

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: P723656

Luminaire Tested: **IFLD-L-SA7D-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723656
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7D-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	21595.8 lumens	Max Intensity:	508074.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	7831.5 lumens	Field Lumens:	12485 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

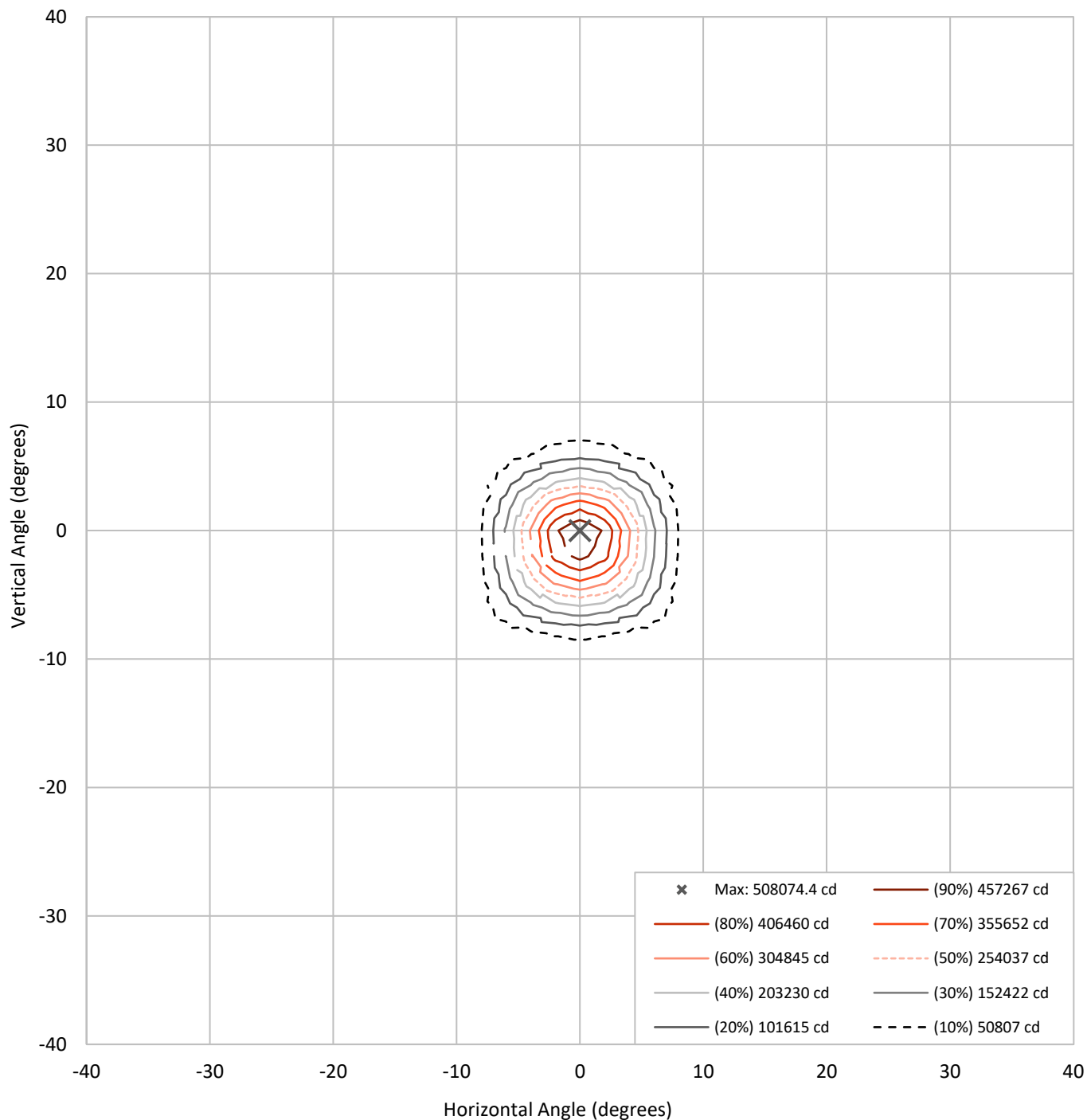
Input Watts (W): 422.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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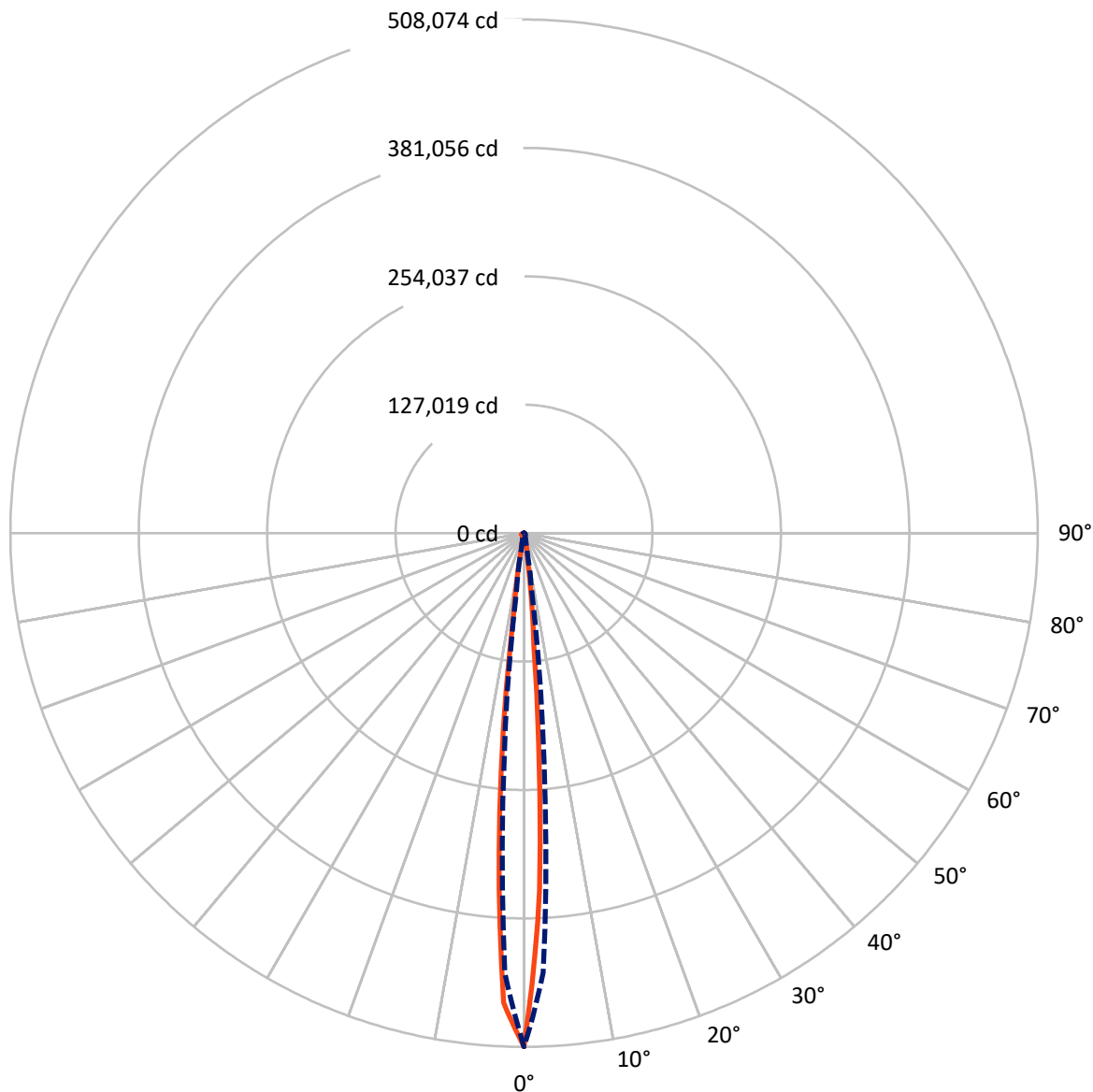
Lumen Table

