

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P670833

Luminaire Tested: **CCP-SA-2C-750-U-T3**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P670833
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-750-U-T3
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @615mA w/ T3
distribution lens
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9344.6 lumens
Efficiency: N/A
Efficacy: 150.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G2

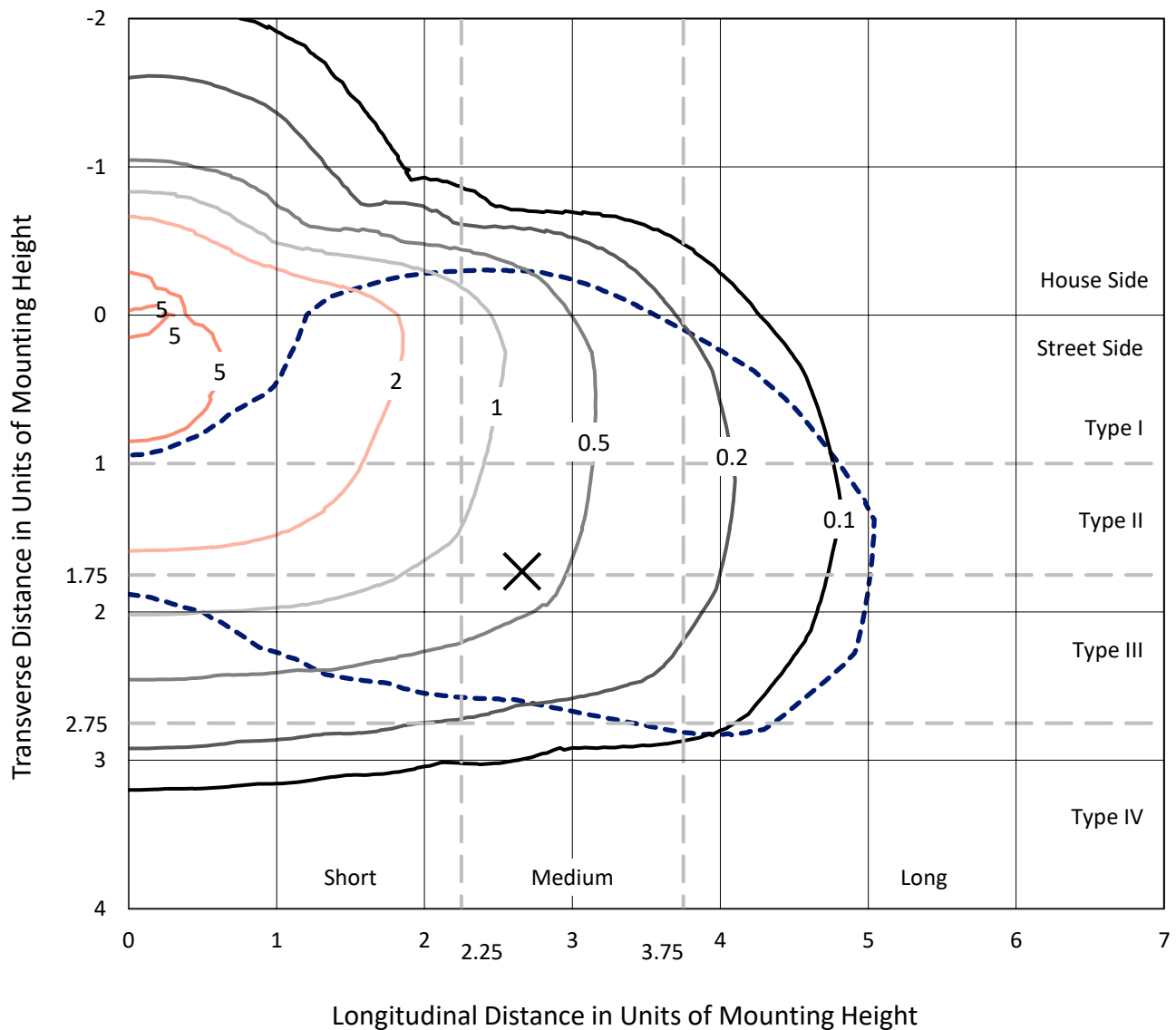
Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

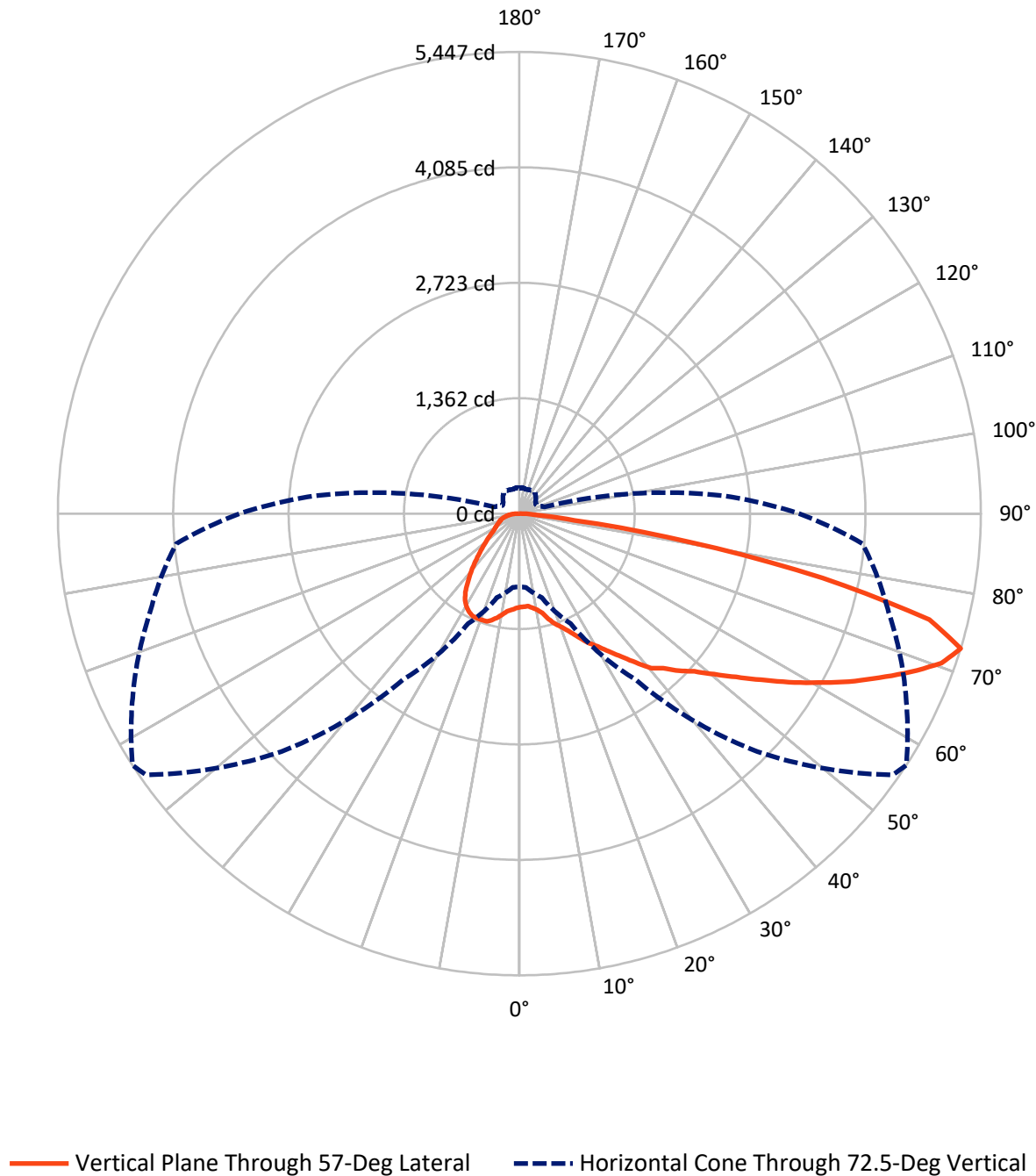
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.6 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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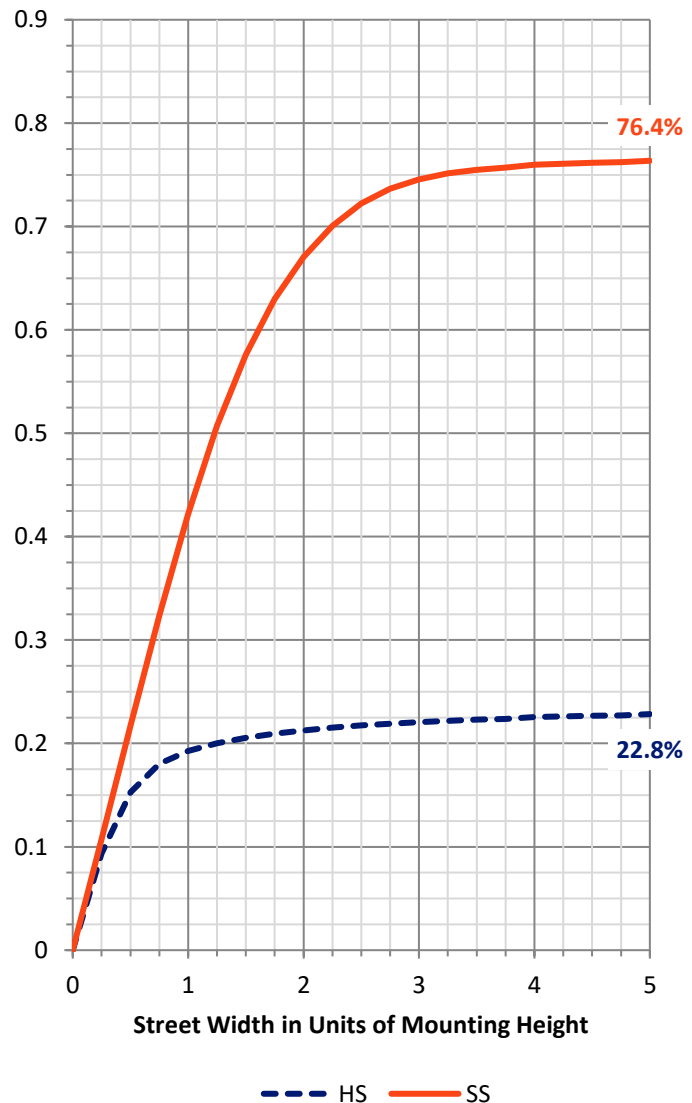
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2182.3	0.0	2182.3
	% Fixture	23.4	0.0	23.4
Street Side	Lumens	7162.3	0.0	7162.3
	% Fixture	76.6	0.0	76.6
Total	Lumens	9344.6	0.0	9344.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.5	1.2
10°-20°	369.0	3.9
20°-30°	674.5	7.2
30°-40°	989.6	10.6
40°-50°	1362.5	14.6
50°-60°	1868.4	20.0
60°-70°	2252.3	24.1
70°-80°	1500.3	16.1
80°-90°	218.5	2.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	9344.6	100.0
