

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: P723849

Luminaire Tested: **IFLD-S-SA6D-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723849
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19233 lumens	Max Intensity:	452484.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	52.2 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:	6974.7 lumens	Field Lumens:	11119 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

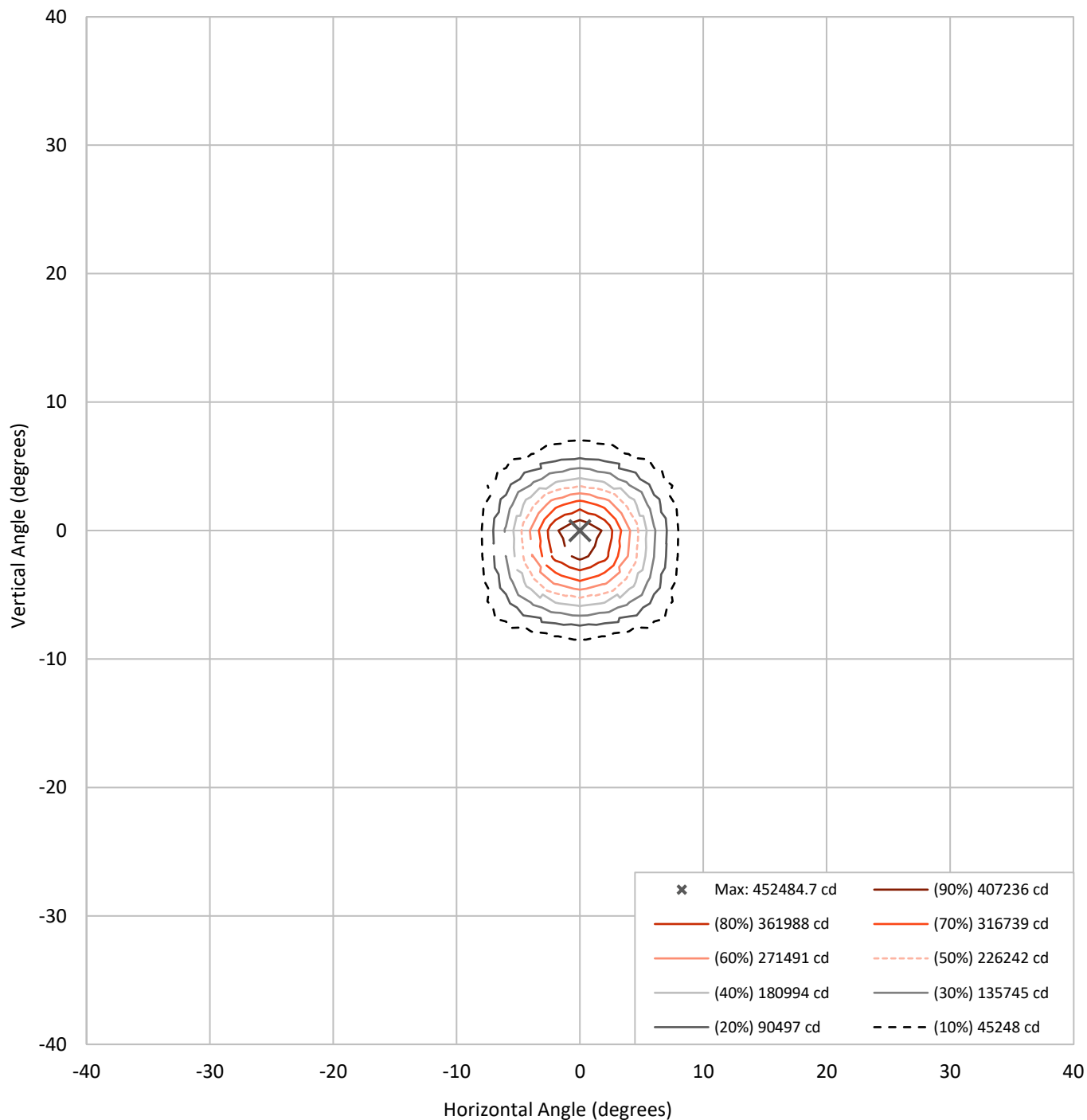
Input Watts (W): 368.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-U-11-VI

