

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: P723618

Luminaire Tested: **IFLD-S-SA6E-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723618
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6E-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	20633.3 lumens	Max Intensity:	485428.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.4 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:	7482.5 lumens	Field Lumens:	11928.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

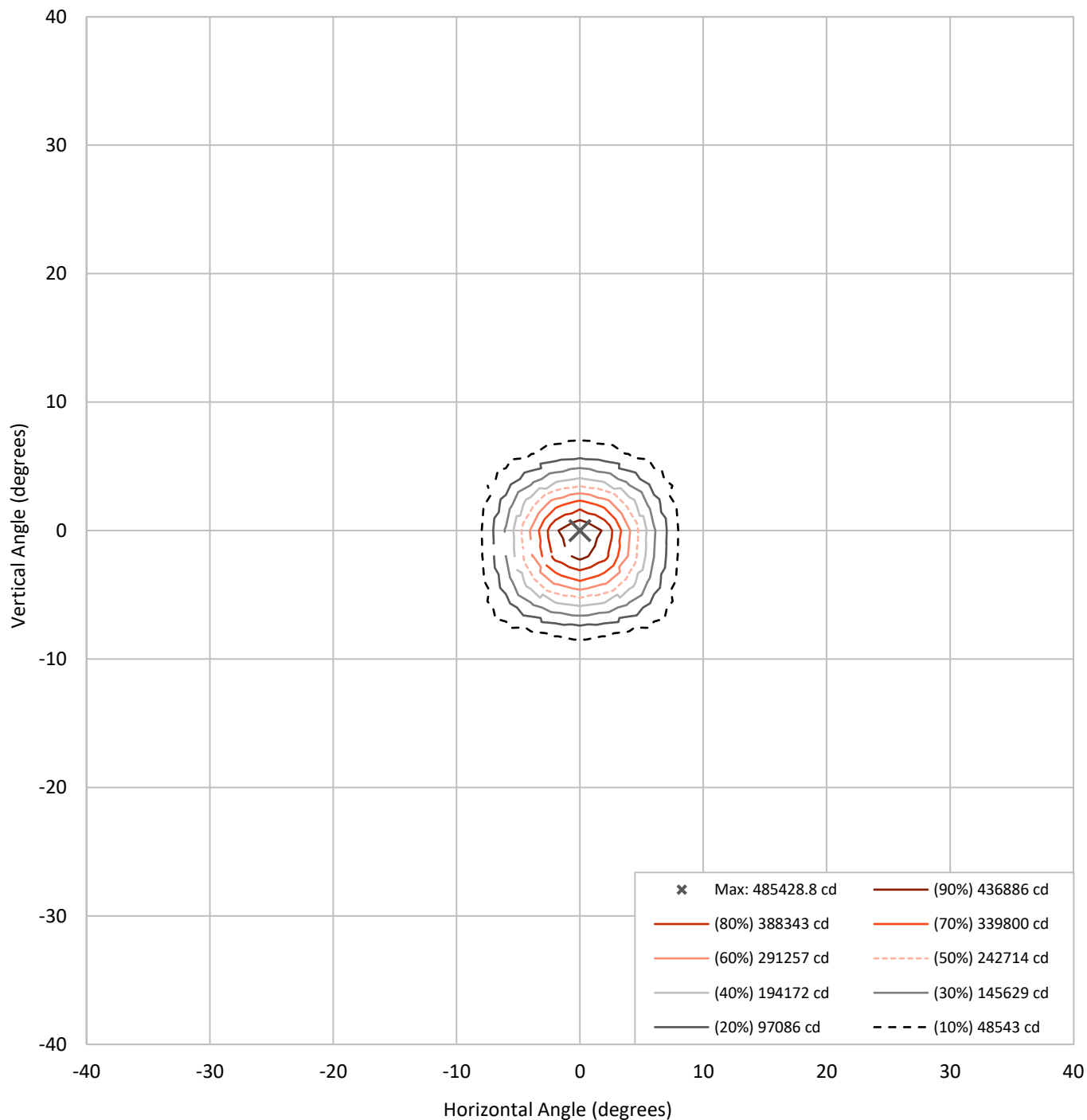
Input Watts (W): 464.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