0°-180°	9344.6	100.0

Coefficient of Utilization



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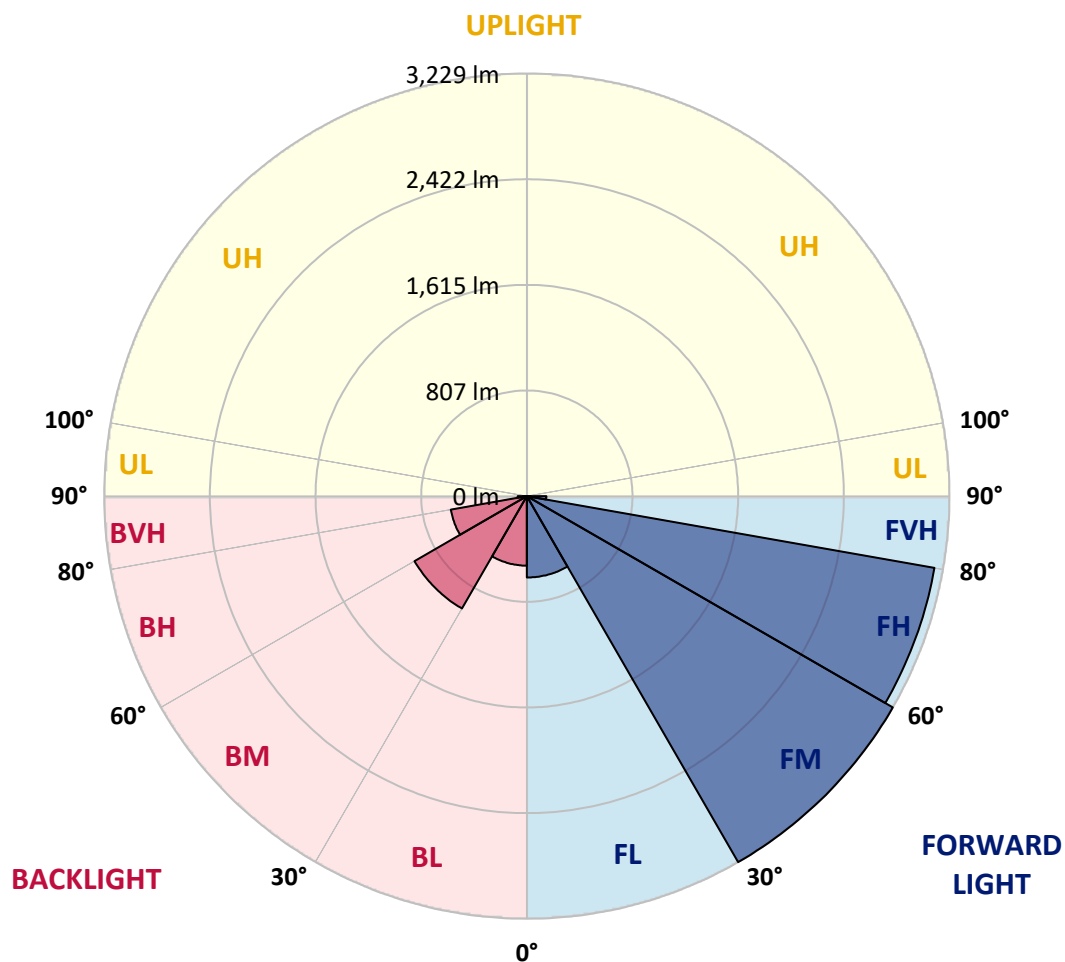
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	621.7	6.7			
FM	(30°-60°)	3229.3	34.6			
FH	(60°-80°)	3162.6	33.8			G2/5000
FVH	(80°-90°)	148.8	1.6			G2/225
BL	(0°-30°)	531.3	5.7	B2/1000		
BM	(30°-60°)	991.2	10.6	B1/1000		
BH	(60°-80°)	590.0	6.3	B2/1000		G2/1000
BVH	(80°-90°)	69.7	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	57°	65°	75°	85°
0°	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0
2.5°	1082.5	1085.9	1092.8	1089.3	1089.3	1079.1	1096.2	1099.6	1092.8	1096.2	1103.0
5°	1082.5	1089.3	1099.6	1092.8	1096.2	1092.8	1085.9	1096.2	1096.2	1099.6	1109.8
7.5°	1140.4	1137.0	1137.0	1126.8	1123.4	1120.0	1123.4	1123.4	1116.6	1120.0	1120.0
10°	1205.1	1205.1	1198.3	1198.3	1191.5	1174.5	1157.4	1154.0	1143.8	1147.2	1147.2
12.5°	1273.2	1280.0	1286.8	1266.4	1259.6	1232.3	1222.1	1201.7	1201.7	1194.9	1191.5
15°	1358.3	1348.1	1354.9	1348.1	1331.0	1303.8	1286.8	1290.2	1266.4	1259.6	1249.3
17.5°	1433.2	1436.6	1426.4	1419.6	1388.9	1368.5	1371.9	1368.5	1337.9	1327.6	1310.6
20°	1521.7	1518.3	1518.3	1497.9	1470.6	1443.4	1433.2	1429.8	1436.6	1416.1	1375.3
