

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: P723734

Luminaire Tested: **IFLD-S-SA6E-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723734
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	28011.5 lumens	Max Intensity:	659012.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.3 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:	10158.1 lumens	Field Lumens:	16194 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

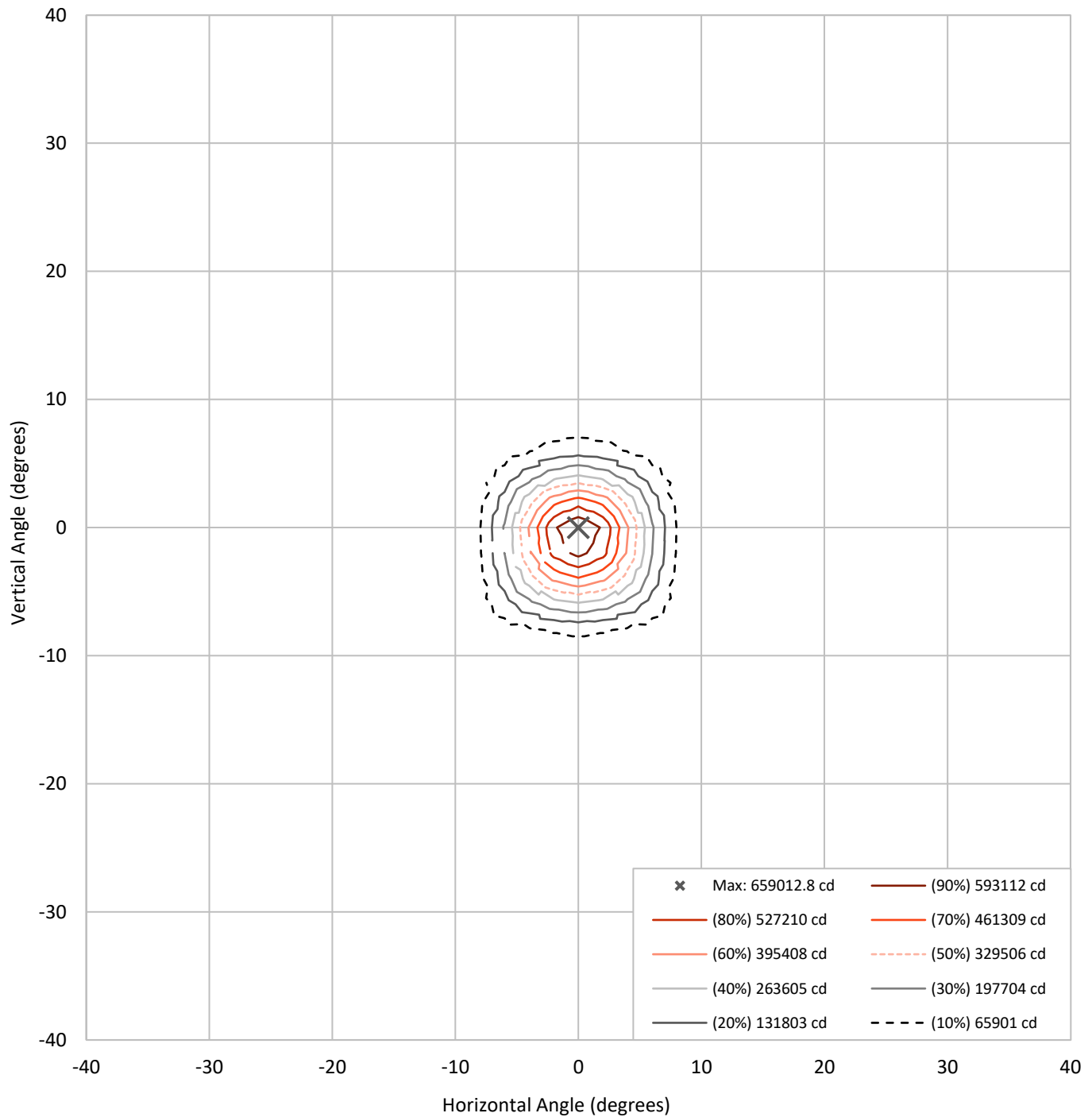
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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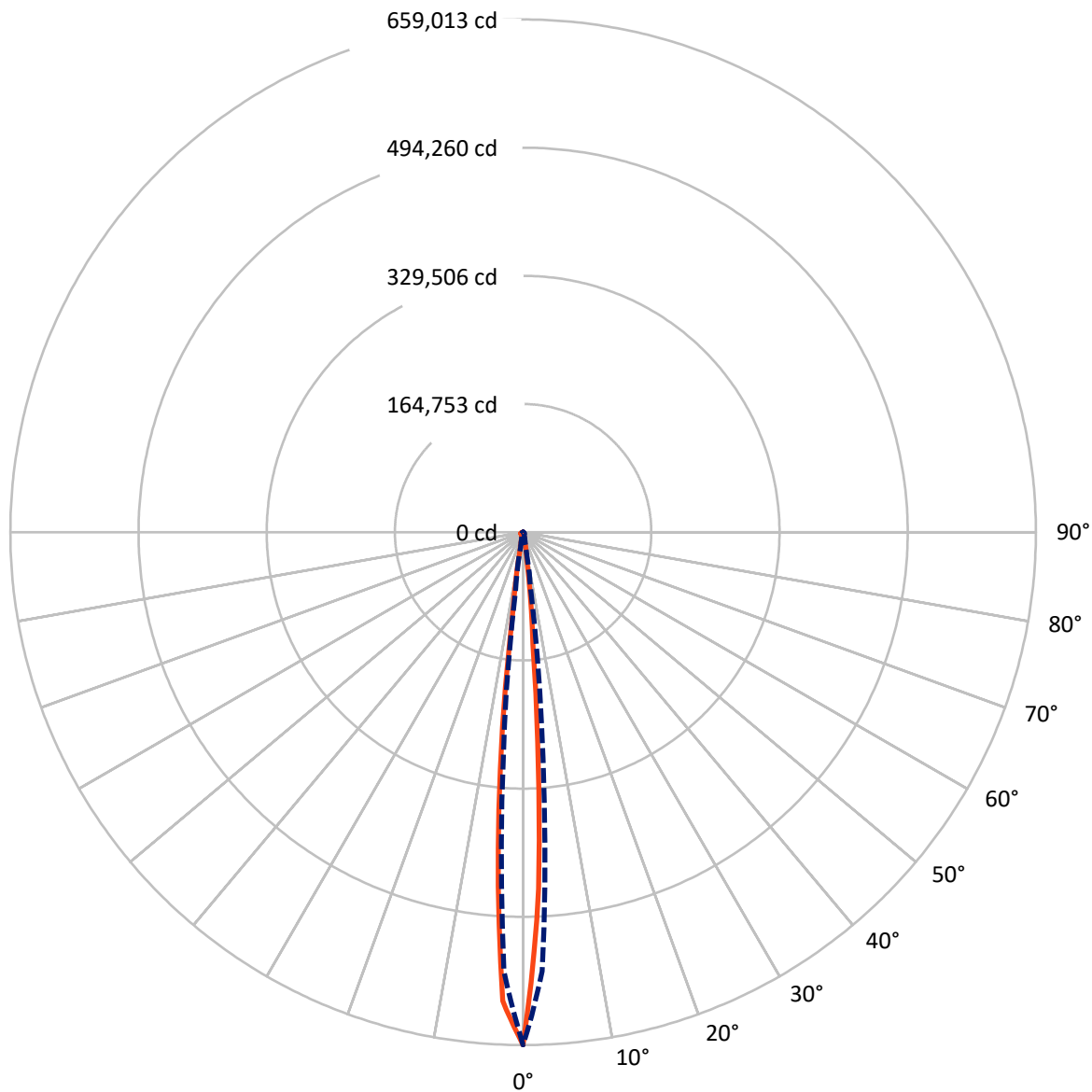
Lumen Table