Iso-Candela Plot



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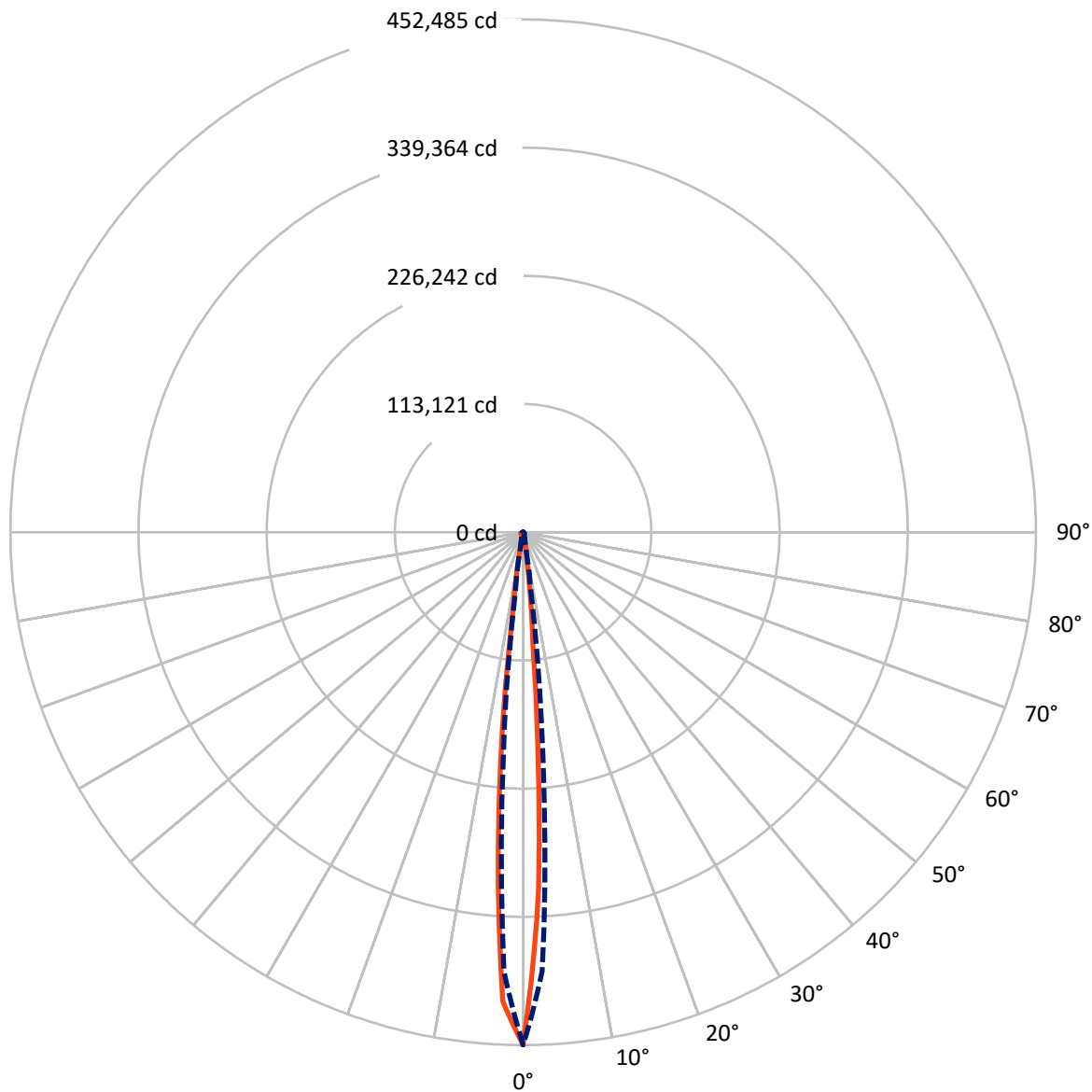
Lumen Table

90																				
80	0.3		4.3		4.7		1.8		0.5		1.8		4.7		4.3		0.3			
70	0.5		1.0	1.2	0.9	0.8	0.6	0.5	0.3	0.3	0.5	0.6	0.8	0.9	1.2	1.0	0.5			
60			0.6	0.9	2.3	4.9	8.1	10.4	11.9	11.9	10.4	8.1	4.9	2.3	0.9	0.6				
50	0.5		0.6	2.6	8.8	17.3	25.2	30.4	33.6	33.6	30.4	25.2	17.3	8.8	2.6	0.6	0.5			
40			1.3	6.7	18.0	29.3	34.3	37.1	38.4	38.4	37.1	34.3	29.3	18.0	6.7	1.3				
30	0.8		2.5	11.4	26.2	33.9	34.9	41.2	49.6	49.6	41.2	34.9	33.9	26.2	11.4	2.5	0.8			
20			3.9	16.0	32.2	36.1	40.8	71.6	122.1	122.1	71.6	40.8	36.1	32.2	16.0	3.9				
10	1.3		5.1	19.6	35.3	37.5	50.3	136.2	2524.8	2524.8	136.2	50.3	37.5	35.3	19.6	5.1	1.3			
0			5.9	21.5	37.1	38.8	52.0	146.8	3681.4	3681.4	146.8	52.0	38.8	37.1	21.5	5.9				
-10	1.8		6.4	22.0	39.1	42.1	46.9	85.3	163.8	163.8	85.3	46.9	42.1	39.1	22.0	6.4	1.8			
-20			6.0	20.9	39.6	47.2	47.3	55.3	67.4	67.4	55.3	47.3	47.2	39.6	20.9	6.0				
-30	2.0		5.3	18.5	37.9	51.9	56.6	58.9	59.4	59.4	58.9	56.6	51.9	37.9	18.5	5.3	2.0			
-40			4.7	14.9	32.1	50.1	60.9	68.2	71.5	71.5	68.2	60.9	50.1	32.1	14.9	4.7				
-50	1.6		4.2	11.5	24.9	42.7	57.3	66.6	70.5	70.5	66.6	57.3	42.7	24.9	11.5	4.2	1.6			
-60			3.9	10.1	20.3	35.6	50.1	60.7	65.6	65.6	60.7	50.1	35.6	20.3	10.1	3.9				
-70	0.7		11.9		35.4		65.6		72.5		65.6		35.4		11.9		0.7			
-80																				
-90																				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-U-11-VI

