

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: P723676

Luminaire Tested: **IFLD-S-SA6E-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723676
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	25507.3 lumens	Max Intensity:	600097 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	9250 lumens	Field Lumens:	14746.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

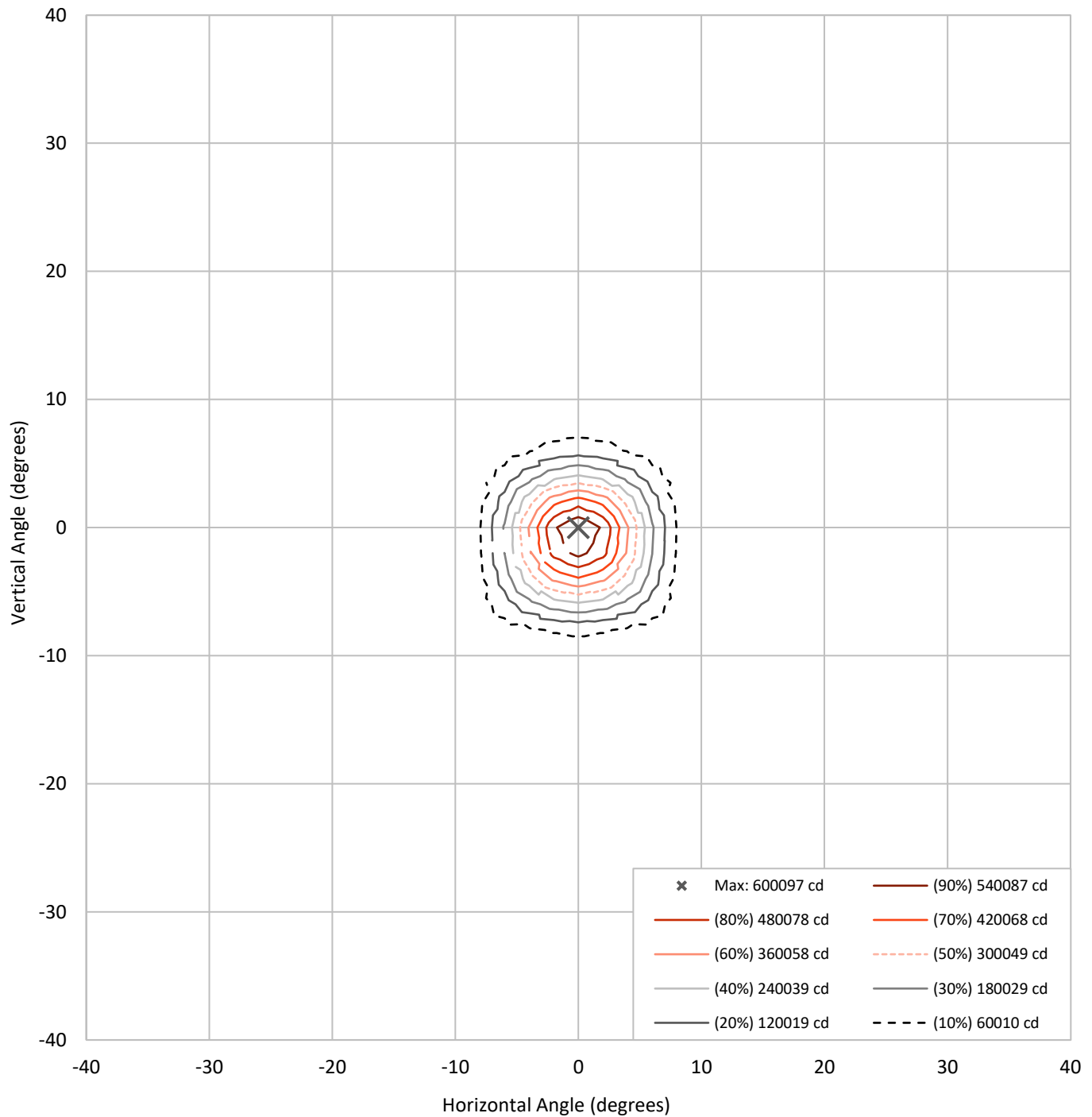
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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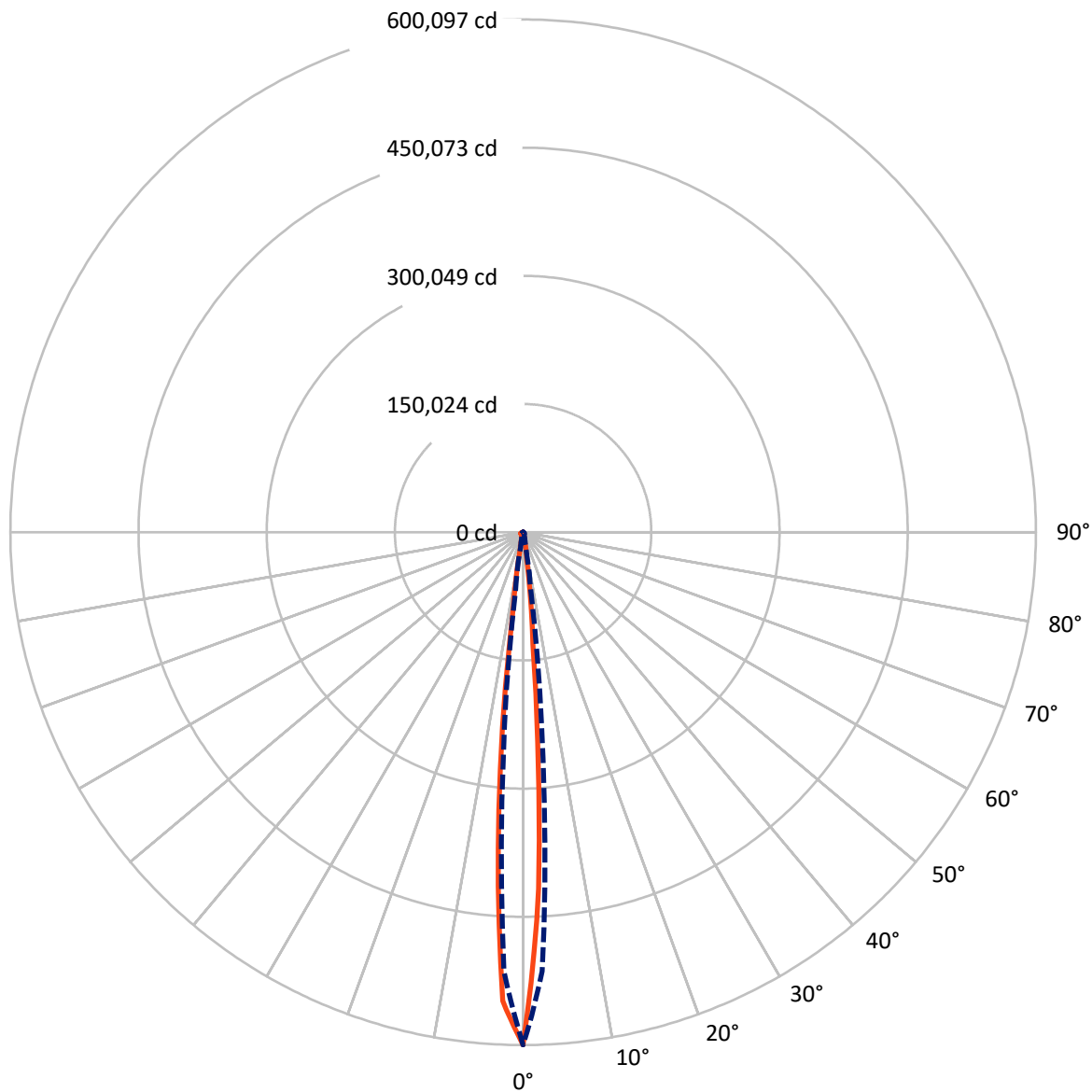
Lumen Table

90																				
80	0.4		5.7		6.2		2.4		0.7		2.4		6.2		5.7		0.4			
70	0.7		1.3	1.6	1.2	1.0	0.8	0.7	0.4	0.4	0.7	0.8	1.0	1.2	1.6	1.3	0.7			
60			0.8	1.2	3.0	6.6	10.7	13.8	15.8	15.8	13.8	10.7	6.6	3.0	1.2	0.8				
50	0.6		0.8	3.5	11.6	22.9	33.5	40.3	44.6	44.6	40.3	33.5	22.9	11.6	3.5	0.8	0.6			
40			1.7	8.8	23.9	38.8	45.6	49.2	50.9	50.9	49.2	45.6	38.8	23.9	8.8	1.7				
30	1.0		3.3	15.1	34.7	44.9	46.3	54.6	65.8	65.8	54.6	46.3	44.9	34.7	15.1	3.3	1.0			
20			5.2	21.2	42.7	47.9	54.0	95.0	161.9	161.9	95.0	54.0	47.9	42.7	21.2	5.2				
10	1.7		6.7	26.0	46.9	49.7	66.7	180.7	3348.5	3348.5	180.7	66.7	49.7	46.9	26.0	6.7	1.7			
0			7.9	28.5	49.2	51.5	69.0	194.7	4882.4	4882.4	194.7	69.0	51.5	49.2	28.5	7.9				
-10	2.4		8.4	29.2	51.8	55.8	62.2	113.2	217.2	217.2	113.2	62.2	55.8	51.8	29.2	8.4	2.4			
-20			7.9	27.8	52.5	62.6	62.7	73.3	89.4	89.4	73.3	62.7	62.6	52.5	27.8	7.9				
-30	2.7		7.0	24.5	50.2	68.9	75.0	78.1	78.8	78.8	78.1	75.0	68.9	50.2	24.5	7.0	2.7			
-40			6.2	19.8	42.6	66.4	80.7	90.5	94.9	94.9	90.5	80.7	66.4	42.6	19.8	6.2				
-50	2.1		5.6	15.2	33.0	56.6	76.0	88.4	93.5	93.5	88.4	76.0	56.6	33.0	15.2	5.6	2.1			
-60			5.2	13.4	26.9	47.2	66.5	80.5	86.9	86.9	80.5	66.5	47.2	26.9	13.4	5.2				
-70	1.0		15.8		47.0		87.0		96.1		87.0		47.0		15.8		1.0			
-80			15.8		47.0		87.0		96.1		87.0		47.0		15.8					
-90	1.0		15.8		47.0		87.0		96.1		87.0		47.0		15.8		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



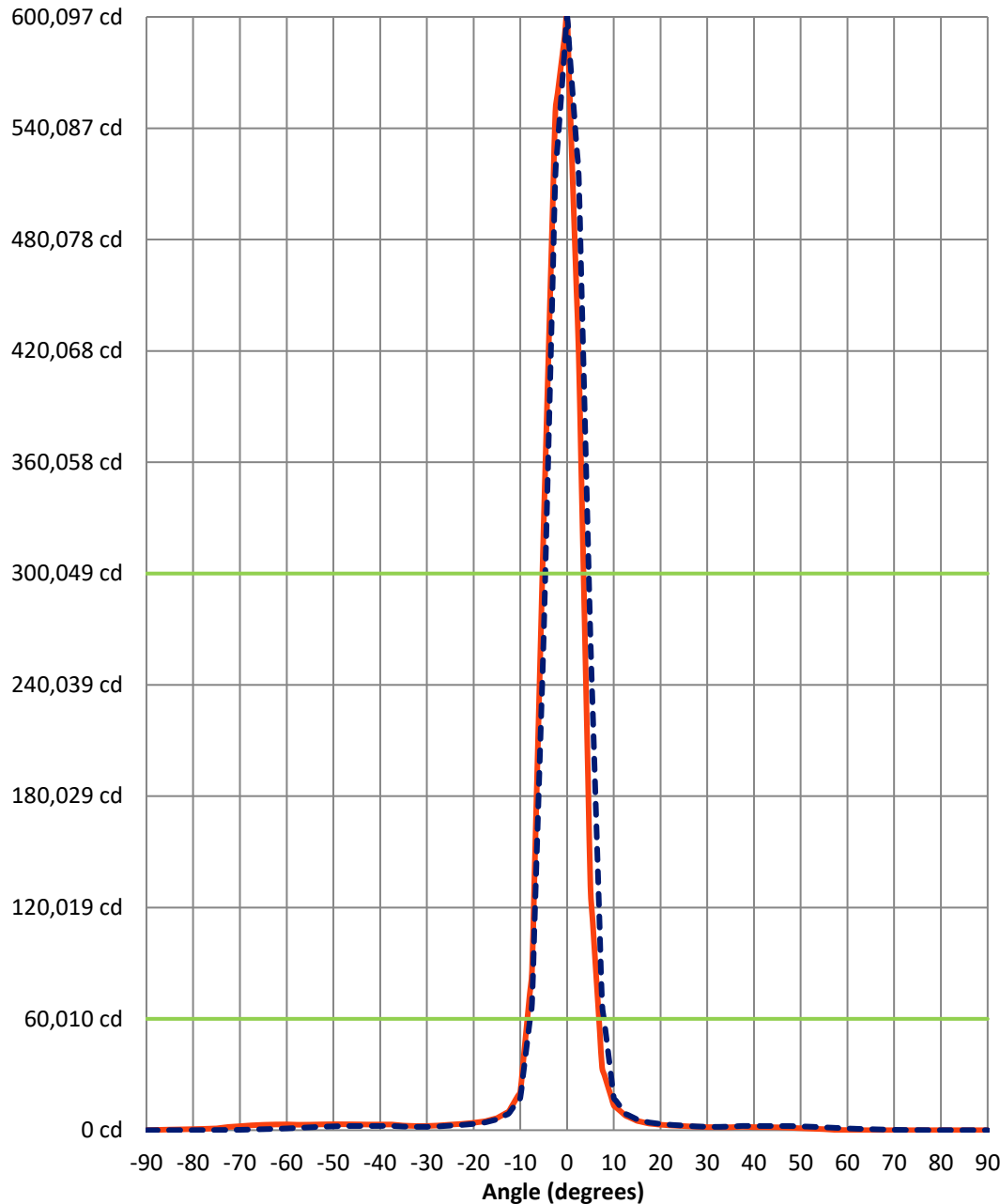
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 9250
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 14746.3
Efficiency: 57.8%

Spill:
Lumens: 10761
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	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
85°	0.0	5.9	5.9	11.8	11.8	11.8	17.7	23.6	29.4	29.4	35.3
82.5°	0.0	5.9	5.9	11.8	11.8	17.7	17.7	29.4	35.3	41.2	53.0
80°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	23.6	29.4	41.2	47.1
77.5°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	17.7	23.6	29.4	35.3