Vertical Angle (degrees)																
	0.4	4.8		5.2		2.0		0.6		2.0		5.2		4.8		0.4
90																
80	0.4	4.8		5.2		2.0		0.6		2.0		5.2		4.8		0.4
70																
60	0.6	1.1	1.4	1.0	0.9	0.7	0.6	0.3	0.3	0.6	0.7	0.9	1.0	1.4	1.1	0.6
50		0.7	1.0	2.5	5.6	9.1	11.7	13.4	13.4	11.7	9.1	5.6	2.5	1.0	0.7	
40	0.5	0.7	3.0	9.8	19.4	28.3	34.1	37.8	37.8	34.1	28.3	19.4	9.8	3.0	0.7	0.5
30		1.4	7.5	20.2	32.8	38.6	41.7	43.1	43.1	41.7	38.6	32.8	20.2	7.5	1.4	
20	0.9	2.8	12.8	29.4	38.1	39.2	46.2	55.7	55.7	46.2	39.2	38.1	29.4	12.8	2.8	0.9
10		4.4	18.0	36.1	40.6	45.8	80.4	137.1	137.1	80.4	45.8	40.6	36.1	18.0	4.4	
0	1.4	5.7	22.0	39.7	42.1	56.5	153.0	2835.0	2835.0	153.0	56.5	42.1	39.7	22.0	5.7	1.4
-10		6.7	24.1	41.7	43.6	58.4	164.8	4133.7	4133.7	164.8	58.4	43.6	41.7	24.1	6.7	
-20	2.1	7.1	24.7	43.9	47.2	52.7	95.8	183.9	183.9	95.8	52.7	47.2	43.9	24.7	7.1	2.1
-30		6.7	23.5	44.5	53.0	53.1	62.0	75.7	75.7	62.0	53.1	53.0	44.5	23.5	6.7	
-40	2.3	6.0	20.8	42.5	58.3	63.5	66.1	66.7	66.7	66.1	63.5	58.3	42.5	20.8	6.0	2.3
-50		5.2	16.7	36.1	56.2	68.4	76.6	80.3	80.3	76.6	68.4	56.2	36.1	16.7	5.2	
-60	1.8	4.7	12.9	28.0	47.9	64.4	74.8	79.1	79.1	74.8	64.4	47.9	28.0	12.9	4.7	1.8
-70		4.4	11.4	22.8	40.0	56.3	68.1	73.6	73.6	68.1	56.3	40.0	22.8	11.4	4.4	
-80	0.8	13.4		39.8		73.7		81.4		73.7		39.8		13.4		0.8
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