90																		
80	0.5		6.2		6.8		2.6		0.7		2.6		6.8		6.2		0.5	
70																		
60	0.7		1.4	1.8	1.4	1.1	0.9	0.7	0.4	0.4	0.7	0.9	1.1	1.4	1.8	1.4	0.7	
50			0.9	1.3	3.3	7.2	11.8	15.2	17.4	17.4	15.2	11.8	7.2	3.3	1.3	0.9		
40	0.7		0.9	3.8	12.7	25.1	36.7	44.2	49.0	49.0	44.2	36.7	25.1	12.7	3.8	0.9	0.7	
30			1.9	9.7	26.2	42.6	50.0	54.0	55.9	55.9	54.0	50.0	42.6	26.2	9.7	1.9		
20	1.1		3.6	16.6	38.1	49.4	50.8	60.0	72.2	72.2	60.0	50.8	49.4	38.1	16.6	3.6	1.1	
10			5.7	23.3	46.8	52.6	59.4	104.3	177.8	177.8	104.3	59.4	52.6	46.8	23.3	5.7		
0	1.9		7.4	28.6	51.5	54.6	73.3	198.4	3677.2	3677.2	198.4	73.3	54.6	51.5	28.6	7.4	1.9	
-10			8.7	31.3	54.1	56.6	75.8	213.8	5361.7	5361.7	213.8	75.8	56.6	54.1	31.3	8.7		
-20	2.7		9.3	32.1	56.9	61.2	68.3	124.3	238.5	238.5	124.3	68.3	61.2	56.9	32.1	9.3	2.7	
-30			8.7	30.5	57.7	68.7	68.8	80.5	98.2	98.2	80.5	68.8	68.7	57.7	30.5	8.7		
-40	3.0		7.7	26.9	55.1	75.6	82.4	85.8	86.5	86.5	85.8	82.4	75.6	55.1	26.9	7.7	3.0	
-50			6.8	21.7	46.8	72.9	88.7	99.4	104.2	104.2	99.4	88.7	72.9	46.8	21.7	6.8		
-60	2.3		6.2	16.7	36.3	62.2	83.5	97.0	102.6	102.6	97.0	83.5	62.2	36.3	16.7	6.2	2.3	
-70			5.7	14.7	29.6	51.9	73.0	88.4	95.5	95.5	88.4	73.0	51.9	29.6	14.7	5.7		
-80	1.1		17.3		51.6		95.6		105.5		95.6		51.6		17.3		1.1	
-90																		
Horizontal Angle (degrees)																		
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



