

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723860

Luminaire Tested: **IFLD-L-SA7E-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723860
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	23746.4 lumens	Max Intensity:	558669.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.6 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	8611.4 lumens	Field Lumens:	13728.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

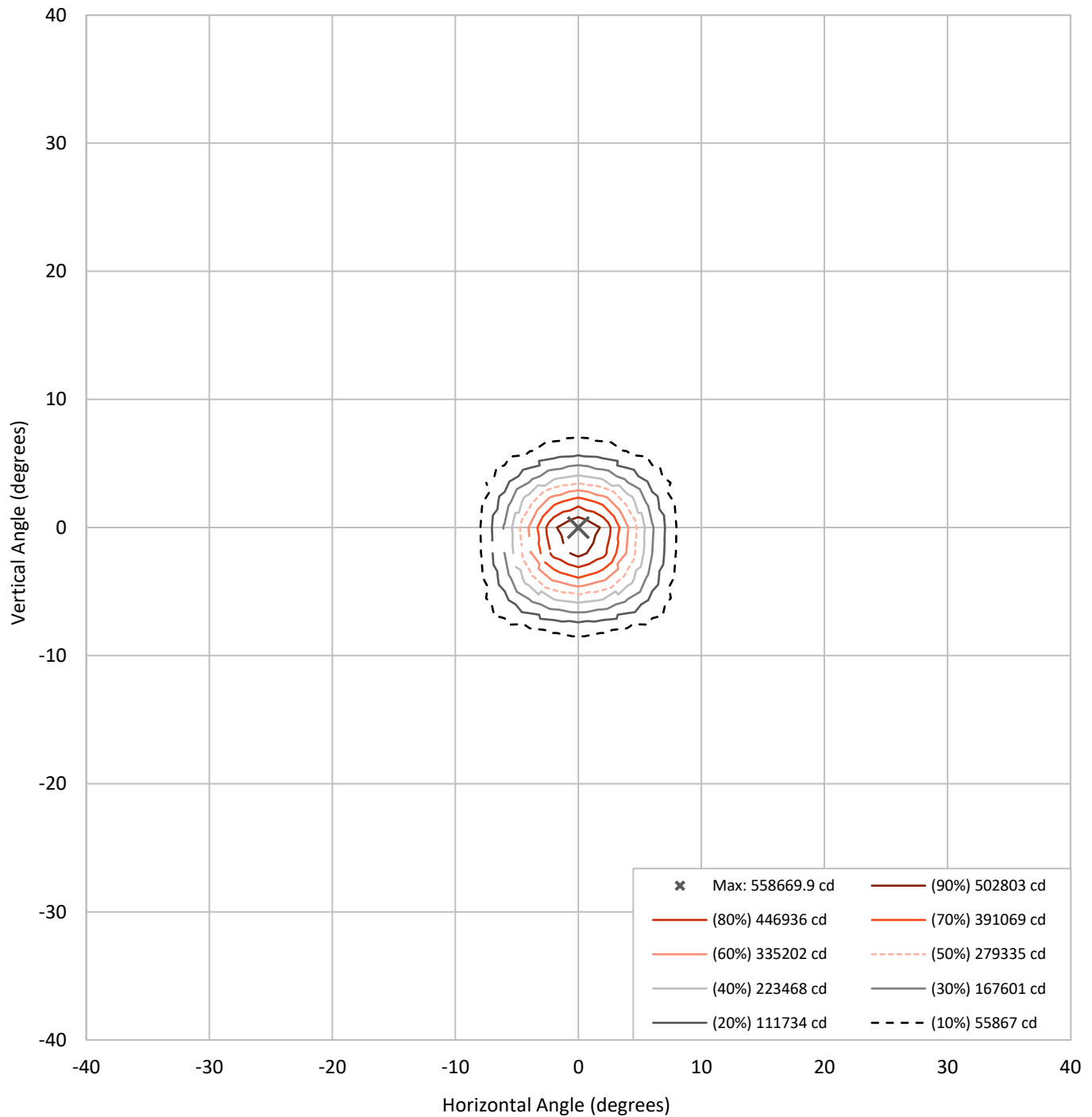
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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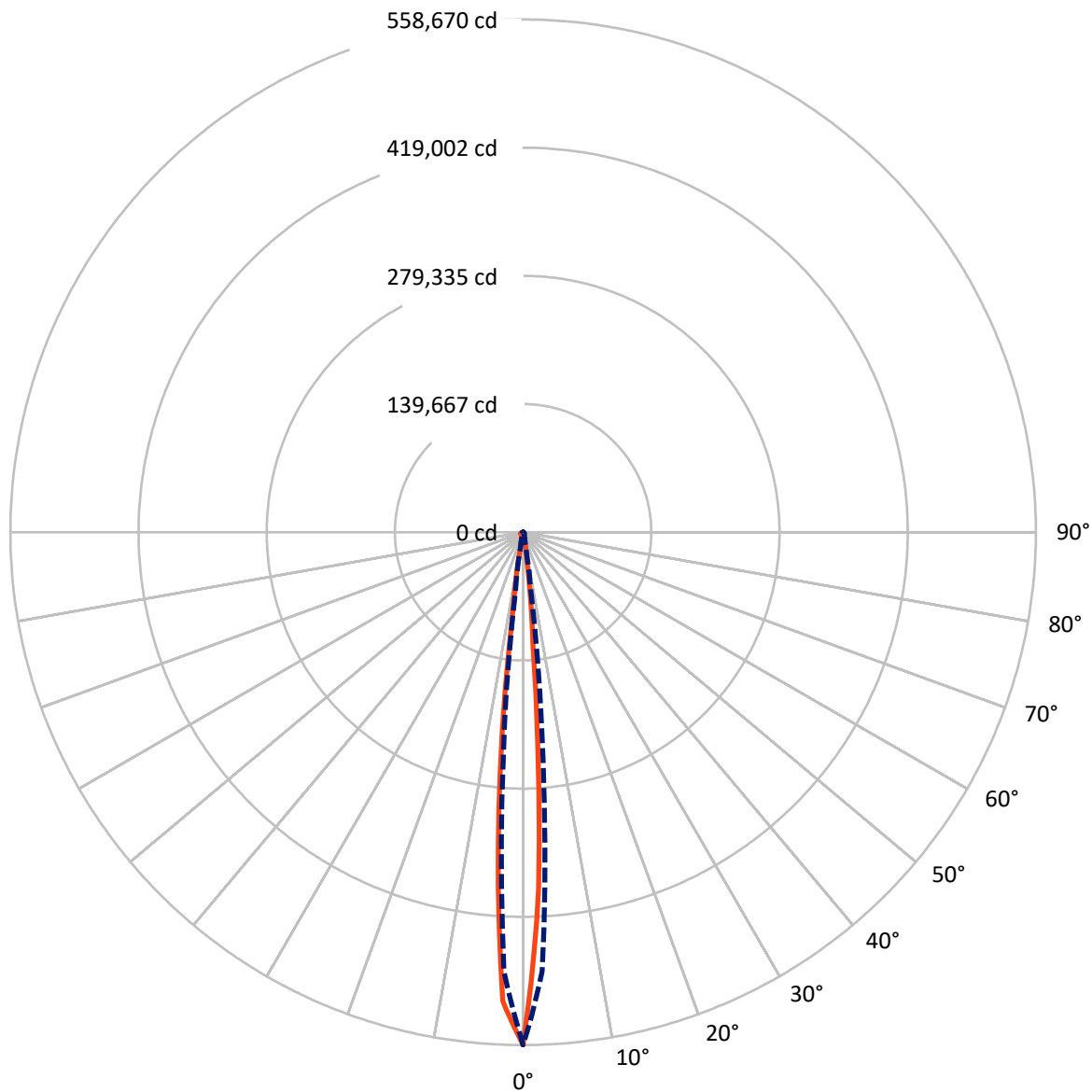
Iso-Candela Plot



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Luminous Intensity Polar Plot



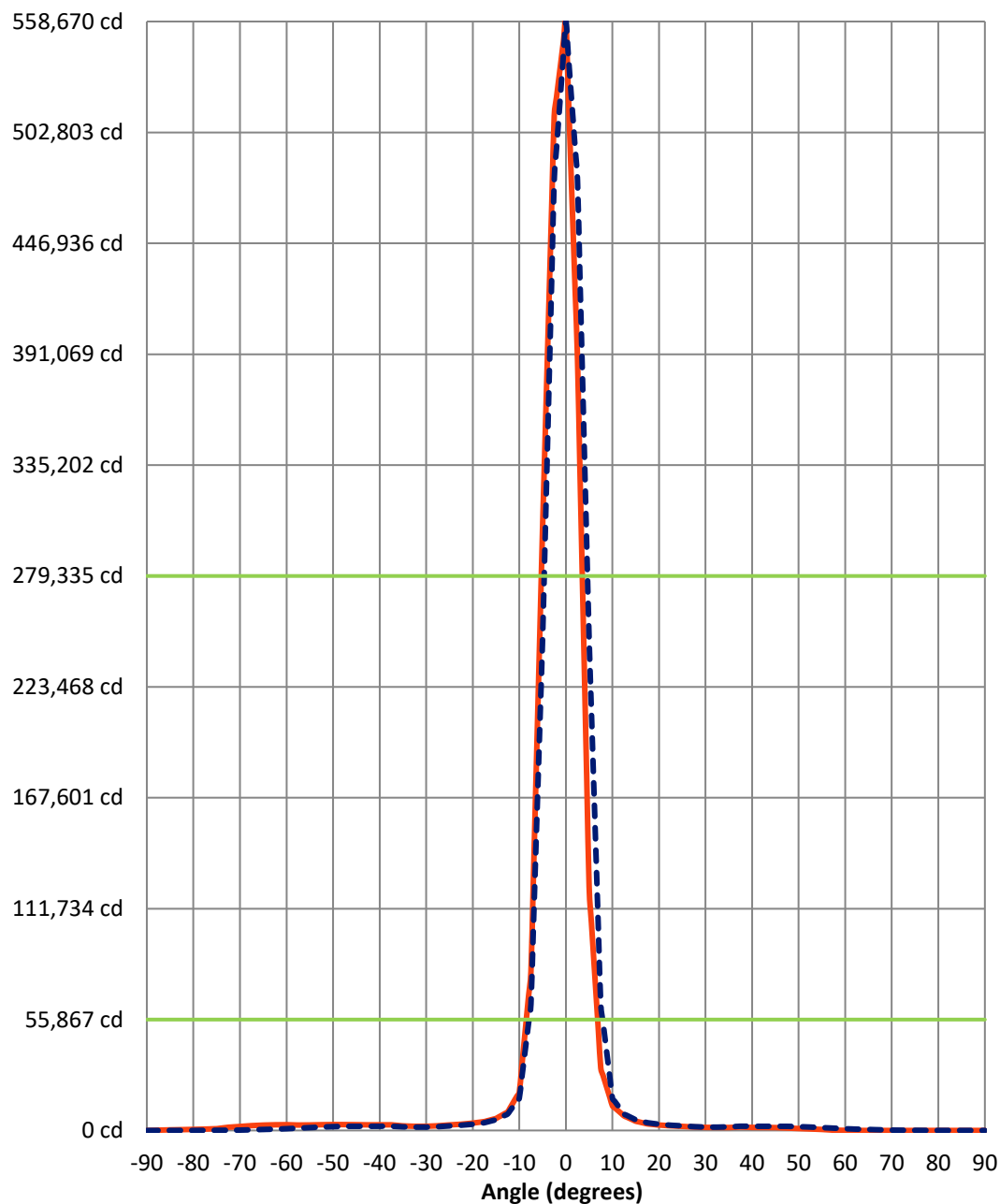
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 8611.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 13728.3

Efficiency: 57.8%

Spill:

Lumens: 10018.1

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
85°	0.0	5.5	5.5	11.0	11.0	11.0	16.4	21.9	27.4	27.4	32.9
82.5°	0.0	5.5	5.5	11.0	11.0	16.4	16.4	27.4	32.9	38.4	49.3
80°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	21.9	27.4	38.4	43.9
77.5°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	16.4	21.9	27.4	32.9
75°	0.0	5.5	5.5	5.5	11.0	11.0	11.0	11.0	16.4	16.4	21.9
72.5°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.4	16.4	16.4
70°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.4	16.4	16.4
67.5°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	11.0	16.4	16.4	16.4
65°	0.0	0.0	0.0	5.5	5.5	11.0	11.0	16.4	16.4	16.4	16.4
62.5°	5.5	5.5	5.5	11.0	16.4	16.4	21.9	27.4	27.4	27.4	27.4
60°	54.8	60.3	65.8	65.8	60.3	60.3	65.8	65.8	65.8	65.8	65.8
57.5°	148.0	159.0	164.5	164.5	164.5	159.0	180.9	186.4	164.5	153.5	169.9
55°	515.3	531.7	520.8	504.3	471.4	433.1	422.1	416.6	422.1	394.7	350.8
52.5°	751.0	767.4	762.0	751.0	729.1	701.7	679.7	657.8	635.9	592.0	542.7
50°	975.8	981.2	975.8	964.8	942.9	915.5	871.6	822.3	778.4	767.4	723.6
47.5°	1227.9	1244.4	1244.4	1238.9	1222.4	1173.1	1107.3	1036.1	1003.2	992.2	948.3
45°	1452.7	1463.6	1469.1	1474.6	1469.1	1419.8	1359.5	1321.1	1249.8	1227.9	1227.9
42.5°	1513.0	1518.5	1523.9	1529.4	1545.9	1507.5	1458.2	1392.4	1375.9	1370.4	1359.5
40°	1534.9	1523.9	1529.4	1534.9	1540.4	1513.0	1474.6	1436.2	1425.3	1414.3	1414.3
