

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: P723683

Luminaire Tested: **IFLD-L-SA7B-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723683
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	17167.2 lumens	Max Intensity:	403884 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.1 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:	6225.5 lumens	Field Lumens:	9924.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

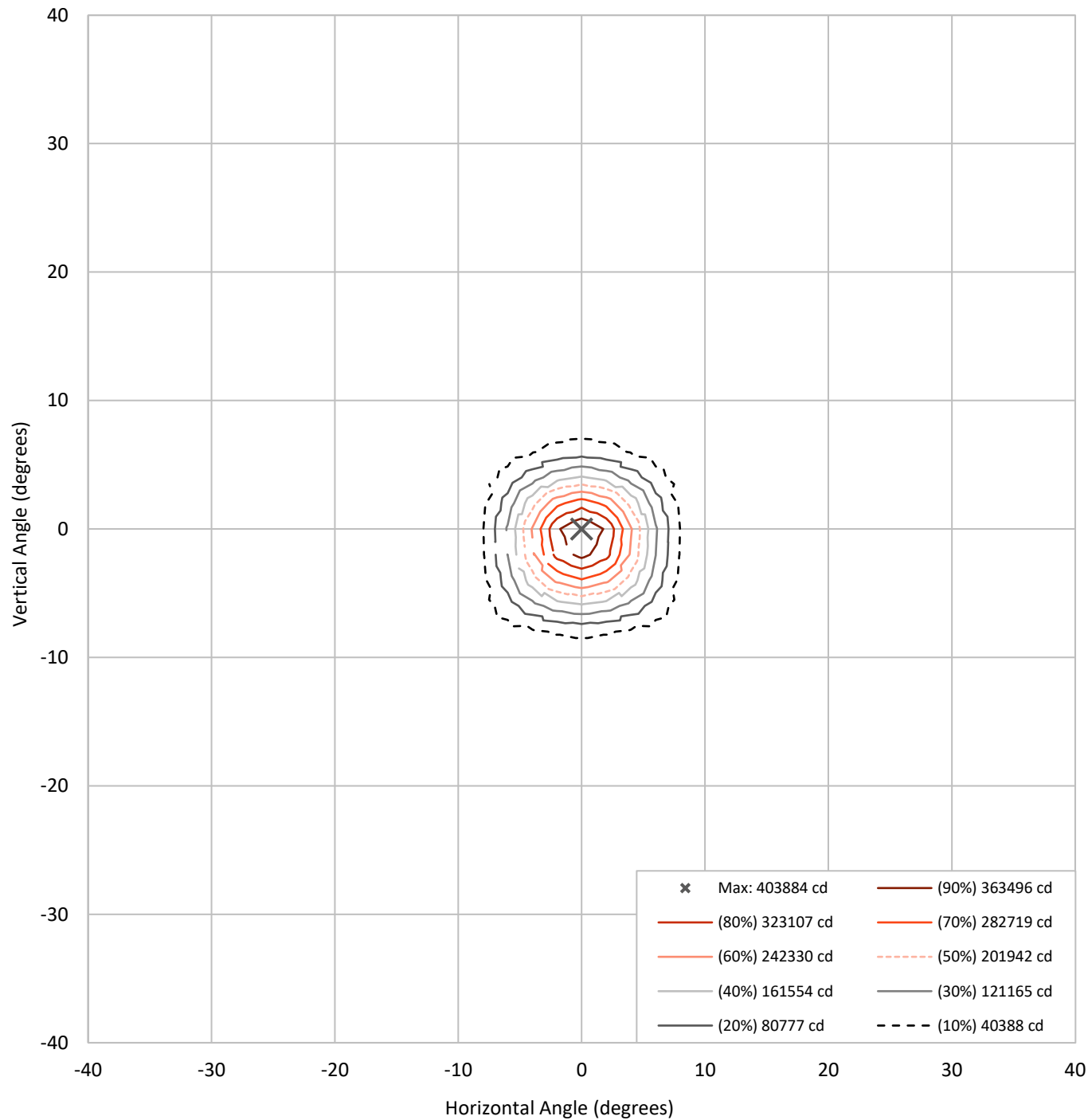
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723683
CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