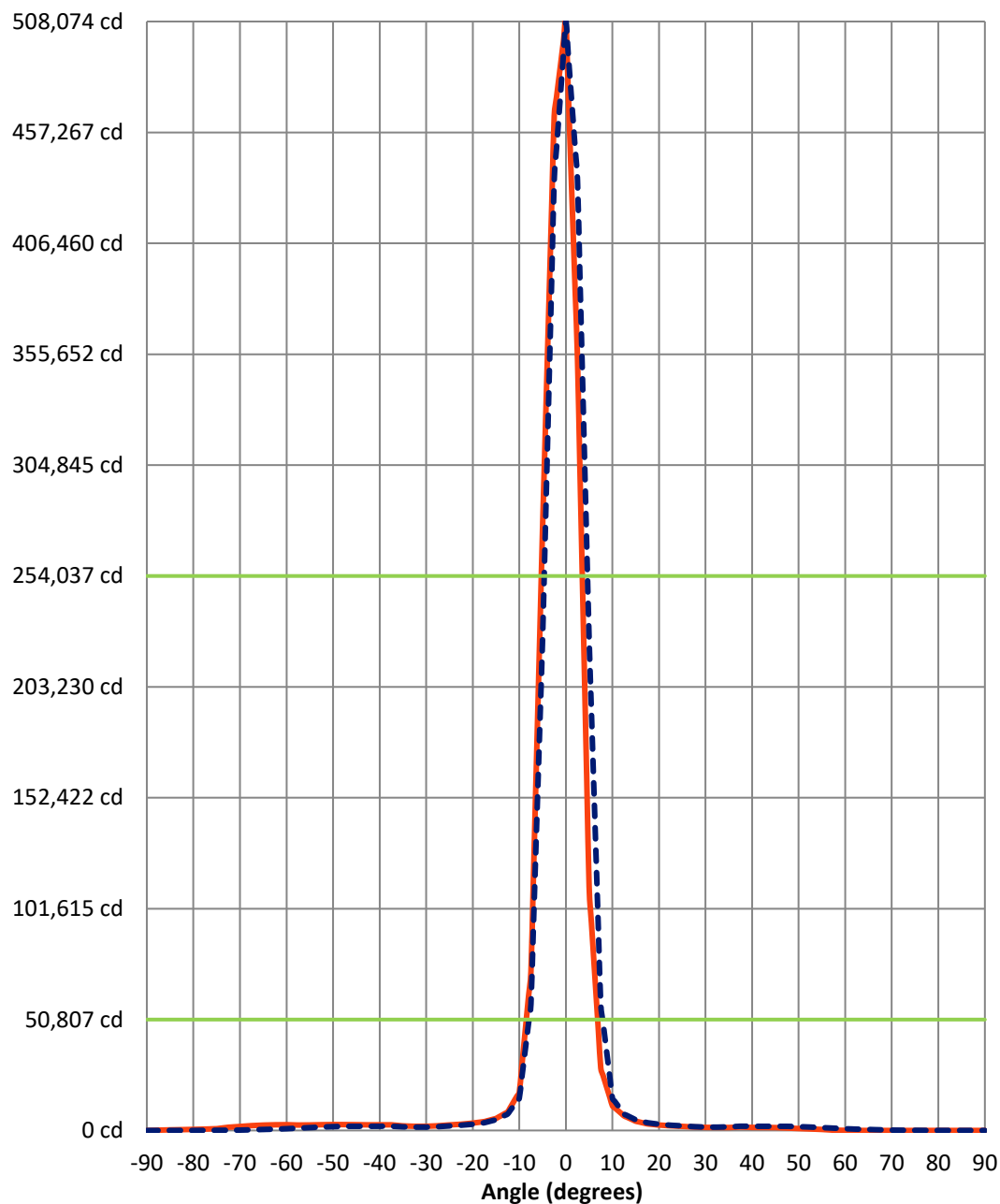
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 7831.5

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 12485

Efficiency: 57.8%

Spill:

