**PANELITE™ Enclosure Lights Overview**

**Industry Standards**

UL 508A Component Recognized; File No. E61997  
cUL Component Recognized per CSA C22.2 No 14; File No. E61997  
CSA File No. 42186

Maintains UL/CSA Type 4, 4X and 12 enclosure rating when properly installed in a Hoffman enclosure.

**Application**

Versatile, slim-profile LED and fluorescent lights provide mounting flexibility and are easy to install in any enclosure. Terminal blocks on both ends of the light allow for easy wiring. Accessories include ganging cables, power cords and door switches, all provided with plug-and-play connectors for easy connection to the terminal blocks with an innovative terminal connection system. LED version provides superior lighting performance with minimal power consumption.

**Features**

- Slim profile allows light to be tucked up out of the way for easy panel installation
- Versatile mounting tabs allow the light to be positioned horizontally or vertically; two-way mounting tabs can be installed on front or back of light for ideal orientation
- Mounting tabs provide easy access point for attachment hardware; light does not need to be disassembled for installation
- Includes mounting hardware for the following enclosure installations: PROLINE Frame, Enclosure Top, Panel Mount and Unistrut
- On/off switch incorporated in light; optional remote door switch accessory available to activate light when enclosure door is opened
- Up to five lights can be daisy-chained together
- Plug-and-play terminal connection system:
  - Pre-wired connection sockets on both ends of light allow use of Hoffman cable accessories
  - Optional terminal blocks snap into the connection sockets allowing customers to use own wiring methods; two terminal blocks provided with each light kit
  - Power supply can be wired manually with Hoffman PANELITE Power Cable with Leads or with Hoffman optional PANELITE Power Cord
  - Ganging cables are available in 2-, 4- and 6-ft. lengths to easily join up to five lights together using one power supply
  - Remote door switch for easy door activation eliminates need to mount light in the exact location required to activate the light

**Specifications**

- Extruded aluminum center support
- Black composite end caps
- Black composite mounting tabs
- Each light fixture includes two mounting tabs, two pre-wired connection sockets, two optional terminal blocks that snap into the connection sockets and enclosure attachment hardware (bulb not included with fluorescent light)


**PANELITE™ LED Enclosure Light**

- 24 VDC operation for superior lighting performance with minimal power consumption
- 140-degree cone angle casts a broad covering of neutral light
- Center section rotates 120 degrees to re-direct light where needed
- Long life; 70 percent of initial luminance at 50,000 hours (at 25 C)
- High power LED emitters produce 470 Lumens for superior lighting performance; provides up to 50 percent more usable light than comparable length fluorescent lights
- Can be wired using optional PANELITE Cable Accessories or can be hard-wired with terminal blocks included in hardware kit
- Up to five lights can be daisy-chained together using hard-wired connection to power supply or catalog number LPC72 power cable with leads

**Bulletin:** A80LT

---

**PANELITE™ Fluorescent Enclosure Light**

- 120 VAC, 50/60 Hz operation
- Can be wired using optional PANELITE™ Cable Accessories or can be hard-wired with terminal blocks included in hardware kit
- Available in 15-, 18- and 28-in. lengths with ability to daisy chain up to five lights together using one power supply
- Fluorescent bulb not included

**Bulletin:** A80LT

---

**Spec-00581  B**

**Lighting Packages**

- **Catalog Number**
- **Description**
- **VDC**
- **Amps**
- **W in./mm**
- **X in./mm**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>VDC</th>
<th>Amps</th>
<th>W in./mm</th>
<th>X in./mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED24V15</td>
<td>LED Light, 15 in.</td>
<td>24</td>
<td>.5</td>
<td>15.00</td>
<td>8.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>381</td>
<td>203</td>
</tr>
</tbody>
</table>

---

**Catalog Number**

- **Description**
- **VAC**
- **Hz**
- **Amps**
- **W in./mm**
- **X in./mm**
- **Bulb (purchase separately)**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>VAC</th>
<th>Hz</th>
<th>Amps</th>
<th>W in./mm</th>
<th>X in./mm</th>
<th>Bulb (purchase separately)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF120V15</td>
<td>Fluorescent Light, 15 in.</td>
<td>120</td>
<td>50/60</td>
<td>.13</td>
<td>14.50</td>
<td>9.63</td>
<td>F6T5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>368</td>
<td>245</td>
<td></td>
</tr>
<tr>
<td>LF120V18</td>
<td>Fluorescent Light, 18 in.</td>
<td>120</td>
<td>50/60</td>
<td>.13</td>
<td>17.50</td>
<td>12.63</td>
<td>F8T5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>445</td>
<td>321</td>
<td></td>
</tr>
<tr>
<td>LF120V28</td>
<td>Fluorescent Light, 28 in.</td>
<td>120</td>
<td>50/60</td>
<td>.26</td>
<td>22.75</td>
<td>22.88</td>
<td>F14T5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>705</td>
<td>581</td>
<td></td>
</tr>
</tbody>
</table>
**PANELITE™ Power Cords**