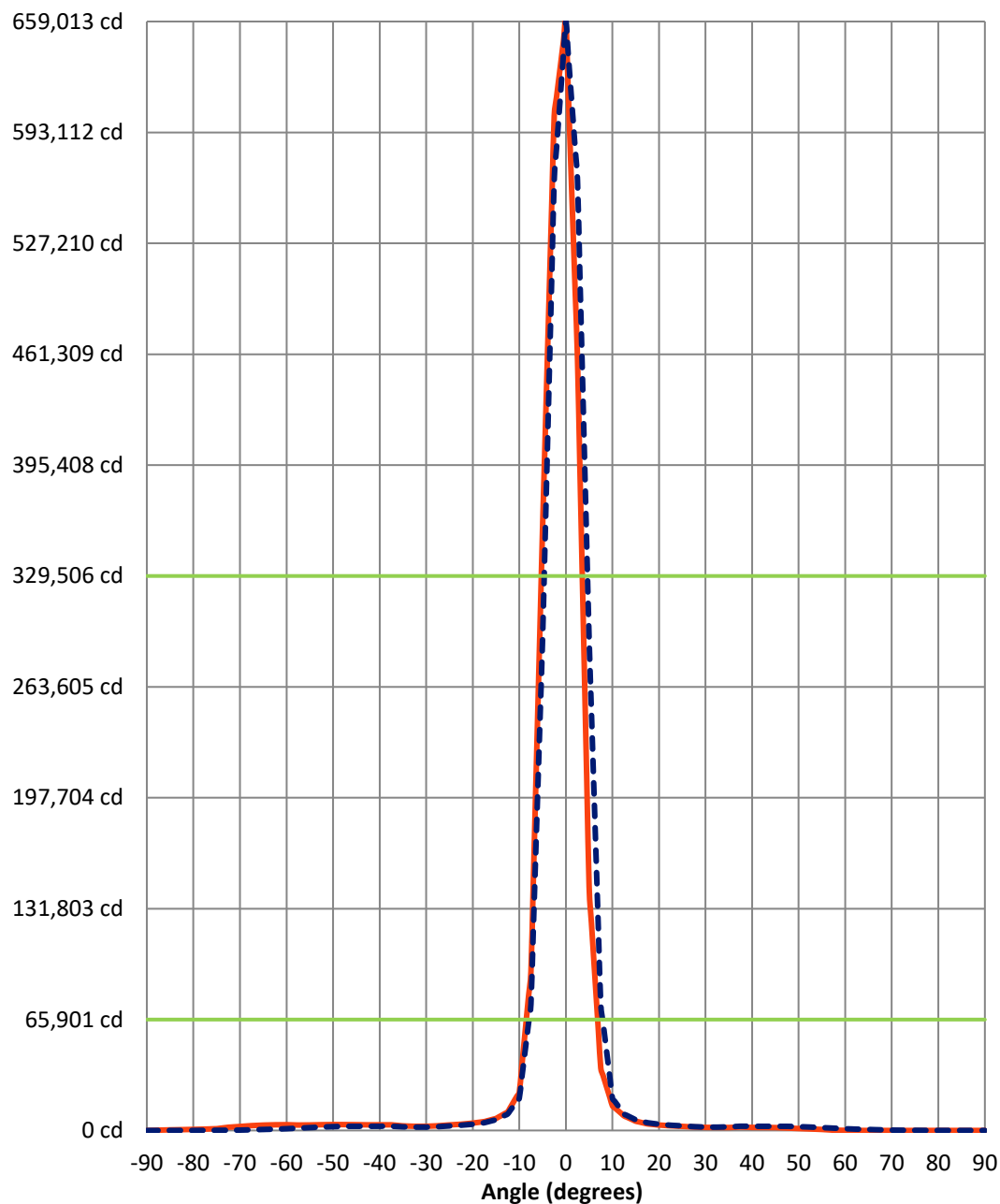
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 10158.1

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 16194

Efficiency: 57.8%

Spill:

Lumens: 11817.5

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	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
85°	0.0	6.5	6.5	12.9	12.9	12.9	19.4	25.9	32.3	32.3	38.8
82.5°	0.0	6.5	6.5	12.9	12.9	19.4	19.4	32.3	38.8	45.3	58.2
80°	6.5	6.5	6.5	12.9	12.9	19.4	19.4	25.9	32.3	45.3	51.7
77.5°	0.0	6.5	6.5	6.5	12.9	12.9	12.9	19.4	25.9	32.3	38.8
75°	0.0	6.5	6.5	6.5	12.9	12.9	12.9	12.9	19.4	19.4	25.9
72.5°	0.0	0.0	0.0	6.5	6.5	12.9	12.9	12.9	19.4	19.4	19.4
70°	0.0	0.0	0.0	6.5	6.5	12.9	12.9	12.9	19.4	19.4	19.4
67.5°	0.0	0.0	0.0	6.5	6.5	12.9	12.9	12.9	19.4	19.4	19.4
65°	0.0	0.0	0.0	6.5	6.5	12.9	12.9	19.4	19.4	19.4	19.4
62.5°	6.5	6.5	6.5	12.9	19.4	19.4	25.9	32.3	32.3	32.3	32.3
60°	64.7	71.1	77.6	77.6	71.1	71.1	77.6	77.6	77.6	77.6	77.6
57.5°	174.6	187.5	194.0	194.0	194.0	187.5	213.4	219.9	194.0	181.1	200.5
55°	607.8	627.2	614.3	594.9	556.1	510.8	497.9	491.4	497.9	465.6	413.8
52.5°	885.9	905.3	898.8	885.9	860.0	827.7	801.8	776.0	750.1	698.4	640.2
50°	1151.0	1157.5	1151.0	1138.1	1112.2	1079.9	1028.2	970.0	918.2	905.3	853.6
47.5°	1448.5	1467.9	1467.9	1461.4	1442.0	1383.8	1306.2	1222.1	1183.3	1170.4	1118.7
45°	1713.6	1726.5	1733.0	1739.5	1733.0	1674.8	1603.7	1558.4	1474.3	1448.5	1448.5
42.5°	1784.7	1791.2	1797.6	1804.1	1823.5	1778.2	1720.1	1642.5	1623.1	1616.6	1603.7
40°	1810.6	1797.6	1804.1	1810.6	1817.0	1784.7	1739.5	1694.2	1681.3	1668.3	1668.3
37.5°	2056.3	1998.1	1952.8	1914.0	1881.7	1849.4	1804.1	1765.3	1733.0	1707.1	1733.0
35°	1752.4	1752.4	1797.6	1836.4	1875.2	1914.0	1920.5	1875.2	1804.1	1771.8	1817.0
32.5°	1791.2	1791.2	1791.2	1804.1	1817.0	1849.4	1881.7	1901.1	1952.8	1894.6	1894.6