CATALOG NUMBER: IFLD-S-SA6E-722-U-11-VI

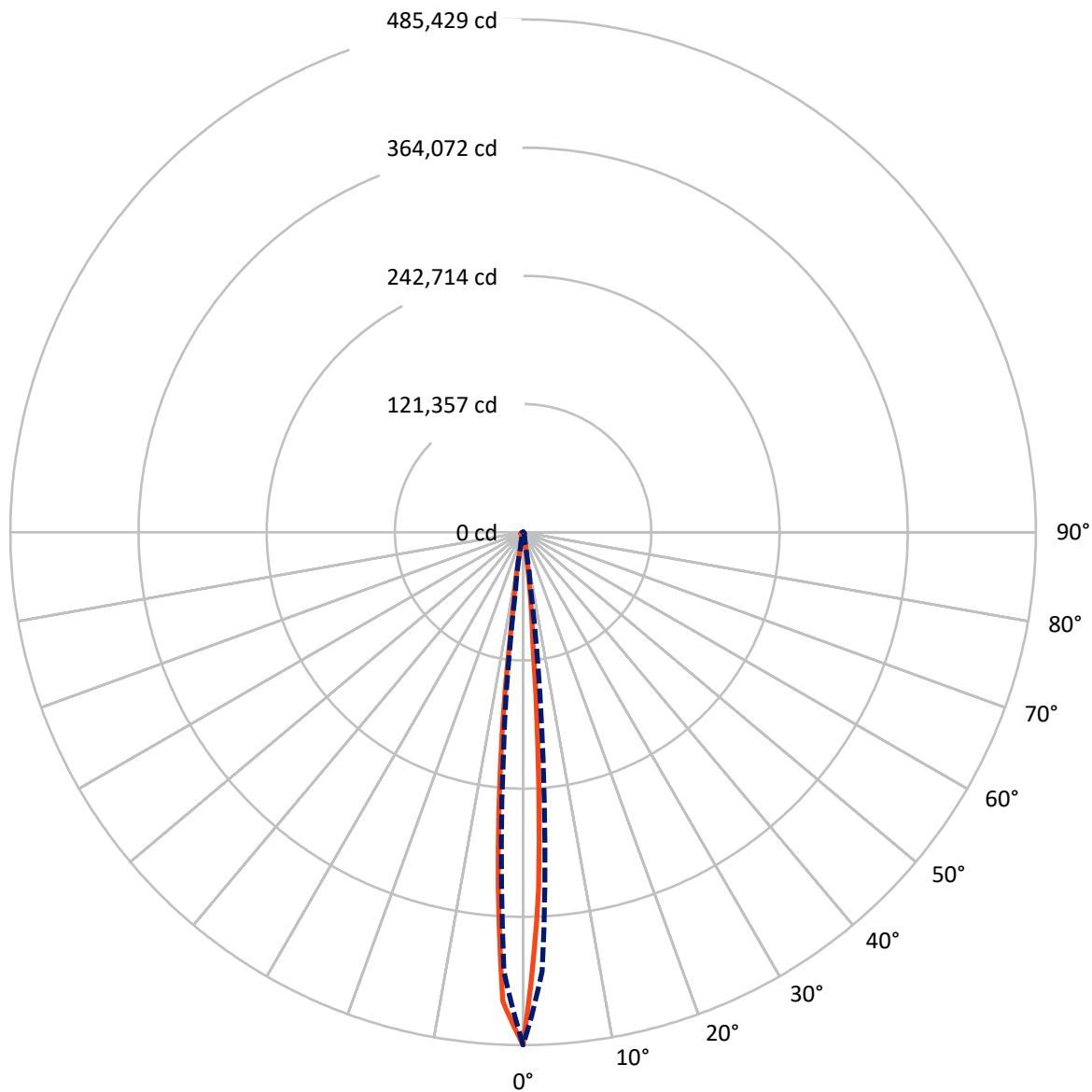
Lumen Table

Vertical Angle (degrees)		Horizontal Angle (degrees)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
90		-90		-80		-70		-60		-50		-40		-30		-20		-10		0		10		20		30		40		50		60		70		80		90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
80	0.3			4.6				5.0				1.9				0.5				1.9				5.0				4.6				0.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
70	0.5	1.0	1.3	1.0	0.8	0.7	0.5	0.3	0.3	0.5	0.7	0.8	1.0	1.3	1.0	0.5	0.3	0.3	0.5	0.7	0.8	1.0	1.3	1.0	0.5	0.3	0.3	0.5	0.7	0.8	1.0	1.3	1.0	0.5	0.3	0.3	0.5	0.7	0.8	1.0	1.3	1.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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50	0.5	0.7	2.8	9.4	18.5	27.1	32.6	36.1	36.1	32.6	27.1	18.5	9.4	2.8	0.7	1.4	7.2	19.3	31.4	36.9	39.8	41.2	41.2	39.8	36.9	31.4	19.3	7.2	1.4	0.5	0.7	2.8	9.4	18.5	27.1	32.6	36.1	36.1	32.6	27.1	18.5	9.4	2.8	0.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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30	0.8	2.7	12.2	28.1	36.4	37.4	44.2	53.2	53.2	44.2	37.4	36.4	28.1	12.2	2.7	4.2	17.2	34.5	38.8	43.7	76.9	130.9	130.9	76.9	43.7	38.8	34.5	17.2	4.2	0.8	4.2	17.2	34.5	38.8	43.7	76.9	130.9	130.9	76.9	43.7	38.8	34.5	17.2	4.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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10	1.4	5.4	21.0	37.9	40.2	54.0	146.1	2708.6	2708.6	146.1	54.0	40.2	37.9	21.0	5.4	6.4	23.0	39.8	41.7	55.8	157.5	3949.4	3949.4	157.5	55.8	41.7	39.8	23.0	6.4	1.4	6.4	23.0	39.8	41.7	55.8	157.5	3949.4	3949.4	157.5	55.8	41.7	39.8	23.0	6.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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-10	2.0	6.8	23.6	41.9	45.1	50.3	91.5	175.7	175.7	91.5	50.3	45.1	41.9	23.6	6.8	6.4	22.4	42.5	50.6	50.7	59.3	72.3	72.3	59.3	50.7	50.6	42.5	22.4	6.4	2.0	6.4	22.4	42.5	50.6	50.7	59.3	72.3	72.3	59.3	50.7	50.6	42.5	22.4	6.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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-30	2.2	5.7	19.8	40.6	55.7	60.7	63.2	63.7	63.7	63.2	60.7	55.7	40.6	19.8	5.7	5.0	16.0	34.5	53.7	65.3	73.2	76.7	76.7	73.2	65.3	53.7	34.5	16.0	5.0	2.2	5.0	16.0	34.5	53.7	65.3	73.2	76.7	76.7	73.2	65.3	53.7	34.5	16.0	5.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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-50	1.7	4.5	12.3	26.7	45.8	61.5	71.5	75.6	75.6	71.5	61.5	45.8	26.7	12.3	4.5	4.2	10.9	21.8	38.2	53.8	65.1	70.3	70.3	65.1	53.8	38.2	21.8	10.9	4.2	1.7	4.2	10.9	21.8	38.2	53.8	65.1	70.3	70.3	65.1	53.8	38.2	21.8	10.9	4.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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-70	0.8	12.8		38.0		70.4		77.7		70.4		38.0		12.8	0.8	12.8		38.0		70.4		77.7		70.4		38.0		12.8	0.8	12.8		38.0		70.4		77.7		70.4		38.0		12.8	0.8	12.8		38.0		70.4		77.7		70.4		38.0		12.8	0.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Luminous Intensity Polar Plot



