

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: P671212

Luminaire Tested: **CCP-SA-2E-722-U-SL2**

Issue Date: 04/16/2023

Test Information

Test Method: LM-79-08
Report Number: P671212
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2E-722-U-SL2
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @1050mA w/ SL2
distribution lens
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9967.7 lumens
Efficiency: N/A
Efficacy: 93.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B2 - U0 - G3

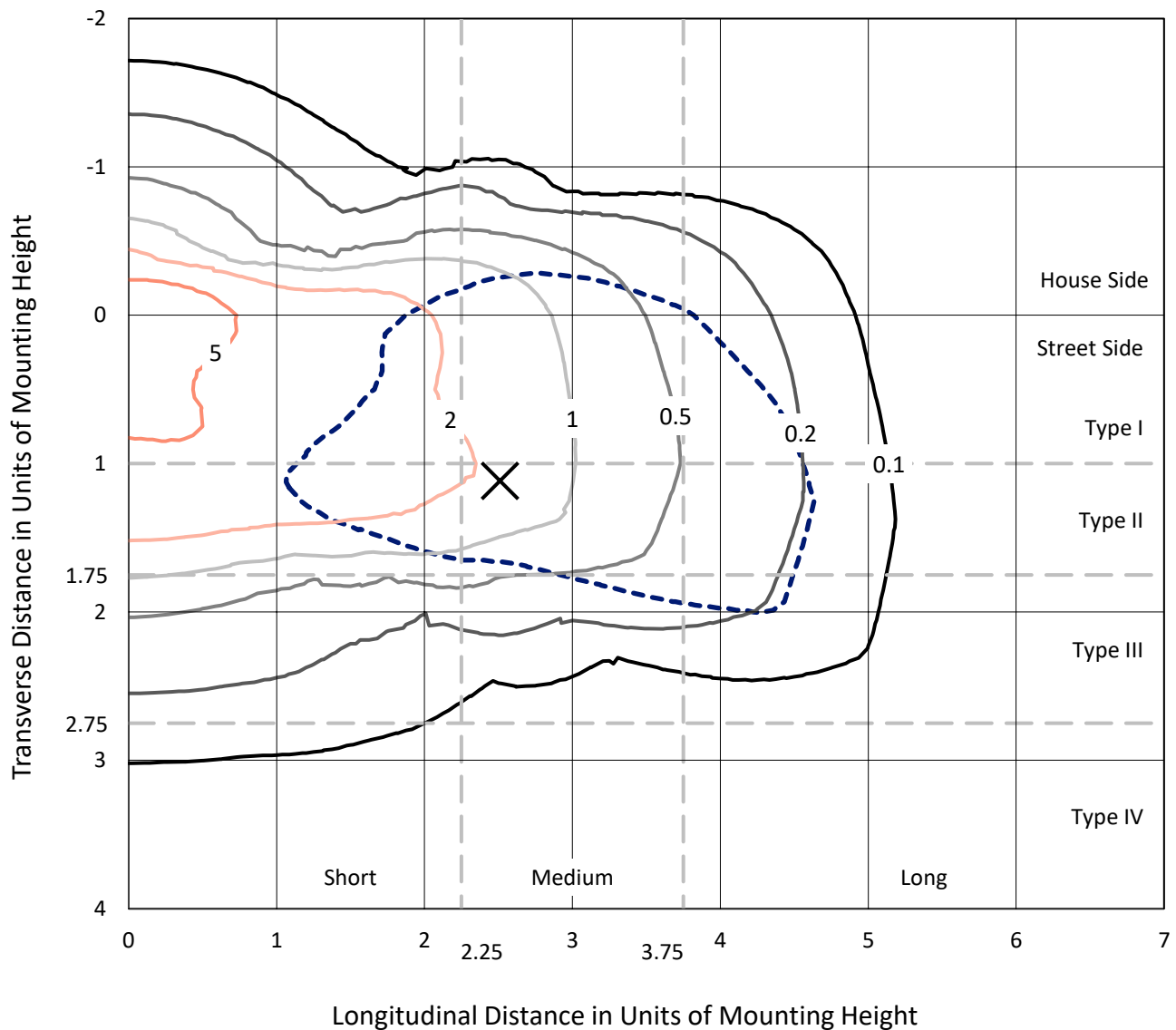
Input Watts (W): 106.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