30°	1830.0	1836.4	1849.4	1855.8	1836.4	1823.5	1810.6	1810.6	1842.9	1927.0	1972.2
27.5°	2056.3	2056.3	2036.9	2011.0	1952.8	1862.3	1817.0	1752.4	1758.9	1797.6	1907.6
25°	2424.9	2412.0	2366.7	2302.0	2198.6	2069.2	1946.4	1810.6	1752.4	1733.0	1778.2
22.5°	2774.1	2754.7	2696.5	2638.3	2554.2	2424.9	2218.0	2011.0	1830.0	1752.4	1733.0
20°	3220.2	3175.0	3110.3	3019.8	2884.0	2754.7	2573.6	2302.0	2036.9	1836.4	1758.9
17.5°	3938.0	3879.8	3757.0	3595.3	3362.5	3162.1	2903.4	2644.7	2347.3	2024.0	1849.4
15°	5509.3	5360.6	5147.2	4701.0	4241.9	3860.4	3472.4	3039.2	2735.3	2308.5	2043.4
12.5°	8664.9	8257.5	7636.8	6595.7	5567.5	4681.6	4054.4	3498.3	3006.9	2612.4	2237.4
10°	14665.7	13792.7	12079.2	9234.0	7339.3	5709.8	4584.7	3841.0	3220.2	2812.9	2399.0
7.5°	37091.1	30256.1	21410.1	14620.4	9602.5	6977.2	5244.2	4164.3	3446.6	2942.2	2528.3
5°	144562.0	119084.5	63525.5	26512.1	14445.9	8438.6	5839.1	4423.0	3595.3	3039.2	2625.3
2.5°	458794.8	396200.4	207867.7	57072.1	17737.2	9505.6	6246.5	4584.7	3679.4	3110.3	2696.5
0°	659012.8	564797.9	291729.9	75061.5	19237.4	9777.1	6375.8	4617.0	3692.3	3123.3	2696.5
-2.5°	602884.8	527642.2	281810.5	69849.6	19657.7	9854.7	6479.3	4726.9	3789.3	3181.4	2715.9
-5°	358230.0	314219.9	196583.9	49803.9	17465.6	9149.9	6207.7	4629.9	3724.6	3149.1	2702.9
-7.5°	94383.0	81708.9	53748.4	25988.3	11303.2	7740.2	5703.3	4468.3	3640.6	3090.9	2651.2
-10°	22755.1	21565.3	19263.3	11807.6	8800.7	6466.4	5056.7	4177.3	3472.4	3013.3	2567.1
-12.5°	10973.4	10714.8	9725.4	8018.3	6531.0	5373.5	4578.2	3873.4	3317.2	2877.5	2450.8
-15°	7138.9	6990.1	6653.9	6000.8	5244.2	4688.1	4132.0	3563.0	3123.3	2677.1	2353.8
-17.5°	5283.0	5276.6	5108.4	4862.7	4487.7	4073.8	3666.4	3304.3	2877.5	2496.0	2250.3
-20°	4377.7	4377.7	4280.7	4119.1	3854.0	3582.4	3310.8	2974.5	2625.3	2340.8	2237.4

