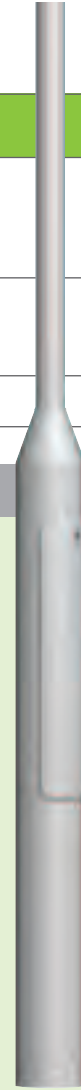


LIGHT DUTY

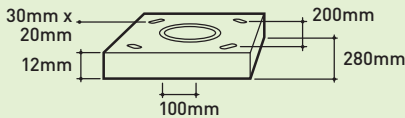
4-12M TUBULAR STEEL

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

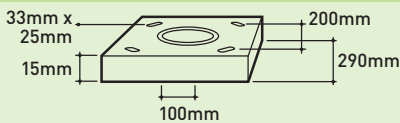


Flange Plate

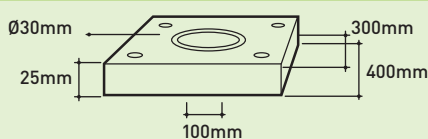
Type 0 FA000G Bolts/cross brace M16 x 500mm
FC020 Template



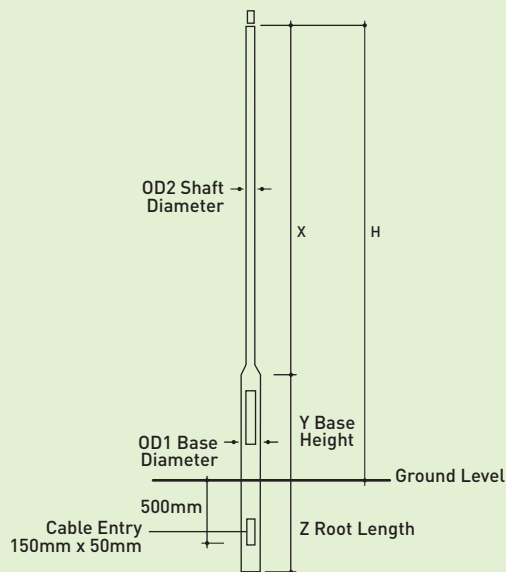
Type 1 FA001G Bolts/cross brace M20 x 500mm
FC021 Template



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



Column Dimensions



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)

Root Mounted

Product Code	Height	OD1	OD2	x	y	z	Door Opening	Weight (kg)	OTM (KNm)	Shear (KN)	Min. Concrete Diameter*
TB040	4m	140	60	2690	1250	600	500x100	31	3.3	1.0	950
TB050	5m	140	76	3675	1250	800	500x100	43	5.0	1.3	600
TB060	6m	140	76	4660	1250	1000	500x100	49	4.8	1.1	300
TB081	8m	168	89	6630	1250	1200	600x115	69	7.1	1.4	260
TB108	10m	168	114	8600	1250	1500	600x115	118	12.8	1.9	240
TB128/SP	12m	194	140/127	9840	1750	1700	600x115	188	20.7	2.5	260

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

Flange Plate Mounted

Product Code	Height	OD1	OD2	x	y	Door Opening	Flange Plate	Weight (kg)	OTM (KNm)	Shear (KN)	Concrete Dimension*
TB040/FP	4m	140	60	2690	1250	500x100	Type 0	32	3.3	1.0	700 x 800
TB050/FP	5m	140	76	3675	1250	500x100	Type 0	42	5.0	1.3	750 x 800
TB060/FP	6m	140	76	4660	1250	500x100	Type 0	49	4.8	1.1	750 x 800
TB081/FP	8m	168	89	6630	1250	600x115	Type 1	61	7.1	1.4	850 x 950
TB108/FP	10m	168	114	8600	1250	600x115	Type 2	123	12.8	1.9	950 x 1100
TB128/FP/SP [†]	12m	194	140/127	9840	1750	600x115	Type 2	188	20.7	2.5	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.abacushighting.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	Type/Bolt Centres (mm)	Overlap Fit on Shaft	Flush Fit on Spigot
4m		TB040			TB040	
	0.30m	PR1-03/S or /D	-	Single	FL0/1	-
	0.50m	PR1-05/S or /D	-	Double (600)	FL0/2	-
5m		TB050	TB050/SP + /SP1*		TB050	TB050/SP
	0.30m	PR2-03/S or /D	PR1-03/S or /D*	Single	FL1/1	FL0/1
	0.50m	PR2-05/S or /D	PR1-05/S or /D*	Double (600)	FL1/2	FL0/2
6m		TB060	TB060/SP + /SP1*		TB060	TB060/SP
	0.30m	PR2-03/S or /D	PR1-03/S or /D*	Single	FL1/1	FL0/1
	0.50m	PR2-05/S or /D	PR1-05/S or /D*	Double (800)	FL1/3	FL0/2
8m		TB081	TB081/SP		TB081	TB081/SP
	0.50m	PR4-05/S or /D	PR2-05/S or /D	Single	FL2/1	FL1/1
	1.0m	PR4-10/S or /D	PR2-10/S or /D	Double (800)	FL2/3	FL1/3
10m		TB108	TB108/SP		TB108	TB108/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 or /D	Double (600)	FL4/2	FL5/2
	1.5m	PR6-15/S or /D	PR7-15/S or /D	Double (800)	FL4/3	FL5/3
12m			TB128/SP			TB128/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
	2.0m	-	PR5-20/S or /D	Triple (800)	-	FL3/5

*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
TB040	Post Top	35	0.727	0.663	0.603	0.47
	0.25m Single Outreach	10	0.71	0.648	0.589	0.459
	0.50m Single Outreach	10	0.634	0.578	0.524	0.406
TB050	Post Top	35	0.841	0.764	0.691	0.532
	0.25m Single	10	0.845	0.769	0.696	0.537
	0.50m Single	10	0.767	0.699	0.634	0.486
TB060	Post Top	35	0.553	0.495	0.44	0.321
	0.50m Single	10	0.53	0.474	0.421	0.307
	0.75m Single	10	0.486	0.434	0.384	0.277
TB081	Post Top	35	0.302	0.265	0.231	0.159
	0.50m Single	10	0.308	0.27	0.235	0.161
	0.75m Single	10	0.281	0.245	0.211	0.141
TB108	Post Top	35	0.476	0.429	0.387	0.301
	0.50m Single	10	0.411	0.37	0.332	0.256
	1m Single Outreach	10	0.327	0.292	0.26	0.196
TB128/SP	Post Top	60	0.721	0.669	0.611	0.441
	1m Single Outreach	20	0.404	0.372	0.3411	0.273
	1.5m Single Outreach	20	0.267	0.245	0.223	0.175

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