

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: P723686

Luminaire Tested: **IFLD-L-SA7E-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723686
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	27213.1 lumens	Max Intensity:	640227.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.1 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:	9868.6 lumens	Field Lumens:	15732.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

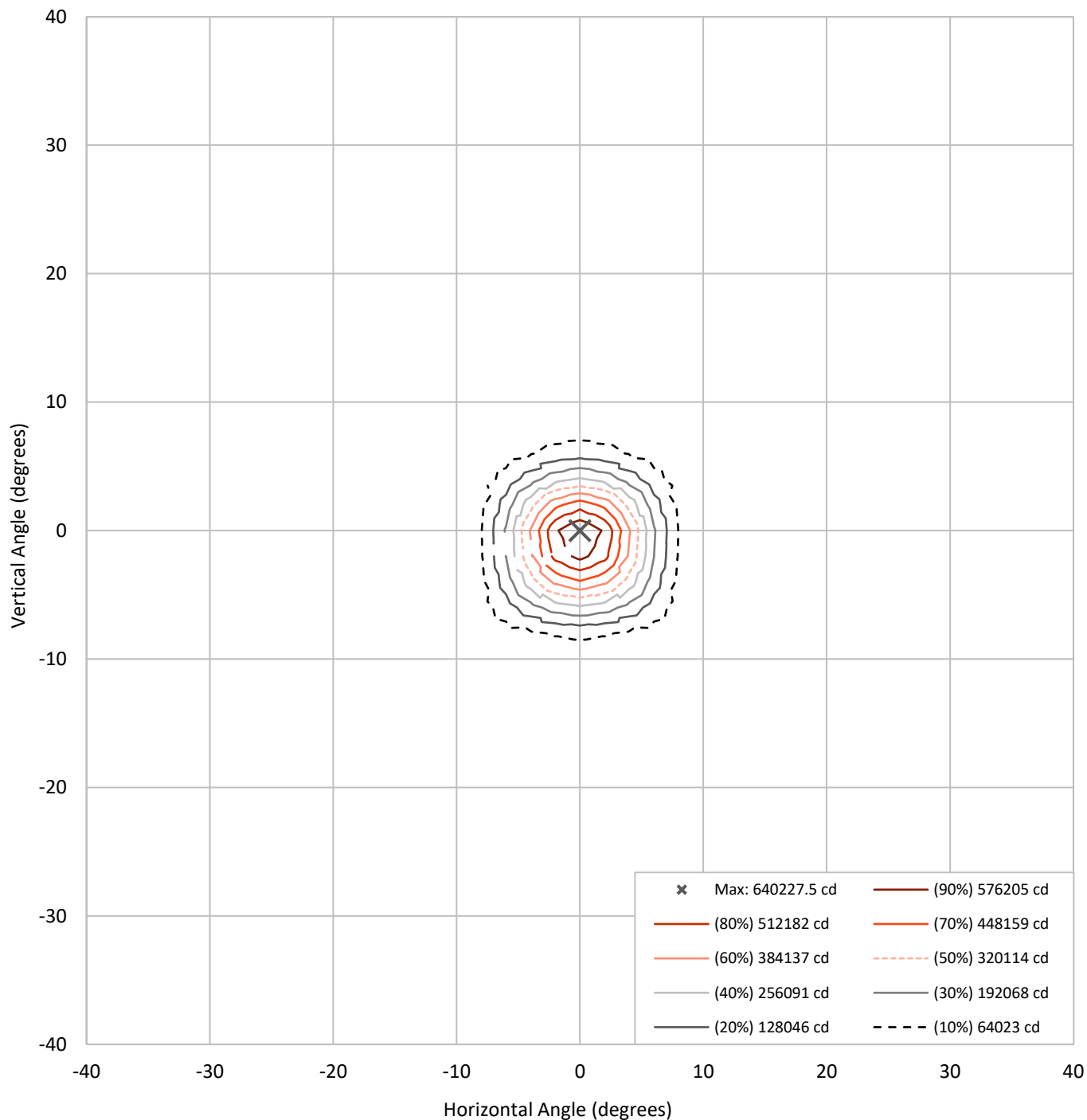
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