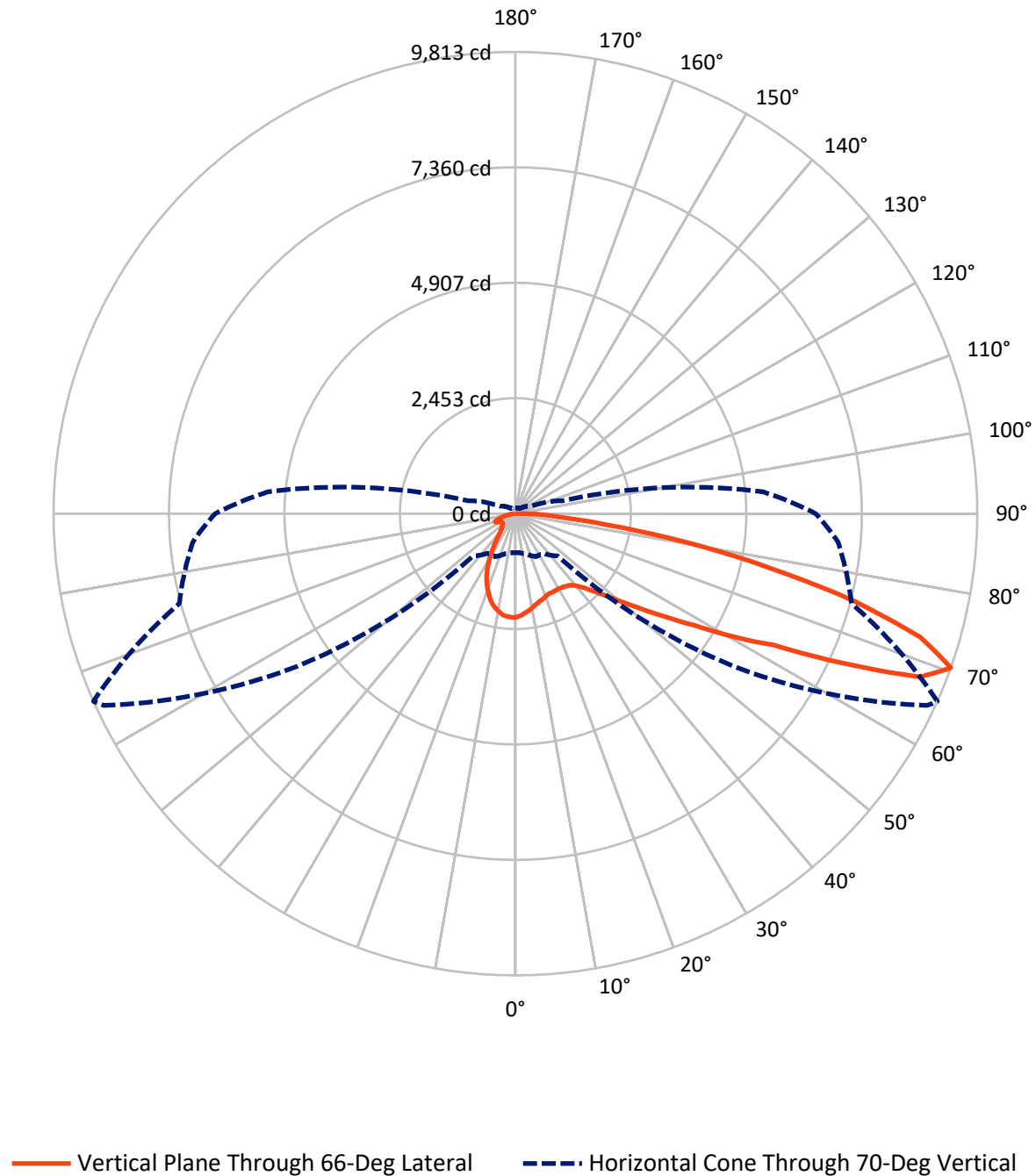


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
Type III - Medium - N/A

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Luminous Intensity Polar Plot



