

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: P723861

Luminaire Tested: **IFLD-L-SA8A-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723861
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (128) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	14410 lumens	Max Intensity:	339015.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.2 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:	5225.6 lumens	Field Lumens:	8330.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

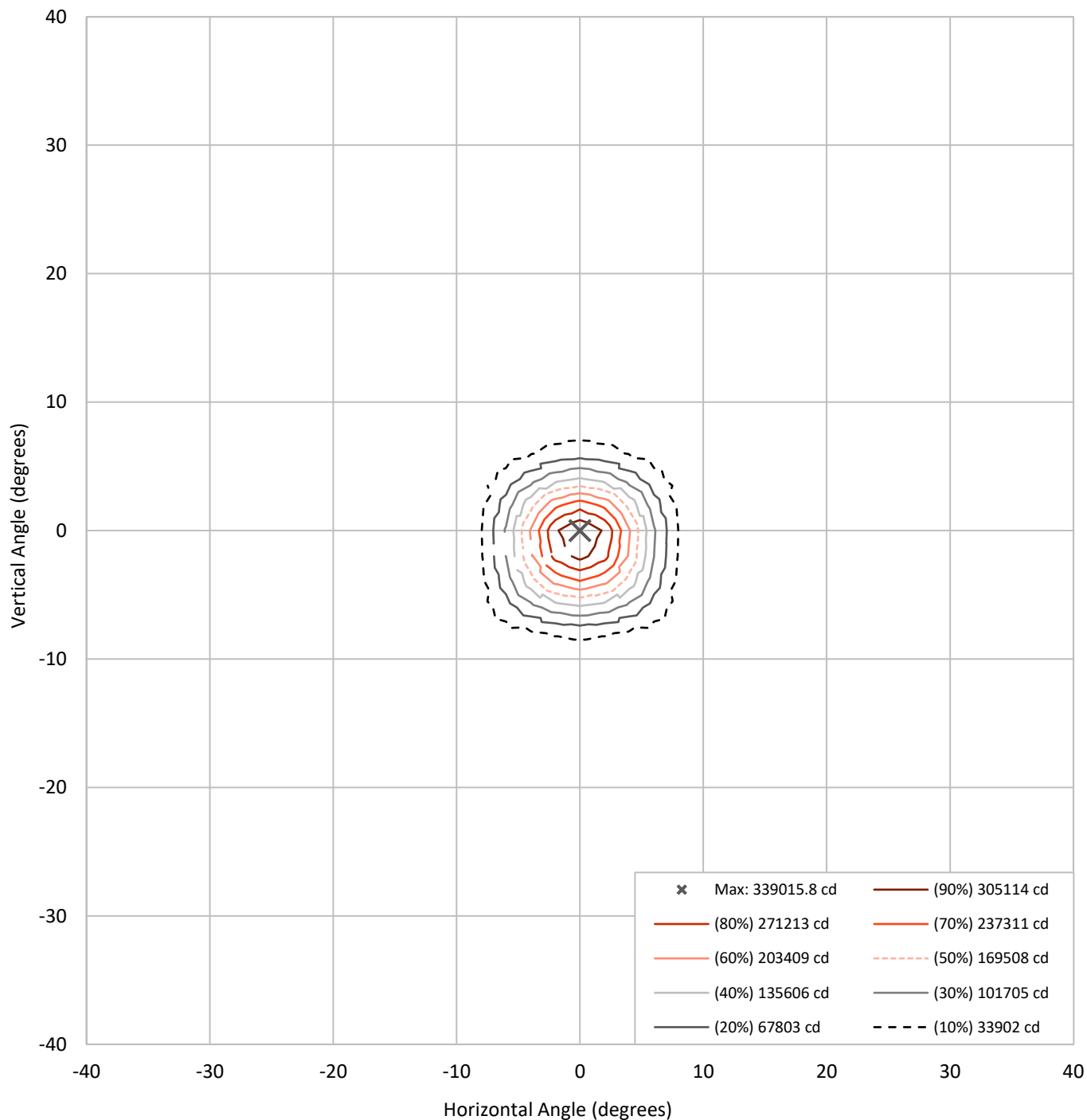
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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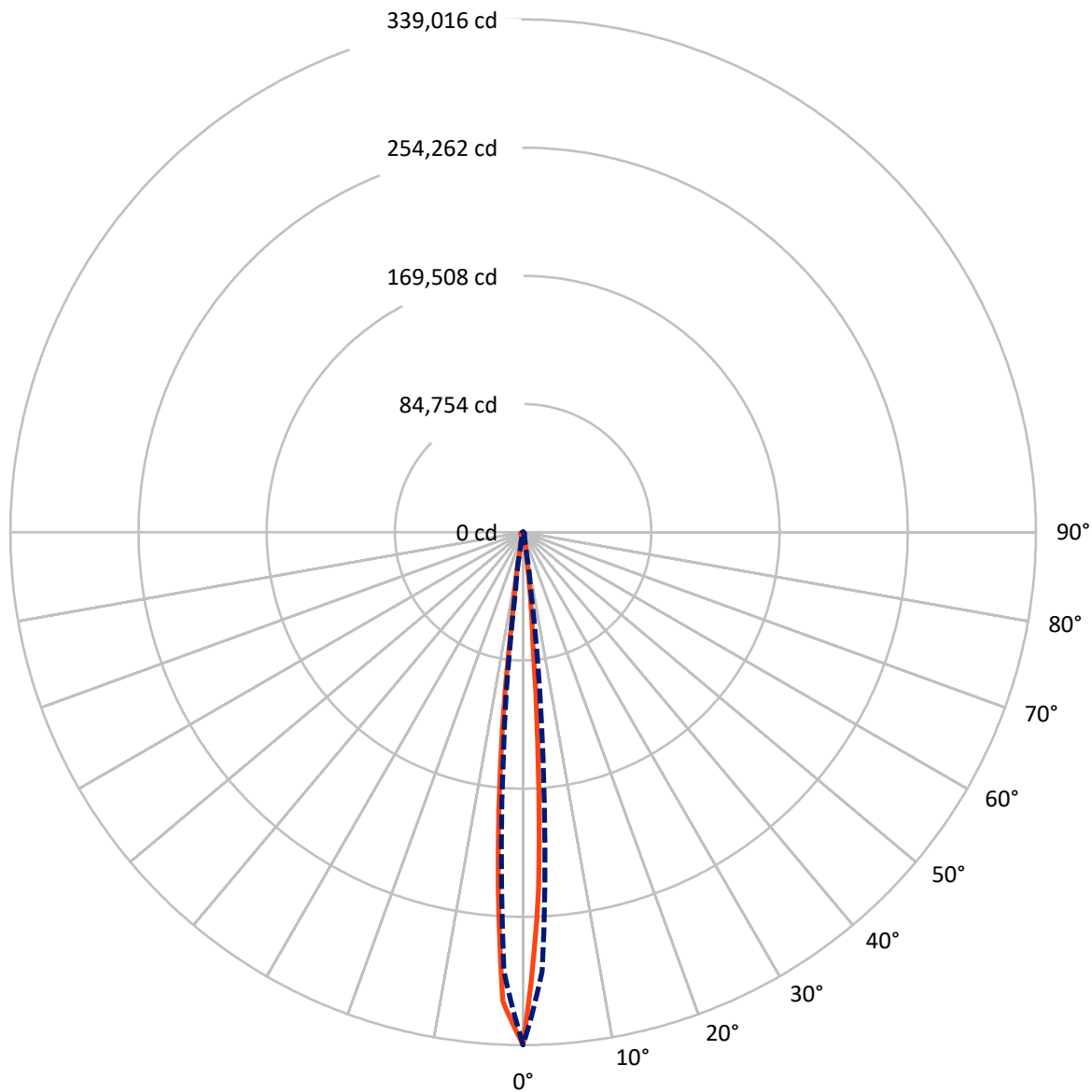
Lumen Table

90																			
80	0.2		3.2		3.5		1.3		0.4		1.3		3.5		3.2		0.2		
70	0.4		0.7	0.9	0.7	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.7	0.9	0.7	0.4		
60			0.5	0.7	1.7	3.7	6.1	7.8	8.9	8.9	7.8	6.1	3.7	1.7	0.7	0.5			
50	0.4		0.5	2.0	6.6	12.9	18.9	22.7	25.2	25.2	22.7	18.9	12.9	6.6	2.0	0.5	0.4		
40			1.0	5.0	13.5	21.9	25.7	27.8	28.8	28.8	27.8	25.7	21.9	13.5	5.0	1.0			
30	0.6		1.9	8.5	19.6	25.4	26.1	30.8	37.1	37.1	30.8	26.1	25.4	19.6	8.5	1.9	0.6		
20			2.9	12.0	24.1	27.1	30.5	53.7	91.5	91.5	53.7	30.5	27.1	24.1	12.0	2.9			
10	1.0		3.8	14.7	26.5	28.1	37.7	102.1	1891.7	1891.7	102.1	37.7	28.1	26.5	14.7	3.8	1.0		
0			4.5	16.1	27.8	29.1	39.0	110.0	2758.2	2758.2	110.0	39.0	29.1	27.8	16.1	4.5			
-10	1.4		4.8	16.5	29.3	31.5	35.2	63.9	122.7	122.7	63.9	35.2	31.5	29.3	16.5	4.8	1.4		
-20			4.5	15.7	29.7	35.4	35.4	41.4	50.5	50.5	41.4	35.4	35.4	29.7	15.7	4.5			
-30	1.5		4.0	13.9	28.4	38.9	42.4	44.1	44.5	44.5	44.1	42.4	38.9	28.4	13.9	4.0	1.5		
-40			3.5	11.2	24.1	37.5	45.6	51.1	53.6	53.6	51.1	45.6	37.5	24.1	11.2	3.5			
-50	1.2		3.2	8.6	18.7	32.0	43.0	49.9	52.8	52.8	49.9	43.0	32.0	18.7	8.6	3.2	1.2		
-60			2.9	7.6	15.2	26.7	37.6	45.5	49.1	49.1	45.5	37.6	26.7	15.2	7.6	2.9			
-70	0.6		3.2	8.6	18.7	32.0	43.0	49.9	52.8	52.8	49.9	43.0	32.0	18.7	8.6	3.2	1.2		
-80			2.9	7.6	15.2	26.7	37.6	45.5	49.1	49.1	45.5	37.6	26.7	15.2	7.6	2.9			
-90	0.6		8.9		26.5		49.2		54.3		49.2		26.5		8.9		0.6		
	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



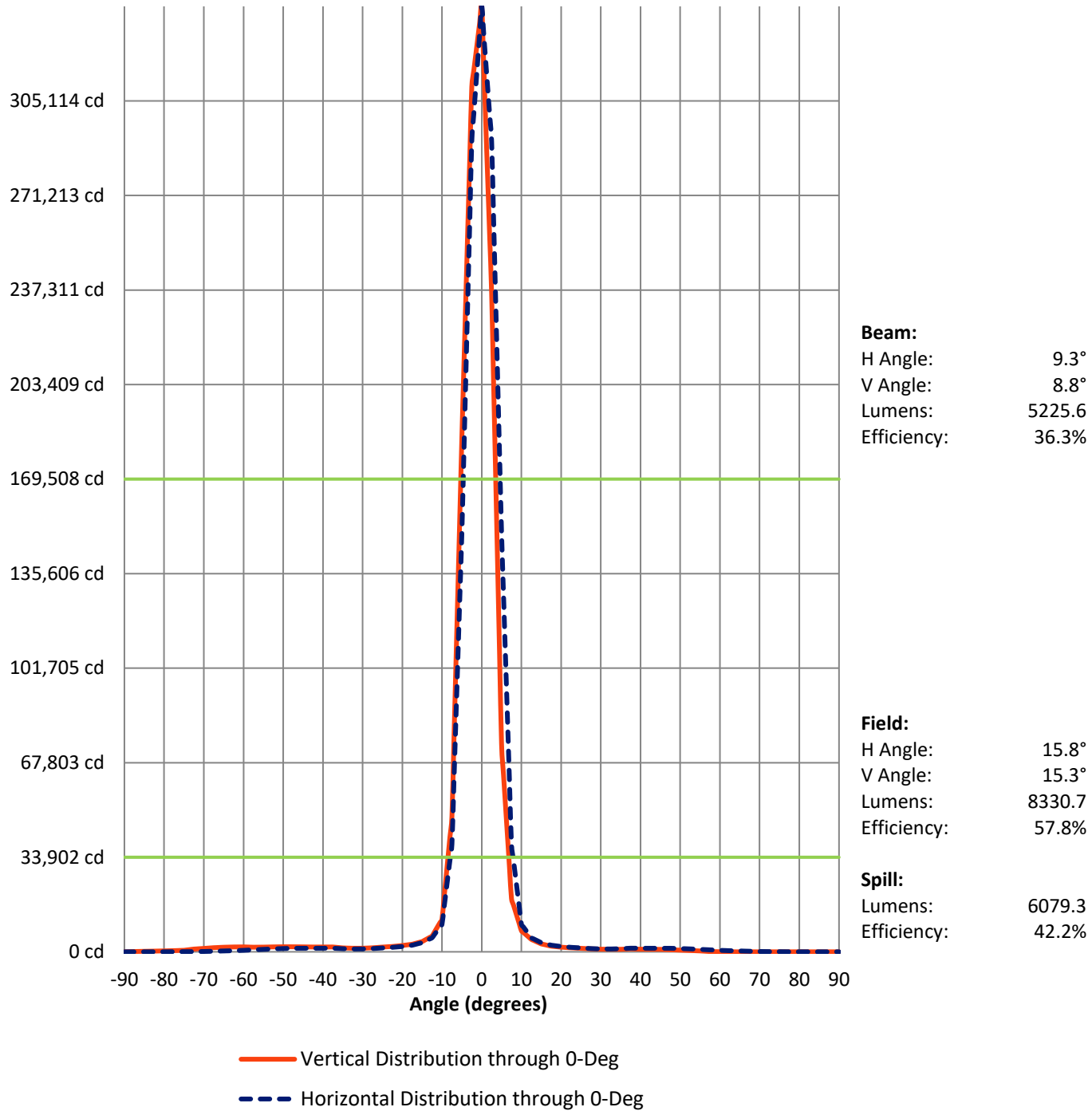
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



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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	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	6.7	6.7	6.7	10.0	13.3	16.6	16.6	20.0
