

# 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.

Height	Root Depth (mm)	Side Length x Bolt Circle
4	800	260 x 200
5	800	260 x 200
6	1000	260 x 200
8	1200	420 x 300
10	1500	420 x 300
12	1700	530 x 450
15	2000	530 x 450
18	2000	620 x 520

## 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.

Outreach (mm)	Spigot Diameter (mm)	Lantern Connection (mm)
125 Single	60   76   101	42
125 Twin	60   76   101	42
500 Single	60   76   101   127	48
500 Twin	60   76   101   127	48
750 Single	60   76   101   127	48
750 Twin	60   76   101   127	48
1000 Single	60   76   101   127	48
1000 Twin	60   76   101   127	48
1250 Single	60   76   101   127	60
1250 Twin	60   76   101   127	60

## 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.

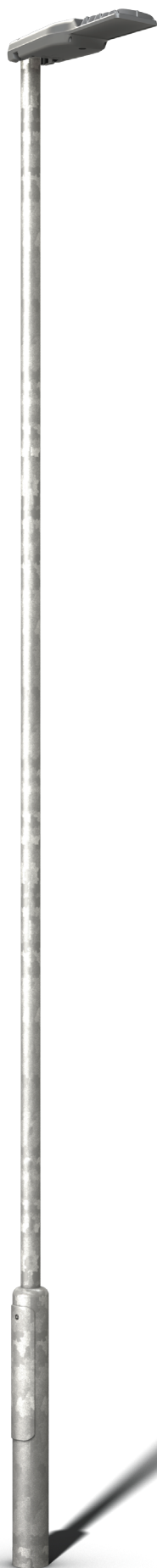
Three plasma welders perform the lengthways welding of the folded shells; this technology gives a flush weld bead, which improves the quality of the finished product. These three machines have heat-safety systems, which ensure the products are straight at the end of the production line.



Galvanised Steel



Wet Sprayed



## Description

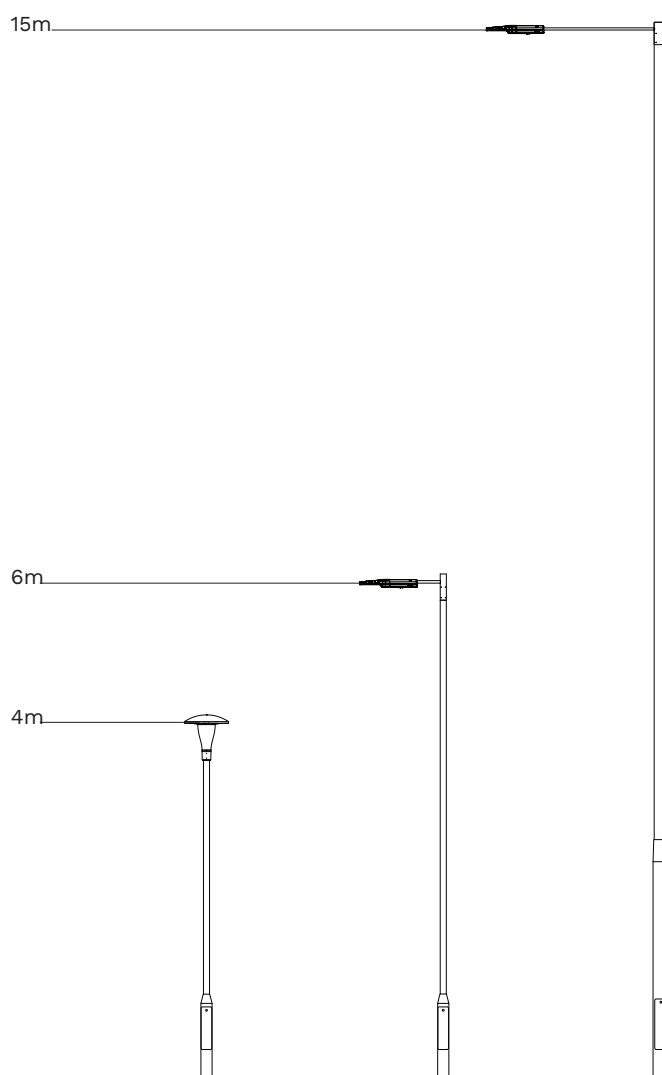
Tubular steel columns are perfect for post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

## Specifications

Schröder 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.