- Connects light to standard North American wall socket
- LF120VCORD is for 120 VAC Fluorescent lights (up to five lights can be daisy chained together using one power cord)

**PANELITE™ Power Cable with Leads**

- 72-in. power cord provides convenient connection to an electrical supply
- Eliminates need to run and tag individual wires into the light
- Compatible with PANELITE™ LED and Fluorescent lights
- Plugs directly into connection socket on switch end of the light
- Includes one 16 AWG cable, black

*Power Cable not required. Terminal blocks are provided with each light for wired connection to electric supply.*

**Bulletin:** A80LT

**PANELITE™ Ganging Cables**

- Ganging Cables provide convenient method for joining up to five lights together while utilizing one power supply
- Available in 24-, 48- and 72-in. lengths
- Plugs directly into connection socket on either end of the light
- Compatible with PANELITE™ LED and Fluorescent lights
- Includes one 16 AWG cable, black

*Ganging Cables not required. Terminal blocks are provided with each light for hard-wired connections.*

**Bulletin:** A80LT

**PANELITE™ Door Switch Cable**

- Easily connects PANELITE™ LED or Fluorescent Light to a Remote Door Switch
- T-connector allows the Door Switch Cable to be connected with a ganging cable or power supply to the switch end of the light
- Available in 18- and 72-in. lengths
- Includes one 18 AWG cable, black

*Door Switch Cables not required. Terminal blocks are provided with each light for hard-wired connection to remote door switch.*

**Bulletin:** A80LT

---

**Lighting Packages**

- LED24VCORD is for 24 VDC LED lights and includes a transformer to convert 100-240 VAC power supply (capable of powering only one LED light)
- Plugs directly into a connection socket on switch end of the light
- Includes one cable

*Power cord not required. Terminal blocks are provided with each light for wired connection to electric supply.*

**Bulletin:** A80LT

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF120VCORD</td>
<td>Fluorescent Light Power Cord</td>
<td>72 in.</td>
</tr>
<tr>
<td>LED24VCORD</td>
<td>LED Light Power Cord</td>
<td>60 in.</td>
</tr>
</tbody>
</table>
## PANELITE™ Remote Door Switches

- Remote door switch activates the light when the enclosure door is opened
- Mounts on enclosure frame and includes mounting hardware
- Mounting plate is 14 gauge steel with a plated finish
- Can be hard-wired to the PANELITE™ LED or Fluorescent light or connected via the PANELITE Door Switch Cable

**Bulletin: A80LT, P20**

## Mounting Bracket Kit for Light Package

Kit simplifies mounting light package in Hoffman PROLINE® disconnect enclosures. Includes brackets, all mounting hardware and complete instructions.

**Bulletin: A80LT**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDLFBRKT</td>
<td>Mounting Bracket Kit</td>
</tr>
</tbody>
</table>

## PANELITE™ Wiring Options

See the table on the drawing for cable clearance dimensions.

### Table: Panelite Wiring Options

<table>
<thead>
<tr>
<th>ITEM</th>
<th>CONNECTOR TYPE</th>
<th>LIGHT FIXTURE</th>
<th>PLUG</th>
<th>DIMENSION</th>
<th>D' MIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>LDSWITCH18</td>
<td>LF120V15</td>
<td>A + B</td>
<td>D1</td>
<td>127 MM</td>
</tr>
<tr>
<td></td>
<td>LDSWITCH472</td>
<td>LF120V18</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
<tr>
<td></td>
<td>LDSWITCH18</td>
<td>LF120V28</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
<tr>
<td></td>
<td>LDSWITCH472</td>
<td>LED24V15</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
<tr>
<td>B</td>
<td>LF120VCORD</td>
<td>LF120V15</td>
<td>C</td>
<td>D2</td>
<td>51 MM</td>
</tr>
<tr>
<td></td>
<td>LF120VCORD</td>
<td>LF120V18</td>
<td></td>
<td></td>
<td>2.00 IN</td>
</tr>
<tr>
<td></td>
<td>LF120VCORD</td>
<td>LF120V28</td>
<td></td>
<td></td>
<td>2.00 IN</td>
</tr>
<tr>
<td></td>
<td>LE24VCORD</td>
<td>LED24V15</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
<tr>
<td>C</td>
<td>LGCABLE24</td>
<td>LF120V15</td>
<td>A + C</td>
<td>D3</td>
<td>127 MM</td>
</tr>
<tr>
<td></td>
<td>LGCABLE48</td>
<td>LF120V18</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
<tr>
<td></td>
<td>LGCABLE72</td>
<td>LF120V28</td>
<td></td>
<td></td>
<td>5.00 IN</td>
</tr>
</tbody>
</table>

**Option 1:** Each light is controlled by a remote door switch.

**Option 2:** All lights are controlled by a single remote door switch.

**Option 3:** The last light is controlled by a remote door switch. The first two lights are manually operated.