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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°	3718.2	3724.6	3672.9	3569.4	3427.2	3200.8	2935.7	2664.1	2412.0	2308.5	2276.2
-25°	3291.4	3278.4	3220.2	3123.3	2974.5	2793.5	2618.9	2437.8	2366.7	2340.8	2386.1
-27.5°	2787.0	2806.4	2780.5	2735.3	2638.3	2508.9	2470.2	2418.4	2431.4	2470.2	2644.7
-30°	2489.5	2508.9	2534.8	2554.2	2521.9	2489.5	2502.5	2541.3	2625.3	2774.1	2838.7
-32.5°	2489.5	2496.0	2534.8	2573.6	2593.0	2618.9	2690.0	2819.3	2942.2	2903.4	2890.5
-35°	2715.9	2696.5	2748.2	2799.9	2871.1	2961.6	3039.2	3013.3	2968.1	2955.1	2968.1
-37.5°	3362.5	3239.6	3187.9	3155.6	3136.2	3123.3	3103.9	3084.5	3065.1	3052.1	3071.5
-40°	3356.0	3323.7	3291.4	3265.5	3246.1	3220.2	3207.3	3200.8	3181.4	3168.5	3155.6
-42.5°	3343.1	3356.0	3356.0	3349.6	3356.0	3349.6	3330.2	3304.3	3272.0	3246.1	3220.2
-45°	3440.1	3446.6	3459.5	3472.4	3491.8	3466.0	3427.2	3381.9	3336.6	3297.8	3265.5
-47.5°	3498.3	3504.8	3517.7	3537.1	3550.0	3524.2	3472.4	3414.2	3343.1	3278.4	3213.8
-50°	3517.7	3537.1	3543.6	3543.6	3537.1	3504.8	3427.2	3343.1	3265.5	3200.8	3142.7
-52.5°	3427.2	3446.6	3453.0	3440.1	3433.6	3401.3	3330.2	3252.6	3168.5	3123.3	3071.5
-55°	3278.4	3304.3	3323.7	3323.7	3323.7	3317.2	3252.6	3181.4	3116.8	3065.1	3013.3
-57.5°	3220.2	3265.5	3304.3	3310.8	3317.2	3323.7	3278.4	3207.3	3129.7	3052.1	2987.5
-60°	3433.6	3472.4	3491.8	3466.0	3446.6	3427.2	3356.0	3272.0	3194.4	3116.8	2993.9
-62.5°	3375.4	3440.1	3472.4	3453.0	3427.2	3394.8	3317.2	3220.2	3129.7	3045.7	2922.8
-65°	3187.9	3246.1	3284.9	3252.6	3213.8	3168.5	3097.4	3006.9	2922.8	2838.7	2728.8
-67.5°	2871.1	2955.1	3019.8	2948.7	2896.9	2838.7	2780.5	2702.9	2618.9	2521.9	2418.4
-70°	2373.2	2437.8	2496.0	2476.6	2463.7	2450.8	2412.0	2334.4	2263.2	2185.6	2095.1
-72.5°	1907.6	1965.8	2017.5	1985.2	1959.3	1920.5	1862.3	1778.2	1694.2	1610.1	1526.1
-75°	1054.0	1073.4	1092.8	1086.3	1086.3	1086.3	1086.3	1092.8	1079.9	1060.5	1021.7
-77.5°	808.3	834.2	853.6	866.5	885.9	911.8	931.2	898.8	866.5	834.2	795.4
-80°	633.7	659.6	679.0	750.1	801.8	860.0	898.8	853.6	808.3	769.5	737.2
-82.5°	478.5	497.9	517.3	556.1	582.0	614.3	640.2	640.2	633.7	627.2	607.8
-85°	349.2	375.0	400.9	413.8	433.2	433.2	439.7	413.8	388.0	368.6	342.7
-87.5°	200.5	206.9	206.9	206.9	213.4	213.4	213.4	200.5	194.0	181.1	174.6
-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°	6.5	6.5	6.5	12.9	12.9	19.4	19.4	25.9	25.9	32.3	32.3
85°	38.8	38.8	38.8	45.3	45.3	51.7	58.2	64.7	71.1	71.1	77.6
82.5°	64.7	71.1	77.6	84.1	90.5	97.0	103.5	109.9	129.3	142.3	148.7
80°	64.7	71.1	90.5	103.5	116.4	129.3	129.3	129.3	129.3	135.8	148.7
77.5°	45.3	51.7	58.2	71.1	103.5	129.3	148.7	161.7	148.7	142.3	129.3
75°	25.9	32.3	38.8	45.3	64.7	90.5	122.9	155.2	181.1	174.6	161.7
72.5°	25.9	25.9	32.3	38.8	45.3	51.7	58.2	90.5	129.3	161.7	181.1