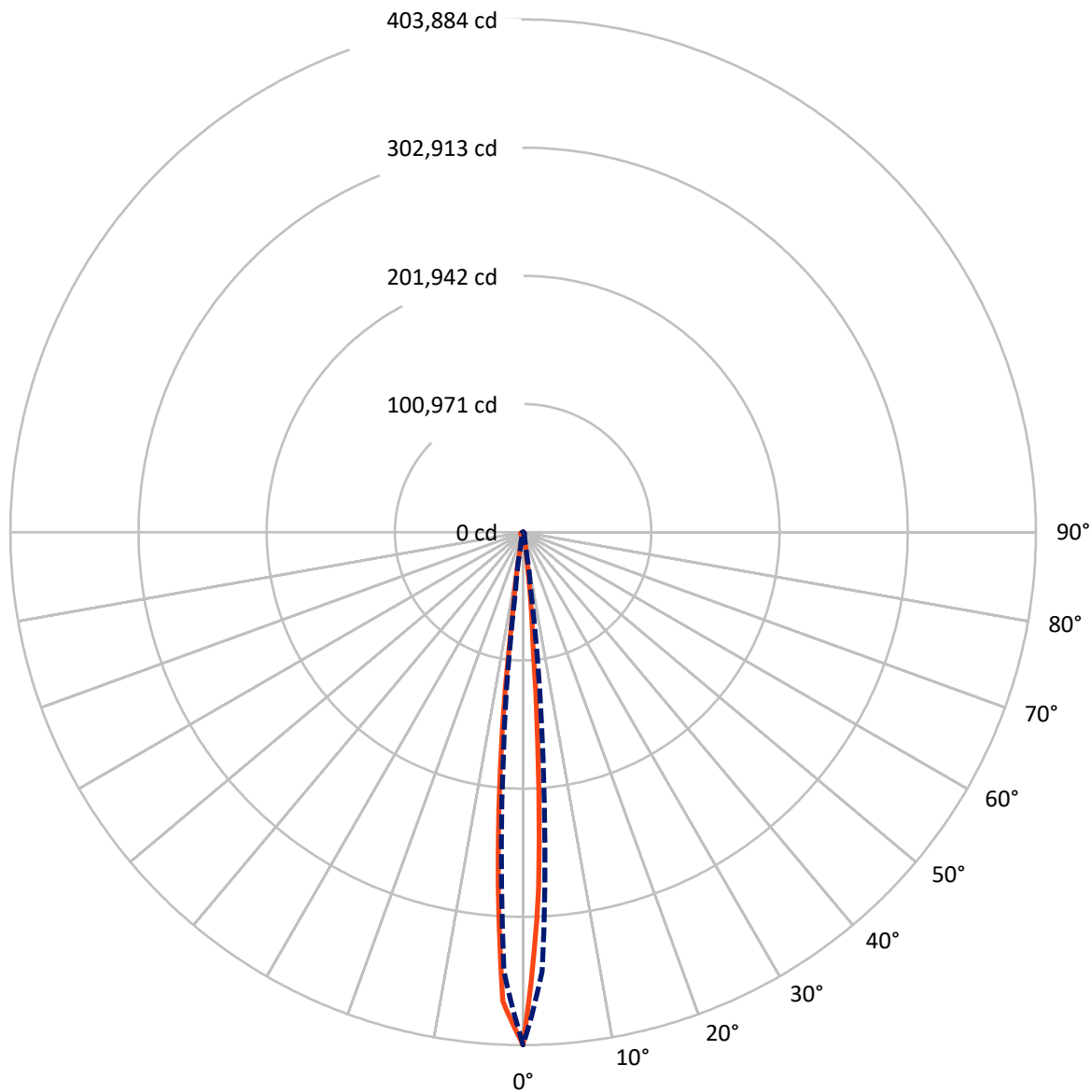
Lumen Table

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	3.8		4.2		1.6		0.4		1.6		4.2		3.8		0.3																								
70	0.4	0.9	1.1	0.8	0.7	0.5	0.4	0.2	0.2	0.4	0.5	0.7	0.8	1.1	0.9	0.4																								
60		0.5	0.8	2.0	4.4	7.2	9.3	10.7	10.7	9.3	7.2	4.4	2.0	0.8	0.5		0.6	2.4	7.8	15.4	22.5	27.1	30.0	30.0	27.1	22.5	15.4	7.8	2.4	0.6										
50	0.4	1.2	6.0	16.1	26.1	30.7	33.1	34.3	34.3	33.1	30.7	26.1	16.1	6.0	1.2	0.4																								
40		2.2	10.2	23.4	30.2	31.2	36.8	44.3	44.3	36.8	31.2	30.2	23.4	10.2	2.2		3.5	14.3	28.7	32.3	36.4	63.9	109.0	109.0	63.9	36.4	32.3	28.7	14.3	3.5										
30	0.7	4.5	17.5	31.5	33.4	44.9	121.6	2253.6	2253.6	121.6	44.9	33.4	31.5	17.5	4.5	0.7																								
20		5.3	19.2	33.1	34.7	46.4	131.0	3286.0	3286.0	131.0	46.4	34.7	33.1	19.2	5.3		5.7	19.7	34.9	37.5	41.9	76.2	146.2	146.2	76.2	41.9	37.5	34.9	19.7	5.7										
10	1.1	5.3	18.7	35.3	42.1	42.2	49.3	60.2	60.2	49.3	42.2	42.1	35.3	18.7	5.3	1.1																								
0		4.7	16.5	33.8	46.3	50.5	52.6	53.0	53.0	52.6	50.5	46.3	33.8	16.5	4.7		4.2	13.3	28.7	44.7	54.3	60.9	63.9	63.9	60.9	54.3	44.7	28.7	13.3	4.2										
-10	1.6	3.8	10.3	22.2	38.1	51.2	59.5	62.9	62.9	59.5	51.2	38.1	22.2	10.3	3.8	1.6																								
-20		3.5	9.0	18.1	31.8	44.8	54.2	58.5	58.5	54.2	44.8	31.8	18.1	9.0	3.5		4.7	16.5	33.8	46.3	50.5	52.6	53.0	53.0	52.6	50.5	46.3	33.8	16.5	4.7										
-30	1.8	4.2	13.3	28.7	44.7	54.3	60.9	63.9	63.9	60.9	54.3	44.7	28.7	13.3	4.2	1.8																								
-40		5.7	19.7	34.9	37.5	41.9	76.2	146.2	146.2	76.2	41.9	37.5	34.9	19.7	5.7		5.3	18.7	35.3	42.1	42.2	49.3	60.2	60.2	49.3	42.2	42.1	35.3	18.7	5.3										
-50	1.4	5.7	19.7	34.9	37.5	41.9	76.2	146.2	146.2	76.2	41.9	37.5	34.9	19.7	5.7	1.4																								
-60		5.3	18.7	35.3	42.1	42.2	49.3	60.2	60.2	49.3	42.2	42.1	35.3	18.7	5.3		4.5	17.5	31.5	33.4	44.9	121.6	2253.6	2253.6	121.6	44.9	33.4	31.5	17.5	4.5										
-70	0.7	5.7	19.7	34.9	37.5	41.9	76.2	146.2	146.2	76.2	41.9	37.5	34.9	19.7	5.7	0.7																								
-80		5.3	18.7	35.3	42.1	42.2	49.3	60.2	60.2	49.3	42.2	42.1	35.3	18.7	5.3		4.5	17.5	31.5	33.4	44.9	121.6	2253.6	2253.6	121.6	44.9	33.4	31.5	17.5	4.5										
-90	0.3	3.8		4.2		1.6		0.4		1.6		4.2		3.8		0.3																								