75°	0.0	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.7	17.7	23.6
72.5°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.7	17.7	17.7
70°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.7	17.7	17.7
67.5°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	11.8	17.7	17.7	17.7
65°	0.0	0.0	0.0	5.9	5.9	11.8	11.8	17.7	17.7	17.7	17.7
62.5°	5.9	5.9	5.9	11.8	17.7	17.7	23.6	29.4	29.4	29.4	29.4
60°	58.9	64.8	70.7	70.7	64.8	64.8	70.7	70.7	70.7	70.7	70.7
57.5°	159.0	170.8	176.6	176.6	176.6	170.8	194.3	200.2	176.6	164.9	182.5
55°	553.5	571.2	559.4	541.7	506.4	465.2	453.4	447.5	453.4	424.0	376.8
52.5°	806.7	824.4	818.5	806.7	783.1	753.7	730.1	706.6	683.0	635.9	582.9
50°	1048.1	1054.0	1048.1	1036.3	1012.8	983.3	936.2	883.2	836.1	824.4	777.3
47.5°	1319.0	1336.6	1336.6	1330.7	1313.1	1260.1	1189.4	1112.9	1077.6	1065.8	1018.7
45°	1560.4	1572.2	1578.1	1583.9	1578.1	1525.1	1460.3	1419.1	1342.5	1319.0	1319.0
42.5°	1625.2	1631.1	1636.9	1642.8	1660.5	1619.3	1566.3	1495.6	1478.0	1472.1	1460.3
40°	1648.7	1636.9	1642.8	1648.7	1654.6	1625.2	1583.9	1542.7	1530.9	1519.2	1519.2
37.5°	1872.5	1819.5	1778.3	1742.9	1713.5	1684.0	1642.8	1607.5	1578.1	1554.5	1578.1
35°	1595.7	1595.7	1636.9	1672.3	1707.6	1742.9	1748.8	1707.6	1642.8	1613.4	1654.6
32.5°	1631.1	1631.1	1631.1	1642.8	1654.6	1684.0	1713.5	1731.2	1778.3	1725.3	1725.3
30°	1666.4	1672.3	1684.0	1689.9	1672.3	1660.5	1648.7	1648.7	1678.2	1754.7	1795.9
27.5°	1872.5	1872.5	1854.8	1831.3	1778.3	1695.8	1654.6	1595.7	1601.6	1636.9	1737.0
25°	2208.1	2196.3	2155.1	2096.2	2002.0	1884.2	1772.4	1648.7	1595.7	1578.1	1619.3
22.5°	2526.1	2508.4	2455.4	2402.4	2325.9	2208.1	2019.7	1831.3	1666.4	1595.7	1578.1
20°	2932.4	2891.1	2832.3	2749.8	2626.2	2508.4	2343.5	2096.2	1854.8	1672.3	1601.6
17.5°	3586.0	3533.0	3421.1	3273.9	3061.9	2879.4	2643.8	2408.3	2137.4	1843.0	1684.0
15°	5016.8	4881.4	4687.1	4280.8	3862.7	3515.3	3162.0	2767.5	2490.7	2102.1	1860.7
12.5°	7890.3	7519.3	6954.0	6006.0	5069.8	4263.1	3691.9	3185.6	2738.0	2378.9	2037.3
10°	13354.6	12559.7	10999.3	8408.4	6683.2	5199.3	4174.8	3497.6	2932.4	2561.4	2184.5
7.5°	33775.1	27551.2	19496.1	13313.4	8744.1	6353.4	4775.4	3792.0	3138.4	2679.2	2302.3
5°	131638.1	108438.4	57846.4	24141.9	13154.4	7684.2	5317.1	4027.6	3273.9	2767.5	2390.6
2.5°	417778.6	360780.1	189284.3	51969.9	16151.5	8655.8	5688.1	4174.8	3350.4	2832.3	2455.4
0°	600097.0	514305.0	265649.3	68351.0	17517.6	8903.1	5805.8	4204.2	3362.2	2844.0	2455.4
-2.5°	548986.9	480471.0	256616.6	63605.1	17900.3	8973.7	5900.0	4304.3	3450.5	2897.0	2473.1