22.5°	1613.6	1600.0	1600.0	1583.0	1545.5	1528.5	1521.7	1508.1	1514.9	1497.9	1436.6
25°	1688.5	1688.5	1712.3	1678.3	1657.8	1623.8	1610.2	1613.6	1617.0	1583.0	1511.5
27.5°	1787.2	1770.2	1794.0	1777.0	1766.8	1729.3	1712.3	1722.5	1715.7	1678.3	1579.6
30°	1913.2	1916.6	1903.0	1879.1	1865.5	1838.3	1828.1	1817.8	1828.1	1780.4	1654.4
32.5°	2069.8	2080.0	2045.9	2018.7	1994.9	1967.6	1947.2	1937.0	1947.2	1875.7	1712.3
35°	2250.2	2260.4	2233.2	2202.5	2175.3	2107.2	2090.2	2073.2	2035.7	1920.0	1766.8
37.5°	2417.0	2403.4	2396.6	2396.6	2345.5	2246.8	2236.6	2226.4	2154.9	2008.5	1841.7
40°	2529.3	2546.3	2539.5	2532.7	2525.9	2434.0	2413.6	2396.6	2277.4	2141.2	1947.2
42.5°	2655.3	2645.1	2672.3	2682.5	2658.7	2631.5	2549.8	2491.9	2386.3	2277.4	2103.8
45°	2805.1	2798.3	2808.5	2845.9	2811.9	2822.1	2685.9	2645.1	2512.3	2447.6	2301.2
47.5°	2937.8	2954.9	3005.9	3016.1	2988.9	3036.6	2845.9	2781.2	2696.1	2645.1	2505.5
50°	2995.7	3016.1	3131.9	3203.4	3206.8	3281.7	3005.9	2978.7	2862.9	2883.4	2760.8
52.5°	2948.0	3012.7	3152.3	3339.5	3455.3	3530.2	3217.0	3203.4	3097.8	3162.5	3040.0
55°	2992.3	3053.6	3145.5	3407.6	3700.4	3717.4	3509.7	3458.7	3353.1	3441.7	3329.3
57.5°	3012.7	2978.7	3152.3	3482.5	3880.8	3925.0	3788.9	3751.4	3669.7	3754.8	3690.2
