

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: P723628

Luminaire Tested: **IFLD-L-SA7E-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723628
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	22013.1 lumens	Max Intensity:	517891 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	41.3 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:	7982.9 lumens	Field Lumens:	12726.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

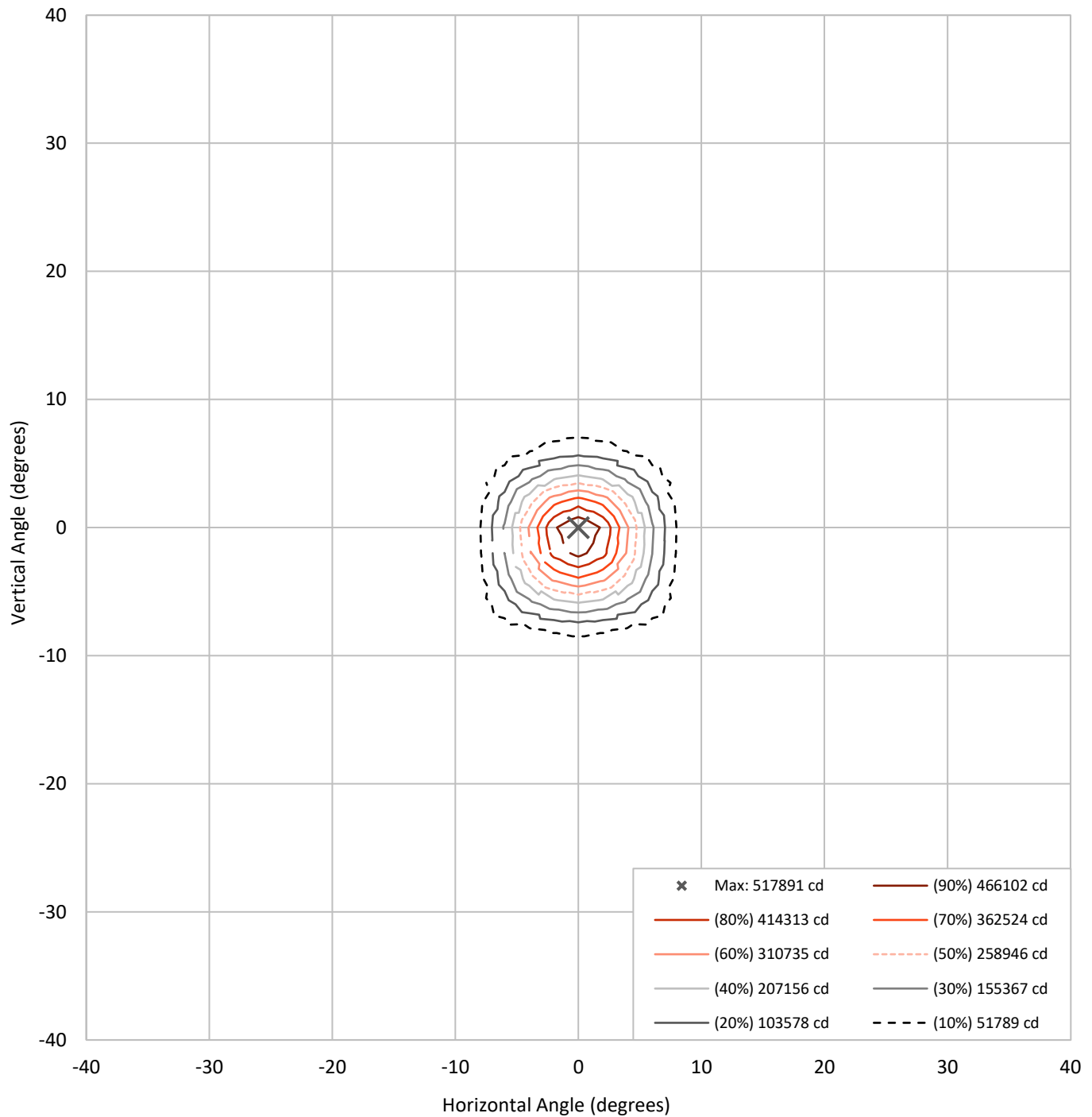
Input Watts (W): 532.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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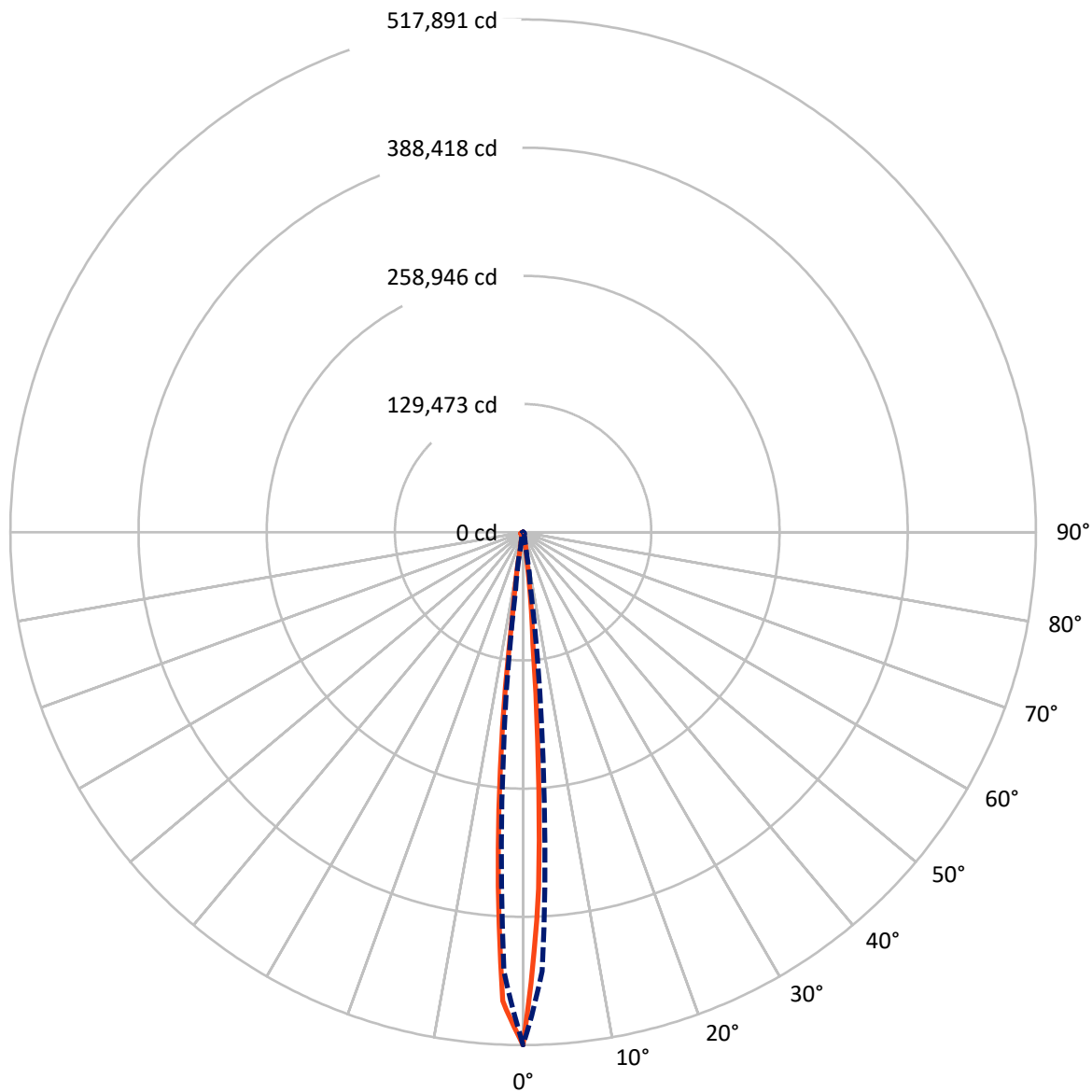
Lumen Table

