

Column and Bracket Data Sheet

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



COLUMN REFERENCE NO: 6CT76FP

COLUMN DRAWING NO: KL 3173F

REVISION NO: D

DATE: 8-3-13

PART A GENERAL

Column Nominal Height (m) – 6.0

Column Material – STEEL

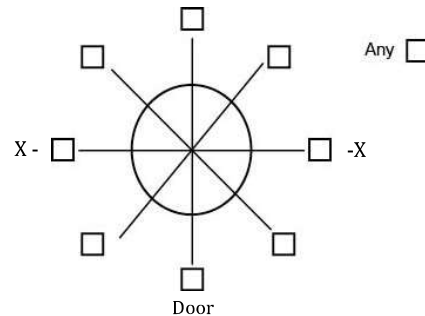
Material Design Strength (N/mm²) – 235

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:



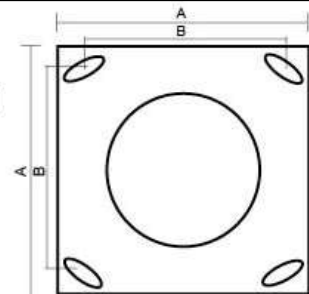
Corrosion Protection (steel columns only) Basic system type galvanised only BS EN 1461 and finished in accordance with the specification

PART B Foundation Data (BS EN 40-PD6547)

Planting Depth –

Standard soil type Factor G (KN/m ² /m)	630	390	230
Diameter of concrete surround			

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)
300x300	15	200x200	20x50

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 0.15
Single arm – up to 0.75m	III	25 0.275	25 0.215	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 0.09	20 0.075	20 0.023

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: 8-3-2013

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