

|               |                      |
|---------------|----------------------|
| Project Name: | Type:                |
| Notes:        | Order Matrix Number: |

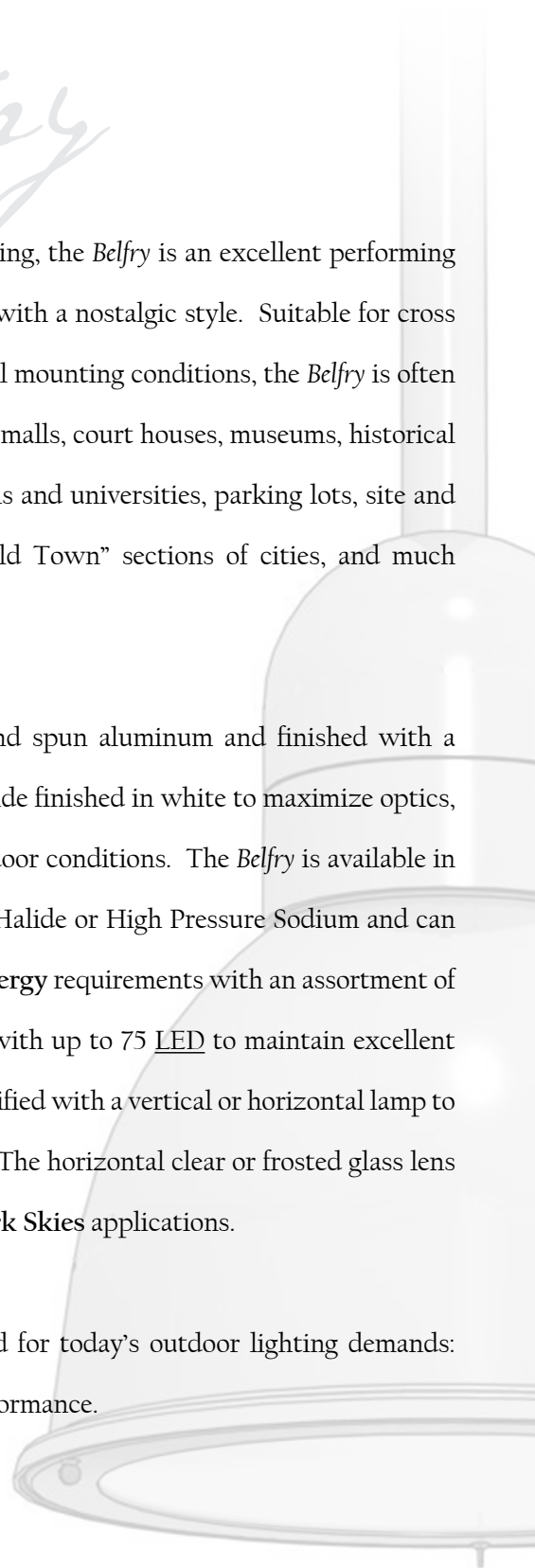
# BELFRY

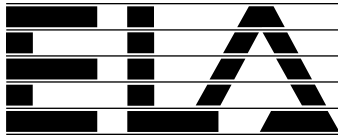
Available with a 15" diameter housing, the *Belfry* is an excellent performing outdoor pendant mounted fixture with a nostalgic style. Suitable for cross arm, ceiling (chain or stem), or wall mounting conditions, the *Belfry* is often specified for restaurants, shopping malls, court houses, museums, historical sites, government buildings, schools and universities, parking lots, site and walkway lighting, lighting for "Old Town" sections of cities, and much more.



Constructed of high grade cast and spun aluminum and finished with a powder-coated finish, with the inside finished in white to maximize optics, the *Belfry* is built to endure all outdoor conditions. The *Belfry* is available in up to a maximum 150 watt Metal Halide or High Pressure Sodium and can also accommodate today's Low-Energy requirements with an assortment of CFL lamps (up to 57 watts), and with up to 75 LED to maintain excellent light output. The *Belfry* can be specified with a vertical or horizontal lamp to create Type II, III, IV, or V optics. The horizontal clear or frosted glass lens creates a natural full cut-off for Dark Skies applications.