82.5°	0.0	3.3	3.3	6.7	6.7	10.0	10.0	16.6	20.0	23.3	29.9
80°	3.3	3.3	3.3	6.7	6.7	10.0	10.0	13.3	16.6	23.3	26.6
77.5°	0.0	3.3	3.3	3.3	6.7	6.7	6.7	10.0	13.3	16.6	20.0
75°	0.0	3.3	3.3	3.3	6.7	6.7	6.7	6.7	10.0	10.0	13.3
72.5°	0.0	0.0	0.0	3.3	3.3	6.7	6.7	6.7	10.0	10.0	10.0
70°	0.0	0.0	0.0	3.3	3.3	6.7	6.7	6.7	10.0	10.0	10.0
67.5°	0.0	0.0	0.0	3.3	3.3	6.7	6.7	6.7	10.0	10.0	10.0
65°	0.0	0.0	0.0	3.3	3.3	6.7	6.7	10.0	10.0	10.0	10.0
62.5°	3.3	3.3	3.3	6.7	10.0	10.0	13.3	16.6	16.6	16.6	16.6
60°	33.3	36.6	39.9	39.9	36.6	36.6	39.9	39.9	39.9	39.9	39.9
57.5°	89.8	96.5	99.8	99.8	99.8	96.5	109.8	113.1	99.8	93.1	103.1
55°	312.7	322.7	316.0	306.0	286.1	262.8	256.1	252.8	256.1	239.5	212.9
52.5°	455.7	465.7	462.4	455.7	442.4	425.8	412.5	399.2	385.9	359.3	329.3
50°	592.1	595.4	592.1	585.5	572.2	555.5	528.9	499.0	472.4	465.7	439.1
47.5°	745.1	755.1	755.1	751.8	741.8	711.9	672.0	628.7	608.7	602.1	575.5
45°	881.5	888.2	891.5	894.8	891.5	861.6	825.0	801.7	758.4	745.1	745.1
42.5°	918.1	921.4	924.8	928.1	938.1	914.8	884.8	844.9	834.9	831.6	825.0
40°	931.4	924.8	928.1	931.4	934.7	918.1	894.8	871.5	864.9	858.2	858.2
37.5°	1057.8	1027.9	1004.6	984.6	968.0	951.4	928.1	908.1	891.5	878.2	891.5
35°	901.5	901.5	924.8	944.7	964.7	984.6	988.0	964.7	928.1	911.5	934.7
32.5°	921.4	921.4	921.4	928.1	934.7	951.4	968.0	978.0	1004.6	974.7	974.7
30°	941.4	944.7	951.4	954.7	944.7	938.1	931.4	931.4	948.0	991.3	1014.6
27.5°	1057.8	1057.8	1047.8	1034.5	1004.6	958.0	934.7	901.5	904.8	924.8	981.3
25°	1247.4	1240.8	1217.5	1184.2	1131.0	1064.5	1001.3	931.4	901.5	891.5	914.8
22.5°	1427.1	1417.1	1387.1	1357.2	1314.0	1247.4	1141.0	1034.5	941.4	901.5	891.5
20°	1656.6	1633.3	1600.0	1553.5	1483.6	1417.1	1323.9	1184.2	1047.8	944.7	904.8
17.5°	2025.8	1995.9	1932.7	1849.5	1729.8	1626.7	1493.6	1360.5	1207.5	1041.2	951.4
15°	2834.2	2757.7	2647.9	2418.4	2182.2	1985.9	1786.3	1563.4	1407.1	1187.6	1051.2
12.5°	4457.5	4247.9	3928.6	3393.0	2864.1	2408.4	2085.7	1799.6	1546.8	1343.9	1151.0
10°	7544.5	7095.4	6213.9	4750.2	3775.6	2937.3	2358.5	1975.9	1656.6	1447.0	1234.1
7.5°	19080.7	15564.6	11014.0	7521.2	4939.8	3589.3	2697.8	2142.3	1773.0	1513.6	1300.7
5°	74367.0	61260.6	32679.4	13638.6	7431.4	4341.1	3003.8	2275.3	1849.5	1563.4	1350.6
2.5°	236017.7	203817.3	106933.3	29359.6	9124.6	4889.9	3213.4	2358.5	1892.8	1600.0	1387.1
0°	339015.8	290548.8	150074.5	38613.9	9896.3	5029.7	3279.9	2375.1	1899.4	1606.7	1387.1
-2.5°	310141.8	271434.8	144971.7	35932.7	10112.5	5069.6	3333.1	2431.7	1949.3	1636.6	1397.1