Iso-Candela Plot



CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

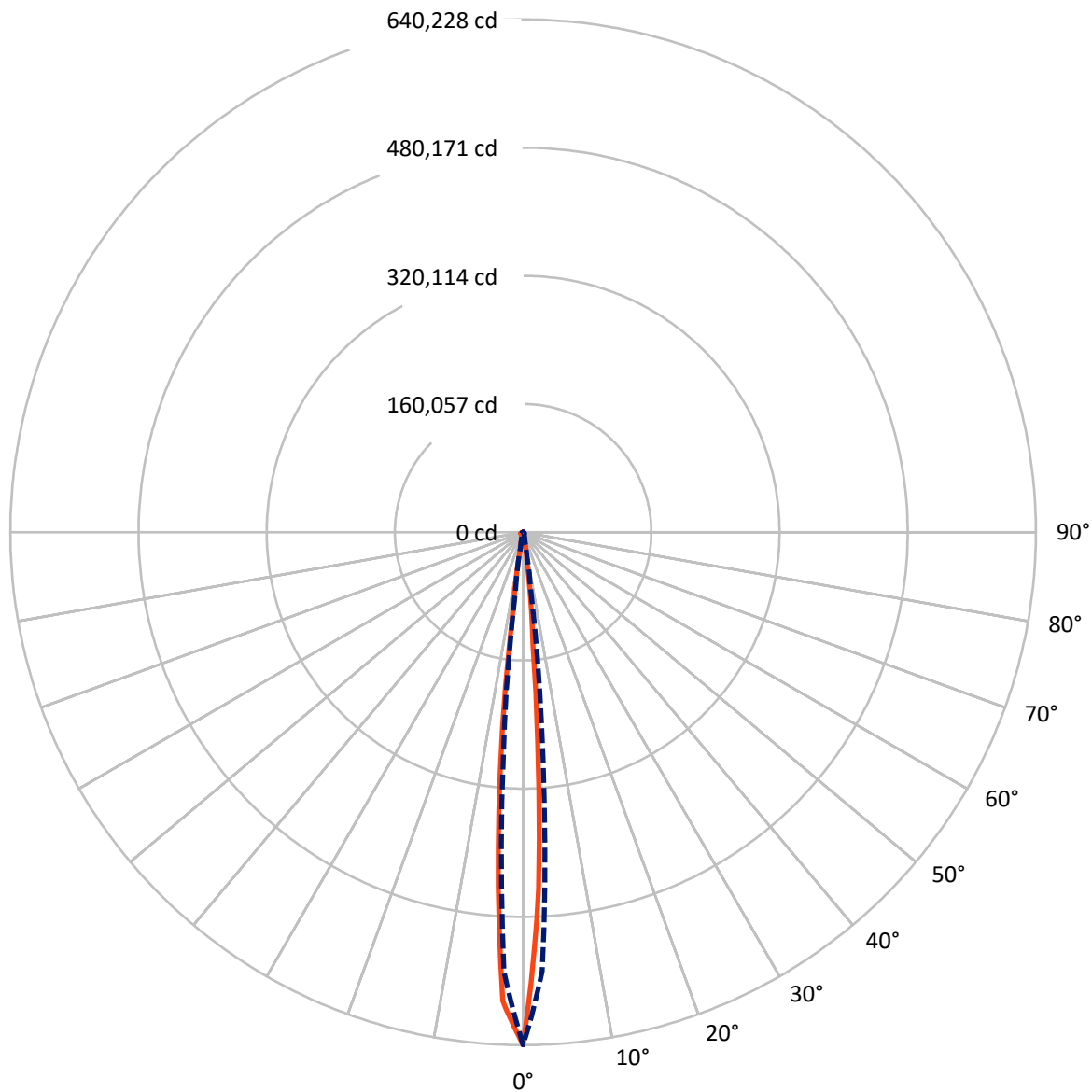
Lumen Table

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REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

Luminous Intensity Polar Plot



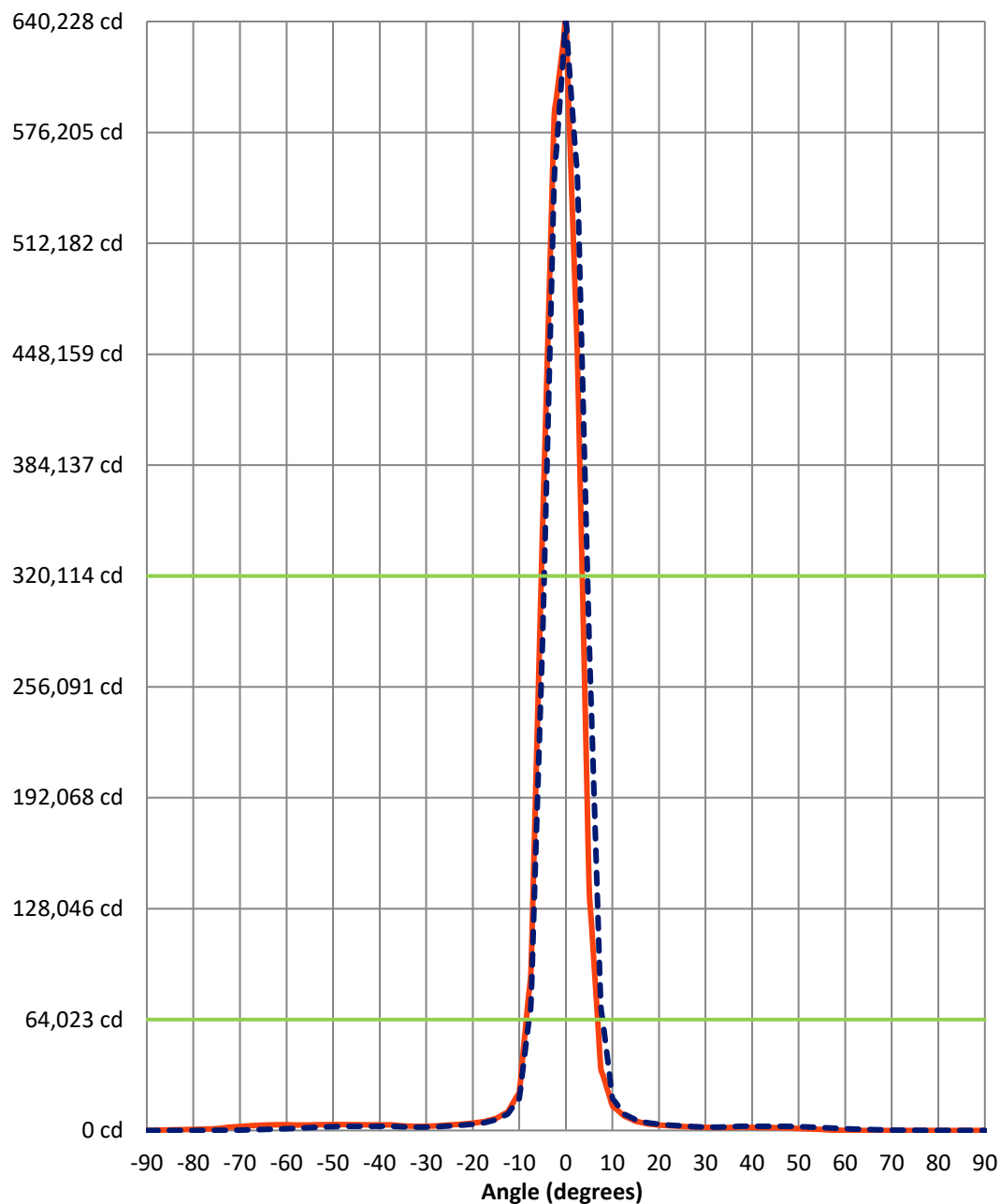
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 9868.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 15732.4