37.5°	1743.2	1693.9	1655.5	1622.6	1595.2	1567.8	1529.4	1496.5	1469.1	1447.2	1469.1
35°	1485.6	1485.6	1523.9	1556.8	1589.7	1622.6	1628.1	1589.7	1529.4	1502.0	1540.4
32.5°	1518.5	1518.5	1518.5	1529.4	1540.4	1567.8	1595.2	1611.6	1655.5	1606.2	1606.2
30°	1551.3	1556.8	1567.8	1573.3	1556.8	1545.9	1534.9	1534.9	1562.3	1633.6	1671.9
27.5°	1743.2	1743.2	1726.8	1704.8	1655.5	1578.8	1540.4	1485.6	1491.0	1523.9	1617.1
25°	2055.7	2044.7	2006.3	1951.5	1863.8	1754.2	1650.0	1534.9	1485.6	1469.1	1507.5
22.5°	2351.7	2335.2	2285.9	2236.6	2165.3	2055.7	1880.2	1704.8	1551.3	1485.6	1469.1
20°	2729.9	2691.6	2636.7	2560.0	2444.9	2335.2	2181.7	1951.5	1726.8	1556.8	1491.0
17.5°	3338.4	3289.1	3184.9	3047.9	2850.5	2680.6	2461.3	2242.0	1989.9	1715.8	1567.8
15°	4670.5	4544.4	4363.5	3985.3	3596.0	3272.6	2943.7	2576.4	2318.8	1957.0	1732.2
12.5°	7345.6	7000.2	6474.0	5591.4	4719.8	3968.8	3437.1	2965.6	2549.0	2214.6	1896.7
10°	12432.7	11692.6	10240.0	7828.0	6221.8	4840.4	3886.6	3256.2	2729.9	2384.6	2033.7
7.5°	31443.5	25649.2	18150.2	12394.3	8140.4	5914.8	4445.7	3530.3	2921.8	2494.2	2143.4
5°	122550.6	100952.4	53853.0	22475.3	12246.3	7153.7	4950.0	3749.5	3047.9	2576.4	2225.6
2.5°	388937.6	335874.0	176217.2	48382.2	15036.5	8058.2	5295.4	3886.6	3119.1	2636.7	2285.9
0°	558669.9	478800.4	247310.4	63632.5	16308.3	8288.4	5405.0	3914.0	3130.1	2647.7	2285.9
-2.5°	511088.0	447302.1	238901.3	59214.2	16664.6	8354.2	5492.7	4007.2	3212.3	2697.0	2302.3
-5°	303685.0	266376.0	166651.5	42220.6	14806.3	7756.7	5262.5	3925.0	3157.5	2669.6	2291.4
-7.5°	80012.0	69267.7	45564.5	22031.3	9582.1	6561.7	4834.9	3787.9	3086.2	2620.3	2247.5
-10°	19290.4	18281.7	16330.2	10009.7	7460.7	5481.8	4286.7	3541.2	2943.7	2554.5	2176.3
-12.5°	9302.6	9083.3	8244.6	6797.4	5536.6	4555.4	3881.1	3283.6	2812.2	2439.4	2077.6
-15°	6051.9	5925.8	5640.7	5087.1	4445.7	3974.3	3502.9	3020.5	2647.7	2269.5	1995.4
-17.5°	4478.6	4473.1	4330.6	4122.3	3804.4	3453.5	3108.2	2801.2	2439.4	2116.0	1907.7
-20°	3711.2	3711.2	3628.9	3491.9	3267.1	3036.9	2806.7	2521.6	2225.6	1984.4	1896.7

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3152.0	3157.5	3113.6	3025.9	2905.3	2713.5	2488.7	2258.5	2044.7	1957.0	1929.6
-25°	2790.2	2779.3	2729.9	2647.7	2521.6	2368.1	2220.1	2066.6	2006.3	1984.4	2022.8
-27.5°	2362.6	2379.1	2357.2	2318.8	2236.6	2126.9	2094.0	2050.2	2061.1	2094.0	2242.0
-30°	2110.5	2126.9	2148.9	2165.3	2137.9	2110.5	2121.4	2154.3	2225.6	2351.7	2406.5