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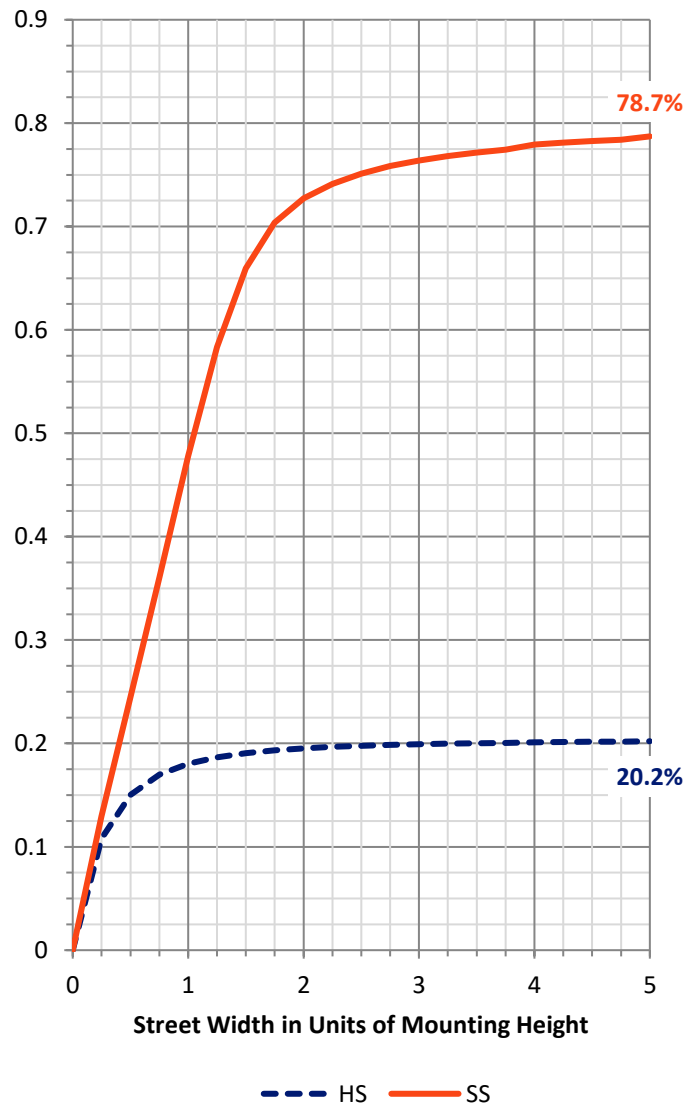
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2040.3	0.0	2040.3
	% Fixture	20.5	0.0	20.5
Street Side	Lumens	7927.5	0.0	7927.5
	% Fixture	79.5	0.0	79.5
Total	Lumens	9967.7	0.0	9967.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.7	2.0
10°-20°	479.3	4.8
20°-30°	658.3	6.6
30°-40°	882.6	8.9
40°-50°	1280.6	12.8
50°-60°	1946.6	19.5
60°-70°	2404.2	24.1
70°-80°	1787.8	17.9
80°-90°	333.5	3.3
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°	9967.7	100.0
0°-180°	9967.7	100.0