The *Belfry* has everything you need for today's outdoor lighting demands: Style, durability, and excellent performance.

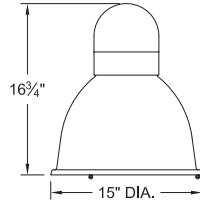




|              |             |             |             |                  |              |             |             |           |
|--------------|-------------|-------------|-------------|------------------|--------------|-------------|-------------|-----------|
| 1            | 2           | 3           | 4           | 5                | 6            | 7           | 8           | 9         |
| Fixture /    | Size /      | Mounting /  | Optics /    | Ballast /        | Voltage /    | Lens /      | Color /     | Option    |
| <b>BFY /</b> | <b>15 /</b> | <b>CA /</b> | <b>V5 /</b> | <b>100PSMH /</b> | <b>120 /</b> | <b>FG /</b> | <b>CY /</b> | <b>--</b> |

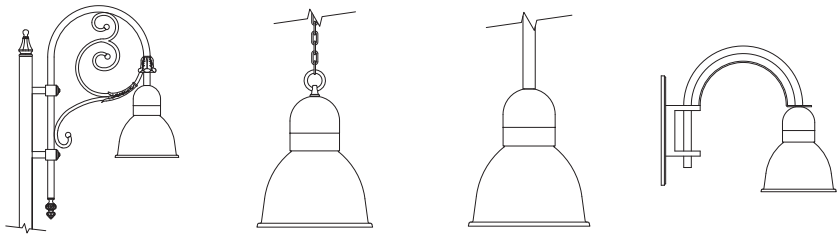
**1. Fixture: BFY**

**2. Size**



**Matrix #:** 15  
**Description:**  
**Notes:** Max Wattage 150W  
**EPA:** 1.1  
**Weight:** 20 lbs.

**3. Mounting**

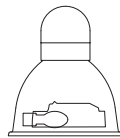


**Matrix #:**  
**Description:** CA Cross Arm, CP Chain Pendant, SP Stem Pendant, WB Wall Bracket

**Notes:**  
 1. Please consult factory for Cross Arms, Wall Brackets, and other mounting options.

**4. Optics**

**Horizontal**



**Matrix #:**  
**Description:**



**H2**  
TYPE 2



**H3**  
TYPE 3

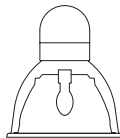


**H4**  
TYPE 4



**H5**  
TYPE 5

**Vertical**



**Matrix #:**  
**Description:**



**V3**  
TYPE 3



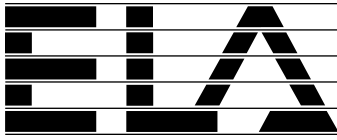
**V5**  
TYPE 5

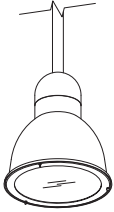
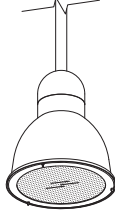
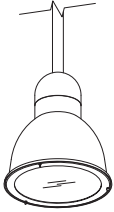
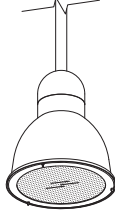
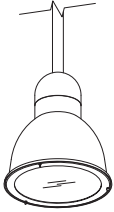
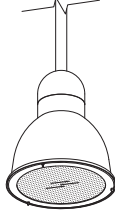
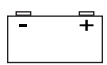