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

Luminous Intensity Polar Plot



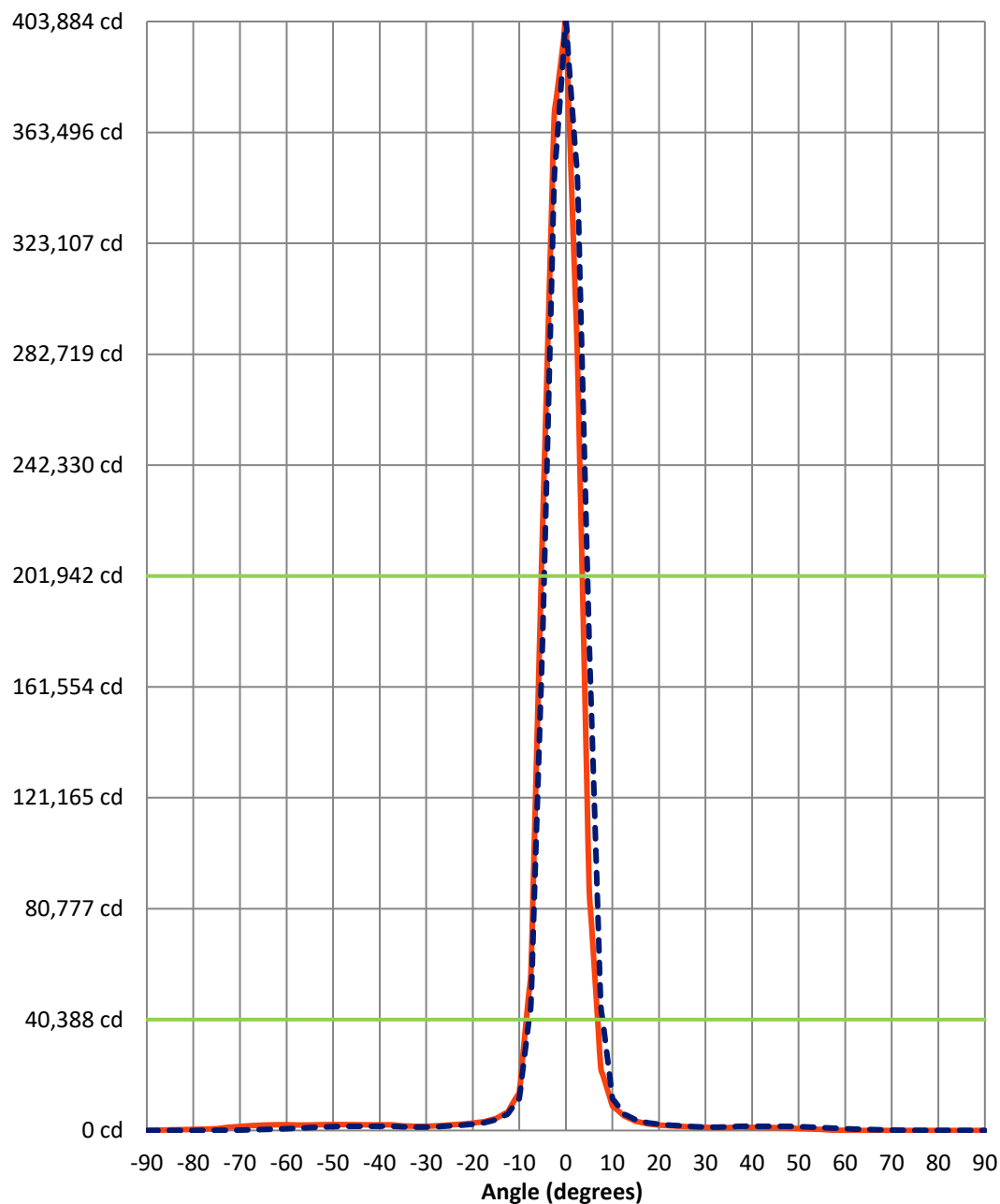
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