Lumens: 9110.8

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	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
85°	0.0	5.0	5.0	10.0	10.0	10.0	15.0	19.9	24.9	24.9	29.9
82.5°	0.0	5.0	5.0	10.0	10.0	15.0	15.0	24.9	29.9	34.9	44.9
80°	5.0	5.0	5.0	10.0	10.0	15.0	15.0	19.9	24.9	34.9	39.9
77.5°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	15.0	19.9	24.9	29.9
75°	0.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0	15.0	15.0	19.9
72.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
70°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
67.5°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	10.0	15.0	15.0	15.0
65°	0.0	0.0	0.0	5.0	5.0	10.0	10.0	15.0	15.0	15.0	15.0
62.5°	5.0	5.0	5.0	10.0	15.0	15.0	19.9	24.9	24.9	24.9	24.9
60°	49.9	54.8	59.8	59.8	54.8	54.8	59.8	59.8	59.8	59.8	59.8
57.5°	134.6	144.6	149.6	149.6	149.6	144.6	164.5	169.5	149.6	139.6	154.5
55°	468.6	483.6	473.6	458.6	428.7	393.8	383.9	378.9	383.9	358.9	319.1
52.5°	683.0	697.9	693.0	683.0	663.0	638.1	618.2	598.2	578.3	538.4	493.5
50°	887.4	892.4	887.4	877.4	857.5	832.5	792.7	747.8	707.9	697.9	658.1
47.5°	1116.7	1131.7	1131.7	1126.7	1111.7	1066.9	1007.0	942.2	912.3	902.3	862.5
45°	1321.1	1331.1	1336.1	1341.1	1336.1	1291.2	1236.4	1201.5	1136.7	1116.7	1116.7
42.5°	1375.9	1380.9	1385.9	1390.9	1405.9	1371.0	1326.1	1266.3	1251.3	1246.3	1236.4
40°	1395.9	1385.9	1390.9	1395.9	1400.9	1375.9	1341.1	1306.2	1296.2	1286.2	1286.2
37.5°	1585.3	1540.5	1505.6	1475.7	1450.7	1425.8	1390.9	1361.0	1336.1	1316.1	1336.1
35°	1351.0	1351.0	1385.9	1415.8	1445.7	1475.7	1480.6	1445.7	1390.9	1366.0	1400.9
32.5°	1380.9	1380.9	1380.9	1390.9	1400.9	1425.8	1450.7	1465.7	1505.6	1460.7	1460.7
30°	1410.8	1415.8	1425.8	1430.8	1415.8	1405.9	1395.9	1395.9	1420.8	1485.6	1520.5
27.5°	1585.3	1585.3	1570.4	1550.4	1505.6	1435.8	1400.9	1351.0	1356.0	1385.9	1470.7
25°	1869.5	1859.5	1824.6	1774.8	1695.0	1595.3	1500.6	1395.9	1351.0	1336.1	1371.0
22.5°	2138.7	2123.7	2078.9	2034.0	1969.2	1869.5	1710.0	1550.4	1410.8	1351.0	1336.1
20°	2482.7	2447.8	2397.9	2328.1	2223.5	2123.7	1984.2	1774.8	1570.4	1415.8	1356.0
17.5°	3036.1	2991.2	2896.5	2771.8	2592.4	2437.8	2238.4	2039.0	1809.7	1560.4	1425.8
15°	4247.5	4132.8	3968.3	3624.3	3270.4	2976.2	2677.1	2343.1	2108.8	1779.8	1575.4
12.5°	6680.3	6366.3	5887.7	5085.0	4292.4	3609.4	3125.8	2697.1	2318.2	2014.1	1724.9
10°	11306.7	10633.7	9312.6	7119.0	5658.3	4402.0	3534.6	2961.3	2482.7	2168.6	1849.6
7.5°	28595.8	23326.3	16506.4	11271.8	7403.2	5379.2	4043.1	3210.5	2657.2	2268.3	1949.3
5°	111451.9	91809.7	48975.8	20439.8	11137.2	6505.8	4501.7	3410.0	2771.8	2343.1	2024.0
2.5°	353713.8	305455.8	160258.2	44000.5	13674.7	7328.4	4815.8	3534.6	2836.6	2397.9	2078.9
0°	508074.4	435438.2	224912.9	57869.6	14831.3	7537.8	4915.5	3559.5	2846.6	2407.9	2078.9
-2.5°	464801.8	406792.5	217265.4	53851.5	15155.4	7597.6	4995.3	3644.3	2921.4	2452.8	2093.8
-5°	276182.0	242251.9	151558.9	38397.0	13465.4	7054.2	4785.9	3569.5	2871.5	2427.9	2083.9
-7.5°	72765.8	62994.6	41438.0	20036.0	8714.3	5967.4	4397.1	3444.9	2806.7	2383.0	2044.0
-10°	17543.4	16626.1	14851.3	9103.2	6785.0	4985.3	3898.5	3220.5	2677.1	2323.2	1979.2
-12.5°	8460.1	8260.7	7497.9	6181.8	5035.2	4142.8	3529.6	2986.2	2557.5	2218.5	1889.4
-15°	5503.8	5389.1	5129.9	4626.4	4043.1	3614.4	3185.6	2746.9	2407.9	2063.9	1814.7
-17.5°	4073.0	4068.0	3938.4	3749.0	3459.8	3140.8	2826.7	2547.5	2218.5	1924.3	1734.9
-20°	3375.1	3375.1	3300.3	3175.7	2971.3	2761.9	2552.5	2293.2	2024.0	1804.7	1724.9