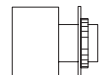

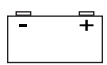

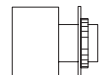

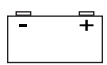

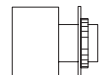

**5. Ballast**

**Description:**  
  
**Matrix #:**

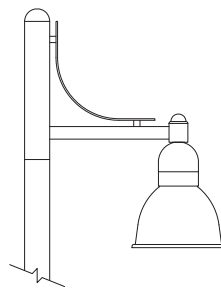
|   |  |   |  |  |   |
|---|--|---|--|--|---|
| Pulse Start Metal Halide (Watts / Type)<br><b>50PSMH</b><br><b>70PSMH</b><br><b>100PSMH</b><br><b>150PSMH</b> | Metal Halide (Watts / Type)<br><b>50MH</b><br><b>70MH</b><br><b>T6 70MH</b><br><b>100MH</b><br><b>T6 150MH</b><br><b>150MH</b> | High Pressure Sodium (Watts / Type)<br><b>50HPS</b><br><b>70HPS</b><br><b>100HPS</b><br><b>150HPS</b> | Compact Fluorescent (Watts / Type)<br><b>13CFL</b><br><b>18CFL</b><br><b>26CFL</b><br><b>32CFL</b><br><b>42CFL</b><br><b>57CFL</b> | LED (Watts / Type)<br><b>55LED</b><br><b>65LED</b><br><b>75LED</b> | Incandescent (Watts / Type)<br><b>INC</b> |
|---|--|---|--|--|---|

**Notes:**  
 1. Electronic ballast available for 50, 70, and 100 watt MH lamps.  
 2. Other wattages available. Consult factory.