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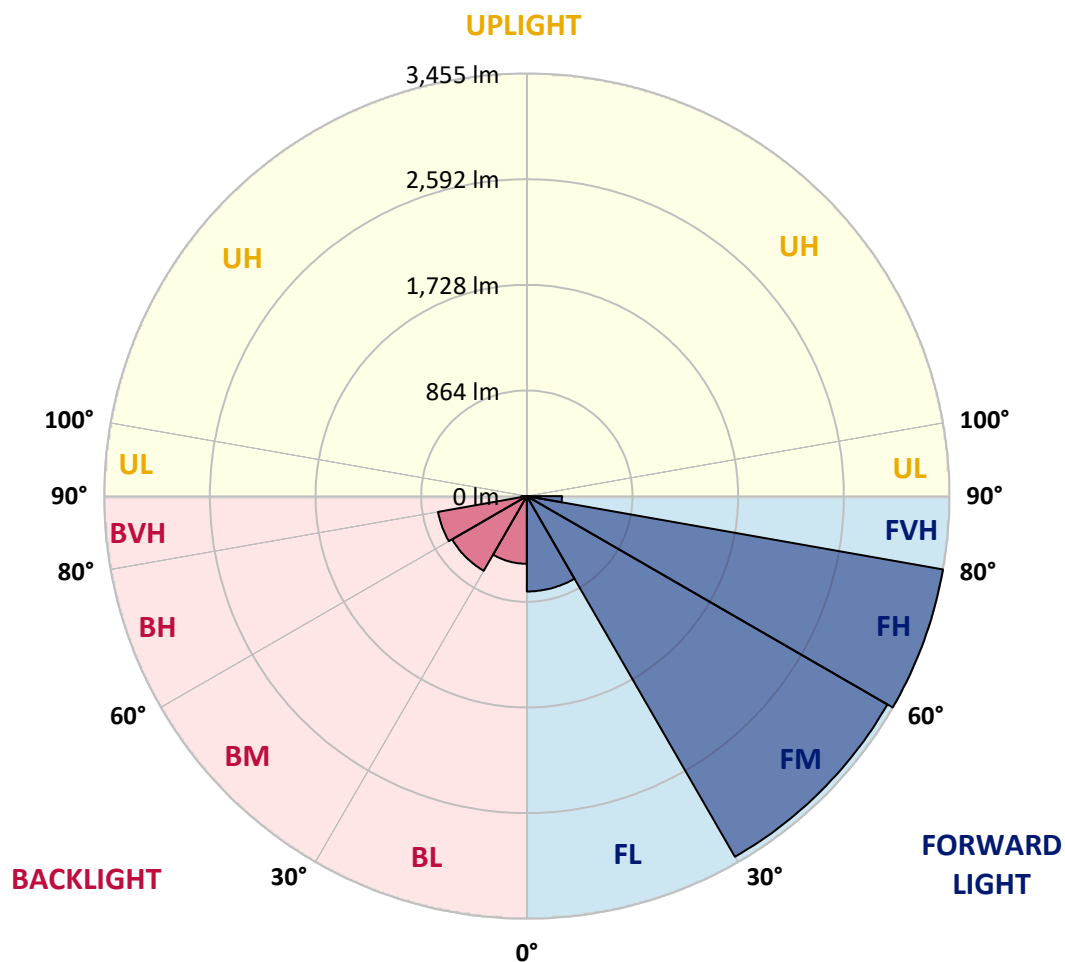
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	779.4	7.8			
FM	(30°-60°)	3405.1	34.2			
FH	(60°-80°)	3455.5	34.7			G2/5000
FVH	(80°-90°)	287.4	2.9			G3/500
BL	(0°-30°)	553.0	5.5	B2/1000		
BM	(30°-60°)	704.8	7.1	B1/1000		
BH	(60°-80°)	736.5	7.4	B2/1000		G2/1000
BVH	(80°-90°)	46.0	0.5			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type III Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2
2.5°	2094.7	2105.8	2109.5	2116.9	2135.4	2150.3	2172.5	2183.6	2172.5	2187.4	2187.4
5°	1950.1	1935.2	1972.3	1987.2	2009.4	2039.1	2091.0	2131.7	2120.6	2165.1	2202.2
7.5°	1827.7	1827.7	1838.9	1872.2	1898.2	1942.7	1998.3	2061.3	2079.8	2139.2	2194.8
10°	1716.5	1731.3	1731.3	1783.2	1798.1	1850.0	1942.7	2020.5	2024.2	2124.3	2202.2
12.5°	1657.2	1649.8	1686.9	1701.7	1746.2	1798.1	1872.2	1968.6	1972.3	2079.8	2187.4
15°	1609.0	1616.4	1635.0	1672.0	1712.8	1753.6	1824.0	1913.0	1931.5	2057.6	2179.9
17.5°	1612.7	1616.4	1616.4	1642.4	1675.7	1723.9	1790.7	1894.5	1905.6	2027.9	2168.8
20°	1635.0	1620.1	1631.2	1642.4	1664.6	1709.1	1764.7	1853.7	1864.8	2024.2	2194.8
22.5°	1683.1	1672.0	1668.3	1664.6	1660.9	1686.9	1757.3	1831.4	1842.6	2005.7	2205.9
25°	1761.0	1757.3	1731.3	1705.4	1686.9	1686.9	1742.5	1850.0	1846.3	2005.7	2213.3
27.5°	1853.7	1853.7	1850.0	1801.8	1746.2	1716.5	1753.6	1842.6	1838.9	2005.7	2231.8
30°	1979.7	1979.7	1968.6	1924.1	1824.0	1738.8	1761.0	1835.2	1846.3	1990.9	2217.0
32.5°	2116.9	2113.2	2124.3	2083.5	1979.7	1842.6	1805.5	1850.0	1861.1	2005.7	2220.7
35°	2217.0	2239.3	2276.3	2239.3	2135.4	1950.1	1868.5	1879.6	1887.1	2009.4	2235.5
37.5°	2331.9	2357.9	2409.8	2439.5	2328.2	2113.2	1968.6	1927.8	1927.8	2057.6	2239.3
40°	2498.8	2472.8	2561.8	2613.7	2569.2	2313.4	2124.3	2016.8	2020.5	2120.6	2287.4
42.5°	2621.1	2647.1	2739.7	2832.4	2776.8	2558.1	2294.9	2161.4	2161.4	2213.3	2361.6
45°	2758.3	2787.9	2917.7	3028.9	3069.7	2851.0	2528.4	2369.0	2361.6	2395.0	2495.1
47.5°	2910.3	2951.1	3099.4	3229.1	3336.6	3155.0	2828.7	2621.1	2617.4	2643.4	2717.5