-32.5°	2110.5	2116.0	2148.9	2181.7	2198.2	2220.1	2280.4	2390.1	2494.2	2461.3	2450.4
-35°	2302.3	2285.9	2329.8	2373.6	2433.9	2510.7	2576.4	2554.5	2516.1	2505.2	2516.1
-37.5°	2850.5	2746.4	2702.5	2675.1	2658.7	2647.7	2631.3	2614.8	2598.4	2587.4	2603.8
-40°	2845.0	2817.6	2790.2	2768.3	2751.9	2729.9	2719.0	2713.5	2697.0	2686.1	2675.1
-42.5°	2834.1	2845.0	2845.0	2839.6	2845.0	2839.6	2823.1	2801.2	2773.8	2751.9	2729.9
-45°	2916.3	2921.8	2932.8	2943.7	2960.2	2938.2	2905.3	2867.0	2828.6	2795.7	2768.3
-47.5°	2965.6	2971.1	2982.1	2998.5	3009.5	2987.6	2943.7	2894.4	2834.1	2779.3	2724.4
-50°	2982.1	2998.5	3004.0	3004.0	2998.5	2971.1	2905.3	2834.1	2768.3	2713.5	2664.1
-52.5°	2905.3	2921.8	2927.3	2916.3	2910.8	2883.4	2823.1	2757.3	2686.1	2647.7	2603.8
-55°	2779.3	2801.2	2817.6	2817.6	2817.6	2812.2	2757.3	2697.0	2642.2	2598.4	2554.5
-57.5°	2729.9	2768.3	2801.2	2806.7	2812.2	2817.6	2779.3	2719.0	2653.2	2587.4	2532.6
-60°	2910.8	2943.7	2960.2	2938.2	2921.8	2905.3	2845.0	2773.8	2708.0	2642.2	2538.1
-62.5°	2861.5	2916.3	2943.7	2927.3	2905.3	2877.9	2812.2	2729.9	2653.2	2581.9	2477.8
-65°	2702.5	2751.9	2784.7	2757.3	2724.4	2686.1	2625.8	2549.0	2477.8	2406.5	2313.3
-67.5°	2433.9	2505.2	2560.0	2499.7	2455.8	2406.5	2357.2	2291.4	2220.1	2137.9	2050.2
-70°	2011.8	2066.6	2116.0	2099.5	2088.6	2077.6	2044.7	1978.9	1918.6	1852.8	1776.1
-72.5°	1617.1	1666.5	1710.3	1682.9	1661.0	1628.1	1578.8	1507.5	1436.2	1365.0	1293.7
-75°	893.5	910.0	926.4	920.9	920.9	920.9	920.9	926.4	915.5	899.0	866.1
-77.5°	685.2	707.1	723.6	734.6	751.0	772.9	789.4	762.0	734.6	707.1	674.3
-80°	537.2	559.1	575.6	635.9	679.7	729.1	762.0	723.6	685.2	652.3	624.9
-82.5°	405.7	422.1	438.5	471.4	493.4	520.8	542.7	542.7	537.2	531.7	515.3
-85°	296.0	317.9	339.9	350.8	367.3	367.3	372.8	350.8	328.9	312.5	290.5
-87.5°	169.9	175.4	175.4	175.4	180.9	180.9	180.9	169.9	164.5	153.5	148.0
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	5.5	5.5	11.0	11.0	16.4	16.4	21.9	21.9	27.4	27.4
85°	32.9	32.9	32.9	38.4	38.4	43.9	49.3	54.8	60.3	60.3	65.8
82.5°	54.8	60.3	65.8	71.3	76.7	82.2	87.7	93.2	109.6	120.6	126.1
80°	54.8	60.3	76.7	87.7	98.7	109.6	109.6	109.6	109.6	115.1	126.1
77.5°	38.4	43.9	49.3	60.3	87.7	109.6	126.1	137.0	126.1	120.6	109.6
75°	21.9	27.4	32.9	38.4	54.8	76.7	104.2	131.6	153.5	148.0	137.0
72.5°	21.9	21.9	27.4	32.9	38.4	43.9	49.3	76.7	109.6	137.0	153.5