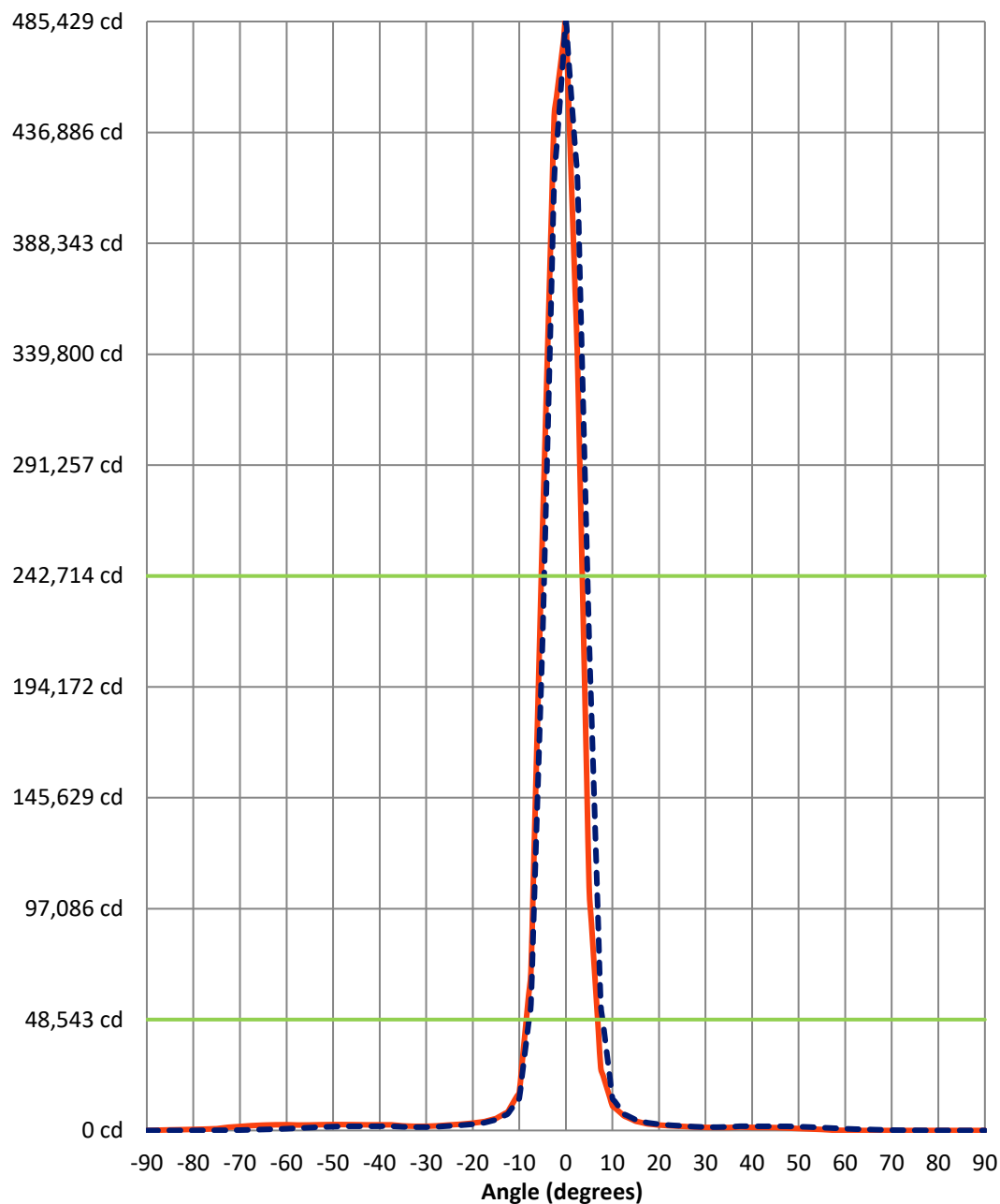
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7482.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11928.5

Efficiency: 57.8%

Spill:

