

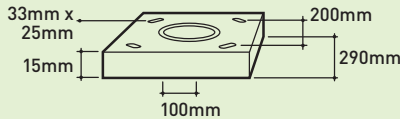
MEDIUM DUTY

5-12M TUBULAR STEEL

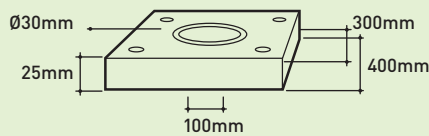
Designed to EN40. Hot dip galvanised to BS EN1461:1999. Manufactured in steel tube to EN10210

Flange Plate

Type 1 FA001G Bolts/cross brace M20 x 500mm
FC021 Template



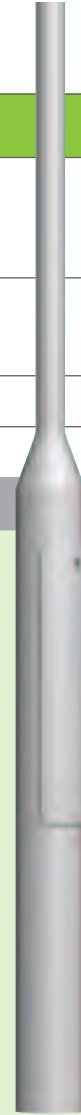
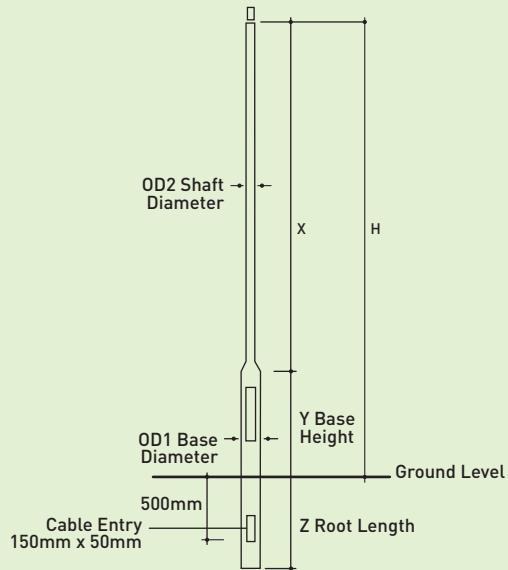
Type 2 FA002G Bolts/cross brace M24 x 500mm
FC022 Template



Accessories

ELSAB1/6A Single fuse cut-out, 6A, loop in/out (not fitted)
ELSAB12/6A Twin fuse cut-out, 6A, loop in/out (not fitted)

Column Dimensions



Root Mounted

Dimensions (mm)



Product Code	Height	OD1	OD2	x	y	z	Door Opening	Weight (kg)	OTM (KNm)	Shear (KN)	Min. Concrete Diameter*
TB051	5m	168	76	3675	1250	800	600x115	36	5.0	1.3	600
TB061	6m	168	89	4660	1250	1000	600x115	56	7.3	1.6	460
TB088	8m	168	114	6630	1250	1200	600x115	87	8.8	1.6	320
TB108/L/SP†	10m	168	140/127	8600	1250	1500	600x115	129	13.6	1.9	250
TB128/L/SP†	12m	194	168/152	9840	1750	1700	600x115	188	20.8	2.6	260

*Root concrete diameter based on poor soil or better, min. 230kN/m²

†Supplied as standard with spigot, length 230mm

Flange Plate Mounted

Dimensions (mm)



Product Code	Height	OD1	OD2	x	y	Door Opening	Flange Plate	Weight (kg)	OTM (KNm)	Shear (KN)	Concrete Dimension*
TB051/FP	5m	168	76	3675	1250	600x115	Type 1	43	5.0	1.3	750 x 800
TB061/FP	6m	168	89	4660	1250	600x115	Type 1	56	7.3	1.6	850 x 950
TB088/FP	8m	168	114	6630	1250	600x115	Type 2	102	8.8	1.6	900 x 950
TB108/L/FP/SP†	10m	168	140/127	8600	1250	600x115	Type 2	136	13.6	1.9	950 x 1100
TB128/L/FP/SP†	12m	194	168/152	9840	1750	600x115	Type 2	188	20.8	2.6	1050 x 1200