-5°	326204.2	286128.7	179009.3	45351.4	15904.2	8331.9	5652.7	4216.0	3391.6	2867.6	2461.3
-7.5°	85945.2	74404.2	48943.3	23665.0	10292.7	7048.3	5193.5	4068.8	3315.1	2814.6	2414.2
-10°	20720.8	19637.4	17541.2	10752.0	8013.9	5888.3	4604.6	3803.8	3162.0	2743.9	2337.6
-12.5°	9992.4	9756.9	8856.0	7301.5	5947.2	4893.2	4168.9	3527.1	3020.7	2620.3	2231.7
-15°	6500.6	6365.2	6059.0	5464.3	4775.4	4269.0	3762.6	3244.4	2844.0	2437.7	2143.3
-17.5°	4810.7	4804.8	4651.7	4428.0	4086.5	3709.6	3338.6	3008.9	2620.3	2272.9	2049.1
-20°	3986.4	3986.4	3898.0	3750.8	3509.4	3262.1	3014.8	2708.6	2390.6	2131.6	2037.3

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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°	3385.8	3391.6	3344.5	3250.3	3120.8	2914.7	2673.3	2426.0	2196.3	2102.1	2072.7
-25°	2997.1	2985.4	2932.4	2844.0	2708.6	2543.7	2384.7	2219.9	2155.1	2131.6	2172.8
-27.5°	2537.8	2555.5	2532.0	2490.7	2402.4	2284.6	2249.3	2202.2	2214.0	2249.3	2408.3
-30°	2267.0	2284.6	2308.2	2325.9	2296.4	2267.0	2278.8	2314.1	2390.6	2526.1	2585.0
-32.5°	2267.0	2272.9	2308.2	2343.5	2361.2	2384.7	2449.5	2567.3	2679.2	2643.8	2632.1
-35°	2473.1	2455.4	2502.5	2549.6	2614.4	2696.8	2767.5	2743.9	2702.7	2690.9	2702.7
-37.5°	3061.9	2950.0	2902.9	2873.5	2855.8	2844.0	2826.4	2808.7	2791.0	2779.3	2796.9
-40°	3056.0	3026.6	2997.1	2973.6	2955.9	2932.4	2920.6	2914.7	2897.0	2885.3	2873.5
-42.5°	3044.2	3056.0	3056.0	3050.1	3056.0	3050.1	3032.5	3008.9	2979.5	2955.9	2932.4
-45°	3132.6	3138.4	3150.2	3162.0	3179.7	3156.1	3120.8	3079.6	3038.3	3003.0	2973.6
-47.5°	3185.6	3191.4	3203.2	3220.9	3232.7	3209.1	3162.0	3109.0	3044.2	2985.4	2926.5
-50°	3203.2	3220.9	3226.8	3226.8	3220.9	3191.4	3120.8	3044.2	2973.6	2914.7	2861.7
-52.5°	3120.8	3138.4	3144.3	3132.6	3126.7	3097.2	3032.5	2961.8	2885.3	2844.0	2796.9
-55°	2985.4	3008.9	3026.6	3026.6	3026.6	3020.7	2961.8	2897.0	2838.1	2791.0	2743.9
-57.5°	2932.4	2973.6	3008.9	3014.8	3020.7	3026.6	2985.4	2920.6	2849.9	2779.3	2720.4
-60°	3126.7	3162.0	3179.7	3156.1	3138.4	3120.8	3056.0	2979.5	2908.8	2838.1	2726.3
-62.5°	3073.7	3132.6	3162.0	3144.3	3120.8	3091.3	3020.7	2932.4	2849.9	2773.4	2661.5
-65°	2902.9	2955.9	2991.2	2961.8	2926.5	2885.3	2820.5	2738.0	2661.5	2585.0	2484.8
-67.5°	2614.4	2690.9	2749.8	2685.1	2637.9	2585.0	2532.0	2461.3	2384.7	2296.4	2202.2
-70°	2161.0	2219.9	2272.9	2255.2	2243.4	2231.7	2196.3	2125.7	2060.9	1990.2	1907.8
-72.5°	1737.0	1790.0	1837.1	1807.7	1784.1	1748.8	1695.8	1619.3	1542.7	1466.2	1389.6
-75°	959.8	977.5	995.1	989.2	989.2	989.2	989.2	995.1	983.3	965.7	930.3
-77.5°	736.0	759.6	777.3	789.0	806.7	830.2	847.9	818.5	789.0	759.6	724.3