Luminous Intensity Plot



— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

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	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	0.0	4.0	4.0	7.9	7.9	7.9	11.9	15.9	19.8	19.8	23.8
82.5°	0.0	4.0	4.0	7.9	7.9	11.9	11.9	19.8	23.8	27.7	35.7
80°	4.0	4.0	4.0	7.9	7.9	11.9	11.9	15.9	19.8	27.7	31.7
77.5°	0.0	4.0	4.0	4.0	7.9	7.9	7.9	11.9	15.9	19.8	23.8
75°	0.0	4.0	4.0	4.0	7.9	7.9	7.9	7.9	11.9	11.9	15.9
72.5°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
70°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
67.5°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	7.9	11.9	11.9	11.9
65°	0.0	0.0	0.0	4.0	4.0	7.9	7.9	11.9	11.9	11.9	11.9
62.5°	4.0	4.0	4.0	7.9	11.9	11.9	15.9	19.8	19.8	19.8	19.8
60°	39.6	43.6	47.6	47.6	43.6	43.6	47.6	47.6	47.6	47.6	47.6
57.5°	107.0	114.9	118.9	118.9	118.9	114.9	130.8	134.7	118.9	111.0	122.9
55°	372.5	384.4	376.5	364.6	340.8	313.1	305.2	301.2	305.2	285.3	253.6
52.5°	542.9	554.8	550.9	542.9	527.1	507.3	491.4	475.6	459.7	428.0	392.3
50°	705.4	709.4	705.4	697.5	681.6	661.8	630.1	594.4	562.7	554.8	523.1
47.5°	887.7	899.6	899.6	895.6	883.7	848.1	800.5	749.0	725.2	717.3	685.6
45°	1050.2	1058.1	1062.1	1066.0	1062.1	1026.4	982.8	955.1	903.6	887.7	887.7
42.5°	1093.8	1097.7	1101.7	1105.7	1117.6	1089.8	1054.2	1006.6	994.7	990.7	982.8
40°	1109.6	1101.7	1105.7	1109.6	1113.6	1093.8	1066.0	1038.3	1030.4	1022.5	1022.5
37.5°	1260.2	1224.6	1196.8	1173.0	1153.2	1133.4	1105.7	1081.9	1062.1	1046.2	1062.1
35°	1074.0	1074.0	1101.7	1125.5	1149.3	1173.0	1177.0	1149.3	1105.7	1085.9	1113.6
32.5°	1097.7	1097.7	1097.7	1105.7	1113.6	1133.4	1153.2	1165.1	1196.8	1161.2	1161.2
30°	1121.5	1125.5	1133.4	1137.4	1125.5	1117.6	1109.6	1109.6	1129.5	1181.0	1208.7
27.5°	1260.2	1260.2	1248.3	1232.5	1196.8	1141.3	1113.6	1074.0	1077.9	1101.7	1169.1
25°	1486.1	1478.2	1450.5	1410.8	1347.4	1268.2	1192.9	1109.6	1074.0	1062.1	1089.8
22.5°	1700.1	1688.2	1652.6	1616.9	1565.4	1486.1	1359.3	1232.5	1121.5	1074.0	1062.1
20°	1973.6	1945.8	1906.2	1850.7	1767.5	1688.2	1577.3	1410.8	1248.3	1125.5	1077.9
17.5°	2413.5	2377.8	2302.5	2203.4	2060.8	1937.9	1779.4	1620.9	1438.6	1240.4	1133.4
15°	3376.5	3285.3	3154.5	2881.1	2599.7	2365.9	2128.1	1862.6	1676.3	1414.8	1252.3
12.5°	5310.4	5060.7	4680.3	4042.2	3412.1	2869.2	2484.8	2144.0	1842.8	1601.0	1371.2
10°	8988.1	8453.1	7402.9	5659.1	4498.0	3499.3	2809.8	2354.0	1973.6	1723.9	1470.3
7.5°	22731.7	18542.8	13121.5	8960.3	5885.0	4276.1	3214.0	2552.2	2112.3	1803.2	1549.5
5°	88596.6	72982.4	38932.4	16248.3	8853.3	5171.7	3578.6	2710.7	2203.4	1862.6	1609.0
2.5°	281178.0	242816.3	127394.2	34977.3	10870.5	5825.6	3828.2	2809.8	2254.9	1906.2	1652.6
0°	403884.0	346143.3	178790.2	46002.4	11789.9	5992.0	3907.5	2829.6	2262.9	1914.1	1652.6
-2.5°	369485.3	323371.9	172711.0	42808.2	12047.5	6039.6	3970.9	2896.9	2322.3	1949.8	1664.5
-5°	219545.6	192573.5	120478.8	30522.9	10704.0	5607.6	3804.5	2837.5	2282.7	1930.0	1656.5
-7.5°	57843.8	50076.3	32940.4	15927.3	6927.3	4743.7	3495.4	2738.4	2231.2	1894.3	1624.8
-10°	13945.8	13216.6	11805.7	7236.4	5393.6	3963.0	3099.1	2560.1	2128.1	1846.8	1573.3
-12.5°	6725.2	6566.7	5960.3	4914.1	4002.6	3293.2	2805.8	2373.8	2033.0	1763.5	1502.0
-15°	4375.1	4284.0	4077.9	3677.7	3214.0	2873.2	2532.3	2183.6	1914.1	1640.7	1442.5
-17.5°	3237.8	3233.8	3130.8	2980.2	2750.3	2496.7	2247.0	2025.1	1763.5	1529.7	1379.1
-20°	2682.9	2682.9	2623.5	2524.4	2361.9	2195.5	2029.1	1823.0	1609.0	1434.6	1371.2