Lumens: 8704.8

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	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
85°	0.0	4.8	4.8	9.5	9.5	9.5	14.3	19.1	23.8	23.8	28.6
82.5°	0.0	4.8	4.8	9.5	9.5	14.3	14.3	23.8	28.6	33.3	42.9
80°	4.8	4.8	4.8	9.5	9.5	14.3	14.3	19.1	23.8	33.3	38.1
77.5°	0.0	4.8	4.8	4.8	9.5	9.5	9.5	14.3	19.1	23.8	28.6
75°	0.0	4.8	4.8	4.8	9.5	9.5	9.5	9.5	14.3	14.3	19.1
72.5°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
70°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
67.5°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	9.5	14.3	14.3	14.3
65°	0.0	0.0	0.0	4.8	4.8	9.5	9.5	14.3	14.3	14.3	14.3
62.5°	4.8	4.8	4.8	9.5	14.3	14.3	19.1	23.8	23.8	23.8	23.8
60°	47.6	52.4	57.2	57.2	52.4	52.4	57.2	57.2	57.2	57.2	57.2
57.5°	128.6	138.1	142.9	142.9	142.9	138.1	157.2	161.9	142.9	133.4	147.7
55°	447.7	462.0	452.5	438.2	409.6	376.3	366.8	362.0	366.8	342.9	304.8
52.5°	652.5	666.8	662.1	652.5	633.5	609.7	590.6	571.6	552.5	514.4	471.5
50°	847.8	852.6	847.8	838.3	819.3	795.4	757.3	714.5	676.4	666.8	628.7
47.5°	1066.9	1081.2	1081.2	1076.5	1062.2	1019.3	962.2	900.2	871.7	862.1	824.0
45°	1262.2	1271.8	1276.5	1281.3	1276.5	1233.6	1181.3	1147.9	1086.0	1066.9	1066.9
42.5°	1314.6	1319.4	1324.1	1328.9	1343.2	1309.9	1267.0	1209.8	1195.5	1190.8	1181.3
40°	1333.7	1324.1	1328.9	1333.7	1338.4	1314.6	1281.3	1247.9	1238.4	1228.9	1228.9
37.5°	1514.7	1471.8	1438.5	1409.9	1386.1	1362.3	1328.9	1300.3	1276.5	1257.5	1276.5
35°	1290.8	1290.8	1324.1	1352.7	1381.3	1409.9	1414.6	1381.3	1328.9	1305.1	1338.4
32.5°	1319.4	1319.4	1319.4	1328.9	1338.4	1362.3	1386.1	1400.4	1438.5	1395.6	1395.6
30°	1348.0	1352.7	1362.3	1367.0	1352.7	1343.2	1333.7	1333.7	1357.5	1419.4	1452.8
27.5°	1514.7	1514.7	1500.4	1481.3	1438.5	1371.8	1338.4	1290.8	1295.6	1324.1	1405.1
25°	1786.2	1776.6	1743.3	1695.7	1619.5	1524.2	1433.7	1333.7	1290.8	1276.5	1309.9
22.5°	2043.4	2029.1	1986.2	1943.4	1881.4	1786.2	1633.8	1481.3	1348.0	1290.8	1276.5
20°	2372.0	2338.7	2291.1	2224.4	2124.4	2029.1	1895.7	1695.7	1500.4	1352.7	1295.6
17.5°	2900.7	2857.9	2767.4	2648.3	2476.8	2329.2	2138.6	1948.1	1729.0	1490.9	1362.3
15°	4058.2	3948.6	3791.4	3462.8	3124.6	2843.6	2557.8	2238.7	2014.8	1700.4	1505.1
12.5°	6382.6	6082.5	5625.2	4858.4	4101.0	3448.5	2986.5	2576.8	2214.9	1924.3	1648.0
10°	10802.8	10159.7	8897.5	6801.7	5406.1	4205.8	3377.1	2829.3	2372.0	2072.0	1767.1
7.5°	27321.3	22286.6	15770.7	10769.4	7073.2	5139.4	3862.9	3067.5	2538.7	2167.2	1862.4
5°	106484.4	87717.7	46792.9	19528.8	10640.8	6215.9	4301.1	3258.0	2648.3	2238.7	1933.8
2.5°	337948.3	291841.2	153115.3	42039.3	13065.2	7001.8	4601.2	3377.1	2710.2	2291.1	1986.2
0°	485428.8	416030.1	214888.2	55290.3	14170.3	7201.8	4696.4	3400.9	2719.7	2300.6	1986.2
-2.5°	444084.9	388661.2	207581.6	51451.2	14479.9	7259.0	4772.6	3481.8	2791.2	2343.5	2000.5
-5°	263872.2	231454.4	144803.7	36685.6	12865.2	6739.8	4572.6	3410.4	2743.6	2319.6	1991.0
-7.5°	69522.5	60186.8	39591.1	19143.0	8325.9	5701.5	4201.1	3291.3	2681.6	2276.8	1952.9
-10°	16761.4	15885.0	14189.3	8697.5	6482.6	4763.1	3724.8	3077.0	2557.8	2219.6	1891.0
-12.5°	8083.0	7892.5	7163.7	5906.3	4810.8	3958.2	3372.3	2853.1	2443.5	2119.6	1805.2
-15°	5258.5	5148.9	4901.3	4420.2	3862.9	3453.3	3043.6	2624.5	2300.6	1971.9	1733.8
-17.5°	3891.5	3886.7	3762.9	3581.9	3305.6	3000.8	2700.7	2434.0	2119.6	1838.6	1657.6
-20°	3224.6	3224.6	3153.2	3034.1	2838.8	2638.8	2438.7	2191.0	1933.8	1724.3	1648.0

