Overview
Fifth Light’s DALI Dimming Module provides continuous dimming control for incandescent and magnetic low voltage loads.

Features
- Integrated DALI communication interface (can be run in the same conduit as power lines)
- Forward phase dimming control for incandescent and magnetic low voltage loads
- Ideal for use in applications requiring finely tuned continuous dimming control
- Automatic loss of DALI power detection circuit defaults to a programmable state
- Form factor allows for simple connection to 4” square junction box
Specifications

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>LCP</th>
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</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>120 VAC +/- 10%</td>
</tr>
<tr>
<td>Maximum Load</td>
<td>20 Amps</td>
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<tr>
<td>Minimum Load</td>
<td>0.125 Amps</td>
</tr>
<tr>
<td>Input Frequency</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Operating Environment</td>
<td>32°F to 104°F (0°C to 40°C)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>8.25&quot;H x 4.19&quot;W x 2.19&quot;D (209.55mm x 106.43mm x 55.36mm)</td>
</tr>
</tbody>
</table>

### Wiring & Mounting
- **Power Wiring**: Line in, Neutral, Dimmed Line Out, Ground 12 AWG stranded TFN
- **DALI**: 18 AWG stranded PTFE plenum rated non-polarized pair
- **Grounding**: Ground wire must be connected to earth ground
- **Mounting**: Mounts to 4" square junction box. Position the heat sink fins vertically. Ensure that there is sufficient area around the heat sink to allow for convection cooling.

### Control Specification
- **Communication Interface**: Digital Addressable Lighting Interface (DALI)
- **DALI Current Draw**: 2mA
- **Analog Dimming**: Forward phase line voltage dimming

### Standards
- CSA C22.2 No. 184-M1988 (R2009) - Solid State Lighting Controls
- ANSI/UL Std No. 244A - Solid State Controls for Appliances

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**Dimensions**

(Inches/mm)

**TOP VIEW**

**SIDE VIEW**

The DALI Dimming Module is equipped with a bracket for mounting to a 4" junction box. Wires are passed from the underside of the module and through the bracket.

**Wiring Diagram**

![Wiring Diagram](image)

*Note*: Install in accordance with all applicable national and local electrical & building codes.

*Note*: Specifications subject to change without notice.
Sample System Topology

Ordering

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>FLT-HPDM-DALI</td>
<td>Single circuit, forward phase, 20 amp dimming module</td>
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