90																
80	0.4	4.9		5.3		2.0		0.6		2.0		5.3		4.9		0.4
70	0.6	1.1	1.4	1.1	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.1	1.4	1.1	0.6
60		0.7	1.0	2.6	5.7	9.3	11.9	13.7	13.7	11.9	9.3	5.7	2.6	1.0	0.7	
50	0.6	0.7	3.0	10.0	19.7	28.9	34.7	38.5	38.5	34.7	28.9	19.7	10.0	3.0	0.7	0.6
40		1.5	7.6	20.6	33.5	39.3	42.5	44.0	44.0	42.5	39.3	33.5	20.6	7.6	1.5	
30	0.9	2.9	13.0	30.0	38.8	39.9	47.1	56.8	56.8	47.1	39.9	38.8	30.0	13.0	2.9	0.9
20		4.5	18.3	36.8	41.4	46.6	82.0	139.7	139.7	82.0	46.6	41.4	36.8	18.3	4.5	
10	1.5	5.8	22.4	40.5	42.9	57.6	155.9	2889.8	2889.8	155.9	57.6	42.9	40.5	22.4	5.8	1.5
0		6.8	24.6	42.5	44.5	59.5	168.0	4213.6	4213.6	168.0	59.5	44.5	42.5	24.6	6.8	
-10	2.1	7.3	25.2	44.7	48.1	53.7	97.7	187.4	187.4	97.7	53.7	48.1	44.7	25.2	7.3	2.1
-20		6.8	24.0	45.3	54.0	54.1	63.2	77.2	77.2	63.2	54.1	54.0	45.3	24.0	6.8	
-30	2.3	6.1	21.2	43.3	59.4	64.8	67.4	68.0	68.0	67.4	64.8	59.4	43.3	21.2	6.1	2.3
-40		5.3	17.0	36.8	57.3	69.7	78.1	81.9	81.9	78.1	69.7	57.3	36.8	17.0	5.3	
-50	1.8	4.8	13.1	28.5	48.9	65.6	76.3	80.7	80.7	76.3	65.6	48.9	28.5	13.1	4.8	1.8
-60		4.5	11.6	23.2	40.8	57.4	69.4	75.0	75.0	69.4	57.4	40.8	23.2	11.6	4.5	
-70																
-80	0.8	13.6		40.6		75.1		82.9		75.1		40.6		13.6		0.8
-90																
-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