50°	3084.5	3099.4	3221.7	3459.0	3674.0	3559.1	3195.8	2977.0	2958.5	2969.6	3069.7
52.5°	3136.4	3125.3	3266.2	3522.0	3915.0	4052.2	3696.3	3381.1	3373.7	3347.8	3477.5
55°	2947.4	2984.4	3121.6	3447.9	4111.5	4634.2	4244.9	3933.5	3866.8	3796.4	3952.1
57.5°	2569.2	2572.9	2728.6	3114.2	3959.5	5116.2	5175.5	4474.8	4478.5	4289.4	4467.4
60°	1998.3	1987.2	2109.5	2458.0	3525.7	5264.5	6191.3	5338.6	5301.5	4782.5	4945.6
62.5°	1442.2	1419.9	1445.9	1649.8	2635.9	5038.3	7188.6	6306.2	6150.5	5286.7	5412.8
65°	1186.4	1197.5	1208.6	1219.7	1479.2	4156.0	7496.3	7885.6	7678.0	5876.2	5928.1
67.5°	982.5	989.9	1038.1	1104.8	1097.4	2454.3	7140.4	9346.3	9268.4	6606.5	6373.0
70°	834.2	830.5	886.1	1008.4	1026.9	1275.3	5653.7	9646.6	9813.4	7392.5	6877.2
72.5°	667.3	674.7	722.9	886.1	1008.4	1075.1	3255.1	9001.5	8997.8	7996.8	6606.5
75°	478.3	478.3	545.0	734.1	975.0	1064.0	1801.8	7307.2	7444.4	7514.8	5731.6
77.5°	315.1	330.0	381.9	548.7	915.7	1041.8	1141.9	5312.7	5483.2	5620.4	4385.8
80°	215.0	222.4	255.8	381.9	774.8	1049.2	934.3	3573.9	3640.6	3103.1	1779.5
82.5°	129.8	133.5	170.5	266.9	556.1	997.3	878.6	1972.3	1931.5	938.0	511.6
85°	70.4	74.1	107.5	178.0	367.0	871.2	863.8	967.6	900.9	344.8	215.0
87.5°	26.0	26.0	48.2	89.0	211.3	596.9	752.6	574.6	537.6	174.2	100.1
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°	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2	2202.2
2.5°	2205.9	2205.9	2205.9	2205.9	2202.2	2187.4	2198.5	2194.8	2172.5	2176.2	2161.4
5°	2198.5	2217.0	2205.9	2191.1	2172.5	2128.0	2113.2	2102.1	2072.4	2061.3	2072.4
7.5°	2217.0	2202.2	2194.8	2168.8	2094.7	2053.9	2002.0	1939.0	1894.5	1883.3	1894.5
10°	2213.3	2213.3	2179.9	2105.8	2035.3	1916.7	1850.0	1738.8	1675.7	1657.2	1660.9
12.5°	2198.5	2209.6	2157.7	2039.1	1905.6	1761.0	1638.7	1520.0	1408.8	1364.3	1356.9
15°	2213.3	2202.2	2109.5	1957.5	1772.1	1571.9	1394.0	1219.7	1115.9	1049.2	1034.4
17.5°	2191.1	2179.9	2046.5	1846.3	1597.9	1342.1	1119.6	930.6	826.7	800.8	800.8
20°	2217.0	2146.6	1972.3	1712.8	1416.2	1090.0	837.9	697.0	671.0	671.0	678.4
