## City of Delray Beach Aluminum 100' Tree

## <u>100 Foot Aluminum Tree (48' Diameter Base) with 316</u> <u>Stainless Steel Hardware with Aluminum Branch Spines, and</u> <u>Aluminum wire Branches:</u>

Lump Sum:

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- ★ 100' Aluminum Walk Through Tree Frame, powder coated forest green; including all bolts/nuts/washers/ and miscellaneous attachments with hardware in 316 stainless steel.
- ★ For lighted foliage (Oregon Cascade Fir: 3 Ply dark green/light green/sand) (Minimum 3200 individual branches) with aluminum wire and aluminum branch spines: 70 5 MM wide Angle LED miniature lights per branch Or C-7 LED lights 12 per branch.
- ★ Minimum 218,000 lights total = 135 amps @ 115 VAC
- \* Minimum 6 Red Matte Hollyberies per branch
- ★ 8' Tall Tree Top Star, aluminum frame, C-7 LED lights. 12" angle cut Gold metallic garland
- ★ Freight Included with Gross Weight Limit
- ★ Minimum 35 Custom Aluminum Storage racks for the branches, set for fork lift transport.
- ★ New Wiring Harness-- New design-- Thermo jacketed sealed system with NEMA plug.
- Provide all engineering and permitting requirements to meet the State of Florida 2014 Building Code

Ring Ring Diameter ID	-4' Top Pole			Ring Sections	Total Ring Clamps	Clamp Tap Bolts	Ring Branch Panels	
$\langle \rangle$	A Contraction			N/A	N/A		4 Tree Top Panels	
l' Dia.	Δ			N/A	N/A		5	
2' Dia.			Å	N1 8	3		5	
(B)/ <b>/</b>	TAN		·····		3	6 x 3-1/2"-	7	7.8 S. 1.1.2 S.
3' Dia. (c) 4' Dia. (c)			FRAME;	1		6 x 3-1/2"-	9	Arte de
5' Dia 5' Dia		Foliage extends 12"	l" x	1	· 3 ·	6 x 3-1/2"	11	
6' Dia.		beyond frame all	.065 wall	1	4	-8 x 3-1/2"-	14	
7' Dia.		around	Sq. Tube	2		-8 x 3-1/2"	16	
8' Dia,			3/8-16 x 3"	4	q A	<ul> <li>Factorial Providence</li> </ul>	20	
9' Dia.			Hex Bolts (2)	4	л л	8 x 3-1/2"	22	
10' Dia.			per Section	4		8 x 3-1/2"	24	and the second sec
			joint	4	0 د	12 x 3-1/2"- 12 x 3-1/2"-	28	
12' Dia. (k)/				4	8	<ul> <li>Acceletore e cont</li> </ul>	32	
12 Dia. (.)			Y	4	8	16 x 3-1/2"-	32	
13 Dia. (M)			4	4		16 x 4-1/2"	36	
14 Dia. (N)				4	8	16 x 4-1/2" 16 x 4-1/2"-	40	
15 Dia. (0)				4	8	Artistan and Artist	40	
17' Dia.				8		16 x 4-1/2" 32 x 4-1/2"	44	
18' Dia. (0) / // / / / / /			FRAME:	8		-32 x 4-1/2"-	48	
19' Dia.			1-1/2" x .065 wall	8			48	
			Sq. Tube	8		32 x 4•1/2"-	52	
20' Dia. (1)				8		-32 x 4-1/2"-	56	
			1/2-13 x 4"	8		32 x 4-1/2"	56	
22 Dia.			Hex Bolts (2) per Section	8		-32 x 4-1/2*-	60	intering interior
23 Dia. (1) / // // // // // // // // // // // //			joint	8		32 x 4-1/2"	64	
24 Dia. (x) /// 25' Dia.			·······	8		-32 x 4-1/2"-	64	diarraidan dan analah sa ku
(¥)/ // / / / /			· · · · · · · · · · · · · · · · · · ·	8		32 x 4-1/2"	68	
26' Dia. (z)				8		32 x 4-1/2"	72	
28' Dia. (A)/				16		64 x 5-1/2"	72	an an an
28 Dia. (AB)			FRAME:	16		64 x 5-1/2"	76	
			2" x	16		64 x 5-1/2".	80	
			.095 wall	16		64 x 5-1/2"	80	
			Sq. Tube	16		64 x 5-1/2"	88	
32 Dia. (A)			1/2-13 x 5"	16	—32— 22	64 x 5-1/2"-	88	
			Hex Bolts (2)	16	32 32	64 x 5-1/2"	90	
34' Dia. (AG) 35' Dia. (AII)			per Section	16		64 x 5-1/2"- 64 x 5-1/2"-	93	
36' Dia.			joint	16		<ul> <li>Transformer and the second s</li> </ul>	96	
37 Dia (A) ( III )				16	32	64 x 5-1/2"	99	
38' Dia. (RK)				16	32		101	
				16	32		104	
				16			107	ter se tra
41' Dia (AN)				16	32 32		110	
42' Dia (A0)/ ##				16	32		112	
				16			115	
3' Dia. (AQ)				16			118	· 1 · · .
				16			121	
				16	32		123	
				16			126	
				16	J&		129	in the second

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