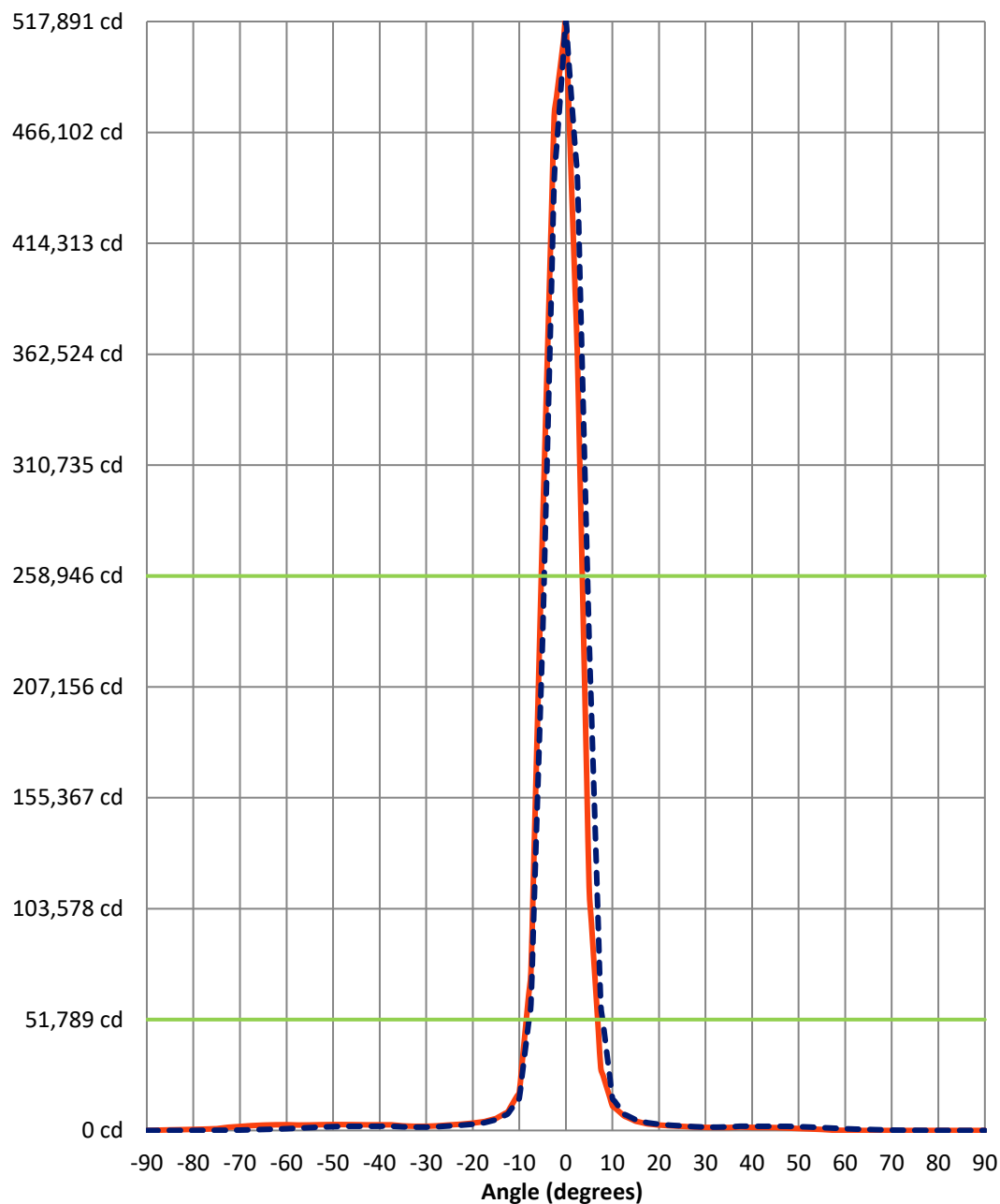
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7982.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12726.2

Efficiency: 57.8%

Spill:

Lumens: 9286.9

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	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
85°	0.0	5.1	5.1	10.2	10.2	10.2	15.2	20.3	25.4	25.4	30.5
82.5°	0.0	5.1	5.1	10.2	10.2	15.2	15.2	25.4	30.5	35.6	45.7
80°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	20.3	25.4	35.6	40.7
77.5°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	15.2	20.3	25.4	30.5
75°	0.0	5.1	5.1	5.1	10.2	10.2	10.2	10.2	15.2	15.2	20.3
72.5°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
70°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
67.5°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	10.2	15.2	15.2	15.2
65°	0.0	0.0	0.0	5.1	5.1	10.2	10.2	15.2	15.2	15.2	15.2
62.5°	5.1	5.1	5.1	10.2	15.2	15.2	20.3	25.4	25.4	25.4	25.4
60°	50.8	55.9	61.0	61.0	55.9	55.9	61.0	61.0	61.0	61.0	61.0
57.5°	137.2	147.4	152.4	152.4	152.4	147.4	167.7	172.8	152.4	142.3	157.5
55°	477.7	492.9	482.8	467.5	437.0	401.5	391.3	386.2	391.3	365.9	325.2
52.5°	696.2	711.4	706.3	696.2	675.9	650.5	630.1	609.8	589.5	548.8	503.1
50°	904.5	909.6	904.5	894.4	874.0	848.6	808.0	762.2	721.6	711.4	670.8
47.5°	1138.3	1153.5	1153.5	1148.5	1133.2	1087.5	1026.5	960.4	929.9	919.8	879.1
45°	1346.6	1356.8	1361.9	1367.0	1361.9	1316.1	1260.2	1224.7	1158.6	1138.3	1138.3
42.5°	1402.5	1407.6	1412.7	1417.8	1433.0	1397.5	1351.7	1290.7	1275.5	1270.4	1260.2
40°	1422.9	1412.7	1417.8	1422.9	1427.9	1402.5	1367.0	1331.4	1321.2	1311.1	1311.1
37.5°	1616.0	1570.2	1534.7	1504.2	1478.8	1453.4	1417.8	1387.3	1361.9	1341.6	1361.9
35°	1377.1	1377.1	1412.7	1443.2	1473.7	1504.2	1509.2	1473.7	1417.8	1392.4	1427.9
32.5°	1407.6	1407.6	1407.6	1417.8	1427.9	1453.4	1478.8	1494.0	1534.7	1488.9	1488.9
30°	1438.1	1443.2	1453.4	1458.4	1443.2	1433.0	1422.9	1422.9	1448.3	1514.3	1549.9
27.5°	1616.0	1616.0	1600.7	1580.4	1534.7	1463.5	1427.9	1377.1	1382.2	1412.7	1499.1
25°	1905.6	1895.5	1859.9	1809.1	1727.8	1626.1	1529.6	1422.9	1377.1	1361.9	1397.5
22.5°	2180.0	2164.8	2119.0	2073.3	2007.3	1905.6	1743.0	1580.4	1438.1	1377.1	1361.9
20°	2530.7	2495.1	2444.3	2373.1	2266.4	2164.8	2022.5	1809.1	1600.7	1443.2	1382.2
17.5°	3094.7	3049.0	2952.4	2825.4	2642.5	2484.9	2281.7	2078.4	1844.6	1590.6	1453.4
15°	4329.6	4212.7	4045.0	3694.4	3333.6	3033.7	2728.8	2388.4	2149.5	1814.1	1605.8
12.5°	6809.4	6489.3	6001.4	5183.3	4375.3	3679.1	3186.2	2749.2	2363.0	2053.0	1758.3
10°	11525.2	10839.2	9492.5	7256.6	5767.7	4487.1	3602.9	3018.5	2530.7	2210.5	1885.3
7.5°	29148.3	23777.0	16825.3	11489.6	7546.2	5483.1	4121.2	3272.6	2708.5	2312.1	1986.9
5°	113605.3	93583.6	49922.1	20834.8	11352.4	6631.6	4588.7	3475.8	2825.4	2388.4	2063.1
2.5°	360548.0	311357.6	163354.6	44850.6	13939.0	7470.0	4908.9	3602.9	2891.5	2444.3	2119.0
0°	517891.0	443851.4	229258.5	58987.8	15117.9	7683.5	5010.5	3628.3	2901.6	2454.4	2119.0
-2.5°	473782.3	414652.3	221463.3	54892.0	15448.2	7744.4	5091.8	3714.7	2977.8	2500.2	2134.3
-5°	281518.2	246932.5	154487.2	39138.8	13725.5	7190.5	4878.4	3638.5	2927.0	2474.8	2124.1
-7.5°	74171.7	64211.7	42238.7	20423.1	8882.7	6082.7	4482.0	3511.4	2861.0	2429.0	2083.5
-10°	17882.3	16947.3	15138.2	9279.1	6916.1	5081.6	3973.8	3282.7	2728.8	2368.0	2017.4
-12.5°	8623.6	8420.3	7642.8	6301.2	5132.5	4222.8	3597.8	3043.9	2606.9	2261.3	1925.9
-15°	5610.1	5493.3	5229.0	4715.8	4121.2	3684.2	3247.2	2800.0	2454.4	2103.8	1849.7
-17.5°	4151.7	4146.6	4014.5	3821.4	3526.7	3201.4	2881.3	2596.7	2261.3	1961.5	1768.4
-20°	3440.3	3440.3	3364.1	3237.0	3028.7	2815.2	2601.8	2337.6	2063.1	1839.6	1758.3