Galvanised Steel



Wet Sprayed



## Description

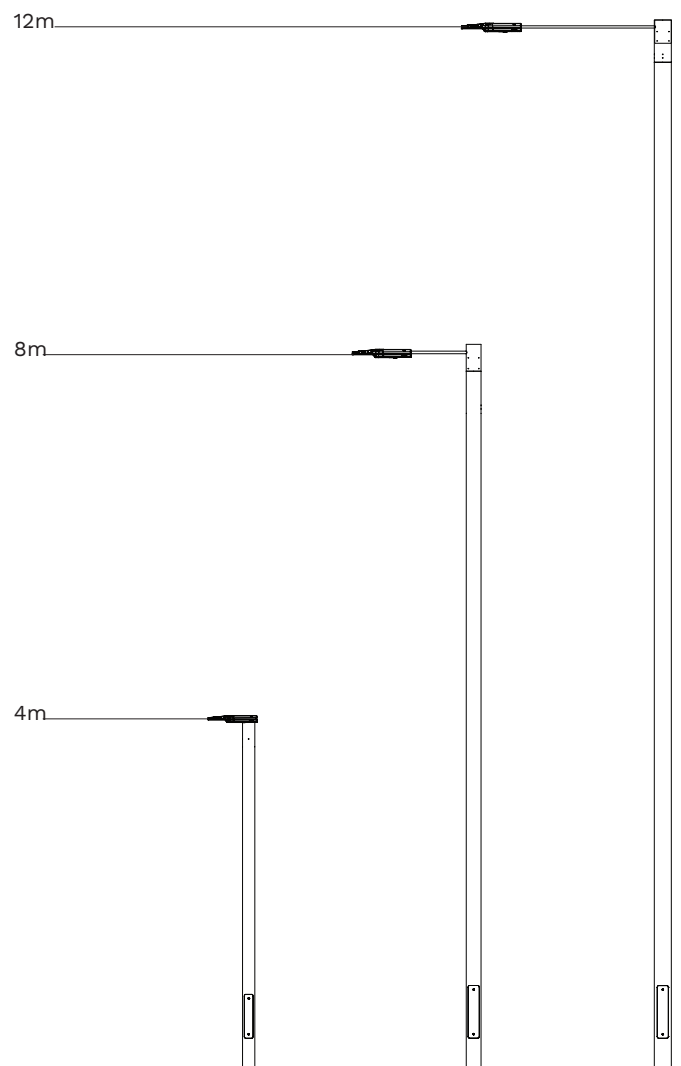
Parallel steel columns are perfect for post top applications as well as bracket mounted configurations. Demountable or integral bracket arm arrangements can be selected to best suit the application.

## Specifications

Schröder 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.