60°	2852.7	2893.6	3057.0	3462.1	3891.0	4146.3	4102.1	4047.6	3972.7	4051.0	4013.6
62.5°	2672.3	2699.5	2876.6	3339.5	3948.9	4306.3	4405.0	4364.2	4258.7	4326.7	4391.4
65°	2444.2	2447.6	2645.1	3121.7	3836.5	4398.2	4670.6	4667.2	4592.3	4575.3	4677.4
67.5°	2165.1	2192.3	2348.9	2890.2	3683.4	4500.4	4932.7	4983.8	4834.0	4701.2	4738.7
70°	1661.3	1688.5	1838.3	2369.3	3370.2	4469.7	5256.1	5283.3	4990.6	4653.5	4558.2
72.5°	864.7	871.5	1024.7	1429.8	2389.8	3969.3	5375.2	5446.7	5031.4	4514.0	4064.6
75°	286.0	286.0	350.6	544.7	1126.8	2539.5	4868.0	4997.4	4830.6	4166.7	3325.9
77.5°	170.2	173.6	207.7	272.3	449.4	1014.5	3431.4	3659.5	3952.3	3543.8	2430.6
80°	122.6	126.0	156.6	187.2	268.9	326.8	1722.5	2039.1	2427.2	2280.8	1297.0
82.5°	91.9	91.9	122.6	139.6	183.8	194.0	480.0	657.0	1048.5	817.0	357.4
85°	95.3	95.3	95.3	98.7	126.0	112.3	200.8	214.5	306.4	268.9	98.7
87.5°	34.0	37.4	95.3	64.7	64.7	47.7	78.3	85.1	108.9	112.3	37.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0	1103.0
2.5°	1106.4	1106.4	1109.8	1109.8	1116.6	1123.4	1133.6	1126.8	1126.8	1130.2	1126.8
5°	1103.0	1106.4	1116.6	1133.6	1140.4	1143.8	1164.2	1164.2	1164.2	1171.0	1171.0
7.5°	1116.6	1123.4	1140.4	1157.4	1160.8	1171.0	1198.3	1205.1	1222.1	1228.9	1232.3