70°	21.9	27.4	27.4	32.9	38.4	43.9	49.3	60.3	76.7	109.6	142.5
67.5°	21.9	27.4	27.4	38.4	49.3	54.8	60.3	54.8	49.3	71.3	104.2
65°	21.9	21.9	27.4	32.9	38.4	43.9	60.3	60.3	54.8	54.8	54.8
62.5°	32.9	32.9	32.9	32.9	38.4	38.4	38.4	49.3	49.3	49.3	49.3
60°	65.8	60.3	60.3	60.3	60.3	49.3	49.3	49.3	43.9	49.3	43.9
57.5°	159.0	131.6	120.6	120.6	104.2	98.7	82.2	60.3	60.3	49.3	49.3
55°	323.4	307.0	257.6	213.8	191.9	169.9	131.6	109.6	82.2	65.8	60.3
52.5°	498.8	455.0	411.1	356.3	301.5	257.6	219.3	169.9	137.0	98.7	76.7
50°	652.3	614.0	564.6	504.3	433.1	378.2	323.4	257.6	202.8	153.5	109.6
47.5°	888.0	811.3	751.0	679.7	597.5	520.8	449.5	372.8	285.1	224.8	169.9
45°	1140.2	1030.6	948.3	882.6	772.9	668.8	586.6	504.3	400.2	296.0	230.2
42.5°	1315.6	1233.4	1123.8	1036.1	937.4	827.7	718.1	630.4	520.8	400.2	296.0
40°	1408.8	1354.0	1266.3	1189.5	1085.4	964.8	849.7	762.0	646.8	515.3	372.8
37.5°	1480.1	1452.7	1408.8	1348.5	1249.8	1107.3	992.2	888.0	789.4	635.9	482.4
35°	1562.3	1556.8	1529.4	1502.0	1419.8	1282.7	1145.7	1025.1	904.5	762.0	592.0
32.5°	1639.1	1633.6	1617.1	1606.2	1573.3	1452.7	1304.7	1167.6	1030.6	882.6	696.2
30°	1677.4	1666.5	1666.5	1677.4	1644.5	1567.8	1458.2	1310.1	1156.7	981.2	805.8
27.5°	1677.4	1666.5	1671.9	1688.4	1682.9	1644.5	1562.3	1441.7	1271.8	1074.4	904.5
25°	1606.2	1661.0	1661.0	1682.9	1688.4	1677.4	1633.6	1556.8	1381.4	1173.1	981.2
22.5°	1507.5	1639.1	1688.4	1682.9	1688.4	1715.8	1721.3	1650.0	1485.6	1271.8	1058.0
20°	1507.5	1600.7	1743.2	1704.8	1715.8	1776.1	1803.5	1743.2	1595.2	1365.0	1134.7
17.5°	1540.4	1600.7	1721.3	1781.6	1798.0	1847.4	1891.2	1852.8	1693.9	1463.6	1238.9
15°	1633.6	1622.6	1704.8	1852.8	1880.2	1918.6	1968.0	1924.1	1781.6	1573.3	1337.6
12.5°	1699.4	1639.1	1704.8	1863.8	1951.5	1989.9	2006.3	1973.4	1858.3	1671.9	1436.2
10°	1787.1	1682.9	1715.8	1852.8	1978.9	2006.3	2022.8	2011.8	1929.6	1754.2	1523.9
7.5°	1852.8	1704.8	1704.8	1836.4	2006.3	2028.3	2039.2	2050.2	1989.9	1825.4	1600.7
5°	1880.2	1704.8	1693.9	1820.0	2033.7	2055.7	2055.7	2072.1	2033.7	1880.2	1655.5
2.5°	1885.7	1699.4	1682.9	1809.0	2083.1	2083.1	2072.1	2088.6	2066.6	1913.1	1693.9
0°	1913.1	1693.9	1677.4	1825.4	2137.9	2116.0	2088.6	2094.0	2083.1	1929.6	1715.8
-2.5°	1913.1	1721.3	1699.4	1836.4	2132.4	2126.9	2116.0	2121.4	2110.5	1978.9	1759.7
-5°	1940.5	1759.7	1737.7	1885.7	2126.9	2143.4	2148.9	2148.9	2132.4	2011.8	1787.1
