

# COLUMN EMBELLISHMENTS



Harbourne column  
C11



Aylesbury column  
C12



Cannonbury column  
C13



Evesham column  
C46



St Martins column  
C45



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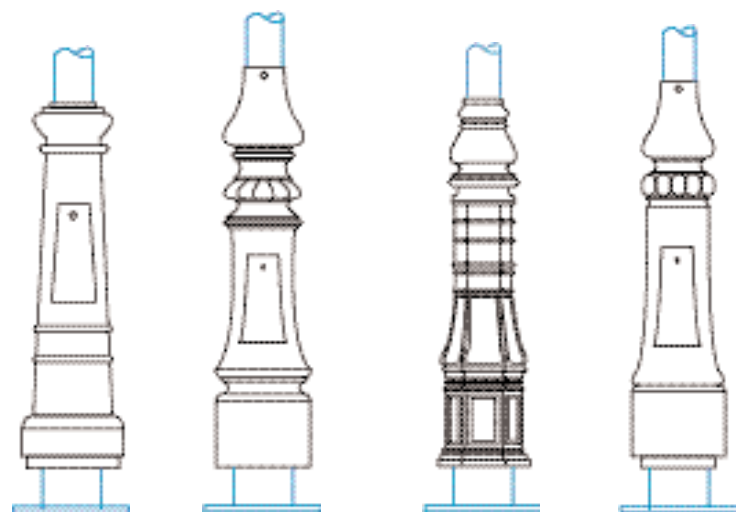
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The columns illustrated above are shown at ground level. They are available with integral roots or alternatively with flange mounting plates for fabricated roots or direct mounting to foundation blocks using anchor bolts.



2005



Sunderland column  
C47

Trafford column  
C48

Brighton column  
C50

St Annes column  
C51

When specifying columns for these bases it is important to ensure the poles are calculated with the lanterns brackets and base castings. Check individual data sheets for information.

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# COLUMN EMBELLISHMENTS

## Product Features

Sugg Lighting have an extensive range of column embellishment castings that offer the specifier the flexibility of a range of mounting heights and column sizes, all with a decorative casting for the base of the tubular column. This provides a structural column of known qualities that can be specified and tested on an ongoing basis, with the aesthetic casting to provide the appearance of a heritage column. Included on the Column Kit data sheet are a range of ladder bars, shaft rings and column top castings that can be included with the embellishments, if required. The tubular columns supplied with the castings have been structurally calculated for the castings and will be specified for the lantern and bracket options selected. The columns can be supplied with an integral root on the 5m columns with an option of a flanged base for mounting either to fabricated roots or directly into prepared blocks using anchor bolts, if preferred. The 8m and 10m versions are supplied with flange plates to ease installation and shipping.

Weight and windage information for both the column and bracket combinations are included on the relevant data sheets. The column weights and windages are available upon request and vary depending on column height and selection, this combined information will enable a clients structural engineer to calculate the mounting block which will also be dependant on the ground conditions of the site.

## Options

It is important when specifying columns that the overall mounting height is adjusted to the chosen luminaire and bracket selection. To ensure the correct lamp centre is achieved it is important to deduct the lantern height and bracket height from the column height. The columns will be adjusted in height and two sets of three tapped holes will be provided to lock the bracket into position to prevent rotation. The Sugg Lighting brackets have an internal spigot, which provides a smooth transition between column and bracket, and simplifies the installation and levelling of the bracket to the column shaft.

All columns supplied are galvanised and primed to provide optimum protection and to enable the best paint finish possible when installed. The column shaft and base dimensions are included in the table below for your information.

The wall thickness of the shaft and base will be calculated and will be dependent on the bracket and lantern combinations, and the location in relation to the required K factors. It is important when ordering columns that the location is advised in relation to the K factor that should be applied for the region, and whether the location is exposed or non-exposed as these considerations will alter the structural characteristics of the column. Our technical department will gladly assist in the specification of columns, providing full technical information is supplied.

## Features

### Columns <6m

The smaller embellishments have an access door, the tubular column has a corresponding door aperture fitted within the base section. The column generally is based on a 89mm/168mm column which has a reduced base height with the door aligned for the embellishment. This offers the flexibility of using a structural column specifically designed for this embellishment application. All columns are fitted with a wooden back-board and earth point for termination and cut-out provision.

### Columns >8m

The larger embellishments also have access doors which align with standard column door apertures. The increased dimensions offered by these larger embellishments provide ample room within the base for connection and cut-out provision on the wooden back-board provided. However, due to the casting size and weight the columns have a locator flange which centres the casting base and ensures the casting is securely fixed to the column. Likewise the casting is fixed to the column shaft and filled, ready for painting. A second flange plate is provided for securing the column to either its foundation or fabricated root, this eases the installation and also allows decorative paving to finish at the base of the casting with the flange fixings below ground level and out of sight.

NAME	DESCRIPTION	AVAILABLE SIZES			
		> 5M	> 6M	> 8M	> 10M
		76/140	89/168	114/168	139/168
Aylesbury	Full cast aluminium, octagonal, base section with access door to fit over a standard tubular pole.	✓	✓	✗	✗
Harbourne Column	Full cast aluminium base section with a welded aluminium tube and flange mounting base.	✓	✓	✗	✗
Harbourne Embelishment	Full cast iron base embellishment to slip over a 5-6m tubular pole with integral root, flange plate also available with a fabricated root.	✓	✓	✗	✗
Cannonbury Embelishment	Full cast iron base embellishment to slip over a 5-6m tubular pole with integral root, flange plate also available with a fabricated root.	✓	✓	✗	✗
St Martins Embelishment	Full cast iron base embellishment to slip over a 5-6m tubular pole with integral root, flange plate also available with a fabricated root.	✓	✓	✗	✗
Evesham Embelishment	Full cast iron base embellishment to slip over a 5-6m tubular pole with integral root, flange plate also available with a fabricated root.	✓	✓	✓	✗
Trafford Embelishment	Full cast aluminium base section base section single piece casting to sleeve over a tubular column, with locator and mounting flange.	✗	✗	✓	✓
St Annes Embelishment	Full cast aluminium base section base section single piece casting to sleeve over a tubular column, with locator and mounting flange.	✗	✗	✓	✓
Sunderland Embelishment	Full cast aluminium base section base section single piece casting to sleeve over a tubular column, with locator and mounting flange.	✗	✗	✓	✓
Brighton	Full cast aluminium base section base section single piece casting to sleeve over a tubular column, with locator and mounting flange.	✗	✗	✓	✓