The SL3-LED has been designed to be the most powerful asymmetrical and unidirectional lamp for cove lighting. This 1.8 watt source can be rotated in the socket. You have complete control over how the light is distributed. When you need more light on the back wall, simply turn the lamps towards the back wall; more light on the ceiling, simply turn the lamps to face up; more light on the face of the cove, the SL3-LED rotates easily in the socket. You have 100% control!

**LAMP STYLE GUIDE**

To determine the most attractive and efficient form of lighting for your application, begin by selecting the best lamp type, lamp spacing, and wattage. Then design the system for your specific needs by selecting the right accessories. As a general rule, the basic version of our product uses 1.8-watt lamps, 2.4” on center and can uniformly illuminate surfaces positioned as close as 2” to 3” from the fixture. Lamp sockets are designed to be attached with mounting screws, offering complete flexibility of adjustment in countless directions. These products feature 50,000 hours of rated life and a choice of 2700K and 4100K color temperature. Delivers up to 60 Lumens per Watt.

**SL3-LED-2.4-24-1.8-WW**
The SL3-LED-2.4-24-1.8-WW is the most versatile and widely chosen fixture, as it is suitable for most applications and delivers an optimal combination of lumen output, lamp life, and 2700 color temperature.

**SL3-LED-2.4-24-1.8-CW**
When higher color temperatures are acceptable, the SL3-LED-2.4-24-1.8-CW can offer greater lumen output and 4100 color temperature.

### HOW TO SPECIFY FESTOON LED LINIA COVE SYSTEM (Please see required accessories per section)

<table>
<thead>
<tr>
<th>QTY</th>
<th>LENGTH SPECIFIED/FT.</th>
<th>SL3-LED</th>
<th>3</th>
<th>24</th>
<th>1.8</th>
<th>WW</th>
<th>MC</th>
</tr>
</thead>
</table>

- **PRODUCT CODE**
  - 24V
  - 12V

- **LAMP SPACING**
  - 2.4”
  - 3”
  - 4”
  - 6”

- **VOLTAGE**
  - 12V

- **WATTAGE**
  - 1.8W

- **LAMP TYPE**
  - (WW=2700K WARM WHITE)
  - (CW=4100K COOL WHITE)

**REQUIRED ACCESSORIES PER SECTION**

- **Terminal Block Connectors**
  - PART#: SL-LED-TB

- **Mini Junction Box Connectors**
  - PART#: SL-LED-JBC

- **END CAP**
  - PART#: SL-LED-EC
LINIA COVE LED LIGHTING MODULES

**SYSTEM LAYOUT AND TRANSFORMER**

In designing a lighting system, consideration must be given to the following points:
1. Maximum length of each fixtures run.
2. Output load of each transformer circuit.
3. Total load of transformer.
To avoid a voltage drop, long runs of the product can only be maintained by centrally locating the transformer and feeding fixtures on either side.

**MAXIMUM FIXTURE SIZE**

The maximum capacity of a fixture must not exceed 20 amps (480 Watts @ 24 volts). If a run length exceeds these limitations, then it should only be provided by multiple fixtures. Each fixture then requires an independent feed running to the transformer. Additionally, fixtures using 6” on center are further restricted in size to prevent excessive drops in voltage. Please call our technical department for more details.

**TRANSFORMERS**

Transformers are UL- and CUL-listed for use with lighting fixtures. These transformers are for use with 120/240 VAC/60 Hz input. The 24 volt secondary outputs are protected by inherent fuses with a maximum rating of 20 amps. The appropriate transformer can easily be determined by multiplying the number of lamps by the Watts per lamp. For larger transformers, consideration should be given to the maximum capacity of each fused output. Capacities shown are conservative underestimates by approximately 20%.

---

**REQUIRED ACCESSORIES PER SECTION**

**TERMINAL BLOCK CONNECTORS**

(PART#: SL-LED-TB)
The connector can be connected to one end of the Linia Cove Lighting fixture. The other end could be connected to #14, 12, or 10 AWG wire. The connector can be mounted through a hole in its center.

**MINI JUNCTION BOX CONNECTORS**

(PART#: SL-LED-JBC)
When wired must be installed within a structure, it may be necessary to connect the fixture using coded wiring. In such cases, a very small junction box with a 1/2” knockout may be utilized with conduit fittings.

**END CAP**

(PART#: SL-LED-EC)
A vinyl end cap is supplied at the end of a run to safeguard the conductors.

**MOUNTING SCREWS**

(PART#: SL-LED-SC)
Four holes are found in each lamp socket. Two screws in opposite corners must be tightened for proper installation.

**CHANNEL CLAMPS**

(PART#: SL-LED-CL)
These clamps, which can easily be screwed into position, are compatible with the SL2-MC mounting channel.

**OPTIONS**

**LENS COVER**

(PART#: SL1-LC, SL2-LC)
A clear polycarbonate lens may be used to protect lamps from contact when the application requires such protection. The lenses are open-ended so as to facilitate ventilation.