10°	1150.6	1160.8	1174.5	1194.9	1208.5	1222.1	1242.5	1266.4	1263.0	1283.4	1286.8
12.5°	1201.7	1198.3	1222.1	1242.5	1256.2	1276.6	1283.4	1283.4	1283.4	1283.4	1290.2
15°	1242.5	1249.3	1269.8	1283.4	1300.4	1297.0	1283.4	1269.8	1273.2	1269.8	1269.8
17.5°	1303.8	1303.8	1320.8	1324.2	1331.0	1297.0	1276.6	1276.6	1286.8	1286.8	1280.0
20°	1365.1	1361.7	1368.5	1365.1	1320.8	1280.0	1276.6	1280.0	1283.4	1280.0	1276.6
22.5°	1423.0	1416.1	1405.9	1392.3	1314.0	1276.6	1269.8	1252.7	1235.7	1235.7	1225.5
25°	1474.0	1467.2	1440.0	1399.1	1310.6	1256.2	1222.1	1181.3	1160.8	1150.6	1164.2
27.5°	1521.7	1508.1	1470.6	1399.1	1280.0	1201.7	1137.0	1085.9	1068.9	1055.3	1068.9
30°	1586.4	1562.5	1511.5	1388.9	1232.3	1116.6	1028.1	966.8	949.8	929.3	936.2
32.5°	1644.2	1589.8	1545.5	1358.3	1171.0	1021.3	919.1	857.9	827.2	810.2	823.8
35°	1705.5	1651.0	1559.1	1310.6	1075.7	905.5	803.4	745.5	721.7	697.9	697.9
37.5°	1766.8	1736.1	1579.6	1222.1	960.0	796.6	704.7	660.4	619.6	575.3	575.3
40°	1896.1	1855.3	1603.4	1120.0	844.2	691.1	626.4	568.5	527.7	466.4	463.0
42.5°	2032.3	1943.8	1603.4	997.4	742.1	616.2	554.9	493.6	418.7	381.3	384.7
45°	2205.9	2103.8	1559.1	888.5	640.0	554.9	486.8	408.5	374.5	350.6	350.6
47.5°	2423.8	2263.8	1504.7	769.4	558.3	500.4	415.3	367.7	343.8	323.4	320.0