Galvanised Steel



Wet Sprayed



## 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.

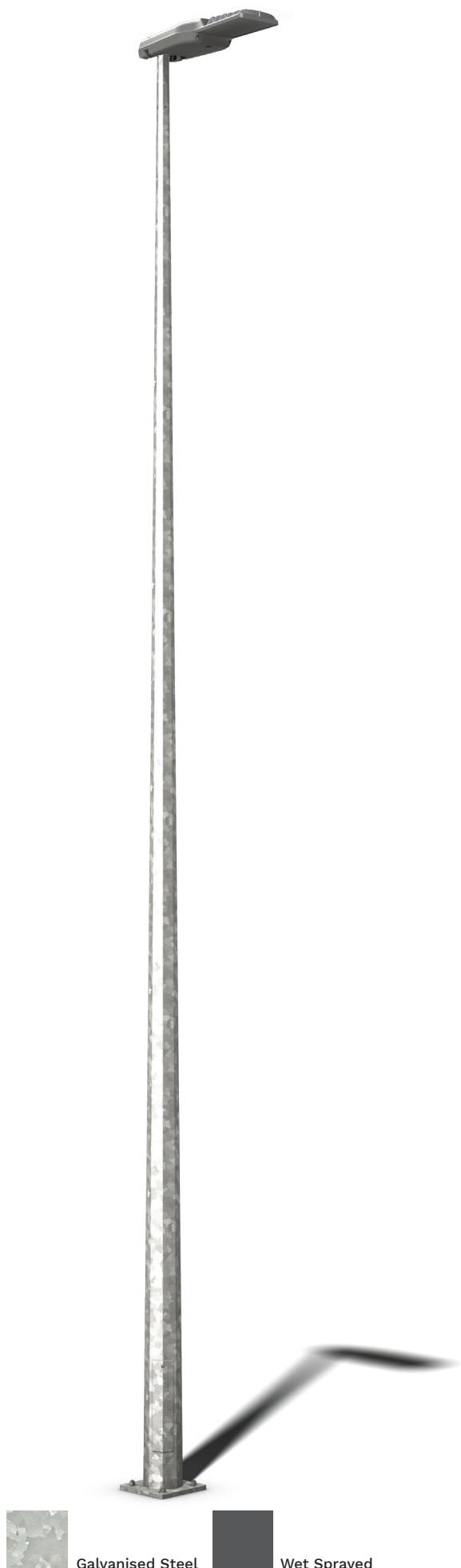
## Specifications

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.

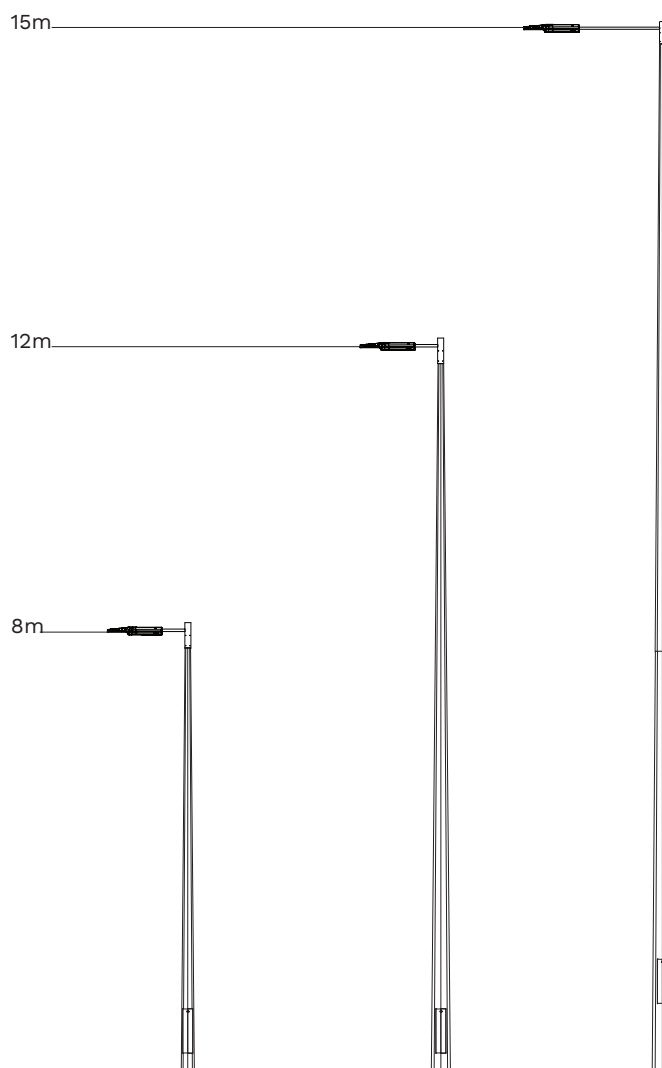
Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.