70°	25.9	32.3	32.3	38.8	45.3	51.7	58.2	71.1	90.5	129.3	168.1
67.5°	25.9	32.3	32.3	45.3	58.2	64.7	71.1	64.7	58.2	84.1	122.9
65°	25.9	25.9	32.3	38.8	45.3	51.7	71.1	71.1	64.7	64.7	64.7
62.5°	38.8	38.8	38.8	38.8	45.3	45.3	45.3	58.2	58.2	58.2	58.2
60°	77.6	71.1	71.1	71.1	71.1	58.2	58.2	58.2	51.7	58.2	51.7
57.5°	187.5	155.2	142.3	142.3	122.9	116.4	97.0	71.1	71.1	58.2	58.2
55°	381.5	362.1	303.9	252.2	226.3	200.5	155.2	129.3	97.0	77.6	71.1
52.5°	588.4	536.7	485.0	420.3	355.6	303.9	258.7	200.5	161.7	116.4	90.5
50°	769.5	724.2	666.0	594.9	510.8	446.2	381.5	303.9	239.3	181.1	129.3
47.5°	1047.6	957.0	885.9	801.8	704.8	614.3	530.2	439.7	336.3	265.1	200.5
45°	1345.0	1215.7	1118.7	1041.1	911.8	788.9	691.9	594.9	472.0	349.2	271.6
42.5°	1551.9	1454.9	1325.6	1222.1	1105.7	976.4	847.1	743.6	614.3	472.0	349.2
40°	1661.9	1597.2	1493.7	1403.2	1280.3	1138.1	1002.3	898.8	763.0	607.8	439.7
37.5°	1745.9	1713.6	1661.9	1590.7	1474.3	1306.2	1170.4	1047.6	931.2	750.1	569.0
35°	1842.9	1836.4	1804.1	1771.8	1674.8	1513.1	1351.5	1209.2	1066.9	898.8	698.4
32.5°	1933.4	1927.0	1907.6	1894.6	1855.8	1713.6	1539.0	1377.3	1215.7	1041.1	821.2
30°	1978.7	1965.8	1965.8	1978.7	1939.9	1849.4	1720.1	1545.5	1364.4	1157.5	950.6
27.5°	1978.7	1965.8	1972.2	1991.6	1985.2	1939.9	1842.9	1700.7	1500.2	1267.4	1066.9
25°	1894.6	1959.3	1959.3	1985.2	1991.6	1978.7	1927.0	1836.4	1629.5	1383.8	1157.5
22.5°	1778.2	1933.4	1991.6	1985.2	1991.6	2024.0	2030.4	1946.4	1752.4	1500.2	1248.0
20°	1778.2	1888.2	2056.3	2011.0	2024.0	2095.1	2127.4	2056.3	1881.7	1610.1	1338.5
17.5°	1817.0	1888.2	2030.4	2101.6	2121.0	2179.2	2230.9	2185.6	1998.1	1726.5	1461.4
15°	1927.0	1914.0	2011.0	2185.6	2218.0	2263.2	2321.4	2269.7	2101.6	1855.8	1577.8
12.5°	2004.6	1933.4	2011.0	2198.6	2302.0	2347.3	2366.7	2327.9	2192.1	1972.2	1694.2
10°	2108.0	1985.2	2024.0	2185.6	2334.4	2366.7	2386.1	2373.2	2276.2	2069.2	1797.6
7.5°	2185.6	2011.0	2011.0	2166.2	2366.7	2392.6	2405.5	2418.4	2347.3	2153.3	1888.2
5°	2218.0	2011.0	1998.1	2146.8	2399.0	2424.9	2424.9	2444.3	2399.0	2218.0	1952.8
2.5°	2224.4	2004.6	1985.2	2133.9	2457.2	2457.2	2444.3	2463.7	2437.8	2256.8	1998.1
0°	2256.8	1998.1	1978.7	2153.3	2521.9	2496.0	2463.7	2470.2	2457.2	2276.2	2024.0
-2.5°	2256.8	2030.4	2004.6	2166.2	2515.4	2508.9	2496.0	2502.5	2489.5	2334.4	2075.7
-5°	2289.1	2075.7	2049.8	2224.4	2508.9	2528.3	2534.8	2534.8	2515.4	2373.2	2108.0
-7.5°	2295.6	2108.0	2101.6	2282.6	2521.9	2554.2	2573.6	2586.5	2547.7	2399.0	2133.9
-10°	2263.2	2121.0	2153.3	2353.8	2534.8	2580.1	2618.9	2638.3	2573.6	2412.0	2146.8
-12.5°	2192.1	2121.0	2205.0	2444.3	2567.1	2618.9	2677.1	2683.5	2599.5	2418.4	2153.3
-15°	2185.6	2172.7	2295.6	2534.8	2586.5	2651.2	2741.7	2722.3	2618.9	2418.4	2153.3
-17.5°	2179.2	2243.8	2431.4	2567.1	2618.9	2690.0	2761.1	2741.7	2631.8	2418.4	2140.4
-20°	2237.4	2360.2	2593.0	2599.5	2657.7	2735.3	2774.1	2735.3	2612.4	2399.0	2121.0