-7.5°	1946.0	1787.1	1781.6	1935.1	2137.9	2165.3	2181.7	2192.7	2159.8	2033.7	1809.0
-10°	1918.6	1798.0	1825.4	1995.4	2148.9	2187.2	2220.1	2236.6	2181.7	2044.7	1820.0
-12.5°	1858.3	1798.0	1869.3	2072.1	2176.3	2220.1	2269.5	2274.9	2203.7	2050.2	1825.4
-15°	1852.8	1841.9	1946.0	2148.9	2192.7	2247.5	2324.3	2307.8	2220.1	2050.2	1825.4
-17.5°	1847.4	1902.2	2061.1	2176.3	2220.1	2280.4	2340.7	2324.3	2231.1	2050.2	1814.5
-20°	1896.7	2000.8	2198.2	2203.7	2253.0	2318.8	2351.7	2318.8	2214.6	2033.7	1798.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1978.9	2176.3	2242.0	2264.0	2307.8	2357.2	2373.6	2324.3	2198.2	2006.3	1770.6
-25°	2187.2	2285.9	2285.9	2335.2	2379.1	2401.0	2384.6	2329.8	2176.3	1978.9	1743.2
-27.5°	2346.2	2340.7	2368.1	2417.5	2455.8	2455.8	2412.0	2302.3	2143.4	1951.5	1704.8
-30°	2406.5	2412.0	2450.4	2505.2	2516.1	2488.7	2422.9	2280.4	2116.0	1907.7	1655.5
-32.5°	2466.8	2488.7	2538.1	2565.5	2571.0	2516.1	2395.5	2242.0	2072.1	1858.3	1600.7
-35°	2538.1	2581.9	2609.3	2614.8	2587.4	2494.2	2357.2	2192.7	2006.3	1787.1	1551.3
-37.5°	2631.3	2653.2	2669.6	2647.7	2571.0	2461.3	2291.4	2126.9	1946.0	1710.3	1480.1
-40°	2691.6	2702.5	2708.0	2636.7	2543.5	2384.6	2220.1	2050.2	1841.9	1622.6	1403.3
-42.5°	2729.9	2719.0	2675.1	2598.4	2461.3	2307.8	2148.9	1957.0	1748.7	1534.9	1321.1
-45°	2719.0	2680.6	2614.8	2521.6	2379.1	2225.6	2039.2	1847.4	1650.0	1441.7	1227.9
-47.5°	2675.1	2614.8	2532.6	2422.9	2291.4	2105.0	1918.6	1732.2	1540.4	1337.6	1140.2
-50°	2620.3	2549.0	2450.4	2313.3	2137.9	1968.0	1798.0	1617.1	1419.8	1233.4	1058.0
-52.5°	2560.0	2483.2	2357.2	2203.7	2011.8	1836.4	1671.9	1496.5	1315.6	1140.2	986.7
-55°	2494.2	2417.5	2274.9	2099.5	1907.7	1715.8	1556.8	1408.8	1233.4	1063.5	926.4
-57.5°	2461.3	2362.6	2214.6	2039.2	1836.4	1639.1	1502.0	1343.0	1184.1	1008.6	877.1
-60°	2433.9	2335.2	2198.2	1995.4	1803.5	1617.1	1458.2	1304.7	1134.7	970.3	838.7
-62.5°	2357.2	2253.0	2126.9	1929.6	1743.2	1573.3	1430.7	1249.8	1085.4	931.9	811.3
-65°	2203.7	2094.0	1984.4	1809.0	1639.1	1480.1	1337.6	1173.1	1019.6	888.0	783.9
-67.5°	1962.5	1869.3	1770.6	1622.6	1480.1	1337.6	1206.0	1063.5	937.4	844.2	789.4
-70°	1693.9	1595.2	1496.5	1375.9	1255.3	1140.2	1036.1	931.9	849.7	800.3	756.5
-72.5°	1233.4	1189.5	1140.2	1047.0	948.3	877.1	827.7	783.9	723.6	679.7	652.3
-75°	822.3	762.0	685.2	652.3	657.8	646.8	619.4	586.6	559.1	542.7	504.3