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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°	2921.9	2927.0	2886.4	2805.1	2693.3	2515.4	2307.1	2093.6	1895.5	1814.1	1788.7
-25°	2586.6	2576.4	2530.7	2454.4	2337.6	2195.3	2058.1	1915.8	1859.9	1839.6	1875.1
-27.5°	2190.2	2205.4	2185.1	2149.5	2073.3	1971.7	1941.2	1900.5	1910.7	1941.2	2078.4
-30°	1956.4	1971.7	1992.0	2007.3	1981.8	1956.4	1966.6	1997.1	2063.1	2180.0	2230.8
-32.5°	1956.4	1961.5	1992.0	2022.5	2037.7	2058.1	2114.0	2215.6	2312.1	2281.7	2271.5
-35°	2134.3	2119.0	2159.7	2200.4	2256.3	2327.4	2388.4	2368.0	2332.5	2322.3	2332.5
-37.5°	2642.5	2545.9	2505.3	2479.8	2464.6	2454.4	2439.2	2423.9	2408.7	2398.5	2413.8
-40°	2637.4	2612.0	2586.6	2566.2	2551.0	2530.7	2520.5	2515.4	2500.2	2490.0	2479.8
-42.5°	2627.2	2637.4	2637.4	2632.3	2637.4	2632.3	2617.0	2596.7	2571.3	2551.0	2530.7
-45°	2703.4	2708.5	2718.7	2728.8	2744.1	2723.8	2693.3	2657.7	2622.1	2591.6	2566.2
-47.5°	2749.2	2754.3	2764.4	2779.7	2789.8	2769.5	2728.8	2683.1	2627.2	2576.4	2525.6
-50°	2764.4	2779.7	2784.7	2784.7	2779.7	2754.3	2693.3	2627.2	2566.2	2515.4	2469.7
-52.5°	2693.3	2708.5	2713.6	2703.4	2698.4	2672.9	2617.0	2556.1	2490.0	2454.4	2413.8
-55°	2576.4	2596.7	2612.0	2612.0	2612.0	2606.9	2556.1	2500.2	2449.4	2408.7	2368.0
-57.5°	2530.7	2566.2	2596.7	2601.8	2606.9	2612.0	2576.4	2520.5	2459.5	2398.5	2347.7
-60°	2698.4	2728.8	2744.1	2723.8	2708.5	2693.3	2637.4	2571.3	2510.3	2449.4	2352.8
-62.5°	2652.6	2703.4	2728.8	2713.6	2693.3	2667.9	2606.9	2530.7	2459.5	2393.5	2296.9
-65°	2505.3	2551.0	2581.5	2556.1	2525.6	2490.0	2434.1	2363.0	2296.9	2230.8	2144.5
-67.5°	2256.3	2322.3	2373.1	2317.2	2276.6	2230.8	2185.1	2124.1	2058.1	1981.8	1900.5
-70°	1865.0	1915.8	1961.5	1946.3	1936.1	1925.9	1895.5	1834.5	1778.6	1717.6	1646.5
-72.5°	1499.1	1544.8	1585.5	1560.1	1539.7	1509.2	1463.5	1397.5	1331.4	1265.3	1199.3
-75°	828.3	843.6	858.8	853.7	853.7	853.7	853.7	858.8	848.6	833.4	802.9
-77.5°	635.2	655.5	670.8	680.9	696.2	716.5	731.8	706.3	680.9	655.5	625.0
-80°	498.0	518.3	533.6	589.5	630.1	675.9	706.3	670.8	635.2	604.7	579.3
-82.5°	376.0	391.3	406.5	437.0	457.3	482.8	503.1	503.1	498.0	492.9	477.7
-85°	274.4	294.7	315.1	325.2	340.5	340.5	345.6	325.2	304.9	289.7	269.3
-87.5°	157.5	162.6	162.6	162.6	167.7	167.7	167.7	157.5	152.4	142.3	137.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	5.1	5.1	5.1	10.2	10.2	15.2	15.2	20.3	20.3	25.4	25.4
85°	30.5	30.5	30.5	35.6	35.6	40.7	45.7	50.8	55.9	55.9	61.0
82.5°	50.8	55.9	61.0	66.1	71.1	76.2	81.3	86.4	101.6	111.8	116.9
80°	50.8	55.9	71.1	81.3	91.5	101.6	101.6	101.6	101.6	106.7	116.9
77.5°	35.6	40.7	45.7	55.9	81.3	101.6	116.9	127.0	116.9	111.8	101.6
75°	20.3	25.4	30.5	35.6	50.8	71.1	96.6	122.0	142.3	137.2	127.0
72.5°	20.3	20.3	25.4	30.5	35.6	40.7	45.7	71.1	101.6	127.0	142.3