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2278.7	2282.7	2251.0	2187.6	2100.4	1961.7	1799.2	1632.8	1478.2	1414.8	1395.0
-25°	2017.2	2009.2	1973.6	1914.1	1823.0	1712.0	1605.0	1494.0	1450.5	1434.6	1462.3
-27.5°	1708.0	1719.9	1704.1	1676.3	1616.9	1537.6	1513.9	1482.2	1490.1	1513.9	1620.9
-30°	1525.8	1537.6	1553.5	1565.4	1545.6	1525.8	1533.7	1557.5	1609.0	1700.1	1739.8
-32.5°	1525.8	1529.7	1553.5	1577.3	1589.2	1605.0	1648.6	1727.9	1803.2	1779.4	1771.5
-35°	1664.5	1652.6	1684.3	1716.0	1759.6	1815.0	1862.6	1846.8	1819.0	1811.1	1819.0
-37.5°	2060.8	1985.5	1953.8	1933.9	1922.0	1914.1	1902.2	1890.3	1878.5	1870.5	1882.4
-40°	2056.8	2037.0	2017.2	2001.3	1989.4	1973.6	1965.6	1961.7	1949.8	1941.9	1933.9
-42.5°	2048.9	2056.8	2056.8	2052.8	2056.8	2052.8	2040.9	2025.1	2005.3	1989.4	1973.6
-45°	2108.3	2112.3	2120.2	2128.1	2140.0	2124.2	2100.4	2072.6	2044.9	2021.1	2001.3
-47.5°	2144.0	2147.9	2155.9	2167.8	2175.7	2159.8	2128.1	2092.5	2048.9	2009.2	1969.6
-50°	2155.9	2167.8	2171.7	2171.7	2167.8	2147.9	2100.4	2048.9	2001.3	1961.7	1926.0
-52.5°	2100.4	2112.3	2116.2	2108.3	2104.3	2084.5	2040.9	1993.4	1941.9	1914.1	1882.4
-55°	2009.2	2025.1	2037.0	2037.0	2037.0	2033.0	1993.4	1949.8	1910.2	1878.5	1846.8
-57.5°	1973.6	2001.3	2025.1	2029.1	2033.0	2037.0	2009.2	1965.6	1918.1	1870.5	1830.9
-60°	2104.3	2128.1	2140.0	2124.2	2112.3	2100.4	2056.8	2005.3	1957.7	1910.2	1834.9
-62.5°	2068.7	2108.3	2128.1	2116.2	2100.4	2080.6	2033.0	1973.6	1918.1	1866.6	1791.3
-65°	1953.8	1989.4	2013.2	1993.4	1969.6	1941.9	1898.3	1842.8	1791.3	1739.8	1672.4
-67.5°	1759.6	1811.1	1850.7	1807.1	1775.4	1739.8	1704.1	1656.5	1605.0	1545.6	1482.2
-70°	1454.4	1494.0	1529.7	1517.8	1509.9	1502.0	1478.2	1430.6	1387.0	1339.5	1284.0
-72.5°	1169.1	1204.7	1236.5	1216.6	1200.8	1177.0	1141.3	1089.8	1038.3	986.8	935.3
-75°	646.0	657.9	669.7	665.8	665.8	665.8	665.8	669.7	661.8	649.9	626.2
-77.5°	495.4	511.2	523.1	531.0	542.9	558.8	570.7	550.9	531.0	511.2	487.4
-80°	388.4	404.2	416.1	459.7	491.4	527.1	550.9	523.1	495.4	471.6	451.8
-82.5°	293.3	305.2	317.0	340.8	356.7	376.5	392.3	392.3	388.4	384.4	372.5
-85°	214.0	229.9	245.7	253.6	265.5	265.5	269.5	253.6	237.8	225.9	210.0
-87.5°	122.9	126.8	126.8	126.8	130.8	130.8	130.8	122.9	118.9	111.0	107.0
-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: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-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°	4.0	4.0	4.0	7.9	7.9	11.9	11.9	15.9	15.9	19.8	19.8
85°	23.8	23.8	23.8	27.7	27.7	31.7	35.7	39.6	43.6	43.6	47.6
82.5°	39.6	43.6	47.6	51.5	55.5	59.4	63.4	67.4	79.3	87.2	91.1
80°	39.6	43.6	55.5	63.4	71.3	79.3	79.3	79.3	79.3	83.2	91.1
77.5°	27.7	31.7	35.7	43.6	63.4	79.3	91.1	99.1	91.1	87.2	79.3
75°	15.9	19.8	23.8	27.7	39.6	55.5	75.3	95.1	111.0	107.0	99.1
72.5°	15.9	15.9	19.8	23.8	27.7	31.7	35.7	55.5	79.3	99.1	111.0
70°	15.9	19.8	19.8	23.8	27.7	31.7	35.7	43.6	55.5	79.3	103.0
67.5°	15.9	19.8	19.8	27.7	35.7	39.6	43.6	39.6	35.7	51.5	75.3
65°	15.9	15.9	19.8	23.8	27.7	31.7	43.6	43.6	39.6	39.6	39.6
62.5°	23.8	23.8	23.8	23.8	27.7	27.7	27.7	35.7	35.7	35.7	35.7
60°	47.6	43.6	43.6	43.6	43.6	35.7	35.7	35.7	31.7	35.7	31.7
57.5°	114.9	95.1	87.2	87.2	75.3	71.3	59.4	43.6	43.6	35.7	35.7
55°	233.8	221.9	186.3	154.6	138.7	122.9	95.1	79.3	59.4	47.6	43.6
52.5°	360.6	328.9	297.2	257.6	218.0	186.3	158.5	122.9	99.1	71.3	55.5
50°	471.6	443.9	408.2	364.6	313.1	273.4	233.8	186.3	146.6	111.0	79.3
47.5°	642.0	586.5	542.9	491.4	432.0	376.5	325.0	269.5	206.1	162.5	122.9
45°	824.3	745.0	685.6	638.0	558.8	483.5	424.0	364.6	289.3	214.0	166.4
42.5°	951.1	891.7	812.4	749.0	677.7	598.4	519.2	455.7	376.5	289.3	214.0
40°	1018.5	978.9	915.5	860.0	784.7	697.5	614.3	550.9	467.6	372.5	269.5
37.5°	1070.0	1050.2	1018.5	974.9	903.6	800.5	717.3	642.0	570.7	459.7	348.7
35°	1129.5	1125.5	1105.7	1085.9	1026.4	927.3	828.3	741.1	653.9	550.9	428.0
32.5°	1184.9	1181.0	1169.1	1161.2	1137.4	1050.2	943.2	844.1	745.0	638.0	503.3
30°	1212.7	1204.7	1204.7	1212.7	1188.9	1133.4	1054.2	947.2	836.2	709.4	582.6
27.5°	1212.7	1204.7	1208.7	1220.6	1216.6	1188.9	1129.5	1042.3	919.4	776.7	653.9
25°	1161.2	1200.8	1200.8	1216.6	1220.6	1212.7	1181.0	1125.5	998.7	848.1	709.4
22.5°	1089.8	1184.9	1220.6	1216.6	1220.6	1240.4	1244.4	1192.9	1074.0	919.4	764.9
20°	1089.8	1157.2	1260.2	1232.5	1240.4	1284.0	1303.8	1260.2	1153.2	986.8	820.3
17.5°	1113.6	1157.2	1244.4	1288.0	1299.9	1335.5	1367.2	1339.5	1224.6	1058.1	895.6
15°	1181.0	1173.0	1232.5	1339.5	1359.3	1387.0	1422.7	1391.0	1288.0	1137.4	967.0
12.5°	1228.5	1184.9	1232.5	1347.4	1410.8	1438.6	1450.5	1426.7	1343.5	1208.7	1038.3
10°	1291.9	1216.6	1240.4	1339.5	1430.6	1450.5	1462.3	1454.4	1395.0	1268.2	1101.7
7.5°	1339.5	1232.5	1232.5	1327.6	1450.5	1466.3	1474.2	1482.2	1438.6	1319.7	1157.2
5°	1359.3	1232.5	1224.6	1315.7	1470.3	1486.1	1486.1	1498.0	1470.3	1359.3	1196.8
2.5°	1363.3	1228.5	1216.6	1307.8	1505.9	1505.9	1498.0	1509.9	1494.0	1383.1	1224.6
0°	1383.1	1224.6	1212.7	1319.7	1545.6	1529.7	1509.9	1513.9	1505.9	1395.0	1240.4
-2.5°	1383.1	1244.4	1228.5	1327.6	1541.6	1537.6	1529.7	1533.7	1525.8	1430.6	1272.1
-5°	1402.9	1272.1	1256.3	1363.3	1537.6	1549.5	1553.5	1553.5	1541.6	1454.4	1291.9
-7.5°	1406.9	1291.9	1288.0	1398.9	1545.6	1565.4	1577.3	1585.2	1561.4	1470.3	1307.8
-10°	1387.0	1299.9	1319.7	1442.5	1553.5	1581.2	1605.0	1616.9	1577.3	1478.2	1315.7
-12.5°	1343.5	1299.9	1351.4	1498.0	1573.3	1605.0	1640.7	1644.6	1593.1	1482.2	1319.7
-15°	1339.5	1331.6	1406.9	1553.5	1585.2	1624.8	1680.3	1668.4	1605.0	1482.2	1319.7
-17.5°	1335.5	1375.2	1490.1	1573.3	1605.0	1648.6	1692.2	1680.3	1612.9	1482.2	1311.7
-20°	1371.2	1446.5	1589.2	1593.1	1628.8	1676.3	1700.1	1676.3	1601.0	1470.3	1299.9



REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-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°	1430.6	1573.3	1620.9	1636.7	1668.4	1704.1	1716.0	1680.3	1589.2	1450.5	1280.0
-25°	1581.2	1652.6	1652.6	1688.2	1719.9	1735.8	1723.9	1684.3	1573.3	1430.6	1260.2
-27.5°	1696.2	1692.2	1712.0	1747.7	1775.4	1775.4	1743.7	1664.5	1549.5	1410.8	1232.5
-30°	1739.8	1743.7	1771.5	1811.1	1819.0	1799.2	1751.6	1648.6	1529.7	1379.1	1196.8
-32.5°	1783.3	1799.2	1834.9	1854.7	1858.6	1819.0	1731.8	1620.9	1498.0	1343.5	1157.2
-35°	1834.9	1866.6	1886.4	1890.3	1870.5	1803.2	1704.1	1585.2	1450.5	1291.9	1121.5
-37.5°	1902.2	1918.1	1930.0	1914.1	1858.6	1779.4	1656.5	1537.6	1406.9	1236.5	1070.0
-40°	1945.8	1953.8	1957.7	1906.2	1838.8	1723.9	1605.0	1482.2	1331.6	1173.0	1014.5
-42.5°	1973.6	1965.6	1933.9	1878.5	1779.4	1668.4	1553.5	1414.8	1264.2	1109.6	955.1
-45°	1965.6	1937.9	1890.3	1823.0	1719.9	1609.0	1474.2	1335.5	1192.9	1042.3	887.7
-47.5°	1933.9	1890.3	1830.9	1751.6	1656.5	1521.8	1387.0	1252.3	1113.6	967.0	824.3
-50°	1894.3	1842.8	1771.5	1672.4	1545.6	1422.7	1299.9	1169.1	1026.4	891.7	764.9
-52.5°	1850.7	1795.2	1704.1	1593.1	1454.4	1327.6	1208.7	1081.9	951.1	824.3	713.3
-55°	1803.2	1747.7	1644.6	1517.8	1379.1	1240.4	1125.5	1018.5	891.7	768.8	669.7
-57.5°	1779.4	1708.0	1601.0	1474.2	1327.6	1184.9	1085.9	970.9	856.0	729.2	634.1
-60°	1759.6	1688.2	1589.2	1442.5	1303.8	1169.1	1054.2	943.2	820.3	701.4	606.3
-62.5°	1704.1	1628.8	1537.6	1395.0	1260.2	1137.4	1034.3	903.6	784.7	673.7	586.5
-65°	1593.1	1513.9	1434.6	1307.8	1184.9	1070.0	967.0	848.1	737.1	642.0	566.7
-67.5°	1418.7	1351.4	1280.0	1173.0	1070.0	967.0	871.9	768.8	677.7	610.3	570.7
-70°	1224.6	1153.2	1081.9	994.7	907.5	824.3	749.0	673.7	614.3	578.6	546.9
-72.5°	891.7	860.0	824.3	756.9	685.6	634.1	598.4	566.7	523.1	491.4	471.6
-75°	594.4	550.9	495.4	471.6	475.6	467.6	447.8	424.0	404.2	392.3	364.6
-77.5°	463.7	439.9	412.2	384.4	372.5	360.6	344.8	325.0	309.1	281.4	241.7
-80°	428.0	408.2	388.4	368.6	348.7	321.0	289.3	257.6	241.7	229.9	225.9
-82.5°	352.7	328.9	305.2	285.3	257.6	237.8	218.0	202.1	202.1	198.1	194.2
-85°	202.1	194.2	182.3	174.4	166.4	154.6	142.7	134.7	130.8	126.8	122.9
-87.5°	103.0	99.1	91.1	87.2	83.2	79.3	71.3	67.4	63.4	63.4	59.4
-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: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-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°	19.8	19.8	15.9	15.9	15.9	11.9	7.9	7.9	4.0	4.0	0.0
85°	47.6	39.6	35.7	31.7	31.7	23.8	15.9	11.9	7.9	4.0	4.0
82.5°	91.1	79.3	67.4	59.4	47.6	35.7	27.7	19.8	11.9	7.9	4.0
80°	103.0	103.0	99.1	83.2	67.4	51.5	35.7	23.8	15.9	11.9	7.9
77.5°	79.3	87.2	87.2	87.2	83.2	63.4	43.6	27.7	15.9	11.9	7.9
75°	91.1	79.3	75.3	79.3	75.3	63.4	51.5	31.7	19.8	15.9	7.9
72.5°	111.0	95.1	83.2	79.3	71.3	59.4	47.6	35.7	19.8	15.9	11.9
70°	103.0	99.1	91.1	83.2	71.3	59.4	47.6	35.7	23.8	15.9	11.9
67.5°	91.1	91.1	91.1	83.2	71.3	55.5	43.6	31.7	23.8	15.9	11.9
65°	63.4	75.3	83.2	79.3	71.3	55.5	43.6	31.7	23.8	19.8	11.9
62.5°	39.6	51.5	67.4	75.3	67.4	55.5	39.6	31.7	23.8	19.8	11.9
60°	35.7	39.6	47.6	59.4	63.4	51.5	39.6	27.7	23.8	19.8	11.9
57.5°	35.7	35.7	39.6	47.6	51.5	47.6	35.7	23.8	23.8	19.8	15.9
55°	39.6	35.7	35.7	39.6	43.6	43.6	35.7	23.8	23.8	19.8	15.9
52.5°	47.6	39.6	35.7	35.7	35.7	39.6	31.7	23.8	23.8	19.8	15.9
50°	59.4	47.6	43.6	35.7	35.7	35.7	31.7	23.8	19.8	19.8	15.9
47.5°	79.3	63.4	47.6	43.6	35.7	31.7	27.7	23.8	19.8	19.8	15.9
45°	118.9	75.3	63.4	47.6	39.6	35.7	31.7	23.8	19.8	19.8	15.9
42.5°	162.5	111.0	79.3	55.5	43.6	35.7	31.7	27.7	19.8	19.8	15.9
40°	206.1	150.6	99.1	71.3	51.5	39.6	31.7	27.7	23.8	19.8	15.9
37.5°	253.6	186.3	130.8	91.1	59.4	43.6	35.7	27.7	23.8	19.8	15.9
35°	313.1	233.8	162.5	111.0	71.3	51.5	39.6	27.7	23.8	19.8	15.9
32.5°	380.4	277.4	194.2	134.7	91.1	63.4	43.6	31.7	23.8	19.8	15.9
30°	443.9	328.9	229.9	162.5	111.0	71.3	47.6	31.7	23.8	19.8	11.9
27.5°	507.3	380.4	273.4	190.2	134.7	83.2	51.5	35.7	23.8	19.8	15.9
25°	570.7	432.0	317.0	218.0	154.6	99.1	63.4	39.6	23.8	19.8	15.9
22.5°	626.2	483.5	356.7	249.7	178.3	114.9	71.3	43.6	27.7	19.8	15.9
20°	689.6	539.0	400.3	285.3	198.1	130.8	79.3	47.6	27.7	19.8	15.9
17.5°	749.0	594.4	443.9	317.0	221.9	146.6	91.1	51.5	31.7	19.8	15.9
15°	808.4	646.0	483.5	348.7	245.7	162.5	99.1	55.5	35.7	19.8	15.9
12.5°	863.9	693.5	519.2	376.5	265.5	178.3	107.0	59.4	39.6	19.8	15.9
10°	915.5	737.1	554.8	400.3	285.3	190.2	114.9	67.4	43.6	19.8	15.9
7.5°	967.0	772.8	582.6	424.0	309.1	206.1	122.9	71.3	47.6	23.8	15.9
5°	998.7	804.5	606.3	443.9	328.9	221.9	130.8	75.3	51.5	23.8	15.9
2.5°	1026.4	828.3	622.2	463.7	348.7	233.8	130.8	79.3	55.5	23.8	15.9
0°	1042.3	844.1	634.1	475.6	364.6	241.7	134.7	83.2	59.4	23.8	15.9
-2.5°	1077.9	871.9	661.8	491.4	380.4	265.5	142.7	87.2	63.4	27.7	15.9
-5°	1101.7	887.7	681.6	507.3	392.3	289.3	154.6	95.1	71.3	35.7	19.8
-7.5°	1121.5	903.6	697.5	515.2	404.2	297.2	158.5	99.1	75.3	39.6	19.8
-10°	1125.5	911.5	709.4	527.1	412.2	309.1	162.5	103.0	79.3	43.6	19.8
-12.5°	1129.5	919.4	713.3	535.0	420.1	317.0	166.4	107.0	83.2	47.6	19.8
-15°	1125.5	915.5	713.3	542.9	424.0	309.1	174.4	111.0	87.2	51.5	19.8
-17.5°	1117.6	911.5	709.4	539.0	420.1	301.2	178.3	118.9	87.2	55.5	23.8
-20°	1105.7	899.6	701.4	535.0	416.1	293.3	182.3	122.9	91.1	55.5	23.8