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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°	2738.8	2743.6	2705.5	2629.2	2524.5	2357.7	2162.5	1962.4	1776.6	1700.4	1676.6
-25°	2424.4	2414.9	2372.0	2300.6	2191.0	2057.7	1929.1	1795.7	1743.3	1724.3	1757.6
-27.5°	2052.9	2067.2	2048.1	2014.8	1943.4	1848.1	1819.5	1781.4	1790.9	1819.5	1948.1
-30°	1833.8	1848.1	1867.1	1881.4	1857.6	1833.8	1843.3	1871.9	1933.8	2043.4	2091.0
-32.5°	1833.8	1838.6	1867.1	1895.7	1910.0	1929.1	1981.5	2076.7	2167.2	2138.6	2129.1
-35°	2000.5	1986.2	2024.3	2062.4	2114.8	2181.5	2238.7	2219.6	2186.3	2176.7	2186.3
-37.5°	2476.8	2386.3	2348.2	2324.4	2310.1	2300.6	2286.3	2272.0	2257.7	2248.2	2262.5
-40°	2472.1	2448.2	2424.4	2405.4	2391.1	2372.0	2362.5	2357.7	2343.5	2333.9	2324.4
-42.5°	2462.5	2472.1	2472.1	2467.3	2472.1	2467.3	2453.0	2434.0	2410.1	2391.1	2372.0
-45°	2534.0	2538.7	2548.3	2557.8	2572.1	2553.0	2524.5	2491.1	2457.8	2429.2	2405.4
-47.5°	2576.8	2581.6	2591.1	2605.4	2615.0	2595.9	2557.8	2514.9	2462.5	2414.9	2367.3
-50°	2591.1	2605.4	2610.2	2610.2	2605.4	2581.6	2524.5	2462.5	2405.4	2357.7	2314.9
-52.5°	2524.5	2538.7	2543.5	2534.0	2529.2	2505.4	2453.0	2395.9	2333.9	2300.6	2262.5
-55°	2414.9	2434.0	2448.2	2448.2	2448.2	2443.5	2395.9	2343.5	2295.8	2257.7	2219.6
-57.5°	2372.0	2405.4	2434.0	2438.7	2443.5	2448.2	2414.9	2362.5	2305.4	2248.2	2200.6
-60°	2529.2	2557.8	2572.1	2553.0	2538.7	2524.5	2472.1	2410.1	2353.0	2295.8	2205.3
-62.5°	2486.3	2534.0	2557.8	2543.5	2524.5	2500.6	2443.5	2372.0	2305.4	2243.4	2152.9
-65°	2348.2	2391.1	2419.7	2395.9	2367.3	2333.9	2281.5	2214.9	2152.9	2091.0	2010.0
-67.5°	2114.8	2176.7	2224.4	2172.0	2133.9	2091.0	2048.1	1991.0	1929.1	1857.6	1781.4
-70°	1748.1	1795.7	1838.6	1824.3	1814.7	1805.2	1776.6	1719.5	1667.1	1609.9	1543.3
-72.5°	1405.1	1448.0	1486.1	1462.3	1443.2	1414.6	1371.8	1309.9	1247.9	1186.0	1124.1
-75°	776.4	790.7	805.0	800.2	800.2	800.2	800.2	805.0	795.4	781.2	752.6
-77.5°	595.4	614.4	628.7	638.3	652.5	671.6	685.9	662.1	638.3	614.4	585.9
-80°	466.8	485.8	500.1	552.5	590.6	633.5	662.1	628.7	595.4	566.8	543.0
-82.5°	352.5	366.8	381.0	409.6	428.7	452.5	471.5	471.5	466.8	462.0	447.7
-85°	257.2	276.3	295.3	304.8	319.1	319.1	323.9	304.8	285.8	271.5	252.4
-87.5°	147.7	152.4	152.4	152.4	157.2	157.2	157.2	147.7	142.9	133.4	128.6
-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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CATALOG NUMBER: IFLD-S-SA6E-722-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°	4.8	4.8	4.8	9.5	9.5	14.3	14.3	19.1	19.1	23.8	23.8
85°	28.6	28.6	28.6	33.3	33.3	38.1	42.9	47.6	52.4	52.4	57.2
82.5°	47.6	52.4	57.2	61.9	66.7	71.4	76.2	81.0	95.3	104.8	109.6
80°	47.6	52.4	66.7	76.2	85.7	95.3	95.3	95.3	95.3	100.0	109.6
77.5°	33.3	38.1	42.9	52.4	76.2	95.3	109.6	119.1	109.6	104.8	95.3
75°	19.1	23.8	28.6	33.3	47.6	66.7	90.5	114.3	133.4	128.6	119.1
72.5°	19.1	19.1	23.8	28.6	33.3	38.1	42.9	66.7	95.3	119.1	133.4
70°	19.1	23.8	23.8	28.6	33.3	38.1	42.9	52.4	66.7	95.3	123.8
67.5°	19.1	23.8	23.8	33.3	42.9	47.6	52.4	47.6	42.9	61.9	90.5
65°	19.1	19.1	23.8	28.6	33.3	38.1	52.4	52.4	47.6	47.6	47.6
62.5°	28.6	28.6	28.6	28.6	33.3	33.3	33.3	42.9	42.9	42.9	42.9
60°	57.2	52.4	52.4	52.4	52.4	42.9	42.9	42.9	38.1	42.9	38.1
57.5°	138.1	114.3	104.8	104.8	90.5	85.7	71.4	52.4	52.4	42.9	42.9
55°	281.0	266.7	223.9	185.8	166.7	147.7	114.3	95.3	71.4	57.2	52.4
52.5°	433.4	395.3	357.2	309.6	262.0	223.9	190.5	147.7	119.1	85.7	66.7
50°	566.8	533.5	490.6	438.2	376.3	328.7	281.0	223.9	176.2	133.4	95.3
47.5°	771.6	704.9	652.5	590.6	519.2	452.5	390.6	323.9	247.7	195.3	147.7
45°	990.7	895.5	824.0	766.9	671.6	581.1	509.7	438.2	347.7	257.2	200.1
42.5°	1143.1	1071.7	976.4	900.2	814.5	719.2	624.0	547.8	452.5	347.7	257.2
40°	1224.1	1176.5	1100.3	1033.6	943.1	838.3	738.3	662.1	562.0	447.7	323.9
37.5°	1286.0	1262.2	1224.1	1171.7	1086.0	962.2	862.1	771.6	685.9	552.5	419.2
35°	1357.5	1352.7	1328.9	1305.1	1233.6	1114.6	995.5	890.7	785.9	662.1	514.4
32.5°	1424.2	1419.4	1405.1	1395.6	1367.0	1262.2	1133.6	1014.5	895.5	766.9	604.9
30°	1457.5	1448.0	1448.0	1457.5	1428.9	1362.3	1267.0	1138.4	1005.0	852.6	700.2
27.5°	1457.5	1448.0	1452.8	1467.0	1462.3	1428.9	1357.5	1252.7	1105.0	933.6	785.9
25°	1395.6	1443.2	1443.2	1462.3	1467.0	1457.5	1419.4	1352.7	1200.3	1019.3	852.6
22.5°	1309.9	1424.2	1467.0	1462.3	1467.0	1490.9	1495.6	1433.7	1290.8	1105.0	919.3
20°	1309.9	1390.8	1514.7	1481.3	1490.9	1543.3	1567.1	1514.7	1386.1	1186.0	986.0
17.5°	1338.4	1390.8	1495.6	1548.0	1562.3	1605.2	1643.3	1609.9	1471.8	1271.8	1076.5
15°	1419.4	1409.9	1481.3	1609.9	1633.8	1667.1	1710.0	1671.9	1548.0	1367.0	1162.2
12.5°	1476.6	1424.2	1481.3	1619.5	1695.7	1729.0	1743.3	1714.7	1614.7	1452.8	1247.9
10°	1552.8	1462.3	1490.9	1609.9	1719.5	1743.3	1757.6	1748.1	1676.6	1524.2	1324.1
7.5°	1609.9	1481.3	1481.3	1595.6	1743.3	1762.4	1771.9	1781.4	1729.0	1586.1	1390.8
5°	1633.8	1481.3	1471.8	1581.4	1767.1	1786.2	1786.2	1800.5	1767.1	1633.8	1438.5
2.5°	1638.5	1476.6	1462.3	1571.8	1810.0	1810.0	1800.5	1814.7	1795.7	1662.3	1471.8
0°	1662.3	1471.8	1457.5	1586.1	1857.6	1838.6	1814.7	1819.5	1810.0	1676.6	1490.9
-2.5°	1662.3	1495.6	1476.6	1595.6	1852.9	1848.1	1838.6	1843.3	1833.8	1719.5	1529.0
-5°	1686.1	1529.0	1509.9	1638.5	1848.1	1862.4	1867.1	1867.1	1852.9	1748.1	1552.8
-7.5°	1690.9	1552.8	1548.0	1681.4	1857.6	1881.4	1895.7	1905.2	1876.7	1767.1	1571.8
-10°	1667.1	1562.3	1586.1	1733.8	1867.1	1900.5	1929.1	1943.4	1895.7	1776.6	1581.4
-12.5°	1614.7	1562.3	1624.2	1800.5	1891.0	1929.1	1971.9	1976.7	1914.8	1781.4	1586.1
-15°	1609.9	1600.4	1690.9	1867.1	1905.2	1952.9	2019.6	2005.3	1929.1	1781.4	1586.1
-17.5°	1605.2	1652.8	1790.9	1891.0	1929.1	1981.5	2033.9	2019.6	1938.6	1781.4	1576.6
-20°	1648.0	1738.5	1910.0	1914.8	1957.6	2014.8	2043.4	2014.8	1924.3	1767.1	1562.3