-5°	184284.1	161644.1	101128.6	25620.6	8984.8	4707.0	3193.4	2381.8	1916.1	1620.0	1390.5
-7.5°	48553.4	42033.5	27649.8	13369.2	5814.7	3981.8	2934.0	2298.6	1872.8	1590.1	1363.9
-10°	11705.9	11093.8	9909.6	6074.2	4527.4	3326.5	2601.3	2148.9	1786.3	1550.1	1320.6
-12.5°	5645.1	5512.0	5003.0	4124.8	3359.8	2764.3	2355.2	1992.6	1706.5	1480.3	1260.7
-15°	3672.4	3595.9	3423.0	3087.0	2697.8	2411.7	2125.6	1832.9	1606.7	1377.2	1210.8
-17.5°	2717.7	2714.4	2627.9	2501.5	2308.6	2095.7	1886.1	1699.8	1480.3	1284.0	1157.6
-20°	2252.0	2252.0	2202.1	2119.0	1982.6	1842.9	1703.2	1530.2	1350.6	1204.2	1151.0

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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°	1912.7	1916.1	1889.4	1836.2	1763.0	1646.6	1510.2	1370.5	1240.8	1187.6	1170.9
-25°	1693.2	1686.5	1656.6	1606.7	1530.2	1437.0	1347.2	1254.1	1217.5	1204.2	1227.5
-27.5°	1433.7	1443.7	1430.4	1407.1	1357.2	1290.7	1270.7	1244.1	1250.8	1270.7	1360.5
-30°	1280.7	1290.7	1304.0	1314.0	1297.3	1280.7	1287.4	1307.3	1350.6	1427.1	1460.3
-32.5°	1280.7	1284.0	1304.0	1323.9	1333.9	1347.2	1383.8	1450.3	1513.6	1493.6	1486.9
-35°	1397.1	1387.1	1413.8	1440.4	1477.0	1523.5	1563.4	1550.1	1526.9	1520.2	1526.9
-37.5°	1729.8	1666.6	1640.0	1623.3	1613.3	1606.7	1596.7	1586.7	1576.8	1570.1	1580.1
-40°	1726.4	1709.8	1693.2	1679.9	1669.9	1656.6	1649.9	1646.6	1636.6	1630.0	1623.3
-42.5°	1719.8	1726.4	1726.4	1723.1	1726.4	1723.1	1713.1	1699.8	1683.2	1669.9	1656.6
-45°	1769.7	1773.0	1779.7	1786.3	1796.3	1783.0	1763.0	1739.8	1716.5	1696.5	1679.9
-47.5°	1799.6	1803.0	1809.6	1819.6	1826.2	1812.9	1786.3	1756.4	1719.8	1686.5	1653.3
-50°	1809.6	1819.6	1822.9	1822.9	1819.6	1803.0	1763.0	1719.8	1679.9	1646.6	1616.7
-52.5°	1763.0	1773.0	1776.3	1769.7	1766.4	1749.7	1713.1	1673.2	1630.0	1606.7	1580.1
-55°	1686.5	1699.8	1709.8	1709.8	1709.8	1706.5	1673.2	1636.6	1603.4	1576.8	1550.1
-57.5°	1656.6	1679.9	1699.8	1703.2	1706.5	1709.8	1686.5	1649.9	1610.0	1570.1	1536.8
-60°	1766.4	1786.3	1796.3	1783.0	1773.0	1763.0	1726.4	1683.2	1643.3	1603.4	1540.2
-62.5°	1736.4	1769.7	1786.3	1776.3	1763.0	1746.4	1706.5	1656.6	1610.0	1566.8	1503.6
-65°	1640.0	1669.9	1689.9	1673.2	1653.3	1630.0	1593.4	1546.8	1503.6	1460.3	1403.8
-67.5°	1477.0	1520.2	1553.5	1516.9	1490.3	1460.3	1430.4	1390.5	1347.2	1297.3	1244.1
-70°	1220.8	1254.1	1284.0	1274.0	1267.4	1260.7	1240.8	1200.9	1164.3	1124.4	1077.8
-72.5°	981.3	1011.3	1037.9	1021.2	1007.9	988.0	958.0	914.8	871.5	828.3	785.1
-75°	542.2	552.2	562.2	558.9	558.9	558.9	558.9	562.2	555.5	545.5	525.6