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1085.9	879.8	685.6	523.1	408.2	285.3	182.3	130.8	95.1	55.5	23.8
-25°	1062.1	860.0	669.7	507.3	396.3	273.4	182.3	134.7	99.1	55.5	23.8
-27.5°	1034.3	840.2	646.0	495.4	380.4	265.5	182.3	138.7	103.0	55.5	23.8
-30°	1002.6	812.4	626.2	475.6	368.6	265.5	186.3	142.7	107.0	55.5	23.8
-32.5°	970.9	784.7	602.4	459.7	352.7	261.6	186.3	146.6	111.0	51.5	27.7
-35°	935.3	753.0	582.6	447.8	340.8	253.6	190.2	146.6	107.0	51.5	27.7
-37.5°	891.7	713.3	562.7	435.9	332.9	245.7	190.2	150.6	103.0	51.5	27.7
-40°	844.1	681.6	539.0	420.1	321.0	241.7	190.2	150.6	99.1	51.5	31.7
-42.5°	792.6	646.0	515.2	404.2	309.1	237.8	190.2	150.6	95.1	51.5	31.7
-45°	745.0	610.3	487.4	384.4	297.2	237.8	190.2	146.6	87.2	55.5	31.7
-47.5°	693.5	570.7	455.7	364.6	293.3	233.8	186.3	138.7	79.3	55.5	31.7
-50°	649.9	531.0	432.0	344.8	285.3	237.8	190.2	126.8	79.3	55.5	31.7
-52.5°	606.3	503.3	404.2	336.9	277.4	241.7	186.3	118.9	79.3	55.5	31.7
-55°	570.7	475.6	388.4	325.0	285.3	249.7	178.3	107.0	79.3	55.5	31.7
-57.5°	542.9	459.7	376.5	328.9	297.2	241.7	166.4	103.0	79.3	51.5	31.7
-60°	523.1	443.9	380.4	344.8	301.2	229.9	158.5	103.0	79.3	51.5	27.7
-62.5°	507.3	447.8	400.3	356.7	285.3	214.0	150.6	103.0	71.3	47.6	27.7
-65°	511.2	463.7	408.2	340.8	273.4	198.1	138.7	99.1	67.4	43.6	27.7
-67.5°	523.1	451.8	384.4	321.0	245.7	178.3	126.8	91.1	63.4	43.6	27.7
-70°	483.5	416.1	348.7	273.4	210.0	154.6	118.9	83.2	55.5	39.6	27.7
-72.5°	435.9	348.7	277.4	221.9	178.3	142.7	107.0	75.3	51.5	35.7	23.8
-75°	317.0	253.6	206.1	186.3	158.5	126.8	95.1	67.4	47.6	35.7	23.8
-77.5°	225.9	210.0	190.2	170.4	142.7	111.0	83.2	63.4	43.6	31.7	19.8
-80°	221.9	202.1	178.3	146.6	118.9	95.1	71.3	55.5	39.6	27.7	15.9
-82.5°	186.3	158.5	134.7	111.0	91.1	75.3	59.4	43.6	31.7	19.8	11.9
-85°	114.9	99.1	87.2	75.3	63.4	51.5	39.6	27.7	19.8	11.9	7.9
-87.5°	55.5	51.5	43.6	35.7	31.7	23.8	19.8	15.9	11.9	7.9	4.0
-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: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-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°	4.0	0.0	0.0	0.0
80°	4.0	0.0	0.0	0.0
77.5°	4.0	0.0	0.0	0.0
75°	4.0	4.0	0.0	0.0
72.5°	4.0	4.0	0.0	0.0
70°	7.9	4.0	4.0	0.0
67.5°	7.9	4.0	4.0	0.0
65°	7.9	4.0	4.0	0.0
62.5°	7.9	4.0	4.0	0.0
60°	7.9	4.0	4.0	0.0
57.5°	7.9	4.0	4.0	0.0
55°	7.9	4.0	4.0	0.0
52.5°	7.9	4.0	4.0	0.0
50°	7.9	4.0	4.0	0.0
47.5°	7.9	7.9	4.0	0.0
45°	7.9	7.9	4.0	0.0
42.5°	7.9	7.9	4.0	0.0
40°	7.9	7.9	4.0	0.0
37.5°	7.9	7.9	4.0	0.0
35°	7.9	7.9	4.0	0.0
32.5°	11.9	7.9	4.0	0.0
30°	11.9	7.9	7.9	0.0
27.5°	11.9	7.9	7.9	0.0
25°	11.9	7.9	7.9	0.0
22.5°	11.9	7.9	7.9	0.0
20°	11.9	7.9	7.9	0.0
17.5°	11.9	7.9	7.9	0.0
15°	11.9	7.9	7.9	0.0
12.5°	11.9	7.9	7.9	0.0
10°	11.9	7.9	7.9	0.0
7.5°	11.9	7.9	7.9	0.0
5°	11.9	7.9	7.9	0.0
2.5°	11.9	7.9	7.9	0.0
0°	11.9	7.9	7.9	0.0
-2.5°	11.9	7.9	7.9	0.0
-5°	11.9	7.9	7.9	0.0
-7.5°	11.9	7.9	7.9	0.0
-10°	11.9	7.9	7.9	0.0
-12.5°	15.9	7.9	7.9	0.0
-15°	15.9	7.9	7.9	0.0
-17.5°	15.9	7.9	7.9	0.0
-20°	15.9	7.9	7.9	0.0

