

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: P723848

Luminaire Tested: **IFLD-S-SA6C-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723848
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-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:	17478.9 lumens	Max Intensity:	411216.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.4 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:	6338.6 lumens	Field Lumens:	10104.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

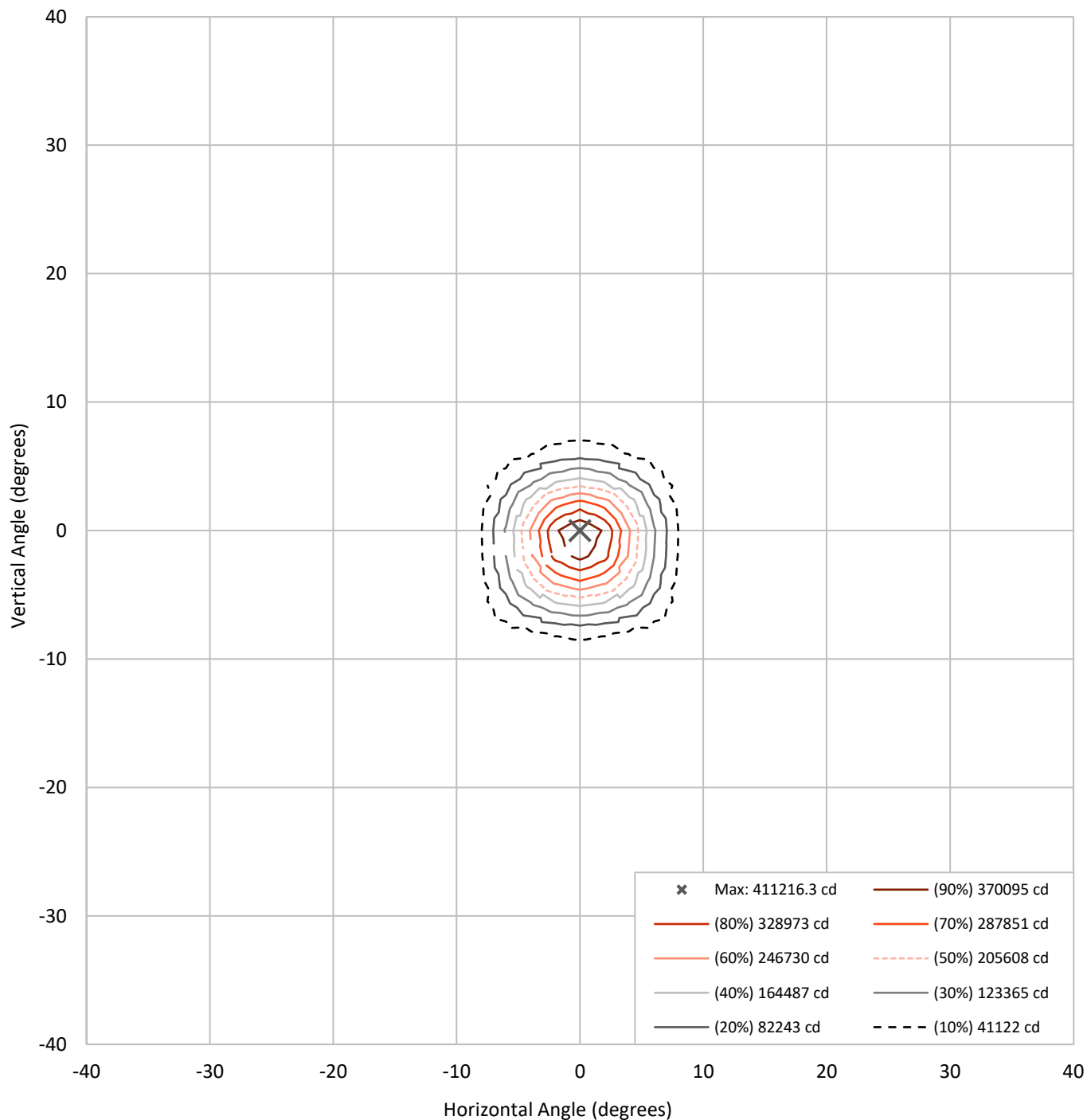
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-830-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-830-U-11-VI