-77.5°	415.8	429.1	439.1	445.7	455.7	469.0	479.0	462.4	445.7	429.1	409.2
-80°	326.0	339.3	349.3	385.9	412.5	442.4	462.4	439.1	415.8	395.9	379.2
-82.5°	246.2	256.1	266.1	286.1	299.4	316.0	329.3	329.3	326.0	322.7	312.7
-85°	179.6	192.9	206.2	212.9	222.9	222.9	226.2	212.9	199.6	189.6	176.3
-87.5°	103.1	106.4	106.4	106.4	109.8	109.8	109.8	103.1	99.8	93.1	89.8
-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):

	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°	3.3	3.3	3.3	6.7	6.7	10.0	10.0	13.3	13.3	16.6	16.6
85°	20.0	20.0	20.0	23.3	23.3	26.6	29.9	33.3	36.6	36.6	39.9
82.5°	33.3	36.6	39.9	43.2	46.6	49.9	53.2	56.6	66.5	73.2	76.5
80°	33.3	36.6	46.6	53.2	59.9	66.5	66.5	66.5	66.5	69.9	76.5
77.5°	23.3	26.6	29.9	36.6	53.2	66.5	76.5	83.2	76.5	73.2	66.5
75°	13.3	16.6	20.0	23.3	33.3	46.6	63.2	79.8	93.1	89.8	83.2
72.5°	13.3	13.3	16.6	20.0	23.3	26.6	29.9	46.6	66.5	83.2	93.1
70°	13.3	16.6	16.6	20.0	23.3	26.6	29.9	36.6	46.6	66.5	86.5
67.5°	13.3	16.6	16.6	23.3	29.9	33.3	36.6	33.3	29.9	43.2	63.2
65°	13.3	13.3	16.6	20.0	23.3	26.6	36.6	36.6	33.3	33.3	33.3
62.5°	20.0	20.0	20.0	20.0	23.3	23.3	23.3	29.9	29.9	29.9	29.9
60°	39.9	36.6	36.6	36.6	36.6	29.9	29.9	29.9	26.6	29.9	26.6
57.5°	96.5	79.8	73.2	73.2	63.2	59.9	49.9	36.6	36.6	29.9	29.9
55°	196.3	186.3	156.3	129.7	116.4	103.1	79.8	66.5	49.9	39.9	36.6
52.5°	302.7	276.1	249.5	216.2	183.0	156.3	133.1	103.1	83.2	59.9	46.6
50°	395.9	372.6	342.6	306.0	262.8	229.5	196.3	156.3	123.1	93.1	66.5
47.5°	538.9	492.3	455.7	412.5	362.6	316.0	272.8	226.2	173.0	136.4	103.1
45°	691.9	625.4	575.5	535.6	469.0	405.8	355.9	306.0	242.8	179.6	139.7
42.5°	798.4	748.5	681.9	628.7	568.8	502.3	435.8	382.5	316.0	242.8	179.6
40°	854.9	821.6	768.4	721.8	658.6	585.5	515.6	462.4	392.5	312.7	226.2
37.5°	898.2	881.5	854.9	818.3	758.4	672.0	602.1	538.9	479.0	385.9	292.7
35°	948.0	944.7	928.1	911.5	861.6	778.4	695.2	622.1	548.9	462.4	359.3
32.5°	994.6	991.3	981.3	974.7	954.7	881.5	791.7	708.5	625.4	535.6	422.5
30°	1017.9	1011.3	1011.3	1017.9	997.9	951.4	884.8	795.0	701.9	595.4	489.0
27.5°	1017.9	1011.3	1014.6	1024.6	1021.2	997.9	948.0	874.9	771.7	652.0	548.9
25°	974.7	1007.9	1007.9	1021.2	1024.6	1017.9	991.3	944.7	838.3	711.9	595.4
22.5°	914.8	994.6	1024.6	1021.2	1024.6	1041.2	1044.5	1001.3	901.5	771.7	642.0
20°	914.8	971.3	1057.8	1034.5	1041.2	1077.8	1094.4	1057.8	968.0	828.3	688.6
17.5°	934.7	971.3	1044.5	1081.1	1091.1	1121.0	1147.6	1124.4	1027.9	888.2	751.8
15°	991.3	984.6	1034.5	1124.4	1141.0	1164.3	1194.2	1167.6	1081.1	954.7	811.7