REPORT NUMBER: P723683

CATALOG NUMBER: IFLD-L-SA7B-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.9	7.9	7.9	0.0
-25°	15.9	7.9	7.9	0.0
-27.5°	15.9	7.9	7.9	0.0
-30°	15.9	7.9	7.9	0.0
-32.5°	15.9	7.9	7.9	0.0
-35°	15.9	7.9	7.9	0.0
-37.5°	15.9	7.9	7.9	0.0
-40°	15.9	7.9	7.9	0.0
-42.5°	11.9	7.9	4.0	0.0
-45°	15.9	7.9	4.0	0.0
-47.5°	15.9	7.9	4.0	0.0
-50°	15.9	7.9	4.0	0.0
-52.5°	15.9	7.9	4.0	0.0
-55°	15.9	7.9	4.0	0.0
-57.5°	15.9	7.9	4.0	0.0
-60°	15.9	7.9	4.0	0.0
-62.5°	15.9	7.9	4.0	0.0
-65°	15.9	7.9	4.0	0.0
-67.5°	15.9	7.9	4.0	0.0
-70°	15.9	4.0	4.0	0.0
-72.5°	11.9	4.0	4.0	0.0
-75°	11.9	4.0	4.0	0.0
-77.5°	7.9	4.0	0.0	0.0
-80°	7.9	4.0	0.0	0.0
-82.5°	7.9	4.0	0.0	0.0
-85°	4.0	0.0	0.0	0.0
-87.5°	4.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)