Luminous Intensity Polar Plot



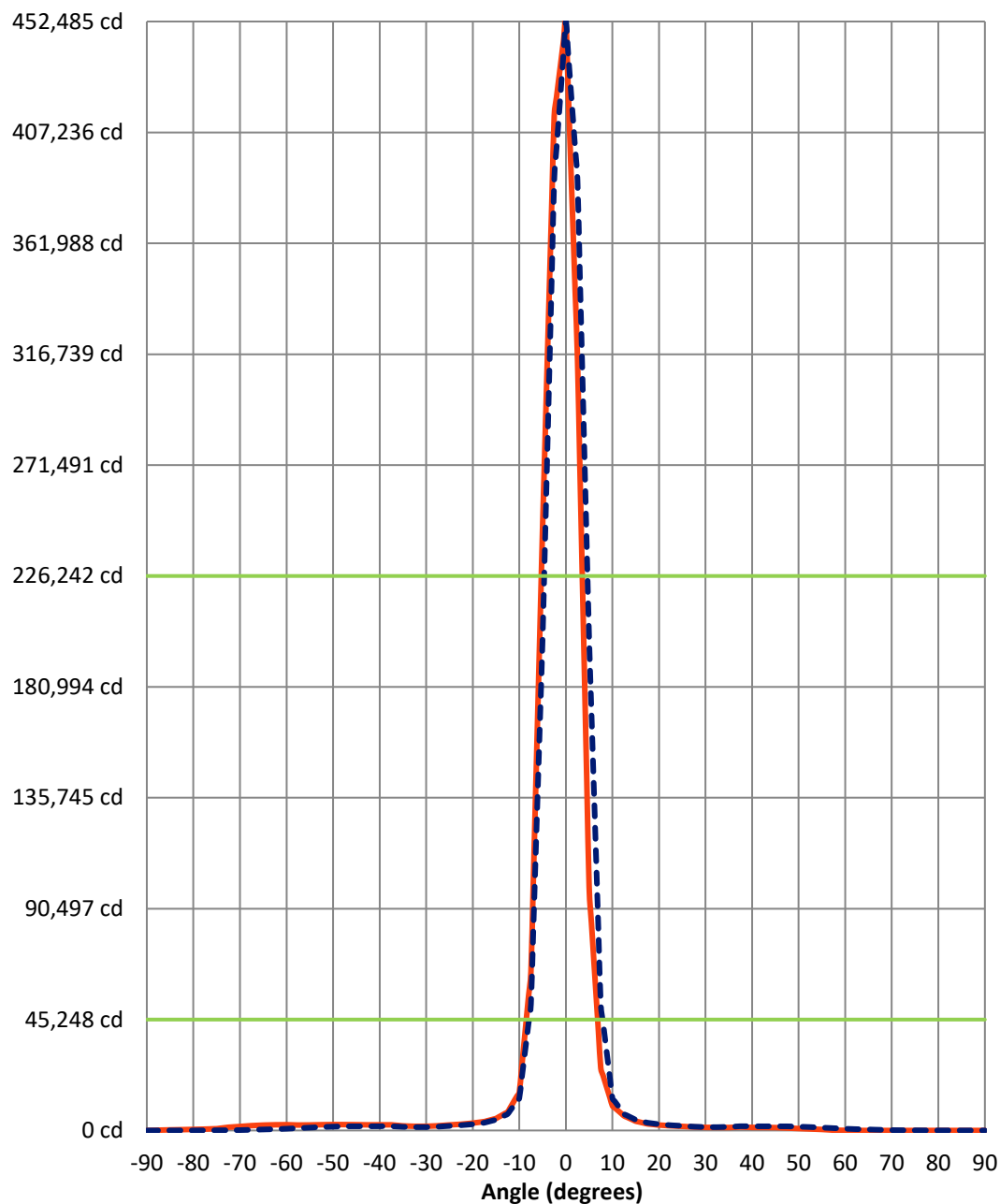
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6974.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 11119

Efficiency: 57.8%

Spill:

Lumens: 8114

Efficiency: 42.2%

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

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-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	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
85°	0.0	4.4	4.4	8.9	8.9	8.9	13.3	17.8	22.2	22.2	26.6
82.5°	0.0	4.4	4.4	8.9	8.9	13.3	13.3	22.2	26.6	31.1	40.0
80°	4.4	4.4	4.4	8.9	8.9	13.3	13.3	17.8	22.2	31.1	35.5
77.5°	0.0	4.4	4.4	4.4	8.9	8.9	8.9	13.3	17.8	22.2	26.6
75°	0.0	4.4	4.4	4.4	8.9	8.9	8.9	8.9	13.3	13.3	17.8
72.5°	0.0	0.0	0.0	4.4	4.4	8.9	8.9	8.9	13.3	13.3	13.3
70°	0.0	0.0	0.0	4.4	4.4	8.9	8.9	8.9	13.3	13.3	13.3
67.5°	0.0	0.0	0.0	4.4	4.4	8.9	8.9	8.9	13.3	13.3	13.3
65°	0.0	0.0	0.0	4.4	4.4	8.9	8.9	13.3	13.3	13.3	13.3
62.5°	4.4	4.4	4.4	8.9	13.3	13.3	17.8	22.2	22.2	22.2	22.2
60°	44.4	48.8	53.3	53.3	48.8	48.8	53.3	53.3	53.3	53.3	53.3
57.5°	119.9	128.8	133.2	133.2	133.2	128.8	146.5	151.0	133.2	124.3	137.6
55°	417.3	430.7	421.8	408.5	381.8	350.7	341.9	337.4	341.9	319.7	284.2
52.5°	608.3	621.6	617.1	608.3	590.5	568.3	550.5	532.8	515.0	479.5	439.5
50°	790.3	794.7	790.3	781.4	763.7	741.5	705.9	666.0	630.5	621.6	586.1
47.5°	994.5	1007.9	1007.9	1003.4	990.1	950.1	896.9	839.1	812.5	803.6	768.1
45°	1176.6	1185.4	1189.9	1194.3	1189.9	1149.9	1101.1	1070.0	1012.3	994.5	994.5
42.5°	1225.4	1229.8	1234.3	1238.7	1252.0	1221.0	1181.0	1127.7	1114.4	1110.0	1101.1
40°	1243.2	1234.3	1238.7	1243.2	1247.6	1225.4	1194.3	1163.2	1154.4	1145.5	1145.5
37.5°	1411.9	1371.9	1340.8	1314.2	1292.0	1269.8	1238.7	1212.1	1189.9	1172.1	1189.9
35°	1203.2	1203.2	1234.3	1260.9	1287.6	1314.2	1318.6	1287.6	1238.7	1216.5	1247.6
32.5°	1229.8	1229.8	1229.8	1238.7	1247.6	1269.8	1292.0	1305.3	1340.8	1300.9	1300.9
30°	1256.5	1260.9	1269.8	1274.2	1260.9	1252.0	1243.2	1243.2	1265.4	1323.1	1354.2
27.5°	1411.9	1411.9	1398.6	1380.8	1340.8	1278.7	1247.6	1203.2	1207.6	1234.3	1309.8
25°	1665.0	1656.1	1625.0	1580.6	1509.6	1420.8	1336.4	1243.2	1203.2	1189.9	1221.0
22.5°	1904.7	1891.4	1851.4	1811.5	1753.7	1665.0	1522.9	1380.8	1256.5	1203.2	1189.9
20°	2211.1	2180.0	2135.6	2073.4	1980.2	1891.4	1767.1	1580.6	1398.6	1260.9	1207.6
17.5°	2703.9	2663.9	2579.6	2468.6	2308.7	2171.1	1993.5	1815.9	1611.7	1389.7	1269.8
15°	3782.8	3680.7	3534.1	3227.8	2912.6	2650.6	2384.2	2086.7	1878.1	1585.0	1403.0
12.5°	5949.4	5669.7	5243.5	4528.7	3822.7	3214.5	2783.8	2402.0	2064.5	1793.7	1536.2
10°	10069.6	9470.2	8293.7	6340.1	5039.3	3920.4	3147.9	2637.3	2211.1	1931.3	1647.2
7.5°	25467.1	20774.1	14700.4	10038.5	6593.2	4790.6	3600.7	2859.3	2366.4	2020.1	1736.0
5°	99257.7	81764.6	43617.3	18203.5	9918.7	5794.0	4009.2	3036.9	2468.6	2086.7	1802.6
2.5°	315013.1	272035.2	142724.0	39186.3	12178.6	6526.6	4288.9	3147.9	2526.3	2135.6	1851.4
0°	452484.7	387795.8	200304.6	51538.0	13208.6	6713.1	4377.7	3170.1	2535.2	2144.5	1851.4
-2.5°	413946.7	362284.4	193493.9	47959.5	13497.2	6766.4	4448.7	3245.5	2601.8	2184.4	1864.7
-5°	245964.3	215746.5	134976.4	34195.9	11992.1	6282.4	4262.3	3178.9	2557.4	2162.2	1855.9
-7.5°	64804.3	56102.2	36904.2	17843.8	7760.9	5314.5	3916.0	3067.9	2499.6	2122.3	1820.3
-10°	15623.9	14807.0	13226.4	8107.2	6042.7	4439.9	3472.0	2868.2	2384.2	2069.0	1762.6
-12.5°	7534.5	7356.9	6677.6	5505.4	4484.3	3689.5	3143.4	2659.5	2277.7	1975.7	1682.7
-15°	4901.6	4799.5	4568.6	4120.2	3600.7	3218.9	2837.1	2446.4	2144.5	1838.1	1616.1
-17.5°	3627.4	3622.9	3507.5	3338.8	3081.3	2797.1	2517.4	2268.8	1975.7	1713.8	1545.1
-20°	3005.8	3005.8	2939.2	2828.2	2646.2	2459.7	2273.2	2042.3	1802.6	1607.2	1536.2