50°	2682.5	2410.2	1436.6	667.2	490.2	449.4	377.9	340.4	320.0	306.4	306.4
52.5°	2954.9	2624.6	1388.9	575.3	435.7	381.3	350.6	326.8	309.8	299.6	296.2
55°	3230.6	2839.1	1354.9	476.6	384.7	350.6	343.8	323.4	316.6	306.4	299.6
57.5°	3540.4	3016.1	1348.1	408.5	343.8	337.0	350.6	333.6	323.4	313.2	303.0
60°	3874.0	3254.4	1286.8	354.0	323.4	330.2	340.4	323.4	316.6	306.4	299.6
62.5°	4204.2	3431.4	1120.0	313.2	303.0	309.8	323.4	309.8	299.6	303.0	306.4
65°	4340.4	3445.1	868.1	282.5	279.1	282.5	303.0	299.6	289.4	309.8	309.8
67.5°	4204.2	3322.5	612.8	255.3	255.3	272.3	306.4	313.2	303.0	330.2	326.8
70°	3894.4	3019.5	415.3	238.3	245.1	289.4	316.6	309.8	296.2	330.2	323.4
72.5°	3305.5	2417.0	303.0	221.3	231.5	275.7	313.2	306.4	296.2	309.8	296.2
75°	2481.7	1719.1	238.3	200.8	204.3	248.5	323.4	306.4	279.1	272.3	262.1
77.5°	1657.8	1062.1	183.8	177.0	177.0	217.9	309.8	286.0	251.9	241.7	238.3
80°	789.8	425.5	146.4	149.8	153.2	187.2	282.5	255.3	228.1	214.5	214.5
82.5°	251.9	160.0	122.6	122.6	122.6	153.2	234.9	214.5	197.4	187.2	170.2
85°	88.5	88.5	105.5	108.9	98.7	112.3	194.0	183.8	163.4	136.2	132.8
87.5°	34.0	51.1	71.5	85.1	61.3	78.3	139.6	129.4	119.1	88.5	85.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)