Efficiency: 57.8%

Spill:

Lumens: 11480.6

Efficiency: 42.2%

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

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

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	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
85°	0.0	6.3	6.3	12.6	12.6	12.6	18.8	25.1	31.4	31.4	37.7
82.5°	0.0	6.3	6.3	12.6	12.6	18.8	18.8	31.4	37.7	44.0	56.5
80°	6.3	6.3	6.3	12.6	12.6	18.8	18.8	25.1	31.4	44.0	50.3
77.5°	0.0	6.3	6.3	6.3	12.6	12.6	12.6	18.8	25.1	31.4	37.7
75°	0.0	6.3	6.3	6.3	12.6	12.6	12.6	12.6	18.8	18.8	25.1
72.5°	0.0	0.0	0.0	6.3	6.3	12.6	12.6	12.6	18.8	18.8	18.8
70°	0.0	0.0	0.0	6.3	6.3	12.6	12.6	12.6	18.8	18.8	18.8
67.5°	0.0	0.0	0.0	6.3	6.3	12.6	12.6	12.6	18.8	18.8	18.8
65°	0.0	0.0	0.0	6.3	6.3	12.6	12.6	18.8	18.8	18.8	18.8
62.5°	6.3	6.3	6.3	12.6	18.8	18.8	25.1	31.4	31.4	31.4	31.4
60°	62.8	69.1	75.4	75.4	69.1	69.1	75.4	75.4	75.4	75.4	75.4
57.5°	169.6	182.2	188.5	188.5	188.5	182.2	207.3	213.6	188.5	175.9	194.7
55°	590.5	609.4	596.8	577.9	540.3	496.3	483.7	477.4	483.7	452.3	402.1
52.5°	860.6	879.5	873.2	860.6	835.5	804.1	779.0	753.8	728.7	678.5	621.9
50°	1118.2	1124.5	1118.2	1105.6	1080.5	1049.1	998.8	942.3	892.0	879.5	829.2
47.5°	1407.2	1426.0	1426.0	1419.7	1400.9	1344.4	1269.0	1187.3	1149.6	1137.0	1086.8
45°	1664.7	1677.3	1683.6	1689.9	1683.6	1627.0	1557.9	1514.0	1432.3	1407.2	1407.2
42.5°	1733.8	1740.1	1746.4	1752.7	1771.5	1727.6	1671.0	1595.6	1576.8	1570.5	1557.9
40°	1759.0	1746.4	1752.7	1759.0	1765.3	1733.8	1689.9	1645.9	1633.3	1620.8	1620.8
37.5°	1997.7	1941.1	1897.2	1859.5	1828.1	1796.7	1752.7	1715.0	1683.6	1658.5	1683.6
35°	1702.4	1702.4	1746.4	1784.1	1821.8	1859.5	1865.8	1821.8	1752.7	1721.3	1765.3
32.5°	1740.1	1740.1	1740.1	1752.7	1765.3	1796.7	1828.1	1846.9	1897.2	1840.6	1840.6
30°	1777.8	1784.1	1796.7	1802.9	1784.1	1771.5	1759.0	1759.0	1790.4	1872.0	1916.0
27.5°	1997.7	1997.7	1978.8	1953.7	1897.2	1809.2	1765.3	1702.4	1708.7	1746.4	1853.2
25°	2355.8	2343.2	2299.2	2236.4	2135.9	2010.3	1890.9	1759.0	1702.4	1683.6	1727.6
22.5°	2695.0	2676.1	2619.6	2563.1	2481.4	2355.8	2154.7	1953.7	1777.8	1702.4	1683.6
20°	3128.5	3084.5	3021.7	2933.7	2801.8	2676.1	2500.3	2236.4	1978.8	1784.1	1708.7
17.5°	3825.8	3769.2	3649.9	3492.8	3266.7	3071.9	2820.6	2569.4	2280.4	1966.3	1796.7
15°	5352.3	5207.8	5000.5	4567.0	4121.0	3750.4	3373.5	2952.6	2657.3	2242.7	1985.1
12.5°	8417.9	8022.2	7419.1	6407.7	5408.8	4548.2	3938.8	3398.6	2921.1	2537.9	2173.6
10°	14247.7	13399.6	11734.8	8970.7	7130.1	5547.0	4454.0	3731.5	3128.5	2732.7	2330.6
7.5°	36033.8	29393.7	20799.8	14203.7	9328.8	6778.3	5094.7	4045.6	3348.3	2858.3	2456.3
5°	140441.2	115690.0	61714.7	25756.4	14034.1	8198.1	5672.7	4296.9	3492.8	2952.6	2550.5
2.5°	445716.8	384906.7	201942.4	55445.3	17231.6	9234.6	6068.4	4454.0	3574.5	3021.7	2619.6
0°	640227.5	548698.2	283414.1	72921.9	18689.1	9498.4	6194.1	4485.4	3587.0	3034.2	2619.6
-2.5°	585699.4	512601.6	273777.4	67858.6	19097.4	9573.8	6294.6	4592.2	3681.3	3090.8	2638.5
-5°	348018.6	305263.0	190980.2	48384.2	16967.8	8889.1	6030.8	4497.9	3618.5	3059.4	2625.9
-7.5°	91692.6	79379.8	52216.3	25247.5	10981.0	7519.6	5540.8	4340.9	3536.8	3002.8	2575.6
-10°	22106.5	20950.6	18714.2	11471.0	8549.9	6282.0	4912.6	4058.2	3373.5	2927.4	2494.0
-12.5°	10660.6	10409.3	9448.2	7789.7	6344.9	5220.4	4447.7	3762.9	3222.7	2795.5	2380.9
-15°	6935.4	6790.9	6464.2	5829.7	5094.7	4554.5	4014.2	3461.4	3034.2	2600.8	2286.7
-17.5°	5132.4	5126.1	4962.8	4724.1	4359.7	3957.7	3561.9	3210.1	2795.5	2424.9	2186.1
-20°	4252.9	4252.9	4158.7	4001.7	3744.1	3480.2	3216.4	2889.7	2550.5	2274.1	2173.6