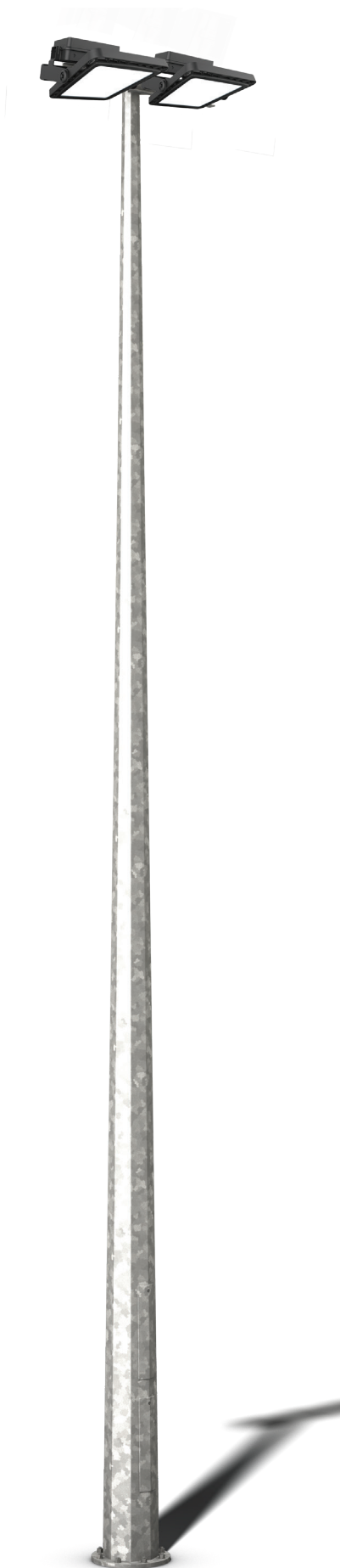


Galvanised Steel



Wet Sprayed





## Description

When supporting multiple fixtures including additional functionality, the heavy duty octagonal lighting column delivers complete solution confidence.

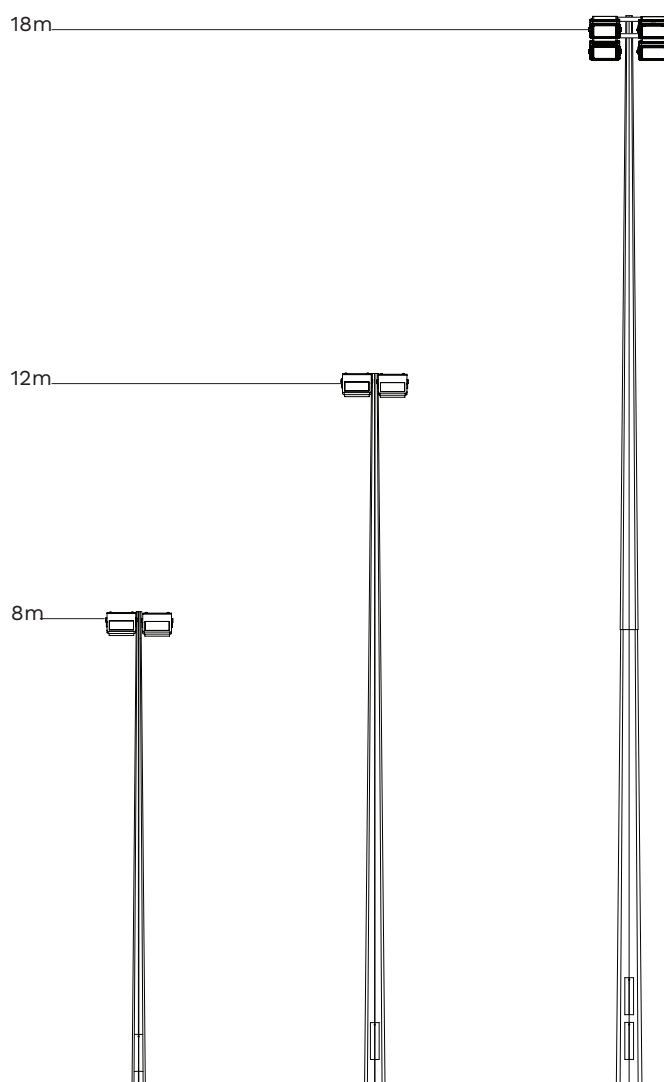
## Specifications

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.