-80°	577.1	600.6	618.3	683.0	730.1	783.1	818.5	777.3	736.0	700.7	671.3
-82.5°	435.7	453.4	471.1	506.4	529.9	559.4	582.9	582.9	577.1	571.2	553.5
-85°	318.0	341.5	365.1	376.8	394.5	394.5	400.4	376.8	353.3	335.6	312.1
-87.5°	182.5	188.4	188.4	188.4	194.3	194.3	194.3	182.5	176.6	164.9	159.0
-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°	5.9	5.9	5.9	11.8	11.8	17.7	17.7	23.6	23.6	29.4	29.4
85°	35.3	35.3	35.3	41.2	41.2	47.1	53.0	58.9	64.8	64.8	70.7
82.5°	58.9	64.8	70.7	76.5	82.4	88.3	94.2	100.1	117.8	129.5	135.4
80°	58.9	64.8	82.4	94.2	106.0	117.8	117.8	117.8	117.8	123.7	135.4
77.5°	41.2	47.1	53.0	64.8	94.2	117.8	135.4	147.2	135.4	129.5	117.8
75°	23.6	29.4	35.3	41.2	58.9	82.4	111.9	141.3	164.9	159.0	147.2
72.5°	23.6	23.6	29.4	35.3	41.2	47.1	53.0	82.4	117.8	147.2	164.9
70°	23.6	29.4	29.4	35.3	41.2	47.1	53.0	64.8	82.4	117.8	153.1
67.5°	23.6	29.4	29.4	41.2	53.0	58.9	64.8	58.9	53.0	76.5	111.9
65°	23.6	23.6	29.4	35.3	41.2	47.1	64.8	64.8	58.9	58.9	58.9
62.5°	35.3	35.3	35.3	35.3	41.2	41.2	41.2	53.0	53.0	53.0	53.0
60°	70.7	64.8	64.8	64.8	64.8	53.0	53.0	53.0	47.1	53.0	47.1
57.5°	170.8	141.3	129.5	129.5	111.9	106.0	88.3	64.8	64.8	53.0	53.0
55°	347.4	329.7	276.7	229.6	206.1	182.5	141.3	117.8	88.3	70.7	64.8
52.5°	535.8	488.7	441.6	382.7	323.9	276.7	235.5	182.5	147.2	106.0	82.4
50°	700.7	659.5	606.5	541.7	465.2	406.3	347.4	276.7	217.9	164.9	117.8
47.5°	953.9	871.5	806.7	730.1	641.8	559.4	482.8	400.4	306.2	241.4	182.5
45°	1224.8	1107.0	1018.7	948.0	830.2	718.4	630.0	541.7	429.8	318.0	247.3
42.5°	1413.2	1324.9	1207.1	1112.9	1006.9	889.1	771.4	677.2	559.4	429.8	318.0
40°	1513.3	1454.4	1360.2	1277.8	1165.9	1036.3	912.7	818.5	694.8	553.5	400.4
37.5°	1589.8	1560.4	1513.3	1448.5	1342.5	1189.4	1065.8	953.9	847.9	683.0	518.2
35°	1678.2	1672.3	1642.8	1613.4	1525.1	1377.9	1230.6	1101.1	971.6	818.5	635.9
32.5°	1760.6	1754.7	1737.0	1725.3	1689.9	1560.4	1401.4	1254.2	1107.0	948.0	747.8
30°	1801.8	1790.0	1790.0	1801.8	1766.5	1684.0	1566.3	1407.3	1242.4	1054.0	865.6
27.5°	1801.8	1790.0	1795.9	1813.6	1807.7	1766.5	1678.2	1548.6	1366.1	1154.1	971.6
25°	1725.3	1784.1	1784.1	1807.7	1813.6	1801.8	1754.7	1672.3	1483.8	1260.1	1054.0
22.5°	1619.3	1760.6	1813.6	1807.7	1813.6	1843.0	1848.9	1772.4	1595.7	1366.1	1136.4
20°	1619.3	1719.4	1872.5	1831.3	1843.0	1907.8	1937.2	1872.5	1713.5	1466.2	1218.9
17.5°	1654.6	1719.4	1848.9	1913.7	1931.4	1984.3	2031.5	1990.2	1819.5	1572.2	1330.7
15°	1754.7	1742.9	1831.3	1990.2	2019.7	2060.9	2113.9	2066.8	1913.7	1689.9	1436.7
12.5°	1825.4	1760.6	1831.3	2002.0	2096.2	2137.4	2155.1	2119.8	1996.1	1795.9	1542.7