22.5°	2213.3	2139.2	1909.3	1583.0	1197.5	823.0	622.8	582.1	585.8	615.4	611.7
25°	2191.1	2124.3	1820.3	1438.5	967.6	619.1	515.3	504.2	530.2	563.5	559.8
27.5°	2187.4	2083.5	1738.8	1267.9	737.8	489.4	448.6	448.6	474.5	504.2	500.5
30°	2165.1	2050.2	1638.7	1075.1	556.1	426.3	411.5	411.5	422.6	437.5	437.5
32.5°	2161.4	2005.7	1527.4	874.9	444.9	385.6	378.2	381.9	381.9	389.3	385.6
35°	2131.7	1946.4	1412.5	678.4	385.6	363.3	355.9	352.2	352.2	348.5	348.5
37.5°	2120.6	1909.3	1293.9	526.4	359.6	344.8	337.4	326.2	322.5	322.5	318.8
40°	2131.7	1872.2	1178.9	426.3	337.4	330.0	318.8	304.0	300.3	300.3	300.3
42.5°	2172.5	1868.5	1060.3	370.7	326.2	315.1	300.3	285.5	281.8	285.5	281.8
45°	2265.2	1898.2	945.4	344.8	311.4	300.3	281.8	270.6	266.9	270.6	270.6
47.5°	2417.2	1979.7	841.6	330.0	300.3	285.5	266.9	255.8	255.8	255.8	255.8
50°	2669.3	2135.4	741.5	318.8	292.9	274.3	255.8	241.0	237.3	237.3	241.0
52.5°	3047.5	2402.4	659.9	311.4	281.8	259.5	241.0	229.9	222.4	218.7	222.4
55°	3503.5	2791.7	634.0	304.0	266.9	248.4	229.9	215.0	207.6	207.6	203.9
57.5°	3992.8	3221.7	678.4	296.6	255.8	233.6	215.0	200.2	192.8	189.1	189.1
60°	4523.0	3729.6	841.6	292.9	244.7	218.7	200.2	189.1	178.0	174.2	174.2
62.5°	5005.0	4189.3	1134.5	289.2	237.3	203.9	185.4	170.5	163.1	159.4	159.4
65°	5553.6	4701.0	1419.9	304.0	233.6	192.8	170.5	155.7	148.3	144.6	144.6
67.5°	6031.9	5145.8	1586.8	341.1	244.7	178.0	152.0	140.9	137.2	133.5	133.5
70°	6380.4	5283.0	1064.0	374.4	263.2	166.8	137.2	129.8	122.3	122.3	122.3
72.5°	5913.3	4715.8	630.3	352.2	248.4	155.7	122.3	114.9	111.2	111.2	107.5
75°	5056.9	4015.1	485.7	285.5	200.2	133.5	107.5	100.1	96.4	96.4	92.7
77.5°	3733.3	2876.9	359.6	226.1	155.7	107.5	92.7	89.0	85.3	81.6	81.6
80°	1460.7	1260.5	244.7	166.8	114.9	85.3	77.9	74.1	70.4	66.7	66.7
82.5°	452.3	381.9	140.9	111.2	81.6	66.7	63.0	59.3	55.6	51.9	51.9
85°	196.5	189.1	92.7	70.4	55.6	44.5	44.5	40.8	37.1	33.4	33.4
87.5°	96.4	92.7	51.9	33.4	29.7	22.2	22.2	18.5	14.8	14.8	14.8
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)