|  |  |   |  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
|--|--|---|--|---|--|-----------------|-------------|-----------------|--------------|-----------|-----------------|-----------|--------------|-----------|--------------------|-----------|----------|-----------|----------|-----------|--------|-----------|------|-----------|------------|-----------|-------------|-----------|-----------------|-----------|-------------|-----------|---------------|-----------|-----------------|----------|-------|-----------------|-------------|-----------------|-------------|-----------|--------------|-----------|-------------|-----------|-------------|-----------|----------|-----------|----------|----------|------|----------|------|----------|-------|----------|-------|--|--|
| <b>6. Voltage</b>  | <table border="0"> <tr> <td><b>Matrix #:</b></td> <td><b>120</b></td> <td><b>208</b></td> <td><b>240</b></td> <td><b>277</b></td> <td><b>347</b></td> <td><b>480</b></td> </tr> <tr> <td>Description:</td> <td>120V</td> <td>208V</td> <td>240V</td> <td>277V</td> <td>347V</td> <td>480V</td> </tr> </table>  | <b>Matrix #:</b>  | <b>120</b>   | <b>208</b>  | <b>240</b>   | <b>277</b>      | <b>347</b>  | <b>480</b>      | Description: | 120V      | 208V            | 240V      | 277V         | 347V      | 480V               |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>Matrix #:</b>   | <b>120</b>   | <b>208</b>  | <b>240</b>   | <b>277</b>  | <b>347</b>   | <b>480</b>      |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| Description:   | 120V   | 208V  | 240V   | 277V  | 347V   | 480V            |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>7. Lens</b><br><br><small>Notes:<br/>Consult factory for custom lens options.</small>   | <table border="0"> <tr> <td style="text-align: center;"> <br/> <b>CG</b> Clear Glass             </td> <td style="text-align: center;"> <br/> <b>FG</b> Frosted Glass             </td> </tr> <tr> <td colspan="2"> <b>Matrix #:</b><br/>                 Description:             </td> </tr> </table>  | <br><b>CG</b> Clear Glass              | <br><b>FG</b> Frosted Glass           | <b>Matrix #:</b><br>Description:  |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <br><b>CG</b> Clear Glass   | <br><b>FG</b> Frosted Glass   |   |  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>Matrix #:</b><br>Description:   |  |   |  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>8. Color</b><br><br><small>Notes:<br/>Consult factory for custom colors.</small>  | <table border="0"> <tr> <td colspan="2"><b>Powder Coat Finish</b></td> <td colspan="2"><b>Hand-Applied Finish</b></td> </tr> <tr> <td><b>Matrix #</b></td> <td>Description</td> <td><b>Matrix #</b></td> <td>Description</td> </tr> <tr> <td><b>AG</b></td> <td>Augustine Green</td> <td><b>MG</b></td> <td>Malaga Green</td> </tr> <tr> <td><b>GY</b></td> <td>Architectural Grey</td> <td><b>MN</b></td> <td>Midnight</td> </tr> <tr> <td><b>CC</b></td> <td>Charcoal</td> <td><b>PW</b></td> <td>Pewter</td> </tr> <tr> <td><b>CY</b></td> <td>Clay</td> <td><b>SS</b></td> <td>Sand Storm</td> </tr> <tr> <td><b>DB</b></td> <td>Dark Bronze</td> <td><b>SB</b></td> <td>Statuary Bronze</td> </tr> <tr> <td><b>HR</b></td> <td>Harbor Blue</td> <td><b>VL</b></td> <td>Village Green</td> </tr> <tr> <td><b>HP</b></td> <td>Hammered Pewter</td> <td><b>W</b></td> <td>White</td> </tr> <tr> <td><b>Matrix #</b></td> <td>Description</td> <td><b>Matrix #</b></td> <td>Description</td> </tr> <tr> <td><b>CH</b></td> <td>Cracked Hide</td> <td><b>LV</b></td> <td>Light Verde</td> </tr> <tr> <td><b>LV</b></td> <td>Light Verde</td> <td><b>OR</b></td> <td>Old Iron</td> </tr> <tr> <td><b>OR</b></td> <td>Old Iron</td> <td><b>R</b></td> <td>Rust</td> </tr> <tr> <td><b>R</b></td> <td>Rust</td> <td><b>V</b></td> <td>Verde</td> </tr> <tr> <td><b>V</b></td> <td>Verde</td> <td></td> <td></td> </tr> </table> | <b>Powder Coat Finish</b>   |  | <b>Hand-Applied Finish</b>  |  | <b>Matrix #</b> | Description | <b>Matrix #</b> | Description  | <b>AG</b> | Augustine Green | <b>MG</b> | Malaga Green | <b>GY</b> | Architectural Grey | <b>MN</b> | Midnight | <b>CC</b> | Charcoal | <b>PW</b> | Pewter | <b>CY</b> | Clay | <b>SS</b> | Sand Storm | <b>DB</b> | Dark Bronze | <b>SB</b> | Statuary Bronze | <b>HR</b> | Harbor Blue | <b>VL</b> | Village Green | <b>HP</b> | Hammered Pewter | <b>W</b> | White | <b>Matrix #</b> | Description | <b>Matrix #</b> | Description | <b>CH</b> | Cracked Hide | <b>LV</b> | Light Verde | <b>LV</b> | Light Verde | <b>OR</b> | Old Iron | <b>OR</b> | Old Iron | <b>R</b> | Rust | <b>R</b> | Rust | <b>V</b> | Verde | <b>V</b> | Verde |  |  |
| <b>Powder Coat Finish</b>  |  | <b>Hand-Applied Finish</b>  |  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>Matrix #</b>  | Description  | <b>Matrix #</b>   | Description  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>AG</b>  | Augustine Green  | <b>MG</b>   | Malaga Green   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>GY</b>  | Architectural Grey   | <b>MN</b>   | Midnight   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>CC</b>  | Charcoal   | <b>PW</b>   | Pewter   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>CY</b>  | Clay   | <b>SS</b>   | Sand Storm   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>DB</b>  | Dark Bronze  | <b>SB</b>   | Statuary Bronze  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>HR</b>  | Harbor Blue  | <b>VL</b>   | Village Green  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>HP</b>  | Hammered Pewter  | <b>W</b>  | White  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>Matrix #</b>  | Description  | <b>Matrix #</b>   | Description  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>CH</b>  | Cracked Hide   | <b>LV</b>   | Light Verde  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>LV</b>  | Light Verde  | <b>OR</b>   | Old Iron   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>OR</b>  | Old Iron   | <b>R</b>  | Rust   |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>R</b>   | Rust   | <b>V</b>  | Verde  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>V</b>   | Verde  |   |  |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <b>9. Options</b><br><br><small>Notes:<br/>1. BBU option is available for fluorescent lamp only.<br/>2. Test button location shall have visibility for testing on site. Consult factory for placement location.</small><br><br><small>Photocell Options:<br/>Photocell is available in 120 thru 480 volts.<br/>Consult factory. Specify when ordering.</small> | <table border="0"> <tr> <td style="text-align: center;"> <br/> <b>BBU</b><br/>                 Battery Backup             </td> <td style="text-align: center;"> <br/> <b>TB</b><br/>                 Terminal Block             </td> <td style="text-align: center;"> <br/> <b>PCB</b><br/>                 Photocell Button             </td> <td style="text-align: center;"> <br/> <b>HSS</b><br/>                 House Side Shield             </td> </tr> </table>   | <br><b>BBU</b><br>Battery Backup     | <br><b>TB</b><br>Terminal Block       | <br><b>PCB</b><br>Photocell Button | <br><b>HSS</b><br>House Side Shield |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |
| <br><b>BBU</b><br>Battery Backup  | <br><b>TB</b><br>Terminal Block   | <br><b>PCB</b><br>Photocell Button | <br><b>HSS</b><br>House Side Shield |   |  |                 |             |                 |              |           |                 |           |              |           |                    |           |          |           |          |           |        |           |      |           |            |           |             |           |                 |           |             |           |               |           |                 |          |       |                 |             |                 |             |           |              |           |             |           |             |           |          |           |          |          |      |          |      |          |       |          |       |  |  |