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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°	2866.6	2871.5	2831.7	2751.9	2642.2	2467.7	2263.3	2054.0	1859.5	1779.8	1754.8
-25°	2537.5	2527.6	2482.7	2407.9	2293.2	2153.7	2019.1	1879.5	1824.6	1804.7	1839.6
-27.5°	2148.7	2163.6	2143.7	2108.8	2034.0	1934.3	1904.4	1864.5	1874.5	1904.4	2039.0
-30°	1919.3	1934.3	1954.2	1969.2	1944.3	1919.3	1929.3	1959.2	2024.0	2138.7	2188.6
-32.5°	1919.3	1924.3	1954.2	1984.2	1999.1	2019.1	2073.9	2173.6	2268.3	2238.4	2228.4
-35°	2093.8	2078.9	2118.8	2158.6	2213.5	2283.3	2343.1	2323.2	2288.3	2278.3	2288.3
-37.5°	2592.4	2497.6	2457.8	2432.8	2417.9	2407.9	2393.0	2378.0	2363.0	2353.1	2368.0
-40°	2587.4	2562.5	2537.5	2517.6	2502.6	2482.7	2472.7	2467.7	2452.8	2442.8	2432.8
-42.5°	2577.4	2587.4	2587.4	2582.4	2587.4	2582.4	2567.4	2547.5	2522.6	2502.6	2482.7
-45°	2652.2	2657.2	2667.1	2677.1	2692.1	2672.1	2642.2	2607.3	2572.4	2542.5	2517.6
-47.5°	2697.1	2702.0	2712.0	2727.0	2736.9	2717.0	2677.1	2632.3	2577.4	2527.6	2477.7
-50°	2712.0	2727.0	2732.0	2732.0	2727.0	2702.0	2642.2	2577.4	2517.6	2467.7	2422.9
-52.5°	2642.2	2657.2	2662.2	2652.2	2647.2	2622.3	2567.4	2507.6	2442.8	2407.9	2368.0
-55°	2527.6	2547.5	2562.5	2562.5	2562.5	2557.5	2507.6	2452.8	2402.9	2363.0	2323.2
-57.5°	2482.7	2517.6	2547.5	2552.5	2557.5	2562.5	2527.6	2472.7	2412.9	2353.1	2303.2
-60°	2647.2	2677.1	2692.1	2672.1	2657.2	2642.2	2587.4	2522.6	2462.8	2402.9	2308.2
-62.5°	2602.3	2652.2	2677.1	2662.2	2642.2	2617.3	2557.5	2482.7	2412.9	2348.1	2253.4
-65°	2457.8	2502.6	2532.5	2507.6	2477.7	2442.8	2388.0	2318.2	2253.4	2188.6	2103.8
-67.5°	2213.5	2278.3	2328.1	2273.3	2233.4	2188.6	2143.7	2083.9	2019.1	1944.3	1864.5
-70°	1829.6	1879.5	1924.3	1909.4	1899.4	1889.4	1859.5	1799.7	1744.9	1685.0	1615.2
-72.5°	1470.7	1515.5	1555.4	1530.5	1510.6	1480.6	1435.8	1371.0	1306.2	1241.3	1176.5
-75°	812.6	827.6	842.5	837.5	837.5	837.5	837.5	842.5	832.5	817.6	787.7
-77.5°	623.2	643.1	658.1	668.0	683.0	702.9	717.9	693.0	668.0	643.1	613.2
-80°	488.6	508.5	523.5	578.3	618.2	663.0	693.0	658.1	623.2	593.3	568.3
-82.5°	368.9	383.9	398.8	428.7	448.7	473.6	493.5	493.5	488.6	483.6	468.6
-85°	269.2	289.1	309.1	319.1	334.0	334.0	339.0	319.1	299.1	284.2	264.2
-87.5°	154.5	159.5	159.5	159.5	164.5	164.5	164.5	154.5	149.6	139.6	134.6
-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°	5.0	5.0	5.0	10.0	10.0	15.0	15.0	19.9	19.9	24.9	24.9
85°	29.9	29.9	29.9	34.9	34.9	39.9	44.9	49.9	54.8	54.8	59.8
82.5°	49.9	54.8	59.8	64.8	69.8	74.8	79.8	84.8	99.7	109.7	114.7
80°	49.9	54.8	69.8	79.8	89.7	99.7	99.7	99.7	99.7	104.7	114.7
77.5°	34.9	39.9	44.9	54.8	79.8	99.7	114.7	124.6	114.7	109.7	99.7
75°	19.9	24.9	29.9	34.9	49.9	69.8	94.7	119.6	139.6	134.6	124.6
72.5°	19.9	19.9	24.9	29.9	34.9	39.9	44.9	69.8	99.7	124.6	139.6