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3612.2	3618.5	3568.2	3467.7	3329.5	3109.6	2852.0	2588.2	2343.2	2242.7	2211.3
-25°	3197.6	3185.0	3128.5	3034.2	2889.7	2713.8	2544.2	2368.3	2299.2	2274.1	2318.1
-27.5°	2707.6	2726.4	2701.3	2657.3	2563.1	2437.4	2399.7	2349.5	2362.0	2399.7	2569.4
-30°	2418.6	2437.4	2462.6	2481.4	2450.0	2418.6	2431.1	2468.8	2550.5	2695.0	2757.8
-32.5°	2418.6	2424.9	2462.6	2500.3	2519.1	2544.2	2613.3	2739.0	2858.3	2820.6	2808.1
-35°	2638.5	2619.6	2669.9	2720.1	2789.2	2877.2	2952.6	2927.4	2883.5	2870.9	2883.5
-37.5°	3266.7	3147.3	3097.0	3065.6	3046.8	3034.2	3015.4	2996.5	2977.7	2965.1	2984.0
-40°	3260.4	3229.0	3197.6	3172.4	3153.6	3128.5	3115.9	3109.6	3090.8	3078.2	3065.6
-42.5°	3247.8	3260.4	3260.4	3254.1	3260.4	3254.1	3235.2	3210.1	3178.7	3153.6	3128.5
-45°	3342.0	3348.3	3360.9	3373.5	3392.3	3367.2	3329.5	3285.5	3241.5	3203.8	3172.4
-47.5°	3398.6	3404.9	3417.4	3436.3	3448.8	3423.7	3373.5	3316.9	3247.8	3185.0	3122.2
-50°	3417.4	3436.3	3442.6	3442.6	3436.3	3404.9	3329.5	3247.8	3172.4	3109.6	3053.1
-52.5°	3329.5	3348.3	3354.6	3342.0	3335.8	3304.4	3235.2	3159.9	3078.2	3034.2	2984.0
-55°	3185.0	3210.1	3229.0	3229.0	3229.0	3222.7	3159.9	3090.8	3027.9	2977.7	2927.4
-57.5°	3128.5	3172.4	3210.1	3216.4	3222.7	3229.0	3185.0	3115.9	3040.5	2965.1	2902.3
-60°	3335.8	3373.5	3392.3	3367.2	3348.3	3329.5	3260.4	3178.7	3103.3	3027.9	2908.6
-62.5°	3279.2	3342.0	3373.5	3354.6	3329.5	3298.1	3222.7	3128.5	3040.5	2958.8	2839.5
-65°	3097.0	3153.6	3191.3	3159.9	3122.2	3078.2	3009.1	2921.1	2839.5	2757.8	2651.0
-67.5°	2789.2	2870.9	2933.7	2864.6	2814.4	2757.8	2701.3	2625.9	2544.2	2450.0	2349.5
-70°	2305.5	2368.3	2424.9	2406.0	2393.5	2380.9	2343.2	2267.8	2198.7	2123.3	2035.4
-72.5°	1853.2	1909.7	1960.0	1928.6	1903.5	1865.8	1809.2	1727.6	1645.9	1564.2	1482.6
-75°	1024.0	1042.8	1061.7	1055.4	1055.4	1055.4	1055.4	1061.7	1049.1	1030.3	992.6
-77.5°	785.3	810.4	829.2	841.8	860.6	885.8	904.6	873.2	841.8	810.4	772.7
-80°	615.6	640.8	659.6	728.7	779.0	835.5	873.2	829.2	785.3	747.6	716.2
-82.5°	464.9	483.7	502.6	540.3	565.4	596.8	621.9	621.9	615.6	609.4	590.5
-85°	339.2	364.4	389.5	402.1	420.9	420.9	427.2	402.1	376.9	358.1	332.9
-87.5°	194.7	201.0	201.0	201.0	207.3	207.3	207.3	194.7	188.5	175.9	169.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