REPORT NUMBER: P723734

CATALOG NUMBER: IFLD-S-SA6E-740-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°	2334.4	2567.1	2644.7	2670.6	2722.3	2780.5	2799.9	2741.7	2593.0	2366.7	2088.6
-25°	2580.1	2696.5	2696.5	2754.7	2806.4	2832.3	2812.9	2748.2	2567.1	2334.4	2056.3
-27.5°	2767.6	2761.1	2793.5	2851.7	2896.9	2896.9	2845.2	2715.9	2528.3	2302.0	2011.0
-30°	2838.7	2845.2	2890.5	2955.1	2968.1	2935.7	2858.1	2690.0	2496.0	2250.3	1952.8
-32.5°	2909.9	2935.7	2993.9	3026.3	3032.7	2968.1	2825.8	2644.7	2444.3	2192.1	1888.2
-35°	2993.9	3045.7	3078.0	3084.5	3052.1	2942.2	2780.5	2586.5	2366.7	2108.0	1830.0
-37.5°	3103.9	3129.7	3149.1	3123.3	3032.7	2903.4	2702.9	2508.9	2295.6	2017.5	1745.9
-40°	3175.0	3187.9	3194.4	3110.3	3000.4	2812.9	2618.9	2418.4	2172.7	1914.0	1655.4
-42.5°	3220.2	3207.3	3155.6	3065.1	2903.4	2722.3	2534.8	2308.5	2062.8	1810.6	1558.4
-45°	3207.3	3162.1	3084.5	2974.5	2806.4	2625.3	2405.5	2179.2	1946.4	1700.7	1448.5
-47.5°	3155.6	3084.5	2987.5	2858.1	2702.9	2483.1	2263.2	2043.4	1817.0	1577.8	1345.0
-50°	3090.9	3006.9	2890.5	2728.8	2521.9	2321.4	2121.0	1907.6	1674.8	1454.9	1248.0
-52.5°	3019.8	2929.3	2780.5	2599.5	2373.2	2166.2	1972.2	1765.3	1551.9	1345.0	1163.9
-55°	2942.2	2851.7	2683.5	2476.6	2250.3	2024.0	1836.4	1661.9	1454.9	1254.5	1092.8
-57.5°	2903.4	2787.0	2612.4	2405.5	2166.2	1933.4	1771.8	1584.3	1396.7	1189.8	1034.6
-60°	2871.1	2754.7	2593.0	2353.8	2127.4	1907.6	1720.1	1539.0	1338.5	1144.5	989.4
-62.5°	2780.5	2657.7	2508.9	2276.2	2056.3	1855.8	1687.7	1474.3	1280.3	1099.3	957.0
-65°	2599.5	2470.2	2340.8	2133.9	1933.4	1745.9	1577.8	1383.8	1202.7	1047.6	924.7
-67.5°	2315.0	2205.0	2088.6	1914.0	1745.9	1577.8	1422.6	1254.5	1105.7	995.8	931.2
-70°	1998.1	1881.7	1765.3	1623.1	1480.8	1345.0	1222.1	1099.3	1002.3	944.1	892.4
-72.5°	1454.9	1403.2	1345.0	1235.1	1118.7	1034.6	976.4	924.7	853.6	801.8	769.5
-75°	970.0	898.8	808.3	769.5	776.0	763.0	730.7	691.9	659.6	640.2	594.9
-77.5°	756.6	717.8	672.5	627.2	607.8	588.4	562.6	530.2	504.4	459.1	394.4
-80°	698.4	666.0	633.7	601.4	569.0	523.8	472.0	420.3	394.4	375.0	368.6
-82.5°	575.5	536.7	497.9	465.6	420.3	388.0	355.6	329.8	329.8	323.3	316.9
-85°	329.8	316.9	297.5	284.5	271.6	252.2	232.8	219.9	213.4	206.9	200.5
-87.5°	168.1	161.7	148.7	142.3	135.8	129.3	116.4	109.9	103.5	103.5	97.0
-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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CATALOG NUMBER: IFLD-S-SA6E-740-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°	32.3	32.3	25.9	25.9	25.9	19.4	12.9	12.9	6.5	6.5	0.0
85°	77.6	64.7	58.2	51.7	51.7	38.8	25.9	19.4	12.9	6.5	6.5
82.5°	148.7	129.3	109.9	97.0	77.6	58.2	45.3	32.3	19.4	12.9	6.5
80°	168.1	168.1	161.7	135.8	109.9	84.1	58.2	38.8	25.9	19.4	12.9
77.5°	129.3	142.3	142.3	142.3	135.8	103.5	71.1	45.3	25.9	19.4	12.9
75°	148.7	129.3	122.9	129.3	122.9	103.5	84.1	51.7	32.3	25.9	12.9
72.5°	181.1	155.2	135.8	129.3	116.4	97.0	77.6	58.2	32.3	25.9	19.4
70°	168.1	161.7	148.7	135.8	116.4	97.0	77.6	58.2	38.8	25.9	19.4
67.5°	148.7	148.7	148.7	135.8	116.4	90.5	71.1	51.7	38.8	25.9	19.4
65°	103.5	122.9	135.8	129.3	116.4	90.5	71.1	51.7	38.8	32.3	19.4
62.5°	64.7	84.1	109.9	122.9	109.9	90.5	64.7	51.7	38.8	32.3	19.4
60°	58.2	64.7	77.6	97.0	103.5	84.1	64.7	45.3	38.8	32.3	19.4
57.5°	58.2	58.2	64.7	77.6	84.1	77.6	58.2	38.8	38.8	32.3	25.9
55°	64.7	58.2	58.2	64.7	71.1	71.1	58.2	38.8	38.8	32.3	25.9
52.5°	77.6	64.7	58.2	58.2	58.2	64.7	51.7	38.8	38.8	32.3	25.9
50°	97.0	77.6	71.1	58.2	58.2	58.2	51.7	38.8	32.3	32.3	25.9
47.5°	129.3	103.5	77.6	71.1	58.2	51.7	45.3	38.8	32.3	32.3	25.9
45°	194.0	122.9	103.5	77.6	64.7	58.2	51.7	38.8	32.3	32.3	25.9
42.5°	265.1	181.1	129.3	90.5	71.1	58.2	51.7	45.3	32.3	32.3	25.9
40°	336.3	245.7	161.7	116.4	84.1	64.7	51.7	45.3	38.8	32.3	25.9
37.5°	413.8	303.9	213.4	148.7	97.0	71.1	58.2	45.3	38.8	32.3	25.9
35°	510.8	381.5	265.1	181.1	116.4	84.1	64.7	45.3	38.8	32.3	25.9
32.5°	620.8	452.6	316.9	219.9	148.7	103.5	71.1	51.7	38.8	32.3	25.9
30°	724.2	536.7	375.0	265.1	181.1	116.4	77.6	51.7	38.8	32.3	19.4
27.5°	827.7	620.8	446.2	310.4	219.9	135.8	84.1	58.2	38.8	32.3	25.9
25°	931.2	704.8	517.3	355.6	252.2	161.7	103.5	64.7	38.8	32.3	25.9
22.5°	1021.7	788.9	582.0	407.4	291.0	187.5	116.4	71.1	45.3	32.3	25.9
20°	1125.1	879.4	653.1	465.6	323.3	213.4	129.3	77.6	45.3	32.3	25.9
17.5°	1222.1	970.0	724.2	517.3	362.1	239.3	148.7	84.1	51.7	32.3	25.9
15°	1319.1	1054.0	788.9	569.0	400.9	265.1	161.7	90.5	58.2	32.3	25.9
12.5°	1409.7	1131.6	847.1	614.3	433.2	291.0	174.6	97.0	64.7	32.3	25.9
10°	1493.7	1202.7	905.3	653.1	465.6	310.4	187.5	109.9	71.1	32.3	25.9
7.5°	1577.8	1260.9	950.6	691.9	504.4	336.3	200.5	116.4	77.6	38.8	25.9
5°	1629.5	1312.7	989.4	724.2	536.7	362.1	213.4	122.9	84.1	38.8	25.9
2.5°	1674.8	1351.5	1015.2	756.6	569.0	381.5	213.4	129.3	90.5	38.8	25.9
0°	1700.7	1377.3	1034.6	776.0	594.9	394.4	219.9	135.8	97.0	38.8	25.9
-2.5°	1758.9	1422.6	1079.9	801.8	620.8	433.2	232.8	142.3	103.5	45.3	25.9
-5°	1797.6	1448.5	1112.2	827.7	640.2	472.0	252.2	155.2	116.4	58.2	32.3
-7.5°	1830.0	1474.3	1138.1	840.6	659.6	485.0	258.7	161.7	122.9	64.7	32.3
-10°	1836.4	1487.3	1157.5	860.0	672.5	504.4	265.1	168.1	129.3	71.1	32.3
-12.5°	1842.9	1500.2	1163.9	873.0	685.4	517.3	271.6	174.6	135.8	77.6	32.3
-15°	1836.4	1493.7	1163.9	885.9	691.9	504.4	284.5	181.1	142.3	84.1	32.3
-17.5°	1823.5	1487.3	1157.5	879.4	685.4	491.4	291.0	194.0	142.3	90.5	38.8
-20°	1804.1	1467.9	1144.5	873.0	679.0	478.5	297.5	200.5	148.7	90.5	38.8