Galvanised Steel



Wet Sprayed



## 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.

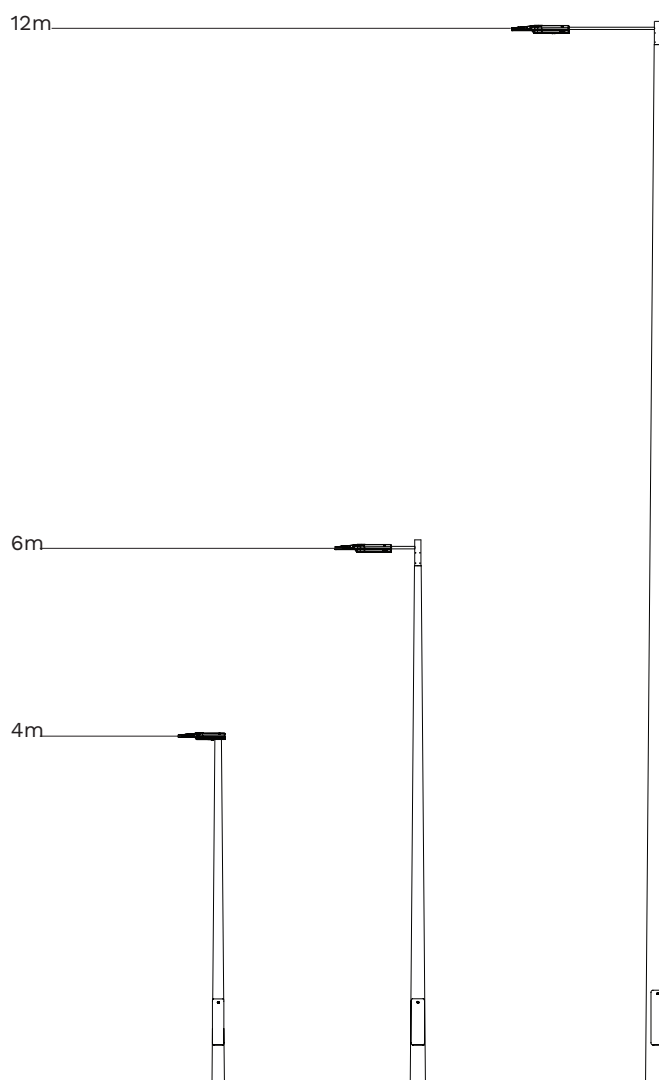
## Specifications

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.

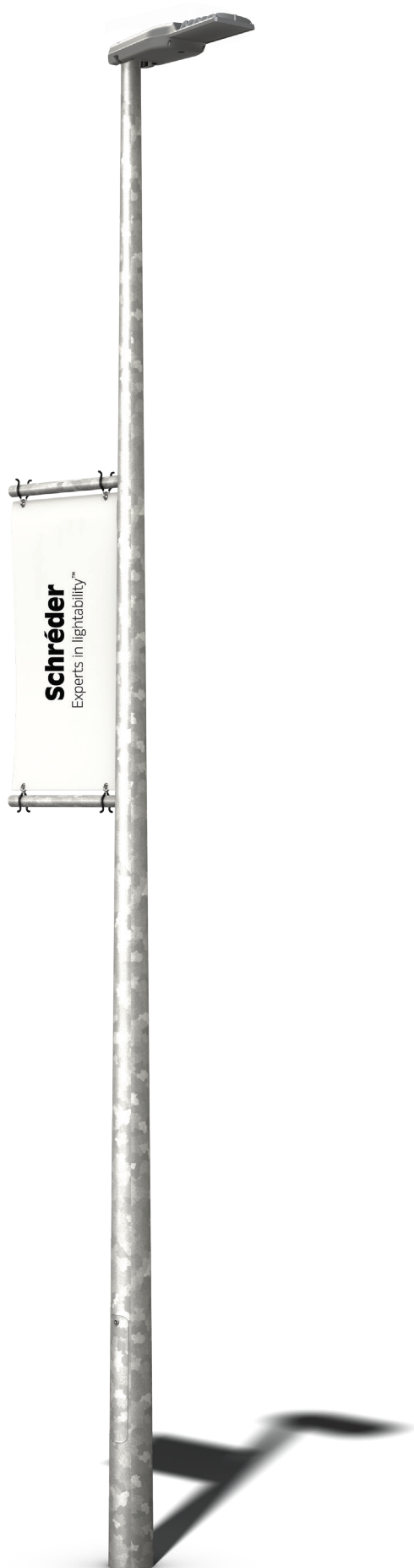
Our welders and welding procedures are independently certified in accordance with EN ISO 9606 and EN ISO 15607.



