

CROSS ARM APPROACH MAST

TECHNICAL DATA: WEIGHT & MEASUREMENT CHART

Cross Arm Arrangement Weights								
Pole Height	2 lights, 1.2m centres	2 lights, 1.5m centres	3 lights, 1.5m centres	3 lights, 2.7m centres	2 lights, 2.7m centres	4 lights, 1m centres	4 lights, 1.5m centres	5 lights, 1.5m centres
m	kg	kg	kg	kg	kg	kg	kg	kg
1.5	41	42	47	52	45	50	51	56
2	54	55	60	65	58	63	64	69
2.5	57	58	63	68	61	66	67	72
3	60	61	66	71	64	69	70	75
3.5	63	64	69	74	67	72	73	78
4	66	67	72	77	70	75	76	81
4.5	69	70	75	80	73	78	79	84
5	72	73	78	83	76	81	82	87
5.5	75	76	81	86	79	84	85	90
6	78	79	84	89	82	87	88	93
6.5	81	82	87	92	85	90	91	96
7	84	85	90	95	88	93	94	99
7.5	87	88	93	98	91	96	97	102
8	90	91	96	101	94	99	100	105
8.5	93	94	99	104	97	102	103	108
9	96	97	102	107	100	105	106	111
10	143	144	149	154	147	152	153	158
11	185	186	191	196	189	194	195	200
12	196	197	202	207	200	205	206	211

Cross Arm Light Pole Technical Data													
Pole Height	Pole Section: Diameter (Cross Arm Arrangement)	Pole Section: Wall Thickness (Cross Arm Arrangement)	Cross Arm Section: Diameter	Cross Arm Section: Wall Thickness	Base Plate: Dimension	Base Plate: Thickness	Ground Plate: Dimension	Ground Plate: Thickness	Ground Rod: Length	Ground Rod: Diameter	Cable Hold: Diameter	Foundation Detail**	
m	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1	180	4	50	4.5	280x280	12	280x280	10	500	20	80	500x500x1250	
1.5	180	4	50	4.5	280x280	12	280x280	10	500	20	80	500x500x1250	
2	180	4	50	4.5	300x300	12	400x400	10	500	20	80	500x500x1250	
2.5	180	4	50	4.5	300x300	12	400x400	10	500	20	80	500x500x1250	
3	180	4	50	4.5	300x300	12	400x400	10	500	20	80	500x500x1250	
3.5	180	4	50	4.5	300x300	12	400x400	10	500	20	80	500x500x1250	
4	180	4	50	4.5	300x300	12	400x400	10	500	20	80	500x500x1250	
4.5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
5.5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
6	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
6.5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
7	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
7.5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
8	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
8.5	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
9	180	6	50	4.5	300x300	12	400x400	10	500	20	80	650x650x1250	
10	180	6	50	4.5	300x300	20	400x400	10	1000	20	80	750x750x1500	
11	180	6	50	4.5	300x300	20	400x400	10	1000	20	80	1000x1000x1500	
12	180	6	50	4.5	300x300	20	400x400	10	1000	20	80	1000x1000x1500	

All masts are manufactured to specific height requested by client.

Weights shown are a guide only.

** May differ with ground conditions

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SINGLE LIGHT APPROACH MAST

TECHNICAL DATA: WEIGHT & MEASUREMENT CHART

Single Light Pole Technical Data											
Pole Weight	Pole Weight	Pole Section: Diameter	Pole Section: Wall Thickness	Base Plate: Dimension	Base Plate: Thickness	Ground Plate: Dimension	Ground Plate: Thickness	Ground Rod: Length	Ground Rod: Diameter	Cable Hold: Diameter	Foundation Detail**
m	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1	6	60	3	175*	n/a	n/a	n/a	n/a	M10	33	n/a
1.5	9	60	3	175*	n/a	n/a	n/a	n/a	M10	33	n/a
2	18	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
2.5	19	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
3	21	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
3.5	23	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
4	25	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
4.5	26	125	3	180x180	10	180x180	10	500	16	50	500x500x1000
5	66	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
5.5	69	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
6	72	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
6.5	75	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
7	78	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
7.5	81	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
8	84	180	4	280x280	12	280x280	10	500	20	80	650x650x1000
8.5	90	180	6	300x300	12	400x400	10	500	20	80	650x650x1250
9	93	180	6	300x300	12	400x400	10	500	20	80	650x650x1250
10	99	180	6	300x300	12	400x400	10	500	20	80	650x650x1250
11	105	180	6	300x300	20	400x400	10	500	20	80	650x650x1250
12	111	180	6	300x300	20	400x400	10	500	20	80	650x650x1250

Pole height measured from bottom of base plate.

Weight based on exact heights shown, please allow for some variance for poles measuring between 500mm intervals.

All single masts available with additional 100mm in height to be cut on site.

*Glass re-inforced plastic tripod base.

** May differ with ground conditions