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CATALOG NUMBER: IFLD-S-SA6E-722-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°	1719.5	1891.0	1948.1	1967.2	2005.3	2048.1	2062.4	2019.6	1910.0	1743.3	1538.5
-25°	1900.5	1986.2	1986.2	2029.1	2067.2	2086.2	2072.0	2024.3	1891.0	1719.5	1514.7
-27.5°	2038.6	2033.9	2057.7	2100.5	2133.9	2133.9	2095.8	2000.5	1862.4	1695.7	1481.3
-30°	2091.0	2095.8	2129.1	2176.7	2186.3	2162.5	2105.3	1981.5	1838.6	1657.6	1438.5
-32.5°	2143.4	2162.5	2205.3	2229.1	2233.9	2186.3	2081.5	1948.1	1800.5	1614.7	1390.8
-35°	2205.3	2243.4	2267.2	2272.0	2248.2	2167.2	2048.1	1905.2	1743.3	1552.8	1348.0
-37.5°	2286.3	2305.4	2319.6	2300.6	2233.9	2138.6	1991.0	1848.1	1690.9	1486.1	1286.0
-40°	2338.7	2348.2	2353.0	2291.1	2210.1	2072.0	1929.1	1781.4	1600.4	1409.9	1219.4
-42.5°	2372.0	2362.5	2324.4	2257.7	2138.6	2005.3	1867.1	1700.4	1519.4	1333.7	1147.9
-45°	2362.5	2329.2	2272.0	2191.0	2067.2	1933.8	1771.9	1605.2	1433.7	1252.7	1066.9
-47.5°	2324.4	2272.0	2200.6	2105.3	1991.0	1829.0	1667.1	1505.1	1338.4	1162.2	990.7
-50°	2276.8	2214.9	2129.1	2010.0	1857.6	1710.0	1562.3	1405.1	1233.6	1071.7	919.3
-52.5°	2224.4	2157.7	2048.1	1914.8	1748.1	1595.6	1452.8	1300.3	1143.1	990.7	857.4
-55°	2167.2	2100.5	1976.7	1824.3	1657.6	1490.9	1352.7	1224.1	1071.7	924.0	805.0
-57.5°	2138.6	2052.9	1924.3	1771.9	1595.6	1424.2	1305.1	1167.0	1028.8	876.4	762.1
-60°	2114.8	2029.1	1910.0	1733.8	1567.1	1405.1	1267.0	1133.6	986.0	843.1	728.8
-62.5°	2048.1	1957.6	1848.1	1676.6	1514.7	1367.0	1243.2	1086.0	943.1	809.7	704.9
-65°	1914.8	1819.5	1724.3	1571.8	1424.2	1286.0	1162.2	1019.3	885.9	771.6	681.1
-67.5°	1705.2	1624.2	1538.5	1409.9	1286.0	1162.2	1047.9	924.0	814.5	733.5	685.9
-70°	1471.8	1386.1	1300.3	1195.5	1090.8	990.7	900.2	809.7	738.3	695.4	657.3
-72.5°	1071.7	1033.6	990.7	909.8	824.0	762.1	719.2	681.1	628.7	590.6	566.8
-75°	714.5	662.1	595.4	566.8	571.6	562.0	538.2	509.7	485.8	471.5	438.2
-77.5°	557.3	528.7	495.4	462.0	447.7	433.4	414.4	390.6	371.5	338.2	290.6
-80°	514.4	490.6	466.8	443.0	419.2	385.8	347.7	309.6	290.6	276.3	271.5
-82.5°	423.9	395.3	366.8	342.9	309.6	285.8	262.0	242.9	242.9	238.2	233.4
-85°	242.9	233.4	219.1	209.6	200.1	185.8	171.5	161.9	157.2	152.4	147.7
-87.5°	123.8	119.1	109.6	104.8	100.0	95.3	85.7	81.0	76.2	76.2	71.4
-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: P723618