70°	20.3	25.4	25.4	30.5	35.6	40.7	45.7	55.9	71.1	101.6	132.1
67.5°	20.3	25.4	25.4	35.6	45.7	50.8	55.9	50.8	45.7	66.1	96.6
65°	20.3	20.3	25.4	30.5	35.6	40.7	55.9	55.9	50.8	50.8	50.8
62.5°	30.5	30.5	30.5	30.5	35.6	35.6	35.6	45.7	45.7	45.7	45.7
60°	61.0	55.9	55.9	55.9	55.9	45.7	45.7	45.7	40.7	45.7	40.7
57.5°	147.4	122.0	111.8	111.8	96.6	91.5	76.2	55.9	55.9	45.7	45.7
55°	299.8	284.6	238.8	198.2	177.9	157.5	122.0	101.6	76.2	61.0	55.9
52.5°	462.4	421.8	381.1	330.3	279.5	238.8	203.3	157.5	127.0	91.5	71.1
50°	604.7	569.1	523.4	467.5	401.5	350.6	299.8	238.8	188.0	142.3	101.6
47.5°	823.2	752.1	696.2	630.1	553.9	482.8	416.7	345.6	264.2	208.3	157.5
45°	1057.0	955.3	879.1	818.1	716.5	620.0	543.7	467.5	371.0	274.4	213.4
42.5°	1219.6	1143.4	1041.7	960.4	869.0	767.3	665.7	584.4	482.8	371.0	274.4
40°	1306.0	1255.2	1173.9	1102.7	1006.2	894.4	787.7	706.3	599.6	477.7	345.6
37.5°	1372.0	1346.6	1306.0	1250.1	1158.6	1026.5	919.8	823.2	731.8	589.5	447.2
35°	1448.3	1443.2	1417.8	1392.4	1316.1	1189.1	1062.1	950.3	838.5	706.3	548.8
32.5°	1519.4	1514.3	1499.1	1488.9	1458.4	1346.6	1209.4	1082.4	955.3	818.1	645.4
30°	1555.0	1544.8	1544.8	1555.0	1524.5	1453.4	1351.7	1214.5	1072.2	909.6	747.0
27.5°	1555.0	1544.8	1549.9	1565.1	1560.1	1524.5	1448.3	1336.5	1178.9	996.0	838.5
25°	1488.9	1539.7	1539.7	1560.1	1565.1	1555.0	1514.3	1443.2	1280.6	1087.5	909.6
22.5°	1397.5	1519.4	1565.1	1560.1	1565.1	1590.6	1595.6	1529.6	1377.1	1178.9	980.8
20°	1397.5	1483.8	1616.0	1580.4	1590.6	1646.5	1671.9	1616.0	1478.8	1265.3	1051.9
17.5°	1427.9	1483.8	1595.6	1651.5	1666.8	1712.5	1753.2	1717.6	1570.2	1356.8	1148.5
15°	1514.3	1504.2	1580.4	1717.6	1743.0	1778.6	1824.3	1783.7	1651.5	1458.4	1239.9
12.5°	1575.3	1519.4	1580.4	1727.8	1809.1	1844.6	1859.9	1829.4	1722.7	1549.9	1331.4
10°	1656.6	1560.1	1590.6	1717.6	1834.5	1859.9	1875.1	1865.0	1788.7	1626.1	1412.7
7.5°	1717.6	1580.4	1580.4	1702.4	1859.9	1880.2	1890.4	1900.5	1844.6	1692.2	1483.8
5°	1743.0	1580.4	1570.2	1687.1	1885.3	1905.6	1905.6	1920.9	1885.3	1743.0	1534.7
2.5°	1748.1	1575.3	1560.1	1676.9	1931.0	1931.0	1920.9	1936.1	1915.8	1773.5	1570.2
0°	1773.5	1570.2	1555.0	1692.2	1981.8	1961.5	1936.1	1941.2	1931.0	1788.7	1590.6
-2.5°	1773.5	1595.6	1575.3	1702.4	1976.8	1971.7	1961.5	1966.6	1956.4	1834.5	1631.2
-5°	1798.9	1631.2	1610.9	1748.1	1971.7	1986.9	1992.0	1992.0	1976.8	1865.0	1656.6
-7.5°	1804.0	1656.6	1651.5	1793.8	1981.8	2007.3	2022.5	2032.7	2002.2	1885.3	1676.9
-10°	1778.6	1666.8	1692.2	1849.7	1992.0	2027.6	2058.1	2073.3	2022.5	1895.5	1687.1
-12.5°	1722.7	1666.8	1732.8	1920.9	2017.4	2058.1	2103.8	2108.9	2042.8	1900.5	1692.2
-15°	1717.6	1707.4	1804.0	1992.0	2032.7	2083.5	2154.6	2139.4	2058.1	1900.5	1692.2
-17.5°	1712.5	1763.3	1910.7	2017.4	2058.1	2114.0	2169.9	2154.6	2068.2	1900.5	1682.0
-20°	1758.3	1854.8	2037.7	2042.8	2088.6	2149.5	2180.0	2149.5	2053.0	1885.3	1666.8

