### Table: Luminare Arm Data

<table>
<thead>
<tr>
<th>Top Arm</th>
<th>Bottom Arm</th>
<th>Extension</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>M6 6'-0&quot;</td>
<td>6'-0&quot;</td>
<td>6'-0&quot;</td>
<td>6'-0&quot;</td>
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<tr>
<td>M8 6'-0&quot;</td>
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<tr>
<td>M10 6'-0&quot;</td>
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<td>M12 6'-0&quot;</td>
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<tr>
<td>M16 6'-0&quot;</td>
<td>6'-0&quot;</td>
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</tbody>
</table>

### Design Criteria:

1. Designed in accordance with the 2009 ASHHT, 5N Edition.
2. Designed to state standard plan sheet 4-7C.
3. Anchor bolts installed on steel, if only the anchor bolt element length shown on this drawing shall be verified by the foundation engineer.
4. The exposed length of the anchor bolt between the top of the foundation and the bottom of the leveling nut should not exceed one bolt diameter.
5. Welding shall be in accordance with the American Welding Society Code AWS D1.1 latest edition. Welders shall be qualified in accordance with AWS D1.1 welding procedures.
6. Customer to confirm all dimensions & orientations before placing order for manufacturing.

### Materials Specifications

- **Tapered Tube**: ASTM A53 GR B
- **Plate**: ASTM A572 GR 50
- **BWR Handrail Frame**: ASTM A572 GR 50 (Preferred) or ASTM A709 GR 50
- **Handrail Cover**: ASTM A572 GR 50
- **Anchor Bolt**: ASTM F1534 GR 105
- **Anchor Bolt Nuts**: ASTM A563
- **Cap Washers**: ASTM A196
- **Strut Clamp**: ASTM A53
- **Pole Top**: ASTM A572 (319F) or A501
- **Pipe**: ASTM A53 GR B S.W.D. 1 1/4" or GR B S.W.D. 1 1/2""