CATALOG NUMBER: IFLD-S-SA6E-722-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°	23.8	23.8	19.1	19.1	19.1	14.3	9.5	9.5	4.8	4.8	0.0
85°	57.2	47.6	42.9	38.1	38.1	28.6	19.1	14.3	9.5	4.8	4.8
82.5°	109.6	95.3	81.0	71.4	57.2	42.9	33.3	23.8	14.3	9.5	4.8
80°	123.8	123.8	119.1	100.0	81.0	61.9	42.9	28.6	19.1	14.3	9.5
77.5°	95.3	104.8	104.8	104.8	100.0	76.2	52.4	33.3	19.1	14.3	9.5
75°	109.6	95.3	90.5	95.3	90.5	76.2	61.9	38.1	23.8	19.1	9.5
72.5°	133.4	114.3	100.0	95.3	85.7	71.4	57.2	42.9	23.8	19.1	14.3
70°	123.8	119.1	109.6	100.0	85.7	71.4	57.2	42.9	28.6	19.1	14.3
67.5°	109.6	109.6	109.6	100.0	85.7	66.7	52.4	38.1	28.6	19.1	14.3
65°	76.2	90.5	100.0	95.3	85.7	66.7	52.4	38.1	28.6	23.8	14.3
62.5°	47.6	61.9	81.0	90.5	81.0	66.7	47.6	38.1	28.6	23.8	14.3
60°	42.9	47.6	57.2	71.4	76.2	61.9	47.6	33.3	28.6	23.8	14.3
57.5°	42.9	42.9	47.6	57.2	61.9	57.2	42.9	28.6	28.6	23.8	19.1
55°	47.6	42.9	42.9	47.6	52.4	52.4	42.9	28.6	28.6	23.8	19.1
52.5°	57.2	47.6	42.9	42.9	42.9	47.6	38.1	28.6	28.6	23.8	19.1
50°	71.4	57.2	52.4	42.9	42.9	42.9	38.1	28.6	23.8	23.8	19.1
47.5°	95.3	76.2	57.2	52.4	42.9	38.1	33.3	28.6	23.8	23.8	19.1
45°	142.9	90.5	76.2	57.2	47.6	42.9	38.1	28.6	23.8	23.8	19.1
42.5°	195.3	133.4	95.3	66.7	52.4	42.9	38.1	33.3	23.8	23.8	19.1
40°	247.7	181.0	119.1	85.7	61.9	47.6	38.1	33.3	28.6	23.8	19.1
37.5°	304.8	223.9	157.2	109.6	71.4	52.4	42.9	33.3	28.6	23.8	19.1
35°	376.3	281.0	195.3	133.4	85.7	61.9	47.6	33.3	28.6	23.8	19.1
32.5°	457.3	333.4	233.4	161.9	109.6	76.2	52.4	38.1	28.6	23.8	19.1
30°	533.5	395.3	276.3	195.3	133.4	85.7	57.2	38.1	28.6	23.8	14.3
27.5°	609.7	457.3	328.7	228.6	161.9	100.0	61.9	42.9	28.6	23.8	19.1
25°	685.9	519.2	381.0	262.0	185.8	119.1	76.2	47.6	28.6	23.8	19.1
22.5°	752.6	581.1	428.7	300.1	214.3	138.1	85.7	52.4	33.3	23.8	19.1
20°	828.8	647.8	481.1	342.9	238.2	157.2	95.3	57.2	33.3	23.8	19.1
17.5°	900.2	714.5	533.5	381.0	266.7	176.2	109.6	61.9	38.1	23.8	19.1
15°	971.7	776.4	581.1	419.2	295.3	195.3	119.1	66.7	42.9	23.8	19.1
12.5°	1038.4	833.5	624.0	452.5	319.1	214.3	128.6	71.4	47.6	23.8	19.1
10°	1100.3	885.9	666.8	481.1	342.9	228.6	138.1	81.0	52.4	23.8	19.1
7.5°	1162.2	928.8	700.2	509.7	371.5	247.7	147.7	85.7	57.2	28.6	19.1
5°	1200.3	966.9	728.8	533.5	395.3	266.7	157.2	90.5	61.9	28.6	19.1
2.5°	1233.6	995.5	747.8	557.3	419.2	281.0	157.2	95.3	66.7	28.6	19.1
0°	1252.7	1014.5	762.1	571.6	438.2	290.6	161.9	100.0	71.4	28.6	19.1
-2.5°	1295.6	1047.9	795.4	590.6	457.3	319.1	171.5	104.8	76.2	33.3	19.1
-5°	1324.1	1066.9	819.3	609.7	471.5	347.7	185.8	114.3	85.7	42.9	23.8
-7.5°	1348.0	1086.0	838.3	619.2	485.8	357.2	190.5	119.1	90.5	47.6	23.8
-10°	1352.7	1095.5	852.6	633.5	495.4	371.5	195.3	123.8	95.3	52.4	23.8
-12.5°	1357.5	1105.0	857.4	643.0	504.9	381.0	200.1	128.6	100.0	57.2	23.8
-15°	1352.7	1100.3	857.4	652.5	509.7	371.5	209.6	133.4	104.8	61.9	23.8
-17.5°	1343.2	1095.5	852.6	647.8	504.9	362.0	214.3	142.9	104.8	66.7	28.6
-20°	1328.9	1081.2	843.1	643.0	500.1	352.5	219.1	147.7	109.6	66.7	28.6