70°	19.9	24.9	24.9	29.9	34.9	39.9	44.9	54.8	69.8	99.7	129.6
67.5°	19.9	24.9	24.9	34.9	44.9	49.9	54.8	49.9	44.9	64.8	94.7
65°	19.9	19.9	24.9	29.9	34.9	39.9	54.8	54.8	49.9	49.9	49.9
62.5°	29.9	29.9	29.9	29.9	34.9	34.9	34.9	44.9	44.9	44.9	44.9
60°	59.8	54.8	54.8	54.8	54.8	44.9	44.9	44.9	39.9	44.9	39.9
57.5°	144.6	119.6	109.7	109.7	94.7	89.7	74.8	54.8	54.8	44.9	44.9
55°	294.1	279.2	234.3	194.4	174.5	154.5	119.6	99.7	74.8	59.8	54.8
52.5°	453.7	413.8	373.9	324.0	274.2	234.3	199.4	154.5	124.6	89.7	69.8
50°	593.3	558.4	513.5	458.6	393.8	344.0	294.1	234.3	184.5	139.6	99.7
47.5°	807.6	737.8	683.0	618.2	543.4	473.6	408.8	339.0	259.2	204.4	154.5
45°	1036.9	937.2	862.5	802.6	702.9	608.2	533.4	458.6	363.9	269.2	209.4
42.5°	1196.5	1121.7	1022.0	942.2	852.5	752.8	653.1	573.3	473.6	363.9	269.2
40°	1281.2	1231.4	1151.6	1081.8	987.1	877.4	772.7	693.0	588.3	468.6	339.0
37.5°	1346.0	1321.1	1281.2	1226.4	1136.7	1007.0	902.3	807.6	717.9	578.3	438.7
35°	1420.8	1415.8	1390.9	1366.0	1291.2	1166.6	1041.9	932.3	822.6	693.0	538.4
32.5°	1490.6	1485.6	1470.7	1460.7	1430.8	1321.1	1186.5	1061.9	937.2	802.6	633.1
30°	1525.5	1515.5	1515.5	1525.5	1495.6	1425.8	1326.1	1191.5	1051.9	892.4	732.8
27.5°	1525.5	1515.5	1520.5	1535.5	1530.5	1495.6	1420.8	1311.1	1156.6	977.1	822.6
25°	1460.7	1510.6	1510.6	1530.5	1535.5	1525.5	1485.6	1415.8	1256.3	1066.9	892.4
22.5°	1371.0	1490.6	1535.5	1530.5	1535.5	1560.4	1565.4	1500.6	1351.0	1156.6	962.2
20°	1371.0	1455.7	1585.3	1550.4	1560.4	1615.2	1640.2	1585.3	1450.7	1241.3	1032.0
17.5°	1400.9	1455.7	1565.4	1620.2	1635.2	1680.1	1719.9	1685.0	1540.5	1331.1	1126.7
15°	1485.6	1475.7	1550.4	1685.0	1710.0	1744.9	1789.7	1749.8	1620.2	1430.8	1216.4
12.5°	1545.5	1490.6	1550.4	1695.0	1774.8	1809.7	1824.6	1794.7	1690.0	1520.5	1306.2
10°	1625.2	1530.5	1560.4	1685.0	1799.7	1824.6	1839.6	1829.6	1754.8	1595.3	1385.9
7.5°	1685.0	1550.4	1550.4	1670.1	1824.6	1844.6	1854.5	1864.5	1809.7	1660.1	1455.7
5°	1710.0	1550.4	1540.5	1655.1	1849.6	1869.5	1869.5	1884.5	1849.6	1710.0	1505.6
2.5°	1715.0	1545.5	1530.5	1645.2	1894.4	1894.4	1884.5	1899.4	1879.5	1739.9	1540.5
0°	1739.9	1540.5	1525.5	1660.1	1944.3	1924.3	1899.4	1904.4	1894.4	1754.8	1560.4
-2.5°	1739.9	1565.4	1545.5	1670.1	1939.3	1934.3	1924.3	1929.3	1919.3	1799.7	1600.3
-5°	1764.8	1600.3	1580.3	1715.0	1934.3	1949.3	1954.2	1954.2	1939.3	1829.6	1625.2
-7.5°	1769.8	1625.2	1620.2	1759.8	1944.3	1969.2	1984.2	1994.1	1964.2	1849.6	1645.2
-10°	1744.9	1635.2	1660.1	1814.7	1954.2	1989.1	2019.1	2034.0	1984.2	1859.5	1655.1
-12.5°	1690.0	1635.2	1700.0	1884.5	1979.2	2019.1	2063.9	2068.9	2004.1	1864.5	1660.1
-15°	1685.0	1675.1	1769.8	1954.2	1994.1	2044.0	2113.8	2098.8	2019.1	1864.5	1660.1
-17.5°	1680.1	1729.9	1874.5	1979.2	2019.1	2073.9	2128.7	2113.8	2029.0	1864.5	1650.1
-20°	1724.9	1819.6	1999.1	2004.1	2049.0	2108.8	2138.7	2108.8	2014.1	1849.6	1635.2