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2552.9	2557.4	2521.8	2450.8	2353.1	2197.7	2015.7	1829.2	1656.1	1585.0	1562.8
-25°	2259.9	2251.0	2211.1	2144.5	2042.3	1918.0	1798.1	1673.8	1625.0	1607.2	1638.3
-27.5°	1913.6	1926.9	1909.1	1878.1	1811.5	1722.7	1696.0	1660.5	1669.4	1696.0	1815.9
-30°	1709.3	1722.7	1740.4	1753.7	1731.5	1709.3	1718.2	1744.9	1802.6	1904.7	1949.1
-32.5°	1709.3	1713.8	1740.4	1767.1	1780.4	1798.1	1847.0	1935.8	2020.1	1993.5	1984.6
-35°	1864.7	1851.4	1886.9	1922.5	1971.3	2033.5	2086.7	2069.0	2037.9	2029.0	2037.9
-37.5°	2308.7	2224.4	2188.9	2166.7	2153.3	2144.5	2131.1	2117.8	2104.5	2095.6	2108.9
-40°	2304.3	2282.1	2259.9	2242.1	2228.8	2211.1	2202.2	2197.7	2184.4	2175.5	2166.7
-42.5°	2295.4	2304.3	2304.3	2299.9	2304.3	2299.9	2286.5	2268.8	2246.6	2228.8	2211.1
-45°	2362.0	2366.4	2375.3	2384.2	2397.5	2379.8	2353.1	2322.1	2291.0	2264.3	2242.1
-47.5°	2402.0	2406.4	2415.3	2428.6	2437.5	2419.7	2384.2	2344.3	2295.4	2251.0	2206.6
-50°	2415.3	2428.6	2433.0	2433.0	2428.6	2406.4	2353.1	2295.4	2242.1	2197.7	2157.8
-52.5°	2353.1	2366.4	2370.9	2362.0	2357.6	2335.4	2286.5	2233.3	2175.5	2144.5	2108.9
-55°	2251.0	2268.8	2282.1	2282.1	2282.1	2277.7	2233.3	2184.4	2140.0	2104.5	2069.0
-57.5°	2211.1	2242.1	2268.8	2273.2	2277.7	2282.1	2251.0	2202.2	2148.9	2095.6	2051.2
-60°	2357.6	2384.2	2397.5	2379.8	2366.4	2353.1	2304.3	2246.6	2193.3	2140.0	2055.7
-62.5°	2317.6	2362.0	2384.2	2370.9	2353.1	2330.9	2277.7	2211.1	2148.9	2091.2	2006.8
-65°	2188.9	2228.8	2255.5	2233.3	2206.6	2175.5	2126.7	2064.5	2006.8	1949.1	1873.6
-67.5°	1971.3	2029.0	2073.4	2024.6	1989.1	1949.1	1909.1	1855.9	1798.1	1731.5	1660.5
-70°	1629.4	1673.8	1713.8	1700.5	1691.6	1682.7	1656.1	1602.8	1554.0	1500.7	1438.5
-72.5°	1309.8	1349.7	1385.2	1363.0	1345.3	1318.6	1278.7	1221.0	1163.2	1105.5	1047.8
-75°	723.7	737.0	750.3	745.9	745.9	745.9	745.9	750.3	741.5	728.1	701.5
-77.5°	555.0	572.7	586.1	594.9	608.3	626.0	639.3	617.1	594.9	572.7	546.1
-80°	435.1	452.9	466.2	515.0	550.5	590.5	617.1	586.1	555.0	528.3	506.1
-82.5°	328.6	341.9	355.2	381.8	399.6	421.8	439.5	439.5	435.1	430.7	417.3
-85°	239.8	257.5	275.3	284.2	297.5	297.5	301.9	284.2	266.4	253.1	235.3
-87.5°	137.6	142.1	142.1	142.1	146.5	146.5	146.5	137.6	133.2	124.3	119.9
-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: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-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°	4.4	4.4	4.4	8.9	8.9	13.3	13.3	17.8	17.8	22.2	22.2
85°	26.6	26.6	26.6	31.1	31.1	35.5	40.0	44.4	48.8	48.8	53.3
82.5°	44.4	48.8	53.3	57.7	62.2	66.6	71.0	75.5	88.8	97.7	102.1
80°	44.4	48.8	62.2	71.0	79.9	88.8	88.8	88.8	88.8	93.2	102.1
77.5°	31.1	35.5	40.0	48.8	71.0	88.8	102.1	111.0	102.1	97.7	88.8
75°	17.8	22.2	26.6	31.1	44.4	62.2	84.4	106.6	124.3	119.9	111.0
72.5°	17.8	17.8	22.2	26.6	31.1	35.5	40.0	62.2	88.8	111.0	124.3
70°	17.8	22.2	22.2	26.6	31.1	35.5	40.0	48.8	62.2	88.8	115.4
67.5°	17.8	22.2	22.2	31.1	40.0	44.4	48.8	44.4	40.0	57.7	84.4
65°	17.8	17.8	22.2	26.6	31.1	35.5	48.8	48.8	44.4	44.4	44.4
62.5°	26.6	26.6	26.6	26.6	31.1	31.1	31.1	40.0	40.0	40.0	40.0
60°	53.3	48.8	48.8	48.8	48.8	40.0	40.0	40.0	35.5	40.0	35.5
57.5°	128.8	106.6	97.7	97.7	84.4	79.9	66.6	48.8	48.8	40.0	40.0
55°	262.0	248.6	208.7	173.2	155.4	137.6	106.6	88.8	66.6	53.3	48.8
52.5°	404.0	368.5	333.0	288.6	244.2	208.7	177.6	137.6	111.0	79.9	62.2
50°	528.3	497.3	457.3	408.5	350.7	306.4	262.0	208.7	164.3	124.3	88.8
47.5°	719.3	657.1	608.3	550.5	483.9	421.8	364.1	301.9	230.9	182.0	137.6
45°	923.5	834.7	768.1	714.8	626.0	541.7	475.1	408.5	324.1	239.8	186.5
42.5°	1065.6	999.0	910.2	839.1	759.2	670.4	581.6	510.6	421.8	324.1	239.8
40°	1141.0	1096.6	1025.6	963.5	879.1	781.4	688.2	617.1	523.9	417.3	301.9
37.5°	1198.8	1176.6	1141.0	1092.2	1012.3	896.9	803.6	719.3	639.3	515.0	390.7
35°	1265.4	1260.9	1238.7	1216.5	1149.9	1038.9	927.9	830.3	732.6	617.1	479.5
32.5°	1327.5	1323.1	1309.8	1300.9	1274.2	1176.6	1056.7	945.7	834.7	714.8	563.9
30°	1358.6	1349.7	1349.7	1358.6	1332.0	1269.8	1181.0	1061.1	936.8	794.7	652.7
27.5°	1358.6	1349.7	1354.2	1367.5	1363.0	1332.0	1265.4	1167.7	1030.0	870.2	732.6
25°	1300.9	1345.3	1345.3	1363.0	1367.5	1358.6	1323.1	1260.9	1118.8	950.1	794.7
22.5°	1221.0	1327.5	1367.5	1363.0	1367.5	1389.7	1394.1	1336.4	1203.2	1030.0	856.9
20°	1221.0	1296.4	1411.9	1380.8	1389.7	1438.5	1460.7	1411.9	1292.0	1105.5	919.1
17.5°	1247.6	1296.4	1394.1	1443.0	1456.3	1496.2	1531.8	1500.7	1371.9	1185.4	1003.4
15°	1323.1	1314.2	1380.8	1500.7	1522.9	1554.0	1593.9	1558.4	1443.0	1274.2	1083.3
12.5°	1376.4	1327.5	1380.8	1509.6	1580.6	1611.7	1625.0	1598.4	1505.1	1354.2	1163.2
10°	1447.4	1363.0	1389.7	1500.7	1602.8	1625.0	1638.3	1629.4	1562.8	1420.8	1234.3
7.5°	1500.7	1380.8	1380.8	1487.4	1625.0	1642.8	1651.6	1660.5	1611.7	1478.5	1296.4
5°	1522.9	1380.8	1371.9	1474.0	1647.2	1665.0	1665.0	1678.3	1647.2	1522.9	1340.8
2.5°	1527.3	1376.4	1363.0	1465.2	1687.1	1687.1	1678.3	1691.6	1673.8	1549.5	1371.9
0°	1549.5	1371.9	1358.6	1478.5	1731.5	1713.8	1691.6	1696.0	1687.1	1562.8	1389.7
-2.5°	1549.5	1394.1	1376.4	1487.4	1727.1	1722.7	1713.8	1718.2	1709.3	1602.8	1425.2
-5°	1571.7	1425.2	1407.4	1527.3	1722.7	1736.0	1740.4	1740.4	1727.1	1629.4	1447.4
-7.5°	1576.2	1447.4	1443.0	1567.3	1731.5	1753.7	1767.1	1775.9	1749.3	1647.2	1465.2
-10°	1554.0	1456.3	1478.5	1616.1	1740.4	1771.5	1798.1	1811.5	1767.1	1656.1	1474.0
-12.5°	1505.1	1456.3	1514.0	1678.3	1762.6	1798.1	1838.1	1842.5	1784.8	1660.5	1478.5
-15°	1500.7	1491.8	1576.2	1740.4	1775.9	1820.3	1882.5	1869.2	1798.1	1660.5	1478.5
-17.5°	1496.2	1540.6	1669.4	1762.6	1798.1	1847.0	1895.8	1882.5	1807.0	1660.5	1469.6
-20°	1536.2	1620.6	1780.4	1784.8	1824.8	1878.1	1904.7	1878.1	1793.7	1647.2	1456.3