REPORT NUMBER: P723618

CATALOG NUMBER: IFLD-S-SA6E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1305.1	1057.4	824.0	628.7	490.6	342.9	219.1	157.2	114.3	66.7	28.6
-25°	1276.5	1033.6	805.0	609.7	476.3	328.7	219.1	161.9	119.1	66.7	28.6
-27.5°	1243.2	1009.8	776.4	595.4	457.3	319.1	219.1	166.7	123.8	66.7	28.6
-30°	1205.1	976.4	752.6	571.6	443.0	319.1	223.9	171.5	128.6	66.7	28.6
-32.5°	1167.0	943.1	724.0	552.5	423.9	314.4	223.9	176.2	133.4	61.9	33.3
-35°	1124.1	905.0	700.2	538.2	409.6	304.8	228.6	176.2	128.6	61.9	33.3
-37.5°	1071.7	857.4	676.4	523.9	400.1	295.3	228.6	181.0	123.8	61.9	33.3
-40°	1014.5	819.3	647.8	504.9	385.8	290.6	228.6	181.0	119.1	61.9	38.1
-42.5°	952.6	776.4	619.2	485.8	371.5	285.8	228.6	181.0	114.3	61.9	38.1
-45°	895.5	733.5	585.9	462.0	357.2	285.8	228.6	176.2	104.8	66.7	38.1
-47.5°	833.5	685.9	547.8	438.2	352.5	281.0	223.9	166.7	95.3	66.7	38.1
-50°	781.2	638.3	519.2	414.4	342.9	285.8	228.6	152.4	95.3	66.7	38.1
-52.5°	728.8	604.9	485.8	404.9	333.4	290.6	223.9	142.9	95.3	66.7	38.1
-55°	685.9	571.6	466.8	390.6	342.9	300.1	214.3	128.6	95.3	66.7	38.1
-57.5°	652.5	552.5	452.5	395.3	357.2	290.6	200.1	123.8	95.3	61.9	38.1
-60°	628.7	533.5	457.3	414.4	362.0	276.3	190.5	123.8	95.3	61.9	33.3
-62.5°	609.7	538.2	481.1	428.7	342.9	257.2	181.0	123.8	85.7	57.2	33.3
-65°	614.4	557.3	490.6	409.6	328.7	238.2	166.7	119.1	81.0	52.4	33.3
-67.5°	628.7	543.0	462.0	385.8	295.3	214.3	152.4	109.6	76.2	52.4	33.3
-70°	581.1	500.1	419.2	328.7	252.4	185.8	142.9	100.0	66.7	47.6	33.3
-72.5°	523.9	419.2	333.4	266.7	214.3	171.5	128.6	90.5	61.9	42.9	28.6
-75°	381.0	304.8	247.7	223.9	190.5	152.4	114.3	81.0	57.2	42.9	28.6
-77.5°	271.5	252.4	228.6	204.8	171.5	133.4	100.0	76.2	52.4	38.1	23.8
-80°	266.7	242.9	214.3	176.2	142.9	114.3	85.7	66.7	47.6	33.3	19.1
-82.5°	223.9	190.5	161.9	133.4	109.6	90.5	71.4	52.4	38.1	23.8	14.3
-85°	138.1	119.1	104.8	90.5	76.2	61.9	47.6	33.3	23.8	14.3	9.5
-87.5°	66.7	61.9	52.4	42.9	38.1	28.6	23.8	19.1	14.3	9.5	4.8
-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°	4.8	0.0	0.0	0.0
80°	4.8	0.0	0.0	0.0
77.5°	4.8	0.0	0.0	0.0
75°	4.8	4.8	0.0	0.0
72.5°	4.8	4.8	0.0	0.0
70°	9.5	4.8	4.8	0.0
67.5°	9.5	4.8	4.8	0.0
65°	9.5	4.8	4.8	0.0
62.5°	9.5	4.8	4.8	0.0
60°	9.5	4.8	4.8	0.0
57.5°	9.5	4.8	4.8	0.0
55°	9.5	4.8	4.8	0.0
52.5°	9.5	4.8	4.8	0.0
50°	9.5	4.8	4.8	0.0
47.5°	9.5	9.5	4.8	0.0
45°	9.5	9.5	4.8	0.0
42.5°	9.5	9.5	4.8	0.0
40°	9.5	9.5	4.8	0.0
37.5°	9.5	9.5	4.8	0.0
35°	9.5	9.5	4.8	0.0
32.5°	14.3	9.5	4.8	0.0
30°	14.3	9.5	9.5	0.0
27.5°	14.3	9.5	9.5	0.0
25°	14.3	9.5	9.5	0.0
22.5°	14.3	9.5	9.5	0.0
20°	14.3	9.5	9.5	0.0
17.5°	14.3	9.5	9.5	0.0
15°	14.3	9.5	9.5	0.0
12.5°	14.3	9.5	9.5	0.0
10°	14.3	9.5	9.5	0.0
7.5°	14.3	9.5	9.5	0.0
5°	14.3	9.5	9.5	0.0
2.5°	14.3	9.5	9.5	0.0
0°	14.3	9.5	9.5	0.0
-2.5°	14.3	9.5	9.5	0.0
-5°	14.3	9.5	9.5	0.0
-7.5°	14.3	9.5	9.5	0.0
-10°	14.3	9.5	9.5	0.0
-12.5°	19.1	9.5	9.5	0.0
-15°	19.1	9.5	9.5	0.0
-17.5°	19.1	9.5	9.5	0.0
-20°	19.1	9.5	9.5	0.0

REPORT NUMBER: P723618

CATALOG NUMBER: IFLD-S-SA6E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.1	9.5	9.5	0.0
-25°	19.1	9.5	9.5	0.0
-27.5°	19.1	9.5	9.5	0.0
-30°	19.1	9.5	9.5	0.0
-32.5°	19.1	9.5	9.5	0.0
-35°	19.1	9.5	9.5	0.0
-37.5°	19.1	9.5	9.5	0.0
-40°	19.1	9.5	9.5	0.0
-42.5°	14.3	9.5	4.8	0.0
-45°	19.1	9.5	4.8	0.0
-47.5°	19.1	9.5	4.8	0.0
-50°	19.1	9.5	4.8	0.0
-52.5°	19.1	9.5	4.8	0.0
-55°	19.1	9.5	4.8	0.0
-57.5°	19.1	9.5	4.8	0.0
-60°	19.1	9.5	4.8	0.0
-62.5°	19.1	9.5	4.8	0.0
-65°	19.1	9.5	4.8	0.0
-67.5°	19.1	9.5	4.8	0.0
-70°	19.1	4.8	4.8	0.0
-72.5°	14.3	4.8	4.8	0.0
-75°	14.3	4.8	4.8	0.0
-77.5°	9.5	4.8	0.0	0.0
-80°	9.5	4.8	0.0	0.0
-82.5°	9.5	4.8	0.0	0.0
-85°	4.8	0.0	0.0	0.0
-87.5°	4.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)