

# Column and Bracket Data Sheet

Kingfisher Lighting LTD  
 Ratcher Way  
 Crown Farm Industrial Park  
 Mansfield  
 NG19 0FS



**COLUMN REFERENCE NO: 6CT76**

**COLUMN DRAWING NO: KL 3173**

**REVISION NO: C**

**DATE: 11-3-13**

## PART A GENERAL

Column Nominal Height (m) - 6.0

Column Material - STEEL

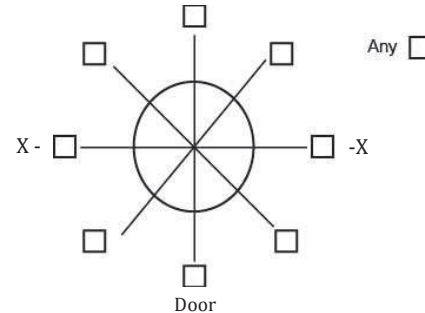
Material Design Strength (N/mm<sup>2</sup>) - 235

NO. of Door Openings - 1

Door Opening Size - Height (mm) - 500

Door Opening Size - Width (mm) - 100

**Acceptable positions of bracket arms relative to door opening:**



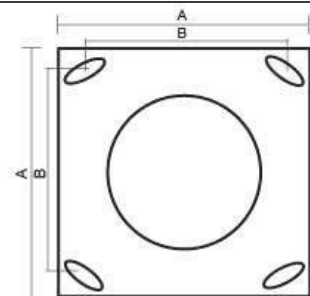
Corrosion Protection (steel columns only) Basic system type galvanised only BS EN 1461 and finished in accordance with the specification

## PART B Foundation Data (BS EN 40-PD6547)

Planting Depth - 1000mm

Standard soil type Factor G (KN/m <sup>2</sup> /m)	630	390	230
Diameter of concrete surround	-	-	227

### Flange Plate Detail



Maximum Moment is about - X - X

Design Moment at Ground Level - 3.52kNm

Ultimate Moment at Ground Level -

Sq. Size A (mm)	Thickness (mm)	Hole Ctrs B (mm)	Slot Size (mm)

Bracket Projection (m)	Terrain Cat.	RWF E.Light	RWF Light	RWF Med	RWF Heavy	RWF Ex. Heavy
Post Top	III	45 0.39	45 0.325	45 0.28	45 0.24	45 0.16
Single arm - up to 0.75m	III	25 0.275	25 0.22	25 0.19	25 0.16	25 0.1
Double arm (each side) - up to 0.75m	III	20 0.157	20 0.119	20 0.097	20 0.075	20 0.03

## PART D Certification

It is certified that the information given in this data sheet has been obtained in accordance with the requirements of EN40

Signed on behalf of the contractor: Richard Holmes Date: 11-3-2013

Kingfisher Lighting are independently assessed and approved by B.S.I to BS EN ISO 09001 Certificate number FS 575858