10°	1919.6	1807.7	1843.0	1990.2	2125.7	2155.1	2172.8	2161.0	2072.7	1884.2	1636.9
7.5°	1990.2	1831.3	1831.3	1972.6	2155.1	2178.7	2190.4	2202.2	2137.4	1960.8	1719.4
5°	2019.7	1831.3	1819.5	1954.9	2184.5	2208.1	2208.1	2225.8	2184.5	2019.7	1778.3
2.5°	2025.6	1825.4	1807.7	1943.1	2237.5	2237.5	2225.8	2243.4	2219.9	2055.0	1819.5
0°	2055.0	1819.5	1801.8	1960.8	2296.4	2272.9	2243.4	2249.3	2237.5	2072.7	1843.0
-2.5°	2055.0	1848.9	1825.4	1972.6	2290.5	2284.6	2272.9	2278.8	2267.0	2125.7	1890.1
-5°	2084.4	1890.1	1866.6	2025.6	2284.6	2302.3	2308.2	2308.2	2290.5	2161.0	1919.6
-7.5°	2090.3	1919.6	1913.7	2078.6	2296.4	2325.9	2343.5	2355.3	2320.0	2184.5	1943.1
-10°	2060.9	1931.4	1960.8	2143.3	2308.2	2349.4	2384.7	2402.4	2343.5	2196.3	1954.9
-12.5°	1996.1	1931.4	2007.9	2225.8	2337.6	2384.7	2437.7	2443.6	2367.1	2202.2	1960.8
-15°	1990.2	1978.5	2090.3	2308.2	2355.3	2414.2	2496.6	2479.0	2384.7	2202.2	1960.8
-17.5°	1984.3	2043.2	2214.0	2337.6	2384.7	2449.5	2514.3	2496.6	2396.5	2202.2	1949.0
-20°	2037.3	2149.2	2361.2	2367.1	2420.1	2490.7	2526.1	2490.7	2378.9	2184.5	1931.4



REPORT NUMBER: P723676

CATALOG NUMBER: IFLD-S-SA6E-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°	2125.7	2337.6	2408.3	2431.9	2479.0	2532.0	2549.6	2496.6	2361.2	2155.1	1901.9
-25°	2349.4	2455.4	2455.4	2508.4	2555.5	2579.1	2561.4	2502.5	2337.6	2125.7	1872.5
-27.5°	2520.2	2514.3	2543.7	2596.7	2637.9	2637.9	2590.8	2473.1	2302.3	2096.2	1831.3
-30°	2585.0	2590.8	2632.1	2690.9	2702.7	2673.3	2602.6	2449.5	2272.9	2049.1	1778.3
-32.5°	2649.7	2673.3	2726.3	2755.7	2761.6	2702.7	2573.2	2408.3	2225.8	1996.1	1719.4
-35°	2726.3	2773.4	2802.8	2808.7	2779.3	2679.2	2532.0	2355.3	2155.1	1919.6	1666.4
-37.5°	2826.4	2849.9	2867.6	2844.0	2761.6	2643.8	2461.3	2284.6	2090.3	1837.1	1589.8
-40°	2891.1	2902.9	2908.8	2832.3	2732.2	2561.4	2384.7	2202.2	1978.5	1742.9	1507.4
-42.5°	2932.4	2920.6	2873.5	2791.0	2643.8	2479.0	2308.2	2102.1	1878.4	1648.7	1419.1
-45°	2920.6	2879.4	2808.7	2708.6	2555.5	2390.6	2190.4	1984.3	1772.4	1548.6	1319.0
-47.5°	2873.5	2808.7	2720.4	2602.6	2461.3	2261.1	2060.9	1860.7	1654.6	1436.7	1224.8
-50°	2814.6	2738.0	2632.1	2484.8	2296.4	2113.9	1931.4	1737.0	1525.1	1324.9	1136.4
-52.5°	2749.8	2667.4	2532.0	2367.1	2161.0	1972.6	1795.9	1607.5	1413.2	1224.8	1059.9
-55°	2679.2	2596.7	2443.6	2255.2	2049.1	1843.0	1672.3	1513.3	1324.9	1142.3	995.1
-57.5°	2643.8	2537.8	2378.9	2190.4	1972.6	1760.6	1613.4	1442.6	1271.9	1083.4	942.1
-60°	2614.4	2508.4	2361.2	2143.3	1937.2	1737.0	1566.3	1401.4	1218.9	1042.2	900.9
-62.5°	2532.0	2420.1	2284.6	2072.7	1872.5	1689.9	1536.8	1342.5	1165.9	1001.0	871.5