REPORT NUMBER: P723628

CATALOG NUMBER: IFLD-L-SA7E-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°	1834.5	2017.4	2078.4	2098.7	2139.4	2185.1	2200.4	2154.6	2037.7	1859.9	1641.4
-25°	2027.6	2119.0	2119.0	2164.8	2205.4	2225.8	2210.5	2159.7	2017.4	1834.5	1616.0
-27.5°	2174.9	2169.9	2195.3	2241.0	2276.6	2276.6	2235.9	2134.3	1986.9	1809.1	1580.4
-30°	2230.8	2235.9	2271.5	2322.3	2332.5	2307.1	2246.1	2114.0	1961.5	1768.4	1534.7
-32.5°	2286.7	2307.1	2352.8	2378.2	2383.3	2332.5	2220.7	2078.4	1920.9	1722.7	1483.8
-35°	2352.8	2393.5	2418.9	2423.9	2398.5	2312.1	2185.1	2032.7	1859.9	1656.6	1438.1
-37.5°	2439.2	2459.5	2474.8	2454.4	2383.3	2281.7	2124.1	1971.7	1804.0	1585.5	1372.0
-40°	2495.1	2505.3	2510.3	2444.3	2357.9	2210.5	2058.1	1900.5	1707.4	1504.2	1300.9
-42.5°	2530.7	2520.5	2479.8	2408.7	2281.7	2139.4	1992.0	1814.1	1621.0	1422.9	1224.7
-45°	2520.5	2484.9	2423.9	2337.6	2205.4	2063.1	1890.4	1712.5	1529.6	1336.5	1138.3
-47.5°	2479.8	2423.9	2347.7	2246.1	2124.1	1951.4	1778.6	1605.8	1427.9	1239.9	1057.0
-50°	2429.0	2363.0	2271.5	2144.5	1981.8	1824.3	1666.8	1499.1	1316.1	1143.4	980.8
-52.5°	2373.1	2302.0	2185.1	2042.8	1865.0	1702.4	1549.9	1387.3	1219.6	1057.0	914.7
-55°	2312.1	2241.0	2108.9	1946.3	1768.4	1590.6	1443.2	1306.0	1143.4	985.8	858.8
-57.5°	2281.7	2190.2	2053.0	1890.4	1702.4	1519.4	1392.4	1245.0	1097.6	935.0	813.1
-60°	2256.3	2164.8	2037.7	1849.7	1671.9	1499.1	1351.7	1209.4	1051.9	899.5	777.5
-62.5°	2185.1	2088.6	1971.7	1788.7	1616.0	1458.4	1326.3	1158.6	1006.2	863.9	752.1
-65°	2042.8	1941.2	1839.6	1676.9	1519.4	1372.0	1239.9	1087.5	945.2	823.2	726.7
-67.5°	1819.2	1732.8	1641.4	1504.2	1372.0	1239.9	1118.0	985.8	869.0	782.6	731.8
-70°	1570.2	1478.8	1387.3	1275.5	1163.7	1057.0	960.4	863.9	787.7	741.9	701.3
-72.5°	1143.4	1102.7	1057.0	970.6	879.1	813.1	767.3	726.7	670.8	630.1	604.7
-75°	762.2	706.3	635.2	604.7	609.8	599.6	574.2	543.7	518.3	503.1	467.5
-77.5°	594.6	564.1	528.5	492.9	477.7	462.4	442.1	416.7	396.4	360.8	310.0
-80°	548.8	523.4	498.0	472.6	447.2	411.6	371.0	330.3	310.0	294.7	289.7
-82.5°	452.3	421.8	391.3	365.9	330.3	304.9	279.5	259.2	259.2	254.1	249.0
-85°	259.2	249.0	233.8	223.6	213.4	198.2	182.9	172.8	167.7	162.6	157.5
-87.5°	132.1	127.0	116.9	111.8	106.7	101.6	91.5	86.4	81.3	81.3	76.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA7E-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°	25.4	25.4	20.3	20.3	20.3	15.2	10.2	10.2	5.1	5.1	0.0
85°	61.0	50.8	45.7	40.7	40.7	30.5	20.3	15.2	10.2	5.1	5.1
82.5°	116.9	101.6	86.4	76.2	61.0	45.7	35.6	25.4	15.2	10.2	5.1
80°	132.1	132.1	127.0	106.7	86.4	66.1	45.7	30.5	20.3	15.2	10.2
77.5°	101.6	111.8	111.8	111.8	106.7	81.3	55.9	35.6	20.3	15.2	10.2
75°	116.9	101.6	96.6	101.6	96.6	81.3	66.1	40.7	25.4	20.3	10.2
72.5°	142.3	122.0	106.7	101.6	91.5	76.2	61.0	45.7	25.4	20.3	15.2
70°	132.1	127.0	116.9	106.7	91.5	76.2	61.0	45.7	30.5	20.3	15.2
67.5°	116.9	116.9	116.9	106.7	91.5	71.1	55.9	40.7	30.5	20.3	15.2
65°	81.3	96.6	106.7	101.6	91.5	71.1	55.9	40.7	30.5	25.4	15.2
62.5°	50.8	66.1	86.4	96.6	86.4	71.1	50.8	40.7	30.5	25.4	15.2
60°	45.7	50.8	61.0	76.2	81.3	66.1	50.8	35.6	30.5	25.4	15.2
57.5°	45.7	45.7	50.8	61.0	66.1	61.0	45.7	30.5	30.5	25.4	20.3
55°	50.8	45.7	45.7	50.8	55.9	55.9	45.7	30.5	30.5	25.4	20.3
52.5°	61.0	50.8	45.7	45.7	45.7	50.8	40.7	30.5	30.5	25.4	20.3
50°	76.2	61.0	55.9	45.7	45.7	45.7	40.7	30.5	25.4	25.4	20.3
47.5°	101.6	81.3	61.0	55.9	45.7	40.7	35.6	30.5	25.4	25.4	20.3
45°	152.4	96.6	81.3	61.0	50.8	45.7	40.7	30.5	25.4	25.4	20.3
42.5°	208.3	142.3	101.6	71.1	55.9	45.7	40.7	35.6	25.4	25.4	20.3
40°	264.2	193.1	127.0	91.5	66.1	50.8	40.7	35.6	30.5	25.4	20.3
37.5°	325.2	238.8	167.7	116.9	76.2	55.9	45.7	35.6	30.5	25.4	20.3
35°	401.5	299.8	208.3	142.3	91.5	66.1	50.8	35.6	30.5	25.4	20.3
32.5°	487.8	355.7	249.0	172.8	116.9	81.3	55.9	40.7	30.5	25.4	20.3
30°	569.1	421.8	294.7	208.3	142.3	91.5	61.0	40.7	30.5	25.4	15.2
27.5°	650.5	487.8	350.6	243.9	172.8	106.7	66.1	45.7	30.5	25.4	20.3
25°	731.8	553.9	406.5	279.5	198.2	127.0	81.3	50.8	30.5	25.4	20.3
22.5°	802.9	620.0	457.3	320.1	228.7	147.4	91.5	55.9	35.6	25.4	20.3
20°	884.2	691.1	513.2	365.9	254.1	167.7	101.6	61.0	35.6	25.4	20.3
17.5°	960.4	762.2	569.1	406.5	284.6	188.0	116.9	66.1	40.7	25.4	20.3
15°	1036.7	828.3	620.0	447.2	315.1	208.3	127.0	71.1	45.7	25.4	20.3
12.5°	1107.8	889.3	665.7	482.8	340.5	228.7	137.2	76.2	50.8	25.4	20.3
10°	1173.9	945.2	711.4	513.2	365.9	243.9	147.4	86.4	55.9	25.4	20.3
7.5°	1239.9	990.9	747.0	543.7	396.4	264.2	157.5	91.5	61.0	30.5	20.3
5°	1280.6	1031.6	777.5	569.1	421.8	284.6	167.7	96.6	66.1	30.5	20.3
2.5°	1316.1	1062.1	797.8	594.6	447.2	299.8	167.7	101.6	71.1	30.5	20.3
0°	1336.5	1082.4	813.1	609.8	467.5	310.0	172.8	106.7	76.2	30.5	20.3
-2.5°	1382.2	1118.0	848.6	630.1	487.8	340.5	182.9	111.8	81.3	35.6	20.3
-5°	1412.7	1138.3	874.0	650.5	503.1	371.0	198.2	122.0	91.5	45.7	25.4
-7.5°	1438.1	1158.6	894.4	660.6	518.3	381.1	203.3	127.0	96.6	50.8	25.4
-10°	1443.2	1168.8	909.6	675.9	528.5	396.4	208.3	132.1	101.6	55.9	25.4
-12.5°	1448.3	1178.9	914.7	686.0	538.7	406.5	213.4	137.2	106.7	61.0	25.4
-15°	1443.2	1173.9	914.7	696.2	543.7	396.4	223.6	142.3	111.8	66.1	25.4
-17.5°	1433.0	1168.8	909.6	691.1	538.7	386.2	228.7	152.4	111.8	71.1	30.5
-20°	1417.8	1153.5	899.5	686.0	533.6	376.0	233.8	157.5	116.9	71.1	30.5