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°	6.3	6.3	6.3	12.6	12.6	18.8	18.8	25.1	25.1	31.4	31.4
85°	37.7	37.7	37.7	44.0	44.0	50.3	56.5	62.8	69.1	69.1	75.4
82.5°	62.8	69.1	75.4	81.7	87.9	94.2	100.5	106.8	125.6	138.2	144.5
80°	62.8	69.1	87.9	100.5	113.1	125.6	125.6	125.6	125.6	131.9	144.5
77.5°	44.0	50.3	56.5	69.1	100.5	125.6	144.5	157.1	144.5	138.2	125.6
75°	25.1	31.4	37.7	44.0	62.8	87.9	119.4	150.8	175.9	169.6	157.1
72.5°	25.1	25.1	31.4	37.7	44.0	50.3	56.5	87.9	125.6	157.1	175.9
70°	25.1	31.4	31.4	37.7	44.0	50.3	56.5	69.1	87.9	125.6	163.3
67.5°	25.1	31.4	31.4	44.0	56.5	62.8	69.1	62.8	56.5	81.7	119.4
65°	25.1	25.1	31.4	37.7	44.0	50.3	69.1	69.1	62.8	62.8	62.8
62.5°	37.7	37.7	37.7	37.7	44.0	44.0	44.0	56.5	56.5	56.5	56.5
60°	75.4	69.1	69.1	69.1	69.1	56.5	56.5	56.5	50.3	56.5	50.3
57.5°	182.2	150.8	138.2	138.2	119.4	113.1	94.2	69.1	69.1	56.5	56.5
55°	370.6	351.8	295.3	245.0	219.9	194.7	150.8	125.6	94.2	75.4	69.1
52.5°	571.7	521.4	471.2	408.3	345.5	295.3	251.3	194.7	157.1	113.1	87.9
50°	747.6	703.6	647.0	577.9	496.3	433.5	370.6	295.3	232.4	175.9	125.6
47.5°	1017.7	929.7	860.6	779.0	684.7	596.8	515.1	427.2	326.7	257.6	194.7
45°	1306.7	1181.0	1086.8	1011.4	885.8	766.4	672.2	577.9	458.6	339.2	263.8
42.5°	1507.7	1413.5	1287.8	1187.3	1074.2	948.6	822.9	722.4	596.8	458.6	339.2
40°	1614.5	1551.7	1451.2	1363.2	1243.8	1105.6	973.7	873.2	741.3	590.5	427.2
37.5°	1696.1	1664.7	1614.5	1545.4	1432.3	1269.0	1137.0	1017.7	904.6	728.7	552.8
35°	1790.4	1784.1	1752.7	1721.3	1627.0	1470.0	1312.9	1174.7	1036.5	873.2	678.5
32.5°	1878.3	1872.0	1853.2	1840.6	1802.9	1664.7	1495.1	1338.1	1181.0	1011.4	797.8
30°	1922.3	1909.7	1909.7	1922.3	1884.6	1796.7	1671.0	1501.4	1325.5	1124.5	923.5
27.5°	1922.3	1909.7	1916.0	1934.9	1928.6	1884.6	1790.4	1652.2	1457.4	1231.3	1036.5
25°	1840.6	1903.5	1903.5	1928.6	1934.9	1922.3	1872.0	1784.1	1583.1	1344.4	1124.5
22.5°	1727.6	1878.3	1934.9	1928.6	1934.9	1966.3	1972.6	1890.9	1702.4	1457.4	1212.4
20°	1727.6	1834.4	1997.7	1953.7	1966.3	2035.4	2066.8	1997.7	1828.1	1564.2	1300.4
17.5°	1765.3	1834.4	1972.6	2041.7	2060.5	2117.0	2167.3	2123.3	1941.1	1677.3	1419.7
15°	1872.0	1859.5	1953.7	2123.3	2154.7	2198.7	2255.3	2205.0	2041.7	1802.9	1532.8
12.5°	1947.4	1878.3	1953.7	2135.9	2236.4	2280.4	2299.2	2261.5	2129.6	1916.0	1645.9
10°	2047.9	1928.6	1966.3	2123.3	2267.8	2299.2	2318.1	2305.5	2211.3	2010.3	1746.4
7.5°	2123.3	1953.7	1953.7	2104.5	2299.2	2324.4	2336.9	2349.5	2280.4	2091.9	1834.4
5°	2154.7	1953.7	1941.1	2085.6	2330.6	2355.8	2355.8	2374.6	2330.6	2154.7	1897.2
2.5°	2161.0	1947.4	1928.6	2073.1	2387.2	2387.2	2374.6	2393.5	2368.3	2192.4	1941.1
0°	2192.4	1941.1	1922.3	2091.9	2450.0	2424.9	2393.5	2399.7	2387.2	2211.3	1966.3
-2.5°	2192.4	1972.6	1947.4	2104.5	2443.7	2437.4	2424.9	2431.1	2418.6	2267.8	2016.5
-5°	2223.8	2016.5	1991.4	2161.0	2437.4	2456.3	2462.6	2462.6	2443.7	2305.5	2047.9
-7.5°	2230.1	2047.9	2041.7	2217.6	2450.0	2481.4	2500.3	2512.8	2475.1	2330.6	2073.1
-10°	2198.7	2060.5	2091.9	2286.7	2462.6	2506.5	2544.2	2563.1	2500.3	2343.2	2085.6
-12.5°	2129.6	2060.5	2142.2	2374.6	2494.0	2544.2	2600.8	2607.0	2525.4	2349.5	2091.9
-15°	2123.3	2110.8	2230.1	2462.6	2512.8	2575.6	2663.6	2644.7	2544.2	2349.5	2091.9
-17.5°	2117.0	2179.9	2362.0	2494.0	2544.2	2613.3	2682.4	2663.6	2556.8	2349.5	2079.4
-20°	2173.6	2292.9	2519.1	2525.4	2581.9	2657.3	2695.0	2657.3	2537.9	2330.6	2060.5