-65°	2367.1	2249.3	2131.6	1943.1	1760.6	1589.8	1436.7	1260.1	1095.2	953.9	842.0
-67.5°	2108.0	2007.9	1901.9	1742.9	1589.8	1436.7	1295.4	1142.3	1006.9	906.8	847.9
-70°	1819.5	1713.5	1607.5	1478.0	1348.4	1224.8	1112.9	1001.0	912.7	859.7	812.6
-72.5°	1324.9	1277.8	1224.8	1124.7	1018.7	942.1	889.1	842.0	777.3	730.1	700.7
-75°	883.2	818.5	736.0	700.7	706.6	694.8	665.4	630.0	600.6	582.9	541.7
-77.5°	688.9	653.6	612.4	571.2	553.5	535.8	512.3	482.8	459.3	418.1	359.2
-80°	635.9	606.5	577.1	547.6	518.2	476.9	429.8	382.7	359.2	341.5	335.6
-82.5°	524.1	488.7	453.4	424.0	382.7	353.3	323.9	300.3	300.3	294.4	288.5
-85°	300.3	288.5	270.9	259.1	247.3	229.6	212.0	200.2	194.3	188.4	182.5
-87.5°	153.1	147.2	135.4	129.5	123.7	117.8	106.0	100.1	94.2	94.2	88.3
-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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CATALOG NUMBER: IFLD-S-SA6E-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°	29.4	29.4	23.6	23.6	23.6	17.7	11.8	11.8	5.9	5.9	0.0
85°	70.7	58.9	53.0	47.1	47.1	35.3	23.6	17.7	11.8	5.9	5.9
82.5°	135.4	117.8	100.1	88.3	70.7	53.0	41.2	29.4	17.7	11.8	5.9
80°	153.1	153.1	147.2	123.7	100.1	76.5	53.0	35.3	23.6	17.7	11.8
77.5°	117.8	129.5	129.5	129.5	123.7	94.2	64.8	41.2	23.6	17.7	11.8
75°	135.4	117.8	111.9	117.8	111.9	94.2	76.5	47.1	29.4	23.6	11.8
72.5°	164.9	141.3	123.7	117.8	106.0	88.3	70.7	53.0	29.4	23.6	17.7
70°	153.1	147.2	135.4	123.7	106.0	88.3	70.7	53.0	35.3	23.6	17.7
67.5°	135.4	135.4	135.4	123.7	106.0	82.4	64.8	47.1	35.3	23.6	17.7
65°	94.2	111.9	123.7	117.8	106.0	82.4	64.8	47.1	35.3	29.4	17.7
62.5°	58.9	76.5	100.1	111.9	100.1	82.4	58.9	47.1	35.3	29.4	17.7
60°	53.0	58.9	70.7	88.3	94.2	76.5	58.9	41.2	35.3	29.4	17.7
57.5°	53.0	53.0	58.9	70.7	76.5	70.7	53.0	35.3	35.3	29.4	23.6
55°	58.9	53.0	53.0	58.9	64.8	64.8	53.0	35.3	35.3	29.4	23.6
52.5°	70.7	58.9	53.0	53.0	53.0	58.9	47.1	35.3	35.3	29.4	23.6
50°	88.3	70.7	64.8	53.0	53.0	53.0	47.1	35.3	29.4	29.4	23.6
47.5°	117.8	94.2	70.7	64.8	53.0	47.1	41.2	35.3	29.4	29.4	23.6
45°	176.6	111.9	94.2	70.7	58.9	53.0	47.1	35.3	29.4	29.4	23.6
42.5°	241.4	164.9	117.8	82.4	64.8	53.0	47.1	41.2	29.4	29.4	23.6
40°	306.2	223.8	147.2	106.0	76.5	58.9	47.1	41.2	35.3	29.4	23.6
37.5°	376.8	276.7	194.3	135.4	88.3	64.8	53.0	41.2	35.3	29.4	23.6
35°	465.2	347.4	241.4	164.9	106.0	76.5	58.9	41.2	35.3	29.4	23.6
32.5°	565.3	412.2	288.5	200.2	135.4	94.2	64.8	47.1	35.3	29.4	23.6
30°	659.5	488.7	341.5	241.4	164.9	106.0	70.7	47.1	35.3	29.4	17.7
27.5°	753.7	565.3	406.3	282.6	200.2	123.7	76.5	53.0	35.3	29.4	23.6
25°	847.9	641.8	471.1	323.9	229.6	147.2	94.2	58.9	35.3	29.4	23.6