12.5°	1031.2	994.6	1034.5	1131.0	1184.2	1207.5	1217.5	1197.5	1127.7	1014.6	871.5
10°	1084.4	1021.2	1041.2	1124.4	1200.9	1217.5	1227.5	1220.8	1170.9	1064.5	924.8
7.5°	1124.4	1034.5	1034.5	1114.4	1217.5	1230.8	1237.5	1244.1	1207.5	1107.7	971.3
5°	1141.0	1034.5	1027.9	1104.4	1234.1	1247.4	1247.4	1257.4	1234.1	1141.0	1004.6
2.5°	1144.3	1031.2	1021.2	1097.7	1264.1	1264.1	1257.4	1267.4	1254.1	1160.9	1027.9
0°	1160.9	1027.9	1017.9	1107.7	1297.3	1284.0	1267.4	1270.7	1264.1	1170.9	1041.2
-2.5°	1160.9	1044.5	1031.2	1114.4	1294.0	1290.7	1284.0	1287.4	1280.7	1200.9	1067.8
-5°	1177.6	1067.8	1054.5	1144.3	1290.7	1300.7	1304.0	1304.0	1294.0	1220.8	1084.4
-7.5°	1180.9	1084.4	1081.1	1174.3	1297.3	1314.0	1323.9	1330.6	1310.6	1234.1	1097.7
-10°	1164.3	1091.1	1107.7	1210.8	1304.0	1327.3	1347.2	1357.2	1323.9	1240.8	1104.4
-12.5°	1127.7	1091.1	1134.3	1257.4	1320.6	1347.2	1377.2	1380.5	1337.2	1244.1	1107.7
-15°	1124.4	1117.7	1180.9	1304.0	1330.6	1363.9	1410.4	1400.5	1347.2	1244.1	1107.7
-17.5°	1121.0	1154.3	1250.8	1320.6	1347.2	1383.8	1420.4	1410.4	1353.9	1244.1	1101.1
-20°	1151.0	1214.2	1333.9	1337.2	1367.2	1407.1	1427.1	1407.1	1343.9	1234.1	1091.1

REPORT NUMBER: P723861

CATALOG NUMBER: IFLD-L-SA8A-830-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°	1200.9	1320.6	1360.5	1373.8	1400.5	1430.4	1440.4	1410.4	1333.9	1217.5	1074.5
-25°	1327.3	1387.1	1387.1	1417.1	1443.7	1457.0	1447.0	1413.8	1320.6	1200.9	1057.8
-27.5°	1423.7	1420.4	1437.0	1467.0	1490.3	1490.3	1463.7	1397.1	1300.7	1184.2	1034.5
-30°	1460.3	1463.7	1486.9	1520.2	1526.9	1510.2	1470.3	1383.8	1284.0	1157.6	1004.6
-32.5°	1496.9	1510.2	1540.2	1556.8	1560.1	1526.9	1453.7	1360.5	1257.4	1127.7	971.3
-35°	1540.2	1566.8	1583.4	1586.7	1570.1	1513.6	1430.4	1330.6	1217.5	1084.4	941.4
-37.5°	1596.7	1610.0	1620.0	1606.7	1560.1	1493.6	1390.5	1290.7	1180.9	1037.9	898.2
-40°	1633.3	1640.0	1643.3	1600.0	1543.5	1447.0	1347.2	1244.1	1117.7	984.6	851.6
-42.5°	1656.6	1649.9	1623.3	1576.8	1493.6	1400.5	1304.0	1187.6	1061.1	931.4	801.7
-45°	1649.9	1626.7	1586.7	1530.2	1443.7	1350.6	1237.5	1121.0	1001.3	874.9	745.1
-47.5°	1623.3	1586.7	1536.8	1470.3	1390.5	1277.4	1164.3	1051.2	934.7	811.7	691.9
-50°	1590.1	1546.8	1486.9	1403.8	1297.3	1194.2	1091.1	981.3	861.6	748.5	642.0
-52.5°	1553.5	1506.9	1430.4	1337.2	1220.8	1114.4	1014.6	908.1	798.4	691.9	598.8
-55°	1513.6	1467.0	1380.5	1274.0	1157.6	1041.2	944.7	854.9	748.5	645.3	562.2
-57.5°	1493.6	1433.7	1343.9	1237.5	1114.4	994.6	911.5	815.0	718.5	612.1	532.2