**Fixture Ordering Example:**



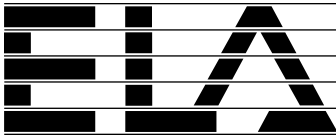
BFY/15/CA/V5/100PSMH/120/FG/CY

|                   |      |           |                    |   |           |                  |       |        |
|-------------------|------|-----------|--------------------|---|-----------|------------------|-------|--------|
| 1                 | 2    | 3         | 4                  | 5                                       | 6         | 7                | 8     | 9      |
| Fixture           | Size | Mounting  | Optics             | Ballast                                 | Voltage   | Lens             | Color | Option |
| BFY               | 15   | CA        | V5                 | 100PSMH                                 | 120       | FG               | CY    | -      |
| Belfry<br>Fixture | 15   | Cross Arm | Vertical<br>Type 5 | 100 Watt<br>Pulse Start<br>Metal Halide | 120 Volts | Frosted<br>Glass | Clay  | -      |

**Fixture Ordering Form:**

|         |      |          |        |      |         |      |       |        |        |        |
|---------|------|----------|--------|------|---------|------|-------|--------|--------|--------|
| 1       | 2    | 3        | 4      | 5    | 6       | 7    | 8     | 9      | 9      | 9      |
| Fixture | Size | Mounting | Optics | Lamp | Voltage | Lens | Color | Option | Option | Option |

1. BFY /      /      /      /      /      /      /      /      /      /



# Specifications

**Fixture Housing:** One-piece sand-cast ballast housing with spun aluminum shade, shall be corrosion resistant cast aluminum alloy #A356. The housing shall be free of any foreign materials or cosmetic fillers. For cross arms, wall brackets, and other mounting options, consult factory for installation.

**Optics:** Units shall be segmented sharp cut-off optics. Specular Alzak<sup>®</sup> optical segments are rigidly mounted within a spun aluminum enclosure.

**Electrical Module:** All electrical components are UL and CSA recognized, mounted on a single plate, and factory prewired. An optional quick-disconnect plug for the ballast module is standard. *Reference pages 2 and 3 for lamp characteristics, ballast types, and voltage technical data.*

**Lens:** The lens shall be 1/8" thick tempered glass lens. The lens is removable for lamp service.

**Finish/Color:** Finish is super TGIC thermoset polyester powder coat paint. ELA offers RAL color matches along with our standard color selection. Custom and hand applied colors are available upon special request.