22.5°	930.3	718.4	529.9	371.0	265.0	170.8	106.0	64.8	41.2	29.4	23.6
20°	1024.6	800.8	594.7	424.0	294.4	194.3	117.8	70.7	41.2	29.4	23.6
17.5°	1112.9	883.2	659.5	471.1	329.7	217.9	135.4	76.5	47.1	29.4	23.6
15°	1201.2	959.8	718.4	518.2	365.1	241.4	147.2	82.4	53.0	29.4	23.6
12.5°	1283.6	1030.4	771.4	559.4	394.5	265.0	159.0	88.3	58.9	29.4	23.6
10°	1360.2	1095.2	824.4	594.7	424.0	282.6	170.8	100.1	64.8	29.4	23.6
7.5°	1436.7	1148.2	865.6	630.0	459.3	306.2	182.5	106.0	70.7	35.3	23.6
5°	1483.8	1195.3	900.9	659.5	488.7	329.7	194.3	111.9	76.5	35.3	23.6
2.5°	1525.1	1230.6	924.5	688.9	518.2	347.4	194.3	117.8	82.4	35.3	23.6
0°	1548.6	1254.2	942.1	706.6	541.7	359.2	200.2	123.7	88.3	35.3	23.6
-2.5°	1601.6	1295.4	983.3	730.1	565.3	394.5	212.0	129.5	94.2	41.2	23.6
-5°	1636.9	1319.0	1012.8	753.7	582.9	429.8	229.6	141.3	106.0	53.0	29.4
-7.5°	1666.4	1342.5	1036.3	765.5	600.6	441.6	235.5	147.2	111.9	58.9	29.4
-10°	1672.3	1354.3	1054.0	783.1	612.4	459.3	241.4	153.1	117.8	64.8	29.4
-12.5°	1678.2	1366.1	1059.9	794.9	624.2	471.1	247.3	159.0	123.7	70.7	29.4
-15°	1672.3	1360.2	1059.9	806.7	630.0	459.3	259.1	164.9	129.5	76.5	29.4
-17.5°	1660.5	1354.3	1054.0	800.8	624.2	447.5	265.0	176.6	129.5	82.4	35.3
-20°	1642.8	1336.6	1042.2	794.9	618.3	435.7	270.9	182.5	135.4	82.4	35.3

REPORT NUMBER: P723676

CATALOG NUMBER: IFLD-S-SA6E-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°	1613.4	1307.2	1018.7	777.3	606.5	424.0	270.9	194.3	141.3	82.4	35.3
-25°	1578.1	1277.8	995.1	753.7	588.8	406.3	270.9	200.2	147.2	82.4	35.3
-27.5°	1536.8	1248.3	959.8	736.0	565.3	394.5	270.9	206.1	153.1	82.4	35.3
-30°	1489.7	1207.1	930.3	706.6	547.6	394.5	276.7	212.0	159.0	82.4	35.3
-32.5°	1442.6	1165.9	895.0	683.0	524.1	388.6	276.7	217.9	164.9	76.5	41.2
-35°	1389.6	1118.8	865.6	665.4	506.4	376.8	282.6	217.9	159.0	76.5	41.2
-37.5°	1324.9	1059.9	836.1	647.7	494.6	365.1	282.6	223.8	153.1	76.5	41.2
-40°	1254.2	1012.8	800.8	624.2	476.9	359.2	282.6	223.8	147.2	76.5	47.1
-42.5°	1177.7	959.8	765.5	600.6	459.3	353.3	282.6	223.8	141.3	76.5	47.1
-45°	1107.0	906.8	724.3	571.2	441.6	353.3	282.6	217.9	129.5	82.4	47.1
-47.5°	1030.4	847.9	677.2	541.7	435.7	347.4	276.7	206.1	117.8	82.4	47.1
-50°	965.7	789.0	641.8	512.3	424.0	353.3	282.6	188.4	117.8	82.4	47.1
-52.5°	900.9	747.8	600.6	500.5	412.2	359.2	276.7	176.6	117.8	82.4	47.1
-55°	847.9	706.6	577.1	482.8	424.0	371.0	265.0	159.0	117.8	82.4	47.1
-57.5°	806.7	683.0	559.4	488.7	441.6	359.2	247.3	153.1	117.8	76.5	47.1
-60°	777.3	659.5	565.3	512.3	447.5	341.5	235.5	153.1	117.8	76.5	41.2
-62.5°	753.7	665.4	594.7	529.9	424.0	318.0	223.8	153.1	106.0	70.7	41.2