REPORT NUMBER: P723734

CATALOG NUMBER: IFLD-S-SA6E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1771.8	1435.5	1118.7	853.6	666.0	465.6	297.5	213.4	155.2	90.5	38.8
-25°	1733.0	1403.2	1092.8	827.7	646.6	446.2	297.5	219.9	161.7	90.5	38.8
-27.5°	1687.7	1370.9	1054.0	808.3	620.8	433.2	297.5	226.3	168.1	90.5	38.8
-30°	1636.0	1325.6	1021.7	776.0	601.4	433.2	303.9	232.8	174.6	90.5	38.8
-32.5°	1584.3	1280.3	982.9	750.1	575.5	426.8	303.9	239.3	181.1	84.1	45.3
-35°	1526.1	1228.6	950.6	730.7	556.1	413.8	310.4	239.3	174.6	84.1	45.3
-37.5°	1454.9	1163.9	918.2	711.3	543.2	400.9	310.4	245.7	168.1	84.1	45.3
-40°	1377.3	1112.2	879.4	685.4	523.8	394.4	310.4	245.7	161.7	84.1	51.7
-42.5°	1293.3	1054.0	840.6	659.6	504.4	388.0	310.4	245.7	155.2	84.1	51.7
-45°	1215.7	995.8	795.4	627.2	485.0	388.0	310.4	239.3	142.3	90.5	51.7
-47.5°	1131.6	931.2	743.6	594.9	478.5	381.5	303.9	226.3	129.3	90.5	51.7
-50°	1060.5	866.5	704.8	562.6	465.6	388.0	310.4	206.9	129.3	90.5	51.7
-52.5°	989.4	821.2	659.6	549.6	452.6	394.4	303.9	194.0	129.3	90.5	51.7
-55°	931.2	776.0	633.7	530.2	465.6	407.4	291.0	174.6	129.3	90.5	51.7
-57.5°	885.9	750.1	614.3	536.7	485.0	394.4	271.6	168.1	129.3	84.1	51.7
-60°	853.6	724.2	620.8	562.6	491.4	375.0	258.7	168.1	129.3	84.1	45.3
-62.5°	827.7	730.7	653.1	582.0	465.6	349.2	245.7	168.1	116.4	77.6	45.3
-65°	834.2	756.6	666.0	556.1	446.2	323.3	226.3	161.7	109.9	71.1	45.3
-67.5°	853.6	737.2	627.2	523.8	400.9	291.0	206.9	148.7	103.5	71.1	45.3
-70°	788.9	679.0	569.0	446.2	342.7	252.2	194.0	135.8	90.5	64.7	45.3
-72.5°	711.3	569.0	452.6	362.1	291.0	232.8	174.6	122.9	84.1	58.2	38.8
-75°	517.3	413.8	336.3	303.9	258.7	206.9	155.2	109.9	77.6	58.2	38.8
-77.5°	368.6	342.7	310.4	278.1	232.8	181.1	135.8	103.5	71.1	51.7	32.3
-80°	362.1	329.8	291.0	239.3	194.0	155.2	116.4	90.5	64.7	45.3	25.9
-82.5°	303.9	258.7	219.9	181.1	148.7	122.9	97.0	71.1	51.7	32.3	19.4
-85°	187.5	161.7	142.3	122.9	103.5	84.1	64.7	45.3	32.3	19.4	12.9
-87.5°	90.5	84.1	71.1	58.2	51.7	38.8	32.3	25.9	19.4	12.9	6.5
-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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CATALOG NUMBER: IFLD-S-SA6E-740-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°	6.5	0.0	0.0	0.0
80°	6.5	0.0	0.0	0.0
77.5°	6.5	0.0	0.0	0.0
75°	6.5	6.5	0.0	0.0
72.5°	6.5	6.5	0.0	0.0
70°	12.9	6.5	6.5	0.0
67.5°	12.9	6.5	6.5	0.0
65°	12.9	6.5	6.5	0.0
62.5°	12.9	6.5	6.5	0.0
60°	12.9	6.5	6.5	0.0
57.5°	12.9	6.5	6.5	0.0
55°	12.9	6.5	6.5	0.0
52.5°	12.9	6.5	6.5	0.0
50°	12.9	6.5	6.5	0.0
47.5°	12.9	12.9	6.5	0.0
45°	12.9	12.9	6.5	0.0
42.5°	12.9	12.9	6.5	0.0
40°	12.9	12.9	6.5	0.0
37.5°	12.9	12.9	6.5	0.0
35°	12.9	12.9	6.5	0.0
32.5°	19.4	12.9	6.5	0.0
30°	19.4	12.9	12.9	0.0
27.5°	19.4	12.9	12.9	0.0
25°	19.4	12.9	12.9	0.0
22.5°	19.4	12.9	12.9	0.0
20°	19.4	12.9	12.9	0.0
17.5°	19.4	12.9	12.9	0.0
15°	19.4	12.9	12.9	0.0
12.5°	19.4	12.9	12.9	0.0
10°	19.4	12.9	12.9	0.0
7.5°	19.4	12.9	12.9	0.0
5°	19.4	12.9	12.9	0.0
2.5°	19.4	12.9	12.9	0.0
0°	19.4	12.9	12.9	0.0
-2.5°	19.4	12.9	12.9	0.0
-5°	19.4	12.9	12.9	0.0
-7.5°	19.4	12.9	12.9	0.0
-10°	19.4	12.9	12.9	0.0
-12.5°	25.9	12.9	12.9	0.0
-15°	25.9	12.9	12.9	0.0
-17.5°	25.9	12.9	12.9	0.0
-20°	25.9	12.9	12.9	0.0

REPORT NUMBER: P723734

CATALOG NUMBER: IFLD-S-SA6E-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	25.9	12.9	12.9	0.0
-25°	25.9	12.9	12.9	0.0
-27.5°	25.9	12.9	12.9	0.0
-30°	25.9	12.9	12.9	0.0
-32.5°	25.9	12.9	12.9	0.0
-35°	25.9	12.9	12.9	0.0
-37.5°	25.9	12.9	12.9	0.0
-40°	25.9	12.9	12.9	0.0
-42.5°	19.4	12.9	6.5	0.0
-45°	25.9	12.9	6.5	0.0
-47.5°	25.9	12.9	6.5	0.0
-50°	25.9	12.9	6.5	0.0
-52.5°	25.9	12.9	6.5	0.0
-55°	25.9	12.9	6.5	0.0
-57.5°	25.9	12.9	6.5	0.0
-60°	25.9	12.9	6.5	0.0
-62.5°	25.9	12.9	6.5	0.0
-65°	25.9	12.9	6.5	0.0
-67.5°	25.9	12.9	6.5	0.0
-70°	25.9	6.5	6.5	0.0
-72.5°	19.4	6.5	6.5	0.0
-75°	19.4	6.5	6.5	0.0
-77.5°	12.9	6.5	0.0	0.0
-80°	12.9	6.5	0.0	0.0
-82.5°	12.9	6.5	0.0	0.0
-85°	6.5	0.0	0.0	0.0
-87.5°	6.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)