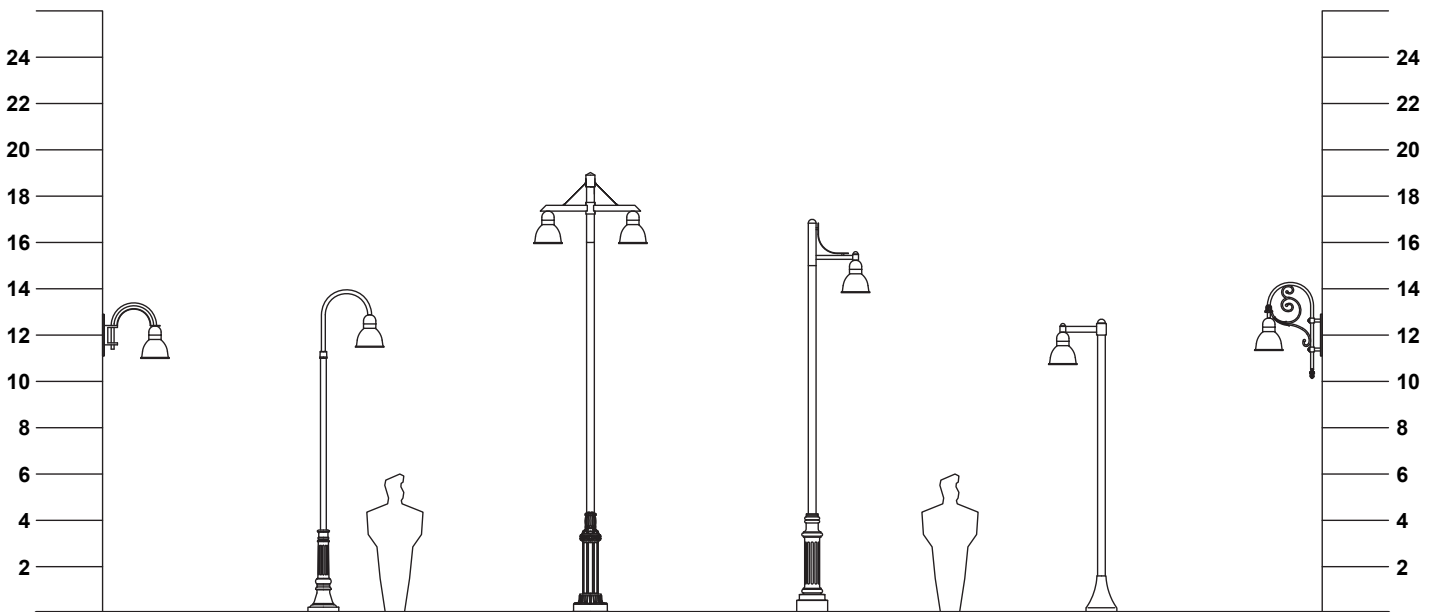
**Certification:** Fixtures shall be listed for outdoor, wet location. UL1598. IP rating 65.

**CAUTION:** Fixtures must be grounded in accordance with national, state, and/or local codes. Failure to do so may result in serious personal injury.

**ELA RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.**

# Elevated Scale

Suggested Poles and Arms  
for the Belfry Fixture



|                  |           |            |            |            |            |           |
|------------------|-----------|------------|------------|------------|------------|-----------|
| <b>Fixture :</b> | BFY/15/WB | BFY/15/CA  | BFY/15/CA  | BFY/15/CA  | BFY/15/CA  | BFY/15/WB |
| <b>Arm :</b>     | WB14      | CA17A      | CA21B      | CA111A     | CA112A     | WB16      |
| <b>Pole:</b>     |           | P3016A-12' | P3025B-16' | P3042B-14' | P4014B-12' |           |
| <b>Options :</b> |           |            |            |            |            |           |

*Note: Modifications to the fixture and additional pole heights are available.*