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2267.8	2494.0	2569.4	2594.5	2644.7	2701.3	2720.1	2663.6	2519.1	2299.2	2029.1
-25°	2506.5	2619.6	2619.6	2676.1	2726.4	2751.5	2732.7	2669.9	2494.0	2267.8	1997.7
-27.5°	2688.7	2682.4	2713.8	2770.4	2814.4	2814.4	2764.1	2638.5	2456.3	2236.4	1953.7
-30°	2757.8	2764.1	2808.1	2870.9	2883.5	2852.0	2776.7	2613.3	2424.9	2186.1	1897.2
-32.5°	2826.9	2852.0	2908.6	2940.0	2946.3	2883.5	2745.3	2569.4	2374.6	2129.6	1834.4
-35°	2908.6	2958.8	2990.2	2996.5	2965.1	2858.3	2701.3	2512.8	2299.2	2047.9	1777.8
-37.5°	3015.4	3040.5	3059.4	3034.2	2946.3	2820.6	2625.9	2437.4	2230.1	1960.0	1696.1
-40°	3084.5	3097.0	3103.3	3021.7	2914.9	2732.7	2544.2	2349.5	2110.8	1859.5	1608.2
-42.5°	3128.5	3115.9	3065.6	2977.7	2820.6	2644.7	2462.6	2242.7	2004.0	1759.0	1514.0
-45°	3115.9	3071.9	2996.5	2889.7	2726.4	2550.5	2336.9	2117.0	1890.9	1652.2	1407.2
-47.5°	3065.6	2996.5	2902.3	2776.7	2625.9	2412.3	2198.7	1985.1	1765.3	1532.8	1306.7
-50°	3002.8	2921.1	2808.1	2651.0	2450.0	2255.3	2060.5	1853.2	1627.0	1413.5	1212.4
-52.5°	2933.7	2845.8	2701.3	2525.4	2305.5	2104.5	1916.0	1715.0	1507.7	1306.7	1130.8
-55°	2858.3	2770.4	2607.0	2406.0	2186.1	1966.3	1784.1	1614.5	1413.5	1218.7	1061.7
-57.5°	2820.6	2707.6	2537.9	2336.9	2104.5	1878.3	1721.3	1539.1	1356.9	1155.9	1005.1
-60°	2789.2	2676.1	2519.1	2286.7	2066.8	1853.2	1671.0	1495.1	1300.4	1111.9	961.2
-62.5°	2701.3	2581.9	2437.4	2211.3	1997.7	1802.9	1639.6	1432.3	1243.8	1067.9	929.7
-65°	2525.4	2399.7	2274.1	2073.1	1878.3	1696.1	1532.8	1344.4	1168.5	1017.7	898.3
-67.5°	2249.0	2142.2	2029.1	1859.5	1696.1	1532.8	1382.0	1218.7	1074.2	967.4	904.6
-70°	1941.1	1828.1	1715.0	1576.8	1438.6	1306.7	1187.3	1067.9	973.7	917.2	866.9
-72.5°	1413.5	1363.2	1306.7	1199.9	1086.8	1005.1	948.6	898.3	829.2	779.0	747.6
-75°	942.3	873.2	785.3	747.6	753.8	741.3	709.9	672.2	640.8	621.9	577.9
-77.5°	735.0	697.3	653.3	609.4	590.5	571.7	546.5	515.1	490.0	446.0	383.2
-80°	678.5	647.0	615.6	584.2	552.8	508.8	458.6	408.3	383.2	364.4	358.1
-82.5°	559.1	521.4	483.7	452.3	408.3	376.9	345.5	320.4	320.4	314.1	307.8
-85°	320.4	307.8	289.0	276.4	263.8	245.0	226.2	213.6	207.3	201.0	194.7
-87.5°	163.3	157.1	144.5	138.2	131.9	125.6	113.1	106.8	100.5	100.5	94.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

