt;</td>
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<td>2B: Two L-864 Beacons</td>
<td>2: Two Circuits: Up to 20 Single or 10 Double L-810 Lights</td>
<td>AC3: 277VAC&lt;sup&gt;1&lt;/sup&gt;</td>
<td>DC: 24VDC</td>
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<td>3B: Three L-864 Beacons</td>
<td>3: Three Circuits: Up to 30 Single or 15 Double L-810 Lights</td>
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<td>4B: Four L-864 Beacons</td>
<td>4: Four Circuits: Up to 40 Single or 20 Double L-810 Lights</td>
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<sup>1</sup> Controller will convert 277VAC input to 120VAC output.<br><sup>2</sup> For double head obstruction lights only.<br><sup>3</sup> Maximum four circuits per controller. L-810 LED lights: Up to 10 single or 5 double lights per circuit. L-864 LED beacons: Only one flashing beacon per circuit.