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CATALOG NUMBER: IFLD-L-SA7D-727-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°	1799.7	1979.2	2039.0	2058.9	2098.8	2143.7	2158.6	2113.8	1999.1	1824.6	1610.3
-25°	1989.1	2078.9	2078.9	2123.7	2163.6	2183.6	2168.6	2118.8	1979.2	1799.7	1585.3
-27.5°	2133.7	2128.7	2153.7	2198.5	2233.4	2233.4	2193.5	2093.8	1949.3	1774.8	1550.4
-30°	2188.6	2193.5	2228.4	2278.3	2288.3	2263.3	2203.5	2073.9	1924.3	1734.9	1505.6
-32.5°	2243.4	2263.3	2308.2	2333.1	2338.1	2288.3	2178.6	2039.0	1884.5	1690.0	1455.7
-35°	2308.2	2348.1	2373.0	2378.0	2353.1	2268.3	2143.7	1994.1	1824.6	1625.2	1410.8
-37.5°	2393.0	2412.9	2427.9	2407.9	2338.1	2238.4	2083.9	1934.3	1769.8	1555.4	1346.0
-40°	2447.8	2457.8	2462.8	2397.9	2313.2	2168.6	2019.1	1864.5	1675.1	1475.7	1276.2
-42.5°	2482.7	2472.7	2432.8	2363.0	2238.4	2098.8	1954.2	1779.8	1590.3	1395.9	1201.5
-45°	2472.7	2437.8	2378.0	2293.2	2163.6	2024.0	1854.5	1680.1	1500.6	1311.1	1116.7
-47.5°	2432.8	2378.0	2303.2	2203.5	2083.9	1914.4	1744.9	1575.4	1400.9	1216.4	1036.9
-50°	2383.0	2318.2	2228.4	2103.8	1944.3	1789.7	1635.2	1470.7	1291.2	1121.7	962.2
-52.5°	2328.1	2258.4	2143.7	2004.1	1829.6	1670.1	1520.5	1361.0	1196.5	1036.9	897.4
-55°	2268.3	2198.5	2068.9	1909.4	1734.9	1560.4	1415.8	1281.2	1121.7	967.2	842.5
-57.5°	2238.4	2148.7	2014.1	1854.5	1670.1	1490.6	1366.0	1221.4	1076.8	917.3	797.7
-60°	2213.5	2123.7	1999.1	1814.7	1640.2	1470.7	1326.1	1186.5	1032.0	882.4	762.8
-62.5°	2143.7	2049.0	1934.3	1754.8	1585.3	1430.8	1301.2	1136.7	987.1	847.5	737.8
-65°	2004.1	1904.4	1804.7	1645.2	1490.6	1346.0	1216.4	1066.9	927.3	807.6	712.9
-67.5°	1784.7	1700.0	1610.3	1475.7	1346.0	1216.4	1096.8	967.2	852.5	767.7	717.9
-70°	1540.5	1450.7	1361.0	1251.3	1141.6	1036.9	942.2	847.5	772.7	727.9	688.0
-72.5°	1121.7	1081.8	1036.9	952.2	862.5	797.7	752.8	712.9	658.1	618.2	593.3
-75°	747.8	693.0	623.2	593.3	598.2	588.3	563.3	533.4	508.5	493.5	458.6
-77.5°	583.3	553.4	518.5	483.6	468.6	453.7	433.7	408.8	388.9	354.0	304.1
-80°	538.4	513.5	488.6	463.6	438.7	403.8	363.9	324.0	304.1	289.1	284.2
-82.5°	443.7	413.8	383.9	358.9	324.0	299.1	274.2	254.3	254.3	249.3	244.3
-85°	254.3	244.3	229.3	219.4	209.4	194.4	179.5	169.5	164.5	159.5	154.5
-87.5°	129.6	124.6	114.7	109.7	104.7	99.7	89.7	84.8	79.8	79.8	74.8
-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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CATALOG NUMBER: IFLD-L-SA7D-727-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°	24.9	24.9	19.9	19.9	19.9	15.0	10.0	10.0	5.0	5.0	0.0
85°	59.8	49.9	44.9	39.9	39.9	29.9	19.9	15.0	10.0	5.0	5.0
82.5°	114.7	99.7	84.8	74.8	59.8	44.9	34.9	24.9	15.0	10.0	5.0
80°	129.6	129.6	124.6	104.7	84.8	64.8	44.9	29.9	19.9	15.0	10.0
77.5°	99.7	109.7	109.7	109.7	104.7	79.8	54.8	34.9	19.9	15.0	10.0
75°	114.7	99.7	94.7	99.7	94.7	79.8	64.8	39.9	24.9	19.9	10.0
72.5°	139.6	119.6	104.7	99.7	89.7	74.8	59.8	44.9	24.9	19.9	15.0
70°	129.6	124.6	114.7	104.7	89.7	74.8	59.8	44.9	29.9	19.9	15.0
67.5°	114.7	114.7	114.7	104.7	89.7	69.8	54.8	39.9	29.9	19.9	15.0
65°	79.8	94.7	104.7	99.7	89.7	69.8	54.8	39.9	29.9	24.9	15.0
62.5°	49.9	64.8	84.8	94.7	84.8	69.8	49.9	39.9	29.9	24.9	15.0
60°	44.9	49.9	59.8	74.8	79.8	64.8	49.9	34.9	29.9	24.9	15.0
57.5°	44.9	44.9	49.9	59.8	64.8	59.8	44.9	29.9	29.9	24.9	19.9
55°	49.9	44.9	44.9	49.9	54.8	54.8	44.9	29.9	29.9	24.9	19.9
52.5°	59.8	49.9	44.9	44.9	44.9	49.9	39.9	29.9	29.9	24.9	19.9
50°	74.8	59.8	54.8	44.9	44.9	44.9	39.9	29.9	24.9	24.9	19.9
47.5°	99.7	79.8	59.8	54.8	44.9	39.9	34.9	29.9	24.9	24.9	19.9
45°	149.6	94.7	79.8	59.8	49.9	44.9	39.9	29.9	24.9	24.9	19.9
42.5°	204.4	139.6	99.7	69.8	54.8	44.9	39.9	34.9	24.9	24.9	19.9
40°	259.2	189.4	124.6	89.7	64.8	49.9	39.9	34.9	29.9	24.9	19.9
37.5°	319.1	234.3	164.5	114.7	74.8	54.8	44.9	34.9	29.9	24.9	19.9
35°	393.8	294.1	204.4	139.6	89.7	64.8	49.9	34.9	29.9	24.9	19.9
32.5°	478.6	349.0	244.3	169.5	114.7	79.8	54.8	39.9	29.9	24.9	19.9
30°	558.4	413.8	289.1	204.4	139.6	89.7	59.8	39.9	29.9	24.9	15.0
27.5°	638.1	478.6	344.0	239.3	169.5	104.7	64.8	44.9	29.9	24.9	19.9
25°	717.9	543.4	398.8	274.2	194.4	124.6	79.8	49.9	29.9	24.9	19.9
22.5°	787.7	608.2	448.7	314.1	224.3	144.6	89.7	54.8	34.9	24.9	19.9
20°	867.4	678.0	503.5	358.9	249.3	164.5	99.7	59.8	34.9	24.9	19.9
17.5°	942.2	747.8	558.4	398.8	279.2	184.5	114.7	64.8	39.9	24.9	19.9
15°	1017.0	812.6	608.2	438.7	309.1	204.4	124.6	69.8	44.9	24.9	19.9
12.5°	1086.8	872.4	653.1	473.6	334.0	224.3	134.6	74.8	49.9	24.9	19.9
10°	1151.6	927.3	697.9	503.5	358.9	239.3	144.6	84.8	54.8	24.9	19.9
7.5°	1216.4	972.1	732.8	533.4	388.9	259.2	154.5	89.7	59.8	29.9	19.9
5°	1256.3	1012.0	762.8	558.4	413.8	279.2	164.5	94.7	64.8	29.9	19.9
2.5°	1291.2	1041.9	782.7	583.3	438.7	294.1	164.5	99.7	69.8	29.9	19.9
0°	1311.1	1061.9	797.7	598.2	458.6	304.1	169.5	104.7	74.8	29.9	19.9
-2.5°	1356.0	1096.8	832.5	618.2	478.6	334.0	179.5	109.7	79.8	34.9	19.9
-5°	1385.9	1116.7	857.5	638.1	493.5	363.9	194.4	119.6	89.7	44.9	24.9
-7.5°	1410.8	1136.7	877.4	648.1	508.5	373.9	199.4	124.6	94.7	49.9	24.9
-10°	1415.8	1146.6	892.4	663.0	518.5	388.9	204.4	129.6	99.7	54.8	24.9
-12.5°	1420.8	1156.6	897.4	673.0	528.4	398.8	209.4	134.6	104.7	59.8	24.9
-15°	1415.8	1151.6	897.4	683.0	533.4	388.9	219.4	139.6	109.7	64.8	24.9
-17.5°	1405.9	1146.6	892.4	678.0	528.4	378.9	224.3	149.6	109.7	69.8	29.9
-20°	1390.9	1131.7	882.4	673.0	523.5	368.9	229.3	154.5	114.7	69.8	29.9