-77.5°	641.4	608.5	570.1	531.7	515.3	498.8	476.9	449.5	427.6	389.2	334.4
-80°	592.0	564.6	537.2	509.8	482.4	444.0	400.2	356.3	334.4	317.9	312.5
-82.5°	487.9	455.0	422.1	394.7	356.3	328.9	301.5	279.6	279.6	274.1	268.6
-85°	279.6	268.6	252.2	241.2	230.2	213.8	197.3	186.4	180.9	175.4	169.9
-87.5°	142.5	137.0	126.1	120.6	115.1	109.6	98.7	93.2	87.7	87.7	82.2
-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):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.4	27.4	21.9	21.9	21.9	16.4	11.0	11.0	5.5	5.5	0.0
85°	65.8	54.8	49.3	43.9	43.9	32.9	21.9	16.4	11.0	5.5	5.5
82.5°	126.1	109.6	93.2	82.2	65.8	49.3	38.4	27.4	16.4	11.0	5.5
80°	142.5	142.5	137.0	115.1	93.2	71.3	49.3	32.9	21.9	16.4	11.0
77.5°	109.6	120.6	120.6	120.6	115.1	87.7	60.3	38.4	21.9	16.4	11.0
75°	126.1	109.6	104.2	109.6	104.2	87.7	71.3	43.9	27.4	21.9	11.0
72.5°	153.5	131.6	115.1	109.6	98.7	82.2	65.8	49.3	27.4	21.9	16.4
70°	142.5	137.0	126.1	115.1	98.7	82.2	65.8	49.3	32.9	21.9	16.4
67.5°	126.1	126.1	126.1	115.1	98.7	76.7	60.3	43.9	32.9	21.9	16.4
65°	87.7	104.2	115.1	109.6	98.7	76.7	60.3	43.9	32.9	27.4	16.4
62.5°	54.8	71.3	93.2	104.2	93.2	76.7	54.8	43.9	32.9	27.4	16.4
60°	49.3	54.8	65.8	82.2	87.7	71.3	54.8	38.4	32.9	27.4	16.4
57.5°	49.3	49.3	54.8	65.8	71.3	65.8	49.3	32.9	32.9	27.4	21.9
55°	54.8	49.3	49.3	54.8	60.3	60.3	49.3	32.9	32.9	27.4	21.9
52.5°	65.8	54.8	49.3	49.3	49.3	54.8	43.9	32.9	32.9	27.4	21.9
50°	82.2	65.8	60.3	49.3	49.3	49.3	43.9	32.9	27.4	27.4	21.9
47.5°	109.6	87.7	65.8	60.3	49.3	43.9	38.4	32.9	27.4	27.4	21.9
45°	164.5	104.2	87.7	65.8	54.8	49.3	43.9	32.9	27.4	27.4	21.9
42.5°	224.8	153.5	109.6	76.7	60.3	49.3	43.9	38.4	27.4	27.4	21.9
40°	285.1	208.3	137.0	98.7	71.3	54.8	43.9	38.4	32.9	27.4	21.9
37.5°	350.8	257.6	180.9	126.1	82.2	60.3	49.3	38.4	32.9	27.4	21.9
35°	433.1	323.4	224.8	153.5	98.7	71.3	54.8	38.4	32.9	27.4	21.9
32.5°	526.3	383.7	268.6	186.4	126.1	87.7	60.3	43.9	32.9	27.4	21.9
30°	614.0	455.0	317.9	224.8	153.5	98.7	65.8	43.9	32.9	27.4	16.4
27.5°	701.7	526.3	378.2	263.1	186.4	115.1	71.3	49.3	32.9	27.4	21.9
25°	789.4	597.5	438.5	301.5	213.8	137.0	87.7	54.8	32.9	27.4	21.9
22.5°	866.1	668.8	493.4	345.4	246.7	159.0	98.7	60.3	38.4	27.4	21.9
20°	953.8	745.5	553.7	394.7	274.1	180.9	109.6	65.8	38.4	27.4	21.9
17.5°	1036.1	822.3	614.0	438.5	307.0	202.8	126.1	71.3	43.9	27.4	21.9
15°	1118.3	893.5	668.8	482.4	339.9	224.8	137.0	76.7	49.3	27.4	21.9