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CATALOG NUMBER: IFLD-L-SA7E-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°	1392.4	1128.1	879.1	670.8	523.4	365.9	233.8	167.7	122.0	71.1	30.5
-25°	1361.9	1102.7	858.8	650.5	508.2	350.6	233.8	172.8	127.0	71.1	30.5
-27.5°	1326.3	1077.3	828.3	635.2	487.8	340.5	233.8	177.9	132.1	71.1	30.5
-30°	1285.7	1041.7	802.9	609.8	472.6	340.5	238.8	182.9	137.2	71.1	30.5
-32.5°	1245.0	1006.2	772.4	589.5	452.3	335.4	238.8	188.0	142.3	66.1	35.6
-35°	1199.3	965.5	747.0	574.2	437.0	325.2	243.9	188.0	137.2	66.1	35.6
-37.5°	1143.4	914.7	721.6	559.0	426.9	315.1	243.9	193.1	132.1	66.1	35.6
-40°	1082.4	874.0	691.1	538.7	411.6	310.0	243.9	193.1	127.0	66.1	40.7
-42.5°	1016.3	828.3	660.6	518.3	396.4	304.9	243.9	193.1	122.0	66.1	40.7
-45°	955.3	782.6	625.0	492.9	381.1	304.9	243.9	188.0	111.8	71.1	40.7
-47.5°	889.3	731.8	584.4	467.5	376.0	299.8	238.8	177.9	101.6	71.1	40.7
-50°	833.4	680.9	553.9	442.1	365.9	304.9	243.9	162.6	101.6	71.1	40.7
-52.5°	777.5	645.4	518.3	431.9	355.7	310.0	238.8	152.4	101.6	71.1	40.7
-55°	731.8	609.8	498.0	416.7	365.9	320.1	228.7	137.2	101.6	71.1	40.7
-57.5°	696.2	589.5	482.8	421.8	381.1	310.0	213.4	132.1	101.6	66.1	40.7
-60°	670.8	569.1	487.8	442.1	386.2	294.7	203.3	132.1	101.6	66.1	35.6
-62.5°	650.5	574.2	513.2	457.3	365.9	274.4	193.1	132.1	91.5	61.0	35.6
-65°	655.5	594.6	523.4	437.0	350.6	254.1	177.9	127.0	86.4	55.9	35.6
-67.5°	670.8	579.3	492.9	411.6	315.1	228.7	162.6	116.9	81.3	55.9	35.6
-70°	620.0	533.6	447.2	350.6	269.3	198.2	152.4	106.7	71.1	50.8	35.6
-72.5°	559.0	447.2	355.7	284.6	228.7	182.9	137.2	96.6	66.1	45.7	30.5
-75°	406.5	325.2	264.2	238.8	203.3	162.6	122.0	86.4	61.0	45.7	30.5
-77.5°	289.7	269.3	243.9	218.5	182.9	142.3	106.7	81.3	55.9	40.7	25.4
-80°	284.6	259.2	228.7	188.0	152.4	122.0	91.5	71.1	50.8	35.6	20.3
-82.5°	238.8	203.3	172.8	142.3	116.9	96.6	76.2	55.9	40.7	25.4	15.2
-85°	147.4	127.0	111.8	96.6	81.3	66.1	50.8	35.6	25.4	15.2	10.2
-87.5°	71.1	66.1	55.9	45.7	40.7	30.5	25.4	20.3	15.2	10.2	5.1
-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-L-SA7E-722-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°	5.1	0.0	0.0	0.0
80°	5.1	0.0	0.0	0.0
77.5°	5.1	0.0	0.0	0.0
75°	5.1	5.1	0.0	0.0
72.5°	5.1	5.1	0.0	0.0
70°	10.2	5.1	5.1	0.0
67.5°	10.2	5.1	5.1	0.0
65°	10.2	5.1	5.1	0.0
62.5°	10.2	5.1	5.1	0.0
60°	10.2	5.1	5.1	0.0
57.5°	10.2	5.1	5.1	0.0
55°	10.2	5.1	5.1	0.0
52.5°	10.2	5.1	5.1	0.0
50°	10.2	5.1	5.1	0.0
47.5°	10.2	10.2	5.1	0.0
45°	10.2	10.2	5.1	0.0
42.5°	10.2	10.2	5.1	0.0
40°	10.2	10.2	5.1	0.0
37.5°	10.2	10.2	5.1	0.0
35°	10.2	10.2	5.1	0.0
32.5°	15.2	10.2	5.1	0.0
30°	15.2	10.2	10.2	0.0
27.5°	15.2	10.2	10.2	0.0
25°	15.2	10.2	10.2	0.0
22.5°	15.2	10.2	10.2	0.0
20°	15.2	10.2	10.2	0.0
17.5°	15.2	10.2	10.2	0.0
15°	15.2	10.2	10.2	0.0
12.5°	15.2	10.2	10.2	0.0
10°	15.2	10.2	10.2	0.0
7.5°	15.2	10.2	10.2	0.0
5°	15.2	10.2	10.2	0.0
2.5°	15.2	10.2	10.2	0.0
0°	15.2	10.2	10.2	0.0
-2.5°	15.2	10.2	10.2	0.0
-5°	15.2	10.2	10.2	0.0
-7.5°	15.2	10.2	10.2	0.0
-10°	15.2	10.2	10.2	0.0
-12.5°	20.3	10.2	10.2	0.0
-15°	20.3	10.2	10.2	0.0
-17.5°	20.3	10.2	10.2	0.0
-20°	20.3	10.2	10.2	0.0