-60°	1477.0	1417.1	1333.9	1210.8	1094.4	981.3	884.8	791.7	688.6	588.8	509.0
-62.5°	1430.4	1367.2	1290.7	1170.9	1057.8	954.7	868.2	758.4	658.6	565.5	492.3
-65°	1337.2	1270.7	1204.2	1097.7	994.6	898.2	811.7	711.9	618.7	538.9	475.7
-67.5°	1190.9	1134.3	1074.5	984.6	898.2	811.7	731.8	645.3	568.8	512.3	479.0
-70°	1027.9	968.0	908.1	834.9	761.8	691.9	628.7	565.5	515.6	485.7	459.1
-72.5°	748.5	721.8	691.9	635.4	575.5	532.2	502.3	475.7	439.1	412.5	395.9
-75°	499.0	462.4	415.8	395.9	399.2	392.5	375.9	355.9	339.3	329.3	306.0
-77.5°	389.2	369.2	346.0	322.7	312.7	302.7	289.4	272.8	259.5	236.2	202.9
-80°	359.3	342.6	326.0	309.4	292.7	269.4	242.8	216.2	202.9	192.9	189.6
-82.5°	296.1	276.1	256.1	239.5	216.2	199.6	183.0	169.7	169.7	166.3	163.0
-85°	169.7	163.0	153.0	146.4	139.7	129.7	119.8	113.1	109.8	106.4	103.1
-87.5°	86.5	83.2	76.5	73.2	69.9	66.5	59.9	56.6	53.2	53.2	49.9
-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-SA8A-830-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°	16.6	16.6	13.3	13.3	13.3	10.0	6.7	6.7	3.3	3.3	0.0
85°	39.9	33.3	29.9	26.6	26.6	20.0	13.3	10.0	6.7	3.3	3.3
82.5°	76.5	66.5	56.6	49.9	39.9	29.9	23.3	16.6	10.0	6.7	3.3
80°	86.5	86.5	83.2	69.9	56.6	43.2	29.9	20.0	13.3	10.0	6.7
77.5°	66.5	73.2	73.2	73.2	69.9	53.2	36.6	23.3	13.3	10.0	6.7
75°	76.5	66.5	63.2	66.5	63.2	53.2	43.2	26.6	16.6	13.3	6.7
72.5°	93.1	79.8	69.9	66.5	59.9	49.9	39.9	29.9	16.6	13.3	10.0
70°	86.5	83.2	76.5	69.9	59.9	49.9	39.9	29.9	20.0	13.3	10.0
67.5°	76.5	76.5	76.5	69.9	59.9	46.6	36.6	26.6	20.0	13.3	10.0
65°	53.2	63.2	69.9	66.5	59.9	46.6	36.6	26.6	20.0	16.6	10.0
62.5°	33.3	43.2	56.6	63.2	56.6	46.6	33.3	26.6	20.0	16.6	10.0
60°	29.9	33.3	39.9	49.9	53.2	43.2	33.3	23.3	20.0	16.6	10.0
57.5°	29.9	29.9	33.3	39.9	43.2	39.9	29.9	20.0	20.0	16.6	13.3
55°	33.3	29.9	29.9	33.3	36.6	36.6	29.9	20.0	20.0	16.6	13.3
52.5°	39.9	33.3	29.9	29.9	29.9	33.3	26.6	20.0	20.0	16.6	13.3
50°	49.9	39.9	36.6	29.9	29.9	29.9	26.6	20.0	16.6	16.6	13.3
47.5°	66.5	53.2	39.9	36.6	29.9	26.6	23.3	20.0	16.6	16.6	13.3
45°	99.8	63.2	53.2	39.9	33.3	29.9	26.6	20.0	16.6	16.6	13.3
42.5°	136.4	93.1	66.5	46.6	36.6	29.9	26.6	23.3	16.6	16.6	13.3
40°	173.0	126.4	83.2	59.9	43.2	33.3	26.6	23.3	20.0	16.6	13.3
37.5°	212.9	156.3	109.8	76.5	49.9	36.6	29.9	23.3	20.0	16.6	13.3
35°	262.8	196.3	136.4	93.1	59.9	43.2	33.3	23.3	20.0	16.6	13.3
32.5°	319.3	232.9	163.0	113.1	76.5	53.2	36.6	26.6	20.0	16.6	13.3
30°	372.6	276.1	192.9	136.4	93.1	59.9	39.9	26.6	20.0	16.6	10.0
27.5°	425.8	319.3	229.5	159.7	113.1	69.9	43.2	29.9	20.0	16.6	13.3