**MOUNTING CHANNEL**

(PART#: SL-MC)
For straight-run applications, we offer a tough, high-temperature plastic channel. The channel can be screwed in place and the lamp socket pushed into position, resulting in a very simple installation and flawless linear integrity.
MAXIMUM FIXTURE SIZE

<table>
<thead>
<tr>
<th>Part#</th>
<th>Type</th>
<th>Output(12V/24V)</th>
<th>Depth</th>
<th>Height</th>
<th>Width</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>EV24-150*</td>
<td>Magnetic</td>
<td>1@150 Watts</td>
<td>2-15/16&quot;</td>
<td>7-9/16&quot;</td>
<td>3-1/16&quot;</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>EV24-200*</td>
<td>Magnetic</td>
<td>1@200 Watts</td>
<td>2-15/16&quot;</td>
<td>7-9/16&quot;</td>
<td>3-1/16&quot;</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>ODX-250S-24*</td>
<td>Magnetic</td>
<td>1@250 Watts</td>
<td>3-3/8&quot;</td>
<td>8-1/16&quot;</td>
<td>4-3/16&quot;</td>
<td>16 lbs.</td>
</tr>
<tr>
<td>EV24-300*</td>
<td>Magnetic</td>
<td>1@300 Watts</td>
<td>3-3/8&quot;</td>
<td>8-1/16&quot;</td>
<td>4-3/16&quot;</td>
<td>16 lbs.</td>
</tr>
<tr>
<td>ODX-500*</td>
<td>Magnetic</td>
<td>1@500 Watts</td>
<td>4-1/4&quot;</td>
<td>9-7/16&quot;</td>
<td>4-11/16&quot;</td>
<td>20 lbs.</td>
</tr>
<tr>
<td>ODX-600S*</td>
<td>Magnetic</td>
<td>1@600 Watts</td>
<td>4-1/4&quot;</td>
<td>9-7/16&quot;</td>
<td>4-11/16&quot;</td>
<td>20 lbs.</td>
</tr>
<tr>
<td>ODX-750S-24*</td>
<td>Magnetic</td>
<td>2@375 Watts</td>
<td>4-1/4&quot;</td>
<td>9-7/16&quot;</td>
<td>4-11/16&quot;</td>
<td>28 lbs.</td>
</tr>
<tr>
<td>ODX-1000*</td>
<td>Magnetic</td>
<td>2@500 Watts</td>
<td>4-15/32&quot;</td>
<td>8-13/32&quot;</td>
<td>7-13/16&quot;</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>ODX-1200S*</td>
<td>Magnetic</td>
<td>2@600 Watts</td>
<td>5-7/16&quot;</td>
<td>10-9/16&quot;</td>
<td>6-3/4&quot;</td>
<td>35 lbs.</td>
</tr>
</tbody>
</table>

*277V available upon request

MAXIMUM LAMPS/CIRCUIT @ 24V 1W
480 480 550 300

MAX. LENGTH @ 24V 1W
96' 120' 150' 150'

MAX. WATTAGE @ 24V 1W
480 480 480 480

MAX. LENGTH @ 12V 1W
48' 60' 75' 75'

MAX. WATTAGE @ 12V 1W
240 240 240 240

MAX. LAMPS/FOOT
5 4 3 2

LAMP SPACING
2.4" O.C. 3" O.C. 4" O.C. 6" O.C.

The maximum capacity of a fixture must not exceed 20 amps (480 Watts @ 24 Volts). If a run length exceeds these limitations, then it should only be provided by multiple fixtures. Each fixture would then require an independent feed running to the transformer. Additionally, fixtures using 6" on center are further restricted in size to prevent excessive drops in voltage. Please call our technical department for more details.

REPLACEMENT LAMPS FOR EXISTING RIGID LOOP 24V COVE LIGHTING SYSTEMS (OR ELITE SL1 SYSTEM)

<table>
<thead>
<tr>
<th>CATALOG</th>
<th>WATTAGE</th>
<th>VOLTAGE</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL1-LED-NW-12</td>
<td>1W</td>
<td>12V</td>
<td>30K</td>
</tr>
<tr>
<td>SL1-LED-CW-12</td>
<td>1W</td>
<td>12V</td>
<td>41K</td>
</tr>
<tr>
<td>SL1-LED-NW-24</td>
<td>1W</td>
<td>24V</td>
<td>30K</td>
</tr>
<tr>
<td>SL1-LED-CW-24</td>
<td>1W</td>
<td>24V</td>
<td>41K</td>
</tr>
</tbody>
</table>

REPLACEMENT LAMPS FOR EXISTING FESTOON 24V COVE LIGHTING SYSTEMS (OR ELITE SL2 SYSTEM)

<table>
<thead>
<tr>
<th>CATALOG</th>
<th>WATTAGE</th>
<th>VOLTAGE</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL2-LED-NW-12</td>
<td>1W</td>
<td>12V</td>
<td>30K</td>
</tr>
<tr>
<td>SL2-LED-CW-12</td>
<td>1W</td>
<td>12V</td>
<td>41K</td>
</tr>
<tr>
<td>SL2-LED-NW-24</td>
<td>1W</td>
<td>24V</td>
<td>30K</td>
</tr>
<tr>
<td>SL2-LED-CW-24</td>
<td>1W</td>
<td>24V</td>
<td>41K</td>
</tr>
</tbody>
</table>

REPLACEMENT LAMPS FOR EXISTING FESTOON 24V COVE LIGHTING SYSTEMS (OR ELITE SL3 SYSTEM)

<table>
<thead>
<tr>
<th>CATALOG</th>
<th>WATTAGE</th>
<th>VOLTAGE</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL3-LED-WW-12</td>
<td>1.8W</td>
<td>12V</td>
<td>27K</td>
</tr>
<tr>
<td>SL3-LED-CW-12</td>
<td>1.8W</td>
<td>12V</td>
<td>41K</td>
</tr>
<tr>
<td>SL3-LED-WW-24</td>
<td>1.8W</td>
<td>24V</td>
<td>27K</td>
</tr>
<tr>
<td>SL3-LED-CW-24</td>
<td>1.8W</td>
<td>24V</td>
<td>41K</td>
</tr>
</tbody>
</table>