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-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°	1602.8	1762.6	1815.9	1833.7	1869.2	1909.1	1922.5	1882.5	1780.4	1625.0	1434.1
-25°	1771.5	1851.4	1851.4	1891.4	1926.9	1944.7	1931.3	1886.9	1762.6	1602.8	1411.9
-27.5°	1900.3	1895.8	1918.0	1958.0	1989.1	1989.1	1953.5	1864.7	1736.0	1580.6	1380.8
-30°	1949.1	1953.5	1984.6	2029.0	2037.9	2015.7	1962.4	1847.0	1713.8	1545.1	1340.8
-32.5°	1997.9	2015.7	2055.7	2077.9	2082.3	2037.9	1940.2	1815.9	1678.3	1505.1	1296.4
-35°	2055.7	2091.2	2113.4	2117.8	2095.6	2020.1	1909.1	1775.9	1625.0	1447.4	1256.5
-37.5°	2131.1	2148.9	2162.2	2144.5	2082.3	1993.5	1855.9	1722.7	1576.2	1385.2	1198.8
-40°	2180.0	2188.9	2193.3	2135.6	2060.1	1931.3	1798.1	1660.5	1491.8	1314.2	1136.6
-42.5°	2211.1	2202.2	2166.7	2104.5	1993.5	1869.2	1740.4	1585.0	1416.3	1243.2	1070.0
-45°	2202.2	2171.1	2117.8	2042.3	1926.9	1802.6	1651.6	1496.2	1336.4	1167.7	994.5
-47.5°	2166.7	2117.8	2051.2	1962.4	1855.9	1704.9	1554.0	1403.0	1247.6	1083.3	923.5
-50°	2122.3	2064.5	1984.6	1873.6	1731.5	1593.9	1456.3	1309.8	1149.9	999.0	856.9
-52.5°	2073.4	2011.3	1909.1	1784.8	1629.4	1487.4	1354.2	1212.1	1065.6	923.5	799.2
-55°	2020.1	1958.0	1842.5	1700.5	1545.1	1389.7	1260.9	1141.0	999.0	861.3	750.3
-57.5°	1993.5	1913.6	1793.7	1651.6	1487.4	1327.5	1216.5	1087.8	959.0	816.9	710.4
-60°	1971.3	1891.4	1780.4	1616.1	1460.7	1309.8	1181.0	1056.7	919.1	785.9	679.3
-62.5°	1909.1	1824.8	1722.7	1562.8	1411.9	1274.2	1158.8	1012.3	879.1	754.8	657.1
-65°	1784.8	1696.0	1607.2	1465.2	1327.5	1198.8	1083.3	950.1	825.8	719.3	634.9
-67.5°	1589.5	1514.0	1434.1	1314.2	1198.8	1083.3	976.8	861.3	759.2	683.7	639.3
-70°	1371.9	1292.0	1212.1	1114.4	1016.7	923.5	839.1	754.8	688.2	648.2	612.7
-72.5°	999.0	963.5	923.5	848.0	768.1	710.4	670.4	634.9	586.1	550.5	528.3
-75°	666.0	617.1	555.0	528.3	532.8	523.9	501.7	475.1	452.9	439.5	408.5
-77.5°	519.5	492.8	461.7	430.7	417.3	404.0	386.3	364.1	346.3	315.2	270.8
-80°	479.5	457.3	435.1	412.9	390.7	359.6	324.1	288.6	270.8	257.5	253.1
-82.5°	395.1	368.5	341.9	319.7	288.6	266.4	244.2	226.4	226.4	222.0	217.6
-85°	226.4	217.6	204.2	195.4	186.5	173.2	159.8	151.0	146.5	142.1	137.6
-87.5°	115.4	111.0	102.1	97.7	93.2	88.8	79.9	75.5	71.0	71.0	66.6
-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: P723849

