## LED SIGN AND WALL WASH LIGHTING

### CSL (Centra Standard, 6 Watts per ft. 15V DC)

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Load (Watts)</th>
<th>Source Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSL-1</td>
<td>12&quot;</td>
<td>6</td>
<td>320</td>
</tr>
<tr>
<td>CSL-2</td>
<td>24&quot;</td>
<td>12</td>
<td>640</td>
</tr>
<tr>
<td>CSL-3</td>
<td>36&quot;</td>
<td>18</td>
<td>960</td>
</tr>
<tr>
<td>CSL-4</td>
<td>48&quot;</td>
<td>24</td>
<td>1280</td>
</tr>
<tr>
<td>CSL-5</td>
<td>60&quot;</td>
<td>30</td>
<td>1600</td>
</tr>
<tr>
<td>CSL-6</td>
<td>72&quot;</td>
<td>36</td>
<td>1920</td>
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<tr>
<td>CSL-7</td>
<td>84&quot;</td>
<td>42</td>
<td>2240</td>
</tr>
<tr>
<td>CSL-8</td>
<td>96&quot;</td>
<td>48</td>
<td>2560</td>
</tr>
</tbody>
</table>

### CSXL (Centra XL, 9 Watts per ft. 24V DC)

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Load (Watts)</th>
<th>Source Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSXL-1</td>
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<td>9</td>
<td>660</td>
</tr>
<tr>
<td>CSXL-2</td>
<td>24&quot;</td>
<td>18</td>
<td>1320</td>
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<td>27</td>
<td>1980</td>
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<td>3300</td>
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<tr>
<td>CSXL-6</td>
<td>72&quot;</td>
<td>54</td>
<td>3960</td>
</tr>
<tr>
<td>CSXL-7</td>
<td>84&quot;</td>
<td>63</td>
<td>4620</td>
</tr>
<tr>
<td>CSXL-8</td>
<td>96&quot;</td>
<td>72</td>
<td>5280</td>
</tr>
</tbody>
</table>

Standard wire length is 4 feet.

Maximum fixture run length (with a capable power supply) **CSL-12ft, CSXL-12ft**

### Optics (CSXL Models Only)

- NO: No optic
- RS: 16 Degree Spot
- M: 26 Degree Medium
- W: 42 Degree Wide
- O: 20 x 48 Degree Wall Wash

### Fixture Color:
- Standard - Silver Metallic Powder Coat
- Additional Colors available by special order, premium charge.

Centra and CentraXL fixtures come with a 6 year limited warranty.
MOUNTING OPTIONS FOR CENTRA FIXTURES

Hollaender Mount (HM)
Typical Assembly for a wall or free standing sign mount. Use standard 1⅝” (OD) Galvanized pipe (TLD-EXTP) and cut to desired distance from mounting surface. Wires exit at the end of fixture and fish through pipe for a clean looking install. Standard double jacked wire length is 4 feet.

Multiple Fixture Assembly

Grid Ceiling Hanger
TLD-GCH
Clips onto drop ceiling grid

TLD-CF
Hollaender Flange fitting

TLD-CT
Hollaender Tee Fitting

TLD-C9
Hollaender Elbow Fitting

TLD-EXTP
1⅝” OD Galvanized Pipe
Flush Mount (FM)
• Mounting brackets and nuts provided
• Fixture rotates for easy adjustment
• Wire exits rear of fixture.

Suspended Mount (SM)
• Ceiling Hanging Option
• Threaded rod and pipe clamp sold separately
• Wire exits rear of fixture

Fixture Run Configuration
8 feet maximum run without center support
8 feet maximum run with center support
16 feet maximum run with center support
Charts show the distribution of light (in foot candles), outlining the vertical and horizontal spread of one (1) four foot fixture positioned horizontally at varying distance (4’-16’) from lit surface.

To read:
With light held level at 4 feet from the lit surface:
- The exposure at the center point is 43 foot candles
- In a horizontal line: At 24 inches to each side of the center point, the exposure is 31 foot candles
- In the vertical line: At 24 inches above or below the center point, the exposure is 29 foot candles