25°	479.0	362.6	266.1	183.0	129.7	83.2	53.2	33.3	20.0	16.6	13.3
22.5°	525.6	405.8	299.4	209.6	149.7	96.5	59.9	36.6	23.3	16.6	13.3
20°	578.8	452.4	336.0	239.5	166.3	109.8	66.5	39.9	23.3	16.6	13.3
17.5°	628.7	499.0	372.6	266.1	186.3	123.1	76.5	43.2	26.6	16.6	13.3
15°	678.6	542.2	405.8	292.7	206.2	136.4	83.2	46.6	29.9	16.6	13.3
12.5°	725.2	582.1	435.8	316.0	222.9	149.7	89.8	49.9	33.3	16.6	13.3
10°	768.4	618.7	465.7	336.0	239.5	159.7	96.5	56.6	36.6	16.6	13.3
7.5°	811.7	648.7	489.0	355.9	259.5	173.0	103.1	59.9	39.9	20.0	13.3
5°	838.3	675.3	509.0	372.6	276.1	186.3	109.8	63.2	43.2	20.0	13.3
2.5°	861.6	695.2	522.3	389.2	292.7	196.3	109.8	66.5	46.6	20.0	13.3
0°	874.9	708.5	532.2	399.2	306.0	202.9	113.1	69.9	49.9	20.0	13.3
-2.5°	904.8	731.8	555.5	412.5	319.3	222.9	119.8	73.2	53.2	23.3	13.3
-5°	924.8	745.1	572.2	425.8	329.3	242.8	129.7	79.8	59.9	29.9	16.6
-7.5°	941.4	758.4	585.5	432.4	339.3	249.5	133.1	83.2	63.2	33.3	16.6
-10°	944.7	765.1	595.4	442.4	346.0	259.5	136.4	86.5	66.5	36.6	16.6
-12.5°	948.0	771.7	598.8	449.1	352.6	266.1	139.7	89.8	69.9	39.9	16.6
-15°	944.7	768.4	598.8	455.7	355.9	259.5	146.4	93.1	73.2	43.2	16.6
-17.5°	938.1	765.1	595.4	452.4	352.6	252.8	149.7	99.8	73.2	46.6	20.0
-20°	928.1	755.1	588.8	449.1	349.3	246.2	153.0	103.1	76.5	46.6	20.0

REPORT NUMBER: P723861

CATALOG NUMBER: IFLD-L-SA8A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	911.5	738.5	575.5	439.1	342.6	239.5	153.0	109.8	79.8	46.6	20.0
-25°	891.5	721.8	562.2	425.8	332.6	229.5	153.0	113.1	83.2	46.6	20.0
-27.5°	868.2	705.2	542.2	415.8	319.3	222.9	153.0	116.4	86.5	46.6	20.0
-30°	841.6	681.9	525.6	399.2	309.4	222.9	156.3	119.8	89.8	46.6	20.0
-32.5°	815.0	658.6	505.6	385.9	296.1	219.5	156.3	123.1	93.1	43.2	23.3
-35°	785.1	632.0	489.0	375.9	286.1	212.9	159.7	123.1	89.8	43.2	23.3
-37.5°	748.5	598.8	472.4	365.9	279.4	206.2	159.7	126.4	86.5	43.2	23.3
-40°	708.5	572.2	452.4	352.6	269.4	202.9	159.7	126.4	83.2	43.2	26.6
-42.5°	665.3	542.2	432.4	339.3	259.5	199.6	159.7	126.4	79.8	43.2	26.6
-45°	625.4	512.3	409.2	322.7	249.5	199.6	159.7	123.1	73.2	46.6	26.6
-47.5°	582.1	479.0	382.5	306.0	246.2	196.3	156.3	116.4	66.5	46.6	26.6
-50°	545.5	445.7	362.6	289.4	239.5	199.6	159.7	106.4	66.5	46.6	26.6
-52.5°	509.0	422.5	339.3	282.8	232.9	202.9	156.3	99.8	66.5	46.6	26.6
-55°	479.0	399.2	326.0	272.8	239.5	209.6	149.7	89.8	66.5	46.6	26.6
-57.5°	455.7	385.9	316.0	276.1	249.5	202.9	139.7	86.5	66.5	43.2	26.6
-60°	439.1	372.6	319.3	289.4	252.8	192.9	133.1	86.5	66.5	43.2	23.3