REPORT NUMBER: P723656

CATALOG NUMBER: IFLD-L-SA7D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1366.0	1106.7	862.5	658.1	513.5	358.9	229.3	164.5	119.6	69.8	29.9
-25°	1336.1	1081.8	842.5	638.1	498.5	344.0	229.3	169.5	124.6	69.8	29.9
-27.5°	1301.2	1056.9	812.6	623.2	478.6	334.0	229.3	174.5	129.6	69.8	29.9
-30°	1261.3	1022.0	787.7	598.2	463.6	334.0	234.3	179.5	134.6	69.8	29.9
-32.5°	1221.4	987.1	757.8	578.3	443.7	329.0	234.3	184.5	139.6	64.8	34.9
-35°	1176.5	947.2	732.8	563.3	428.7	319.1	239.3	184.5	134.6	64.8	34.9
-37.5°	1121.7	897.4	707.9	548.4	418.8	309.1	239.3	189.4	129.6	64.8	34.9
-40°	1061.9	857.5	678.0	528.4	403.8	304.1	239.3	189.4	124.6	64.8	39.9
-42.5°	997.1	812.6	648.1	508.5	388.9	299.1	239.3	189.4	119.6	64.8	39.9
-45°	937.2	767.7	613.2	483.6	373.9	299.1	239.3	184.5	109.7	69.8	39.9
-47.5°	872.4	717.9	573.3	458.6	368.9	294.1	234.3	174.5	99.7	69.8	39.9
-50°	817.6	668.0	543.4	433.7	358.9	299.1	239.3	159.5	99.7	69.8	39.9
-52.5°	762.8	633.1	508.5	423.8	349.0	304.1	234.3	149.6	99.7	69.8	39.9
-55°	717.9	598.2	488.6	408.8	358.9	314.1	224.3	134.6	99.7	69.8	39.9
-57.5°	683.0	578.3	473.6	413.8	373.9	304.1	209.4	129.6	99.7	64.8	39.9
-60°	658.1	558.4	478.6	433.7	378.9	289.1	199.4	129.6	99.7	64.8	34.9
-62.5°	638.1	563.3	503.5	448.7	358.9	269.2	189.4	129.6	89.7	59.8	34.9
-65°	643.1	583.3	513.5	428.7	344.0	249.3	174.5	124.6	84.8	54.8	34.9
-67.5°	658.1	568.3	483.6	403.8	309.1	224.3	159.5	114.7	79.8	54.8	34.9
-70°	608.2	523.5	438.7	344.0	264.2	194.4	149.6	104.7	69.8	49.9	34.9
-72.5°	548.4	438.7	349.0	279.2	224.3	179.5	134.6	94.7	64.8	44.9	29.9
-75°	398.8	319.1	259.2	234.3	199.4	159.5	119.6	84.8	59.8	44.9	29.9
-77.5°	284.2	264.2	239.3	214.4	179.5	139.6	104.7	79.8	54.8	39.9	24.9
-80°	279.2	254.3	224.3	184.5	149.6	119.6	89.7	69.8	49.9	34.9	19.9
-82.5°	234.3	199.4	169.5	139.6	114.7	94.7	74.8	54.8	39.9	24.9	15.0
-85°	144.6	124.6	109.7	94.7	79.8	64.8	49.9	34.9	24.9	15.0	10.0
-87.5°	69.8	64.8	54.8	44.9	39.9	29.9	24.9	19.9	15.0	10.0	5.0
-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-L-SA7D-727-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°	5.0	0.0	0.0	0.0
80°	5.0	0.0	0.0	0.0
77.5°	5.0	0.0	0.0	0.0
75°	5.0	5.0	0.0	0.0
72.5°	5.0	5.0	0.0	0.0
70°	10.0	5.0	5.0	0.0
67.5°	10.0	5.0	5.0	0.0
65°	10.0	5.0	5.0	0.0
62.5°	10.0	5.0	5.0	0.0
60°	10.0	5.0	5.0	0.0
57.5°	10.0	5.0	5.0	0.0
55°	10.0	5.0	5.0	0.0
52.5°	10.0	5.0	5.0	0.0
50°	10.0	5.0	5.0	0.0
47.5°	10.0	10.0	5.0	0.0
45°	10.0	10.0	5.0	0.0
42.5°	10.0	10.0	5.0	0.0
40°	10.0	10.0	5.0	0.0
37.5°	10.0	10.0	5.0	0.0
35°	10.0	10.0	5.0	0.0
32.5°	15.0	10.0	5.0	0.0
30°	15.0	10.0	10.0	0.0
27.5°	15.0	10.0	10.0	0.0
25°	15.0	10.0	10.0	0.0
22.5°	15.0	10.0	10.0	0.0
20°	15.0	10.0	10.0	0.0
17.5°	15.0	10.0	10.0	0.0
15°	15.0	10.0	10.0	0.0
12.5°	15.0	10.0	10.0	0.0
10°	15.0	10.0	10.0	0.0
7.5°	15.0	10.0	10.0	0.0
5°	15.0	10.0	10.0	0.0
2.5°	15.0	10.0	10.0	0.0
0°	15.0	10.0	10.0	0.0
-2.5°	15.0	10.0	10.0	0.0
-5°	15.0	10.0	10.0	0.0
-7.5°	15.0	10.0	10.0	0.0
-10°	15.0	10.0	10.0	0.0
-12.5°	19.9	10.0	10.0	0.0
-15°	19.9	10.0	10.0	0.0
-17.5°	19.9	10.0	10.0	0.0
-20°	19.9	10.0	10.0	0.0

REPORT NUMBER: P723656

CATALOG NUMBER: IFLD-L-SA7D-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	19.9	10.0	10.0	0.0
-25°	19.9	10.0	10.0	0.0
-27.5°	19.9	10.0	10.0	0.0
-30°	19.9	10.0	10.0	0.0
-32.5°	19.9	10.0	10.0	0.0
-35°	19.9	10.0	10.0	0.0
-37.5°	19.9	10.0	10.0	0.0
-40°	19.9	10.0	10.0	0.0
-42.5°	15.0	10.0	5.0	0.0
-45°	19.9	10.0	5.0	0.0
-47.5°	19.9	10.0	5.0	0.0
-50°	19.9	10.0	5.0	0.0
-52.5°	19.9	10.0	5.0	0.0
-55°	19.9	10.0	5.0	0.0
-57.5°	19.9	10.0	5.0	0.0
-60°	19.9	10.0	5.0	0.0
-62.5°	19.9	10.0	5.0	0.0
-65°	19.9	10.0	5.0	0.0
-67.5°	19.9	10.0	5.0	0.0
-70°	19.9	5.0	5.0	0.0
-72.5°	15.0	5.0	5.0	0.0
-75°	15.0	5.0	5.0	0.0
-77.5°	10.0	5.0	0.0	0.0
-80°	10.0	5.0	0.0	0.0
-82.5°	10.0	5.0	0.0	0.0
-85°	5.0	0.0	0.0	0.0
-87.5°	5.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)