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°	31.4	31.4	25.1	25.1	25.1	18.8	12.6	12.6	6.3	6.3	0.0
85°	75.4	62.8	56.5	50.3	50.3	37.7	25.1	18.8	12.6	6.3	6.3
82.5°	144.5	125.6	106.8	94.2	75.4	56.5	44.0	31.4	18.8	12.6	6.3
80°	163.3	163.3	157.1	131.9	106.8	81.7	56.5	37.7	25.1	18.8	12.6
77.5°	125.6	138.2	138.2	138.2	131.9	100.5	69.1	44.0	25.1	18.8	12.6
75°	144.5	125.6	119.4	125.6	119.4	100.5	81.7	50.3	31.4	25.1	12.6
72.5°	175.9	150.8	131.9	125.6	113.1	94.2	75.4	56.5	31.4	25.1	18.8
70°	163.3	157.1	144.5	131.9	113.1	94.2	75.4	56.5	37.7	25.1	18.8
67.5°	144.5	144.5	144.5	131.9	113.1	87.9	69.1	50.3	37.7	25.1	18.8
65°	100.5	119.4	131.9	125.6	113.1	87.9	69.1	50.3	37.7	31.4	18.8
62.5°	62.8	81.7	106.8	119.4	106.8	87.9	62.8	50.3	37.7	31.4	18.8
60°	56.5	62.8	75.4	94.2	100.5	81.7	62.8	44.0	37.7	31.4	18.8
57.5°	56.5	56.5	62.8	75.4	81.7	75.4	56.5	37.7	37.7	31.4	25.1
55°	62.8	56.5	56.5	62.8	69.1	69.1	56.5	37.7	37.7	31.4	25.1
52.5°	75.4	62.8	56.5	56.5	56.5	62.8	50.3	37.7	37.7	31.4	25.1
50°	94.2	75.4	69.1	56.5	56.5	56.5	50.3	37.7	31.4	31.4	25.1
47.5°	125.6	100.5	75.4	69.1	56.5	50.3	44.0	37.7	31.4	31.4	25.1
45°	188.5	119.4	100.5	75.4	62.8	56.5	50.3	37.7	31.4	31.4	25.1
42.5°	257.6	175.9	125.6	87.9	69.1	56.5	50.3	44.0	31.4	31.4	25.1
40°	326.7	238.7	157.1	113.1	81.7	62.8	50.3	44.0	37.7	31.4	25.1
37.5°	402.1	295.3	207.3	144.5	94.2	69.1	56.5	44.0	37.7	31.4	25.1
35°	496.3	370.6	257.6	175.9	113.1	81.7	62.8	44.0	37.7	31.4	25.1
32.5°	603.1	439.7	307.8	213.6	144.5	100.5	69.1	50.3	37.7	31.4	25.1
30°	703.6	521.4	364.4	257.6	175.9	113.1	75.4	50.3	37.7	31.4	18.8
27.5°	804.1	603.1	433.5	301.5	213.6	131.9	81.7	56.5	37.7	31.4	25.1
25°	904.6	684.7	502.6	345.5	245.0	157.1	100.5	62.8	37.7	31.4	25.1
22.5°	992.6	766.4	565.4	395.8	282.7	182.2	113.1	69.1	44.0	31.4	25.1
20°	1093.1	854.4	634.5	452.3	314.1	207.3	125.6	75.4	44.0	31.4	25.1
17.5°	1187.3	942.3	703.6	502.6	351.8	232.4	144.5	81.7	50.3	31.4	25.1
15°	1281.5	1024.0	766.4	552.8	389.5	257.6	157.1	87.9	56.5	31.4	25.1
12.5°	1369.5	1099.4	822.9	596.8	420.9	282.7	169.6	94.2	62.8	31.4	25.1
10°	1451.2	1168.5	879.5	634.5	452.3	301.5	182.2	106.8	69.1	31.4	25.1
7.5°	1532.8	1225.0	923.5	672.2	490.0	326.7	194.7	113.1	75.4	37.7	25.1
5°	1583.1	1275.3	961.2	703.6	521.4	351.8	207.3	119.4	81.7	37.7	25.1
2.5°	1627.0	1312.9	986.3	735.0	552.8	370.6	207.3	125.6	87.9	37.7	25.1
0°	1652.2	1338.1	1005.1	753.8	577.9	383.2	213.6	131.9	94.2	37.7	25.1
-2.5°	1708.7	1382.0	1049.1	779.0	603.1	420.9	226.2	138.2	100.5	44.0	25.1
-5°	1746.4	1407.2	1080.5	804.1	621.9	458.6	245.0	150.8	113.1	56.5	31.4
-7.5°	1777.8	1432.3	1105.6	816.7	640.8	471.2	251.3	157.1	119.4	62.8	31.4
-10°	1784.1	1444.9	1124.5	835.5	653.3	490.0	257.6	163.3	125.6	69.1	31.4
-12.5°	1790.4	1457.4	1130.8	848.1	665.9	502.6	263.8	169.6	131.9	75.4	31.4
-15°	1784.1	1451.2	1130.8	860.6	672.2	490.0	276.4	175.9	138.2	81.7	31.4
-17.5°	1771.5	1444.9	1124.5	854.4	665.9	477.4	282.7	188.5	138.2	87.9	37.7
-20°	1752.7	1426.0	1111.9	848.1	659.6	464.9	289.0	194.7	144.5	87.9	37.7



REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1721.3	1394.6	1086.8	829.2	647.0	452.3	289.0	207.3	150.8	87.9	37.7
-25°	1683.6	1363.2	1061.7	804.1	628.2	433.5	289.0	213.6	157.1	87.9	37.7
-27.5°	1639.6	1331.8	1024.0	785.3	603.1	420.9	289.0	219.9	163.3	87.9	37.7
-30°	1589.4	1287.8	992.6	753.8	584.2	420.9	295.3	226.2	169.6	87.9	37.7
-32.5°	1539.1	1243.8	954.9	728.7	559.1	414.6	295.3	232.4	175.9	81.7	44.0
-35°	1482.6	1193.6	923.5	709.9	540.3	402.1	301.5	232.4	169.6	81.7	44.0
-37.5°	1413.5	1130.8	892.0	691.0	527.7	389.5	301.5	238.7	163.3	81.7	44.0
-40°	1338.1	1080.5	854.4	665.9	508.8	383.2	301.5	238.7	157.1	81.7	50.3
-42.5°	1256.4	1024.0	816.7	640.8	490.0	376.9	301.5	238.7	150.8	81.7	50.3
-45°	1181.0	967.4	772.7	609.4	471.2	376.9	301.5	232.4	138.2	87.9	50.3
-47.5°	1099.4	904.6	722.4	577.9	464.9	370.6	295.3	219.9	125.6	87.9	50.3
-50°	1030.3	841.8	684.7	546.5	452.3	376.9	301.5	201.0	125.6	87.9	50.3
-52.5°	961.2	797.8	640.8	534.0	439.7	383.2	295.3	188.5	125.6	87.9	50.3
-55°	904.6	753.8	615.6	515.1	452.3	395.8	282.7	169.6	125.6	87.9	50.3
-57.5°	860.6	728.7	596.8	521.4	471.2	383.2	263.8	163.3	125.6	81.7	50.3
-60°	829.2	703.6	603.1	546.5	477.4	364.4	251.3	163.3	125.6	81.7	44.0
-62.5°	804.1	709.9	634.5	565.4	452.3	339.2	238.7	163.3	113.1	75.4	44.0
-65°	810.4	735.0	647.0	540.3	433.5	314.1	219.9	157.1	106.8	69.1	44.0
-67.5°	829.2	716.2	609.4	508.8	389.5	282.7	201.0	144.5	100.5	69.1	44.0
-70°	766.4	659.6	552.8	433.5	332.9	245.0	188.5	131.9	87.9	62.8	44.0
-72.5°	691.0	552.8	439.7	351.8	282.7	226.2	169.6	119.4	81.7	56.5	37.7
-75°	502.6	402.1	326.7	295.3	251.3	201.0	150.8	106.8	75.4	56.5	37.7
-77.5°	358.1	332.9	301.5	270.1	226.2	175.9	131.9	100.5	69.1	50.3	31.4
-80°	351.8	320.4	282.7	232.4	188.5	150.8	113.1	87.9	62.8	44.0	25.1
-82.5°	295.3	251.3	213.6	175.9	144.5	119.4	94.2	69.1	50.3	31.4	18.8
-85°	182.2	157.1	138.2	119.4	100.5	81.7	62.8	44.0	31.4	18.8	12.6
-87.5°	87.9	81.7	69.1	56.5	50.3	37.7	31.4	25.1	18.8	12.6	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

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°	6.3	0.0	0.0	0.0
80°	6.3	0.0	0.0	0.0
77.5°	6.3	0.0	0.0	0.0
75°	6.3	6.3	0.0	0.0
72.5°	6.3	6.3	0.0	0.0
70°	12.6	6.3	6.3	0.0
67.5°	12.6	6.3	6.3	0.0
65°	12.6	6.3	6.3	0.0
62.5°	12.6	6.3	6.3	0.0
60°	12.6	6.3	6.3	0.0
57.5°	12.6	6.3	6.3	0.0
55°	12.6	6.3	6.3	0.0
52.5°	12.6	6.3	6.3	0.0
50°	12.6	6.3	6.3	0.0
47.5°	12.6	12.6	6.3	0.0
45°	12.6	12.6	6.3	0.0
42.5°	12.6	12.6	6.3	0.0
40°	12.6	12.6	6.3	0.0
37.5°	12.6	12.6	6.3	0.0
35°	12.6	12.6	6.3	0.0
32.5°	18.8	12.6	6.3	0.0
30°	18.8	12.6	12.6	0.0
27.5°	18.8	12.6	12.6	0.0
25°	18.8	12.6	12.6	0.0
22.5°	18.8	12.6	12.6	0.0
20°	18.8	12.6	12.6	0.0
17.5°	18.8	12.6	12.6	0.0
15°	18.8	12.6	12.6	0.0
12.5°	18.8	12.6	12.6	0.0
10°	18.8	12.6	12.6	0.0
7.5°	18.8	12.6	12.6	0.0
5°	18.8	12.6	12.6	0.0
2.5°	18.8	12.6	12.6	0.0
0°	18.8	12.6	12.6	0.0
-2.5°	18.8	12.6	12.6	0.0
-5°	18.8	12.6	12.6	0.0
-7.5°	18.8	12.6	12.6	0.0
-10°	18.8	12.6	12.6	0.0
-12.5°	25.1	12.6	12.6	0.0
-15°	25.1	12.6	12.6	0.0
-17.5°	25.1	12.6	12.6	0.0
-20°	25.1	12.6	12.6	0.0

REPORT NUMBER: P723686

CATALOG NUMBER: IFLD-L-SA7E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.1	12.6	12.6	0.0
-25°	25.1	12.6	12.6	0.0
-27.5°	25.1	12.6	12.6	0.0
-30°	25.1	12.6	12.6	0.0
-32.5°	25.1	12.6	12.6	0.0
-35°	25.1	12.6	12.6	0.0
-37.5°	25.1	12.6	12.6	0.0
-40°	25.1	12.6	12.6	0.0
-42.5°	18.8	12.6	6.3	0.0
-45°	25.1	12.6	6.3	0.0
-47.5°	25.1	12.6	6.3	0.0
-50°	25.1	12.6	6.3	0.0
-52.5°	25.1	12.6	6.3	0.0
-55°	25.1	12.6	6.3	0.0
-57.5°	25.1	12.6	6.3	0.0
-60°	25.1	12.6	6.3	0.0
-62.5°	25.1	12.6	6.3	0.0
-65°	25.1	12.6	6.3	0.0
-67.5°	25.1	12.6	6.3	0.0
-70°	25.1	6.3	6.3	0.0
-72.5°	18.8	6.3	6.3	0.0
-75°	18.8	6.3	6.3	0.0
-77.5°	12.6	6.3	0.0	0.0
-80°	12.6	6.3	0.0	0.0
-82.5°	12.6	6.3	0.0	0.0
-85°	6.3	0.0	0.0	0.0
-87.5°	6.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)