-65°	759.6	688.9	606.5	506.4	406.3	294.4	206.1	147.2	100.1	64.8	41.2
-67.5°	777.3	671.3	571.2	476.9	365.1	265.0	188.4	135.4	94.2	64.8	41.2
-70°	718.4	618.3	518.2	406.3	312.1	229.6	176.6	123.7	82.4	58.9	41.2
-72.5°	647.7	518.2	412.2	329.7	265.0	212.0	159.0	111.9	76.5	53.0	35.3
-75°	471.1	376.8	306.2	276.7	235.5	188.4	141.3	100.1	70.7	53.0	35.3
-77.5°	335.6	312.1	282.6	253.2	212.0	164.9	123.7	94.2	64.8	47.1	29.4
-80°	329.7	300.3	265.0	217.9	176.6	141.3	106.0	82.4	58.9	41.2	23.6
-82.5°	276.7	235.5	200.2	164.9	135.4	111.9	88.3	64.8	47.1	29.4	17.7
-85°	170.8	147.2	129.5	111.9	94.2	76.5	58.9	41.2	29.4	17.7	11.8
-87.5°	82.4	76.5	64.8	53.0	47.1	35.3	29.4	23.6	17.7	11.8	5.9
-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: P723676

CATALOG NUMBER: IFLD-S-SA6E-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°	5.9	0.0	0.0	0.0
80°	5.9	0.0	0.0	0.0
77.5°	5.9	0.0	0.0	0.0
75°	5.9	5.9	0.0	0.0
72.5°	5.9	5.9	0.0	0.0
70°	11.8	5.9	5.9	0.0
67.5°	11.8	5.9	5.9	0.0
65°	11.8	5.9	5.9	0.0
62.5°	11.8	5.9	5.9	0.0
60°	11.8	5.9	5.9	0.0
57.5°	11.8	5.9	5.9	0.0
55°	11.8	5.9	5.9	0.0
52.5°	11.8	5.9	5.9	0.0
50°	11.8	5.9	5.9	0.0
47.5°	11.8	11.8	5.9	0.0
45°	11.8	11.8	5.9	0.0
42.5°	11.8	11.8	5.9	0.0
40°	11.8	11.8	5.9	0.0
37.5°	11.8	11.8	5.9	0.0
35°	11.8	11.8	5.9	0.0
32.5°	17.7	11.8	5.9	0.0
30°	17.7	11.8	11.8	0.0
27.5°	17.7	11.8	11.8	0.0
25°	17.7	11.8	11.8	0.0
22.5°	17.7	11.8	11.8	0.0
20°	17.7	11.8	11.8	0.0
17.5°	17.7	11.8	11.8	0.0
15°	17.7	11.8	11.8	0.0
12.5°	17.7	11.8	11.8	0.0
10°	17.7	11.8	11.8	0.0
7.5°	17.7	11.8	11.8	0.0
5°	17.7	11.8	11.8	0.0
2.5°	17.7	11.8	11.8	0.0
0°	17.7	11.8	11.8	0.0
-2.5°	17.7	11.8	11.8	0.0
-5°	17.7	11.8	11.8	0.0
-7.5°	17.7	11.8	11.8	0.0
-10°	17.7	11.8	11.8	0.0
-12.5°	23.6	11.8	11.8	0.0
-15°	23.6	11.8	11.8	0.0
-17.5°	23.6	11.8	11.8	0.0
-20°	23.6	11.8	11.8	0.0

REPORT NUMBER: P723676

CATALOG NUMBER: IFLD-S-SA6E-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	23.6	11.8	11.8	0.0
-25°	23.6	11.8	11.8	0.0
-27.5°	23.6	11.8	11.8	0.0
-30°	23.6	11.8	11.8	0.0
-32.5°	23.6	11.8	11.8	0.0
-35°	23.6	11.8	11.8	0.0
-37.5°	23.6	11.8	11.8	0.0
-40°	23.6	11.8	11.8	0.0
-42.5°	17.7	11.8	5.9	0.0
-45°	23.6	11.8	5.9	0.0
-47.5°	23.6	11.8	5.9	0.0
-50°	23.6	11.8	5.9	0.0
-52.5°	23.6	11.8	5.9	0.0
-55°	23.6	11.8	5.9	0.0
-57.5°	23.6	11.8	5.9	0.0
-60°	23.6	11.8	5.9	0.0
-62.5°	23.6	11.8	5.9	0.0
-65°	23.6	11.8	5.9	0.0
-67.5°	23.6	11.8	5.9	0.0
-70°	23.6	5.9	5.9	0.0
-72.5°	17.7	5.9	5.9	0.0
-75°	17.7	5.9	5.9	0.0
-77.5°	11.8	5.9	0.0	0.0
-80°	11.8	5.9	0.0	0.0
-82.5°	11.8	5.9	0.0	0.0
-85°	5.9	0.0	0.0	0.0
-87.5°	5.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)