12.5°	1195.0	959.3	718.1	520.8	367.3	246.7	148.0	82.2	54.8	27.4	21.9
10°	1266.3	1019.6	767.4	553.7	394.7	263.1	159.0	93.2	60.3	27.4	21.9
7.5°	1337.6	1068.9	805.8	586.6	427.6	285.1	169.9	98.7	65.8	32.9	21.9
5°	1381.4	1112.8	838.7	614.0	455.0	307.0	180.9	104.2	71.3	32.9	21.9
2.5°	1419.8	1145.7	860.6	641.4	482.4	323.4	180.9	109.6	76.7	32.9	21.9
0°	1441.7	1167.6	877.1	657.8	504.3	334.4	186.4	115.1	82.2	32.9	21.9
-2.5°	1491.0	1206.0	915.5	679.7	526.3	367.3	197.3	120.6	87.7	38.4	21.9
-5°	1523.9	1227.9	942.9	701.7	542.7	400.2	213.8	131.6	98.7	49.3	27.4
-7.5°	1551.3	1249.8	964.8	712.6	559.1	411.1	219.3	137.0	104.2	54.8	27.4
-10°	1556.8	1260.8	981.2	729.1	570.1	427.6	224.8	142.5	109.6	60.3	27.4
-12.5°	1562.3	1271.8	986.7	740.0	581.1	438.5	230.2	148.0	115.1	65.8	27.4
-15°	1556.8	1266.3	986.7	751.0	586.6	427.6	241.2	153.5	120.6	71.3	27.4
-17.5°	1545.9	1260.8	981.2	745.5	581.1	416.6	246.7	164.5	120.6	76.7	32.9
-20°	1529.4	1244.4	970.3	740.0	575.6	405.7	252.2	169.9	126.1	76.7	32.9



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1502.0	1217.0	948.3	723.6	564.6	394.7	252.2	180.9	131.6	76.7	32.9
-25°	1469.1	1189.5	926.4	701.7	548.2	378.2	252.2	186.4	137.0	76.7	32.9
-27.5°	1430.7	1162.1	893.5	685.2	526.3	367.3	252.2	191.9	142.5	76.7	32.9
-30°	1386.9	1123.8	866.1	657.8	509.8	367.3	257.6	197.3	148.0	76.7	32.9
-32.5°	1343.0	1085.4	833.2	635.9	487.9	361.8	257.6	202.8	153.5	71.3	38.4
-35°	1293.7	1041.5	805.8	619.4	471.4	350.8	263.1	202.8	148.0	71.3	38.4
-37.5°	1233.4	986.7	778.4	603.0	460.5	339.9	263.1	208.3	142.5	71.3	38.4
-40°	1167.6	942.9	745.5	581.1	444.0	334.4	263.1	208.3	137.0	71.3	43.9
-42.5°	1096.4	893.5	712.6	559.1	427.6	328.9	263.1	208.3	131.6	71.3	43.9
-45°	1030.6	844.2	674.3	531.7	411.1	328.9	263.1	202.8	120.6	76.7	43.9
-47.5°	959.3	789.4	630.4	504.3	405.7	323.4	257.6	191.9	109.6	76.7	43.9
-50°	899.0	734.6	597.5	476.9	394.7	328.9	263.1	175.4	109.6	76.7	43.9
-52.5°	838.7	696.2	559.1	466.0	383.7	334.4	257.6	164.5	109.6	76.7	43.9
-55°	789.4	657.8	537.2	449.5	394.7	345.4	246.7	148.0	109.6	76.7	43.9
-57.5°	751.0	635.9	520.8	455.0	411.1	334.4	230.2	142.5	109.6	71.3	43.9
-60°	723.6	614.0	526.3	476.9	416.6	317.9	219.3	142.5	109.6	71.3	38.4
-62.5°	701.7	619.4	553.7	493.4	394.7	296.0	208.3	142.5	98.7	65.8	38.4
-65°	707.1	641.4	564.6	471.4	378.2	274.1	191.9	137.0	93.2	60.3	38.4
-67.5°	723.6	624.9	531.7	444.0	339.9	246.7	175.4	126.1	87.7	60.3	38.4