-62.5°	425.8	375.9	336.0	299.4	239.5	179.6	126.4	86.5	59.9	39.9	23.3
-65°	429.1	389.2	342.6	286.1	229.5	166.3	116.4	83.2	56.6	36.6	23.3
-67.5°	439.1	379.2	322.7	269.4	206.2	149.7	106.4	76.5	53.2	36.6	23.3
-70°	405.8	349.3	292.7	229.5	176.3	129.7	99.8	69.9	46.6	33.3	23.3
-72.5°	365.9	292.7	232.9	186.3	149.7	119.8	89.8	63.2	43.2	29.9	20.0
-75°	266.1	212.9	173.0	156.3	133.1	106.4	79.8	56.6	39.9	29.9	20.0
-77.5°	189.6	176.3	159.7	143.0	119.8	93.1	69.9	53.2	36.6	26.6	16.6
-80°	186.3	169.7	149.7	123.1	99.8	79.8	59.9	46.6	33.3	23.3	13.3
-82.5°	156.3	133.1	113.1	93.1	76.5	63.2	49.9	36.6	26.6	16.6	10.0
-85°	96.5	83.2	73.2	63.2	53.2	43.2	33.3	23.3	16.6	10.0	6.7
-87.5°	46.6	43.2	36.6	29.9	26.6	20.0	16.6	13.3	10.0	6.7	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: IFLD-L-SA8A-830-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°	3.3	0.0	0.0	0.0
80°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	6.7	3.3	3.3	0.0
67.5°	6.7	3.3	3.3	0.0
65°	6.7	3.3	3.3	0.0
62.5°	6.7	3.3	3.3	0.0
60°	6.7	3.3	3.3	0.0
57.5°	6.7	3.3	3.3	0.0
55°	6.7	3.3	3.3	0.0
52.5°	6.7	3.3	3.3	0.0
50°	6.7	3.3	3.3	0.0
47.5°	6.7	6.7	3.3	0.0
45°	6.7	6.7	3.3	0.0
42.5°	6.7	6.7	3.3	0.0
40°	6.7	6.7	3.3	0.0
37.5°	6.7	6.7	3.3	0.0
35°	6.7	6.7	3.3	0.0
32.5°	10.0	6.7	3.3	0.0
30°	10.0	6.7	6.7	0.0
27.5°	10.0	6.7	6.7	0.0
25°	10.0	6.7	6.7	0.0
22.5°	10.0	6.7	6.7	0.0
20°	10.0	6.7	6.7	0.0
17.5°	10.0	6.7	6.7	0.0
15°	10.0	6.7	6.7	0.0
12.5°	10.0	6.7	6.7	0.0
10°	10.0	6.7	6.7	0.0
7.5°	10.0	6.7	6.7	0.0
5°	10.0	6.7	6.7	0.0
2.5°	10.0	6.7	6.7	0.0
0°	10.0	6.7	6.7	0.0
-2.5°	10.0	6.7	6.7	0.0
-5°	10.0	6.7	6.7	0.0
-7.5°	10.0	6.7	6.7	0.0
-10°	10.0	6.7	6.7	0.0
-12.5°	13.3	6.7	6.7	0.0
-15°	13.3	6.7	6.7	0.0
-17.5°	13.3	6.7	6.7	0.0
-20°	13.3	6.7	6.7	0.0

REPORT NUMBER: P723861

CATALOG NUMBER: IFLD-L-SA8A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	13.3	6.7	6.7	0.0
-25°	13.3	6.7	6.7	0.0
-27.5°	13.3	6.7	6.7	0.0
-30°	13.3	6.7	6.7	0.0
-32.5°	13.3	6.7	6.7	0.0
-35°	13.3	6.7	6.7	0.0
-37.5°	13.3	6.7	6.7	0.0
-40°	13.3	6.7	6.7	0.0
-42.5°	10.0	6.7	3.3	0.0
-45°	13.3	6.7	3.3	0.0
-47.5°	13.3	6.7	3.3	0.0
-50°	13.3	6.7	3.3	0.0
-52.5°	13.3	6.7	3.3	0.0
-55°	13.3	6.7	3.3	0.0
-57.5°	13.3	6.7	3.3	0.0
-60°	13.3	6.7	3.3	0.0
-62.5°	13.3	6.7	3.3	0.0
-65°	13.3	6.7	3.3	0.0
-67.5°	13.3	6.7	3.3	0.0
-70°	13.3	3.3	3.3	0.0
-72.5°	10.0	3.3	3.3	0.0
-75°	10.0	3.3	3.3	0.0
-77.5°	6.7	3.3	0.0	0.0
-80°	6.7	3.3	0.0	0.0
-82.5°	6.7	3.3	0.0	0.0
-85°	3.3	0.0	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)