Galvanised Steel



Wet Sprayed



## 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.

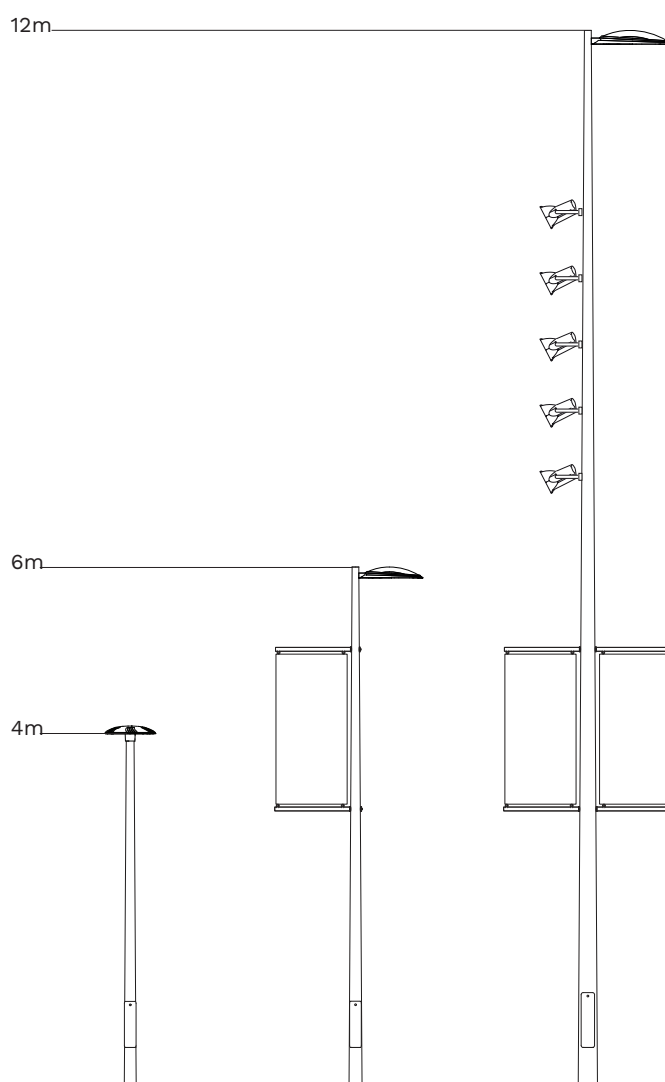
## Specifications

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.

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Galvanised Steel



Wet Sprayed





Galvanised Steel



Wet Sprayed

### 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.

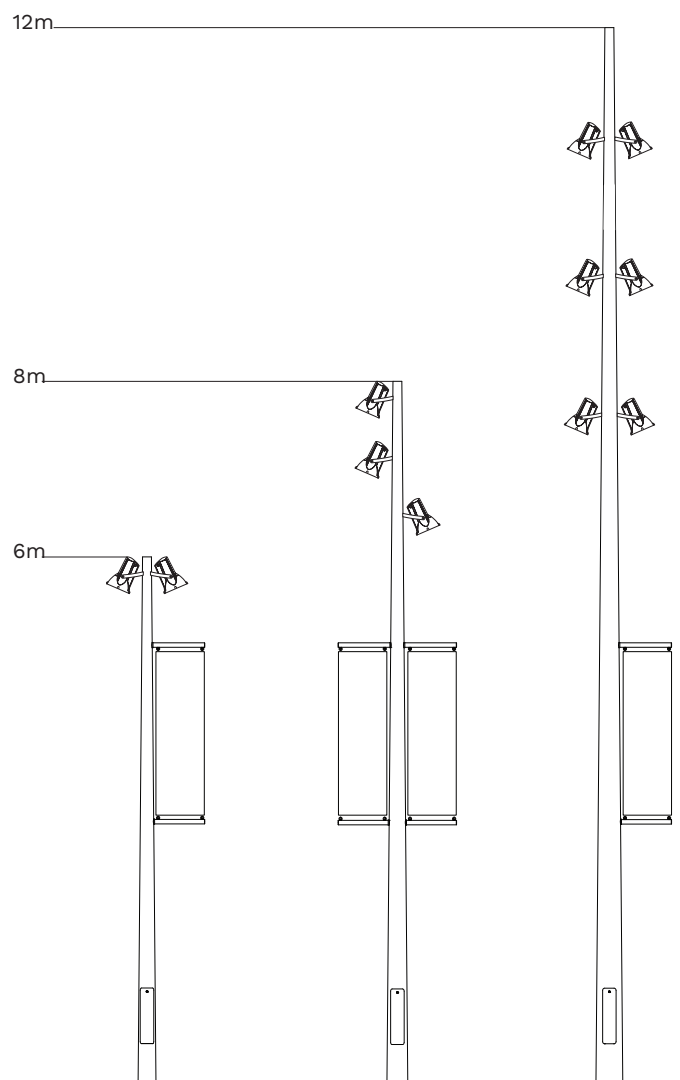
### Specifications

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.



	SINGLE	TWIN	DRAWING
125mm			
500mm			
750mm			
1000mm			
1250mm			