REPORT NUMBER: P723628

CATALOG NUMBER: IFLD-L-SA7E-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.3	10.2	10.2	0.0
-25°	20.3	10.2	10.2	0.0
-27.5°	20.3	10.2	10.2	0.0
-30°	20.3	10.2	10.2	0.0
-32.5°	20.3	10.2	10.2	0.0
-35°	20.3	10.2	10.2	0.0
-37.5°	20.3	10.2	10.2	0.0
-40°	20.3	10.2	10.2	0.0
-42.5°	15.2	10.2	5.1	0.0
-45°	20.3	10.2	5.1	0.0
-47.5°	20.3	10.2	5.1	0.0
-50°	20.3	10.2	5.1	0.0
-52.5°	20.3	10.2	5.1	0.0
-55°	20.3	10.2	5.1	0.0
-57.5°	20.3	10.2	5.1	0.0
-60°	20.3	10.2	5.1	0.0
-62.5°	20.3	10.2	5.1	0.0
-65°	20.3	10.2	5.1	0.0
-67.5°	20.3	10.2	5.1	0.0
-70°	20.3	5.1	5.1	0.0
-72.5°	15.2	5.1	5.1	0.0
-75°	15.2	5.1	5.1	0.0
-77.5°	10.2	5.1	0.0	0.0
-80°	10.2	5.1	0.0	0.0
-82.5°	10.2	5.1	0.0	0.0
-85°	5.1	0.0	0.0	0.0
-87.5°	5.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)