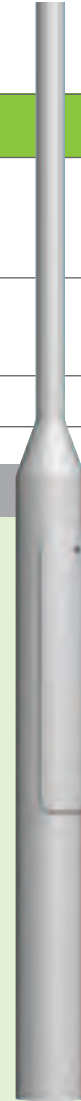


HEAVY DUTY

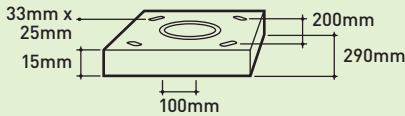
5-12M TUBULAR STEEL

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

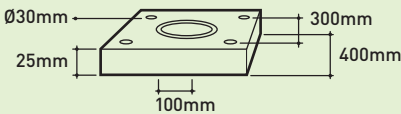


Flange Plate

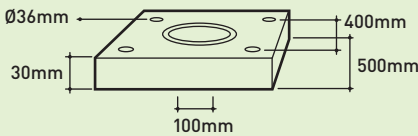
Type 1 FA001G Bolts/cross brace M20 x 500mm
FC021 Template



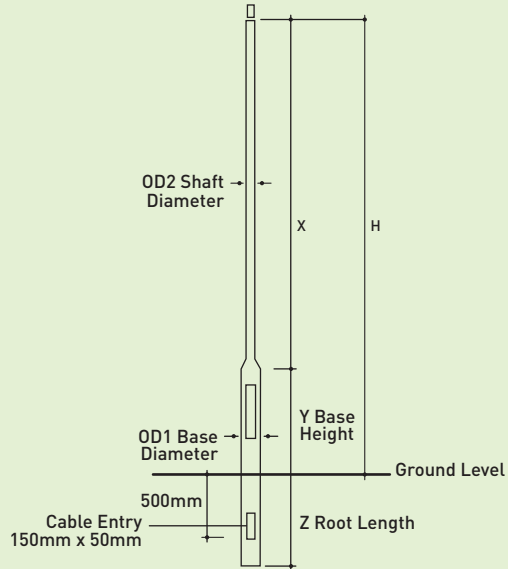
Type 2 FA002G Bolts/cross brace M24 x 600mm
FC022 Template



Type 3 FA003G Bolts/cross brace M30 x 800mm
FC003 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*
TB058	5m	168	114	3675	1250	1000	600x115	59	9.1	2.1	1088
TB068	6m	168	114	4660	1250	1000	600x115	67	9.0	1.8	556
TB088/H	8m	194	114	6630	1250	1200	600x115	103	13.0	2.2	467
TB108/H/SP†	10m	194	140/127	8600	1250	1500	600x115	158	19.5	2.5	358
TB128/H/SP†	12m	219	168/152	9840	1750	1750	600x115	259	36.4	3.9	454

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

†Supplied as standard with spigot, length 230mm

Flange Plate Mounted

Product Code	Height	OD1	OD2	x	y	Door Opening	Flange Plate	Weight (kg)	OTM (KNm)	Shear (KN)	Concrete Dimension*
TB058/FP	5m	168	114	3675	1250	600x115	Type 1	75	9.1	2.1	900 x 950
TB068/FP	6m	168	114	4660	1250	600x115	Type 1	78	9.0	1.8	900 x 950
TB088/H/FP	8m	194	114	6630	1250	600x115	Type 2	110	13.0	2.2	950 x 1100
TB108/H/FP/SP†	10m	194	140/127	8600	1250	600x115	Type 2	158	19.5	2.5	1050 x 1200
TB128/H/FP/SP†	12m	219	168/152	9840	1750	600x115	Type 3	269	36.4	3.9	1250 x 1300

*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.abaculighting.com/foundation

Outreach & Floodlight Brackets

Height	Projection Length	Outreach Brackets		Spigot Lengths	Floodlight Brackets	
		Single (S)	Double (D)	/SP 230mm		ØM20
		Overlap Fit on Shaft	Flush Fit on Spigot	Type/Bolt Centres (mm)	Overlap Fit on Shaft	Flush Fit on Spigot
5m		TB058	TB058/SP		TB058	TB058/SP
	0.30m	PR6-03/S or /D	PR7-03/S or/D	Double (800)	FL4/3	FL5/3
	0.50m	PR6-05/S or /D	PR7-05/S or/D	Triple (800)	FL4/5	FL5/5
6m		TB068	TB068/SP		TB068	TB068/SP
	0.30m	PR6-03/S or /D	PR7-03/S or /D	Double (800)	FL4/3	FL5/3
	0.50m	PR6-05/S or /D	PR7-05/S or /D	Triple (800)	FL4/5	FL5/5
8m		TB088/H	TB088/H/SP		TB088/H	TB088/H/SP
	1.0m	PR6-10/S or /D	PR7-10/S or /D	Double (800)	FL4/3	FL5/3
	1.5m	PR6-15/S or /D	PR7-15/S or /D	Triple (800)	FL4/5	FL5/5
10m			TB108/H/SP			TB108/H/SP
	1.5m	-	PR5-15/S or /D	Double (800)	-	FL3/3
	2.0m	-	PR5-20/S or /D	Triple (800)	-	FL3/5
	2.5m	-	PR5-25/S or /D	4-way (800)	-	FL3/7
12m			TB128/H/SP			TB128/H/SP
	1.5m	-	PR8-15/S or /D	Double (800)	-	FL7/3
	2.0m	-	PR8-20/S or /D	Triple (800)	-	FL7/5
	2.5m	-	PR8-25/S or /D	4-way (800)	-	FL7/7

*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
TB058	Post Top	60	0.824	1.675	1.533	1.224
	0.50m Single Outreach	20	1.138	1.043	0.954	0.76
	0.75m Single Outreach	20	0.99	0.907	0.829	0.658
TB068	Post Top	75	1.301	1.19	1.084	0.857
	0.50m Single Outreach	20	0.903	0.825	0.751	0.592
	0.75m Single Outreach	20	0.793	0.723	0.658	0.516
TB088/H	Post Top	100	0.838	0.764	0.696	0.553
	0.50m Single Outreach	20	0.866	0.799	0.735	0.59
	0.75m Single Outreach	20	0.659	0.608	0.558	0.45
TB108/H/SP	Post Top	100	0.992	0.916	0.845	0.647
	1m Single Outreach	20	0.446	0.411	0.377	0.302
	1.5m Single Outreach	20	0.297	0.272	0.248	0.195
TB128/H/SP	Post Top	100	1.653	1.495	1.344	1.007
	1m Single Outreach	20	0.428	0.394	0.362	0.29
	2m Single Outreach	20	0.363	0.332	0.302	0.235

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