CATALOG NUMBER: IFLD-S-SA6D-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°	22.2	22.2	17.8	17.8	17.8	13.3	8.9	8.9	4.4	4.4	0.0
85°	53.3	44.4	40.0	35.5	35.5	26.6	17.8	13.3	8.9	4.4	4.4
82.5°	102.1	88.8	75.5	66.6	53.3	40.0	31.1	22.2	13.3	8.9	4.4
80°	115.4	115.4	111.0	93.2	75.5	57.7	40.0	26.6	17.8	13.3	8.9
77.5°	88.8	97.7	97.7	97.7	93.2	71.0	48.8	31.1	17.8	13.3	8.9
75°	102.1	88.8	84.4	88.8	84.4	71.0	57.7	35.5	22.2	17.8	8.9
72.5°	124.3	106.6	93.2	88.8	79.9	66.6	53.3	40.0	22.2	17.8	13.3
70°	115.4	111.0	102.1	93.2	79.9	66.6	53.3	40.0	26.6	17.8	13.3
67.5°	102.1	102.1	102.1	93.2	79.9	62.2	48.8	35.5	26.6	17.8	13.3
65°	71.0	84.4	93.2	88.8	79.9	62.2	48.8	35.5	26.6	22.2	13.3
62.5°	44.4	57.7	75.5	84.4	75.5	62.2	44.4	35.5	26.6	22.2	13.3
60°	40.0	44.4	53.3	66.6	71.0	57.7	44.4	31.1	26.6	22.2	13.3
57.5°	40.0	40.0	44.4	53.3	57.7	53.3	40.0	26.6	26.6	22.2	17.8
55°	44.4	40.0	40.0	44.4	48.8	48.8	40.0	26.6	26.6	22.2	17.8
52.5°	53.3	44.4	40.0	40.0	40.0	44.4	35.5	26.6	26.6	22.2	17.8
50°	66.6	53.3	48.8	40.0	40.0	40.0	35.5	26.6	22.2	22.2	17.8
47.5°	88.8	71.0	53.3	48.8	40.0	35.5	31.1	26.6	22.2	22.2	17.8
45°	133.2	84.4	71.0	53.3	44.4	40.0	35.5	26.6	22.2	22.2	17.8
42.5°	182.0	124.3	88.8	62.2	48.8	40.0	35.5	31.1	22.2	22.2	17.8
40°	230.9	168.7	111.0	79.9	57.7	44.4	35.5	31.1	26.6	22.2	17.8
37.5°	284.2	208.7	146.5	102.1	66.6	48.8	40.0	31.1	26.6	22.2	17.8
35°	350.7	262.0	182.0	124.3	79.9	57.7	44.4	31.1	26.6	22.2	17.8
32.5°	426.2	310.8	217.6	151.0	102.1	71.0	48.8	35.5	26.6	22.2	17.8
30°	497.3	368.5	257.5	182.0	124.3	79.9	53.3	35.5	26.6	22.2	13.3
27.5°	568.3	426.2	306.4	213.1	151.0	93.2	57.7	40.0	26.6	22.2	17.8
25°	639.3	483.9	355.2	244.2	173.2	111.0	71.0	44.4	26.6	22.2	17.8
22.5°	701.5	541.7	399.6	279.7	199.8	128.8	79.9	48.8	31.1	22.2	17.8
20°	772.5	603.8	448.4	319.7	222.0	146.5	88.8	53.3	31.1	22.2	17.8
17.5°	839.1	666.0	497.3	355.2	248.6	164.3	102.1	57.7	35.5	22.2	17.8
15°	905.7	723.7	541.7	390.7	275.3	182.0	111.0	62.2	40.0	22.2	17.8
12.5°	967.9	777.0	581.6	421.8	297.5	199.8	119.9	66.6	44.4	22.2	17.8
10°	1025.6	825.8	621.6	448.4	319.7	213.1	128.8	75.5	48.8	22.2	17.8
7.5°	1083.3	865.8	652.7	475.1	346.3	230.9	137.6	79.9	53.3	26.6	17.8
5°	1118.8	901.3	679.3	497.3	368.5	248.6	146.5	84.4	57.7	26.6	17.8
2.5°	1149.9	927.9	697.1	519.5	390.7	262.0	146.5	88.8	62.2	26.6	17.8
0°	1167.7	945.7	710.4	532.8	408.5	270.8	151.0	93.2	66.6	26.6	17.8
-2.5°	1207.6	976.8	741.5	550.5	426.2	297.5	159.8	97.7	71.0	31.1	17.8
-5°	1234.3	994.5	763.7	568.3	439.5	324.1	173.2	106.6	79.9	40.0	22.2
-7.5°	1256.5	1012.3	781.4	577.2	452.9	333.0	177.6	111.0	84.4	44.4	22.2
-10°	1260.9	1021.2	794.7	590.5	461.7	346.3	182.0	115.4	88.8	48.8	22.2
-12.5°	1265.4	1030.0	799.2	599.4	470.6	355.2	186.5	119.9	93.2	53.3	22.2
-15°	1260.9	1025.6	799.2	608.3	475.1	346.3	195.4	124.3	97.7	57.7	22.2
-17.5°	1252.0	1021.2	794.7	603.8	470.6	337.4	199.8	133.2	97.7	62.2	26.6
-20°	1238.7	1007.9	785.9	599.4	466.2	328.6	204.2	137.6	102.1	62.2	26.6

