Functional
Columns & Brackets
Columns

Post Top
Columns are designed so that the light engine is at the specified height.

Side Entry
When combining with brackets, columns come with a male spigot, slightly shorter than the specified luminaire height to account for the additional height of the bracket.

Mounting
The table on the right highlights the different root and flange sizes for the different column heights.

<table>
<thead>
<tr>
<th>Height</th>
<th>Root Depth (mm)</th>
<th>Side Length x Bolt Circle</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>800</td>
<td>260 x 200</td>
</tr>
<tr>
<td>5</td>
<td>800</td>
<td>260 x 200</td>
</tr>
<tr>
<td>6</td>
<td>1000</td>
<td>260 x 200</td>
</tr>
<tr>
<td>8</td>
<td>1200</td>
<td>420 x 300</td>
</tr>
<tr>
<td>10</td>
<td>1500</td>
<td>420 x 300</td>
</tr>
<tr>
<td>12</td>
<td>1700</td>
<td>530 x 450</td>
</tr>
<tr>
<td>15</td>
<td>2000</td>
<td>530 x 450</td>
</tr>
<tr>
<td>18</td>
<td>2000</td>
<td>620 x 520</td>
</tr>
</tbody>
</table>

Brackets

Outreach
The table on the right shows the different configurations available, including single or twin arm variants.

Lantern Connection
All our functional luminaires support different size lantern connections. If a fixation is required it will be chosen to match the specified bracket.

Inclination
Brackets come with a zero or five degree inclination as standard.

Mounting
Our columns come with a 280mm spigot with the bracket chosen to match the spigot diameter of the column.

<table>
<thead>
<tr>
<th>Outreach (mm)</th>
<th>Spigot Diameter (mm)</th>
<th>Lantern Connection (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 Single</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>125 Twin</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>500 Single</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>500 Twin</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>750 Single</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>750 Twin</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>1000 Single</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>1000 Twin</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>1250 Single</td>
<td>60</td>
<td>76</td>
</tr>
<tr>
<td>1250 Twin</td>
<td>60</td>
<td>76</td>
</tr>
</tbody>
</table>

Seamless Weld Technology

Our poles are produced from S235, S275 or S355 High-Strength Steel.

The production line for standard masts transforms precision cut trapezoids into fully-finished masts with their base plate and with equipment inside the door. Once they leave the production line, the masts go directly for galvanising.

Three plasma welders perform the lengthways welding of the folded shells; this technology gives a flush weld bead, which improves the quality of the finished product. These three machines have heat-safety systems, which ensure the products are straight at the end of the production line.
**Description**
Tubular steel columns are perfect for post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

**Specifications**
Schréder supplies a wide range of tubular steel lighting columns from 4 to 15.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with 288EN ISO 9606 and EN ISO 15607.
Description
Parallel steel columns are perfect for post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

Specifications
Schréder supply a wide range of parallel steel lighting columns from 3 to 12 metres.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with 288EN ISO 9606 and EN ISO 15607.
Description
Octagonal Steel Lighting Column's are perfect for motorway or high-mast applications. Demountable or integral bracket arm arrangements can be selected to best suit the application.

Specifications
Light Duty octagonal steel lighting columns are available in mounting heights from 4 to 15 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.
Description
When supporting multiple fixtures including additional functionality, the heavy duty octagonal lighting column delivers complete solution confidence.

Specifications
Heavy Duty octagonal steel lighting columns are available in mounting heights from 8 to 20 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.
Description
Seamless weld technology allows us to produce a column with a nearly invisible weld. The absence of a vertical seam elevates the aesthetic of the column giving it a more modern and contemporary feel.

Specifications
Light Duty columns (12mm taper) are available in mounting heights from 4 to 12 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.
Description
The heavy duty conical column provides the ability to add increased functionality mounting specialist equipment at any height on the column. This can ensure a wider asset value based on the application.

Specifications
Heavy Duty columns (17mm taper) are available in mounting heights from 4 to 12 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.
Description
Extra heavy duty columns are designed for use as a multi-pole. Specialist equipment can be housed within and also on the exterior of the structure to enable value added benefits to be realised. The installation of festive decorations, banners, CCTV, sound and vision products and user power supply are now easily within reach.

Specifications
Extra heavy columns are available in mounting heights from 6 to 12 metres.

They can be used for post top applications or supplied with demountable or integral bracket arm arrangements.

A Quality Assurance system operates which complies with requirements of BS EN ISO 9001.

Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.
<table>
<thead>
<tr>
<th>Size</th>
<th>SINGLE</th>
<th>TWIN</th>
<th>DRAWING</th>
</tr>
</thead>
<tbody>
<tr>
<td>125mm</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>500mm</td>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td>750mm</td>
<td><img src="image7.png" alt="Image" /></td>
<td><img src="image8.png" alt="Image" /></td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
<tr>
<td>1000mm</td>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
<td><img src="image12.png" alt="Image" /></td>
</tr>
<tr>
<td>1250mm</td>
<td><img src="image13.png" alt="Image" /></td>
<td><img src="image14.png" alt="Image" /></td>
<td><img src="image15.png" alt="Image" /></td>
</tr>
</tbody>
</table>

Galvanised Steel

Wet Sprayed