-70°	668.8	575.6	482.4	378.2	290.5	213.8	164.5	115.1	76.7	54.8	38.4
-72.5°	603.0	482.4	383.7	307.0	246.7	197.3	148.0	104.2	71.3	49.3	32.9
-75°	438.5	350.8	285.1	257.6	219.3	175.4	131.6	93.2	65.8	49.3	32.9
-77.5°	312.5	290.5	263.1	235.7	197.3	153.5	115.1	87.7	60.3	43.9	27.4
-80°	307.0	279.6	246.7	202.8	164.5	131.6	98.7	76.7	54.8	38.4	21.9
-82.5°	257.6	219.3	186.4	153.5	126.1	104.2	82.2	60.3	43.9	27.4	16.4
-85°	159.0	137.0	120.6	104.2	87.7	71.3	54.8	38.4	27.4	16.4	11.0
-87.5°	76.7	71.3	60.3	49.3	43.9	32.9	27.4	21.9	16.4	11.0	5.5
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	5.5	0.0	0.0	0.0
80°	5.5	0.0	0.0	0.0
77.5°	5.5	0.0	0.0	0.0
75°	5.5	5.5	0.0	0.0
72.5°	5.5	5.5	0.0	0.0
70°	11.0	5.5	5.5	0.0
67.5°	11.0	5.5	5.5	0.0
65°	11.0	5.5	5.5	0.0
62.5°	11.0	5.5	5.5	0.0
60°	11.0	5.5	5.5	0.0
57.5°	11.0	5.5	5.5	0.0
55°	11.0	5.5	5.5	0.0
52.5°	11.0	5.5	5.5	0.0
50°	11.0	5.5	5.5	0.0
47.5°	11.0	11.0	5.5	0.0
45°	11.0	11.0	5.5	0.0
42.5°	11.0	11.0	5.5	0.0
40°	11.0	11.0	5.5	0.0
37.5°	11.0	11.0	5.5	0.0
35°	11.0	11.0	5.5	0.0
32.5°	16.4	11.0	5.5	0.0
30°	16.4	11.0	11.0	0.0
27.5°	16.4	11.0	11.0	0.0
25°	16.4	11.0	11.0	0.0
22.5°	16.4	11.0	11.0	0.0
20°	16.4	11.0	11.0	0.0
17.5°	16.4	11.0	11.0	0.0
15°	16.4	11.0	11.0	0.0
12.5°	16.4	11.0	11.0	0.0
10°	16.4	11.0	11.0	0.0
7.5°	16.4	11.0	11.0	0.0
5°	16.4	11.0	11.0	0.0
2.5°	16.4	11.0	11.0	0.0
0°	16.4	11.0	11.0	0.0
-2.5°	16.4	11.0	11.0	0.0
-5°	16.4	11.0	11.0	0.0
-7.5°	16.4	11.0	11.0	0.0
-10°	16.4	11.0	11.0	0.0
-12.5°	21.9	11.0	11.0	0.0
-15°	21.9	11.0	11.0	0.0
-17.5°	21.9	11.0	11.0	0.0
-20°	21.9	11.0	11.0	0.0

REPORT NUMBER: P723860

CATALOG NUMBER: IFLD-L-SA7E-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	21.9	11.0	11.0	0.0
-25°	21.9	11.0	11.0	0.0
-27.5°	21.9	11.0	11.0	0.0
-30°	21.9	11.0	11.0	0.0
-32.5°	21.9	11.0	11.0	0.0
-35°	21.9	11.0	11.0	0.0
-37.5°	21.9	11.0	11.0	0.0
-40°	21.9	11.0	11.0	0.0
-42.5°	16.4	11.0	5.5	0.0
-45°	21.9	11.0	5.5	0.0
-47.5°	21.9	11.0	5.5	0.0
-50°	21.9	11.0	5.5	0.0
-52.5°	21.9	11.0	5.5	0.0
-55°	21.9	11.0	5.5	0.0
-57.5°	21.9	11.0	5.5	0.0
-60°	21.9	11.0	5.5	0.0
-62.5°	21.9	11.0	5.5	0.0
-65°	21.9	11.0	5.5	0.0
-67.5°	21.9	11.0	5.5	0.0
-70°	21.9	5.5	5.5	0.0
-72.5°	16.4	5.5	5.5	0.0
-75°	16.4	5.5	5.5	0.0
-77.5°	11.0	5.5	0.0	0.0
-80°	11.0	5.5	0.0	0.0
-82.5°	11.0	5.5	0.0	0.0
-85°	5.5	0.0	0.0	0.0
-87.5°	5.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)