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-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°	1216.5	985.7	768.1	586.1	457.3	319.7	204.2	146.5	106.6	62.2	26.6
-25°	1189.9	963.5	750.3	568.3	444.0	306.4	204.2	151.0	111.0	62.2	26.6
-27.5°	1158.8	941.3	723.7	555.0	426.2	297.5	204.2	155.4	115.4	62.2	26.6
-30°	1123.3	910.2	701.5	532.8	412.9	297.5	208.7	159.8	119.9	62.2	26.6
-32.5°	1087.8	879.1	674.9	515.0	395.1	293.0	208.7	164.3	124.3	57.7	31.1
-35°	1047.8	843.6	652.7	501.7	381.8	284.2	213.1	164.3	119.9	57.7	31.1
-37.5°	999.0	799.2	630.5	488.4	372.9	275.3	213.1	168.7	115.4	57.7	31.1
-40°	945.7	763.7	603.8	470.6	359.6	270.8	213.1	168.7	111.0	57.7	35.5
-42.5°	888.0	723.7	577.2	452.9	346.3	266.4	213.1	168.7	106.6	57.7	35.5
-45°	834.7	683.7	546.1	430.7	333.0	266.4	213.1	164.3	97.7	62.2	35.5
-47.5°	777.0	639.3	510.6	408.5	328.6	262.0	208.7	155.4	88.8	62.2	35.5
-50°	728.1	594.9	483.9	386.3	319.7	266.4	213.1	142.1	88.8	62.2	35.5
-52.5°	679.3	563.9	452.9	377.4	310.8	270.8	208.7	133.2	88.8	62.2	35.5
-55°	639.3	532.8	435.1	364.1	319.7	279.7	199.8	119.9	88.8	62.2	35.5
-57.5°	608.3	515.0	421.8	368.5	333.0	270.8	186.5	115.4	88.8	57.7	35.5
-60°	586.1	497.3	426.2	386.3	337.4	257.5	177.6	115.4	88.8	57.7	31.1
-62.5°	568.3	501.7	448.4	399.6	319.7	239.8	168.7	115.4	79.9	53.3	31.1
-65°	572.7	519.5	457.3	381.8	306.4	222.0	155.4	111.0	75.5	48.8	31.1
-67.5°	586.1	506.1	430.7	359.6	275.3	199.8	142.1	102.1	71.0	48.8	31.1
-70°	541.7	466.2	390.7	306.4	235.3	173.2	133.2	93.2	62.2	44.4	31.1
-72.5°	488.4	390.7	310.8	248.6	199.8	159.8	119.9	84.4	57.7	40.0	26.6
-75°	355.2	284.2	230.9	208.7	177.6	142.1	106.6	75.5	53.3	40.0	26.6
-77.5°	253.1	235.3	213.1	190.9	159.8	124.3	93.2	71.0	48.8	35.5	22.2
-80°	248.6	226.4	199.8	164.3	133.2	106.6	79.9	62.2	44.4	31.1	17.8
-82.5°	208.7	177.6	151.0	124.3	102.1	84.4	66.6	48.8	35.5	22.2	13.3
-85°	128.8	111.0	97.7	84.4	71.0	57.7	44.4	31.1	22.2	13.3	8.9
-87.5°	62.2	57.7	48.8	40.0	35.5	26.6	22.2	17.8	13.3	8.9	4.4
-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: P723849

CATALOG NUMBER: IFLD-S-SA6D-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°	4.4	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	8.9	4.4	4.4	0.0
67.5°	8.9	4.4	4.4	0.0
65°	8.9	4.4	4.4	0.0
62.5°	8.9	4.4	4.4	0.0
60°	8.9	4.4	4.4	0.0
57.5°	8.9	4.4	4.4	0.0
55°	8.9	4.4	4.4	0.0
52.5°	8.9	4.4	4.4	0.0
50°	8.9	4.4	4.4	0.0
47.5°	8.9	8.9	4.4	0.0
45°	8.9	8.9	4.4	0.0
42.5°	8.9	8.9	4.4	0.0
40°	8.9	8.9	4.4	0.0
37.5°	8.9	8.9	4.4	0.0
35°	8.9	8.9	4.4	0.0
32.5°	13.3	8.9	4.4	0.0
30°	13.3	8.9	8.9	0.0
27.5°	13.3	8.9	8.9	0.0
25°	13.3	8.9	8.9	0.0
22.5°	13.3	8.9	8.9	0.0
20°	13.3	8.9	8.9	0.0
17.5°	13.3	8.9	8.9	0.0
15°	13.3	8.9	8.9	0.0
12.5°	13.3	8.9	8.9	0.0
10°	13.3	8.9	8.9	0.0
7.5°	13.3	8.9	8.9	0.0
5°	13.3	8.9	8.9	0.0
2.5°	13.3	8.9	8.9	0.0
0°	13.3	8.9	8.9	0.0
-2.5°	13.3	8.9	8.9	0.0
-5°	13.3	8.9	8.9	0.0
-7.5°	13.3	8.9	8.9	0.0
-10°	13.3	8.9	8.9	0.0
-12.5°	17.8	8.9	8.9	0.0
-15°	17.8	8.9	8.9	0.0
-17.5°	17.8	8.9	8.9	0.0
-20°	17.8	8.9	8.9	0.0

REPORT NUMBER: P723849

CATALOG NUMBER: IFLD-S-SA6D-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.8	8.9	8.9	0.0
-25°	17.8	8.9	8.9	0.0
-27.5°	17.8	8.9	8.9	0.0
-30°	17.8	8.9	8.9	0.0
-32.5°	17.8	8.9	8.9	0.0
-35°	17.8	8.9	8.9	0.0
-37.5°	17.8	8.9	8.9	0.0
-40°	17.8	8.9	8.9	0.0
-42.5°	13.3	8.9	4.4	0.0
-45°	17.8	8.9	4.4	0.0
-47.5°	17.8	8.9	4.4	0.0
-50°	17.8	8.9	4.4	0.0
-52.5°	17.8	8.9	4.4	0.0
-55°	17.8	8.9	4.4	0.0
-57.5°	17.8	8.9	4.4	0.0
-60°	17.8	8.9	4.4	0.0
-62.5°	17.8	8.9	4.4	0.0
-65°	17.8	8.9	4.4	0.0
-67.5°	17.8	8.9	4.4	0.0
-70°	17.8	4.4	4.4	0.0
-72.5°	13.3	4.4	4.4	0.0
-75°	13.3	4.4	4.4	0.0
-77.5°	8.9	4.4	0.0	0.0
-80°	8.9	4.4	0.0	0.0
-82.5°	8.9	4.4	0.0	0.0
-85°	4.4	0.0	0.0	0.0
-87.5°	4.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)