*Concrete dimension based on a minimum ground bearing pressure of 150KN/m², [S = square dimension, H = depth]

†Supplied as standard with spigot, length 230mm

For complete information on foundation options please refer to www.abacuslighting.com/foundation

Outreach & Floodlight Brackets

Height	Projection Length	Outreach Brackets		Spigot Lengths	Floodlight Brackets	
		Single (S)	Double (D)	/SP 230mm /SP1 100mm	Overlap Fit on Shaft	Flush Fit on Spigot
		Overlap Fit on Shaft	Flush Fit on Spigot	Type/Bolt Centres (mm)	Overlap Fit on Shaft	Flush Fit on Spigot
5m		TB051	TB051/SP + /SP1*		TB051	TB05/SP
	0.30m	PR2-03/S or /D	PR1-03/S +	Single	FL1/1	FL0/1
	0.50m	PR2-05/S or /D	PR1-05/S +	Double (600)	FL1/2	FL0/2
6m		TB061	TB061/SP + /SP1*		TB061	TB061/SP
	0.30m	PR4-03/S or /D	PR2-03/S or /D	Single	FL2/1	FL1/1
	0.50m	PR4-05/S or /D	PR2-05/S or /D	Double (600)	FL2/3	FL1/3
8m		TB088	TB088/SP		TB088	TB088/SP
	0.50m	PR6-05/S or /D	PR7-05/S or /D	Single	FL4/1	FL5/1
	1.0m	PR6-10/S or /D	PR7-10/S	Double (800)	FL4/3	FL5/3
10m			TB108/L/SP			TB108/L/SP
	0.50m	-	PR5-05/S or /D	Single	-	FL3/1
	1.0m	-	PR5-10/S or /D	Double (600)	-	FL3/2
	1.5m	-	PR5-15/S or /D	Double (800)	-	FL3/3
12m			TB128/L/SP			TB128/L/SP
	0.50m	-	PR-05/S or /D	Single	-	FL7/1
	1.0m	-	PR-10/S or /D	Double (600)	-	FL7/2
	1.5m	-	PR-15/S or /D	Double (800)	-	FL7/3
	2.0m	-	PR-20/S or /D	Triple (800)	-	FL7/5

*Outreach brackets series PR1 & PR2 below 0.50m projection fit onto 100mm spigot (/SP1). 0.50m + on standard 230mm spigot (/SP)
For complete bracket information please refer to pages 35-37

Column Headload Capacity (m²)

Based on UK rationalised wind loading factors for EN40

Product Code	Lantern Mounting/ Projection	Max. Headload (kg)	Light 396	Medium 429	Heavy 466	Very Heavy 576
TB051	Post Top	35	0.851	0.774	0.7	0.54
	0.50m Single Outreach	10	0.78	0.709	0.641	0.492
	0.75m Single Outreach	10	0.715	0.648	0.585	0.447
TB061	Post Top	50	0.959	0.872	0.79	0.613
	0.50m Single Outreach	12	0.894	0.815	0.74	0.576
	0.75m Single Outreach	12	0.785	0.715	0.648	0.502
TB088	Post Top	60	0.487	0.439	0.396	0.308
	0.50m Single Outreach	16	0.38	0.342	0.307	0.237
	0.75m Single Outreach	16	0.333	0.299	0.267	0.203
TB108/L/SP	Post Top	75	0.581	0.536	0.496	0.365
	0.50m Single Outreach	16	0.457	0.421	0.387	0.285
	1m Single Outreach	16	0.366	0.335	0.307	0.22
TB128/L/SP	Post Top	75	0.749	0.658	0.571	0.376
	1m Single Outreach	20	0.42	0.386	0.354	0.263
	1.5m Single Outreach	20	0.278	0.255	0.232	0.183

For complete information on column headloads refer to www.abacuslighting.com/columns.asp