Lumen Table

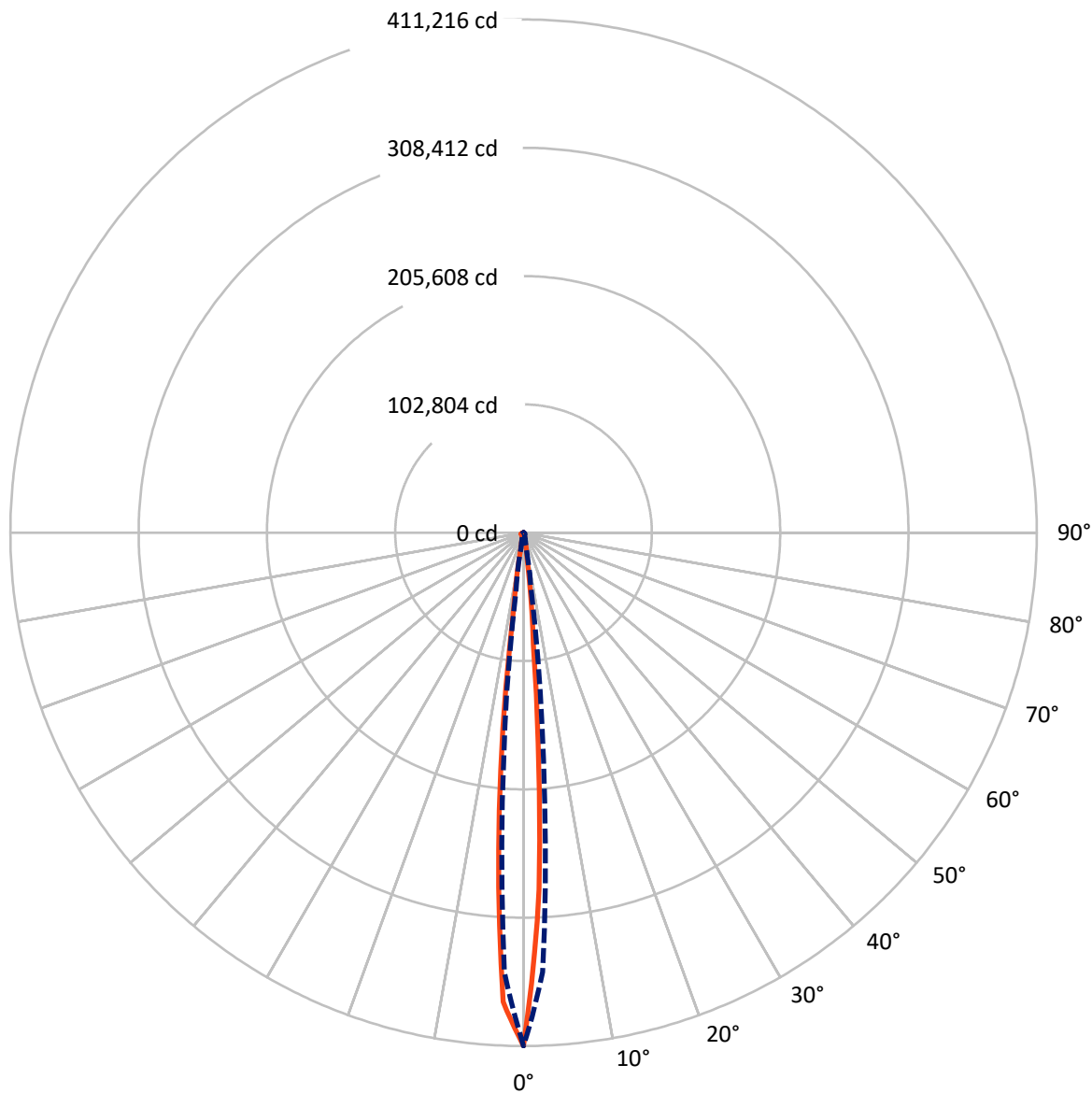
90																	
80	0.3	3.9		4.2		1.6		0.4		1.6		4.2		3.9		0.3	
70	0.4	0.9	1.1	0.8	0.7	0.6	0.4	0.2	0.2	0.4	0.6	0.7	0.8	1.1	0.9	0.4	
60		0.6	0.8	2.0	4.5	7.4	9.5	10.8	10.8	9.5	7.4	4.5	2.0	0.8	0.6		
50	0.4	0.6	2.4	8.0	15.7	22.9	27.6	30.6	30.6	27.6	22.9	15.7	8.0	2.4	0.6	0.4	
40		1.2	6.1	16.3	26.6	31.2	33.7	34.9	34.9	33.7	31.2	26.6	16.3	6.1	1.2		
30	0.7	2.3	10.4	23.8	30.8	31.7	37.4	45.1	45.1	37.4	31.7	30.8	23.8	10.4	2.3	0.7	
20		3.6	14.5	29.2	32.8	37.0	65.1	110.9	110.9	65.1	37.0	32.8	29.2	14.5	3.6		
10	1.2	4.6	17.8	32.1	34.1	45.7	123.8	2294.5	2294.5	123.8	45.7	34.1	32.1	17.8	4.6	1.2	
0		5.4	19.5	33.7	35.3	47.3	133.4	3345.7	3345.7	133.4	47.3	35.3	33.7	19.5	5.4		
-10	1.7	5.8	20.0	35.5	38.2	42.6	77.5	148.8	148.8	77.5	42.6	38.2	35.5	20.0	5.8	1.7	
-20		5.4	19.0	36.0	42.9	43.0	50.2	61.3	61.3	50.2	43.0	42.9	36.0	19.0	5.4		
-30	1.8	4.8	16.8	34.4	47.2	51.4	53.5	54.0	54.0	53.5	51.4	47.2	34.4	16.8	4.8	1.8	
-40		4.2	13.5	29.2	45.5	55.3	62.0	65.0	65.0	62.0	55.3	45.5	29.2	13.5	4.2		
-50	1.5	3.8	10.4	22.6	38.8	52.1	60.5	64.0	64.0	60.5	52.1	38.8	22.6	10.4	3.8	1.5	
-60		3.6	9.2	18.5	32.4	45.6	55.1	59.6	59.6	55.1	45.6	32.4	18.5	9.2	3.6		
-70																	
-80		10.8		32.2		59.6		65.8		59.6		32.2		10.8			
-90	0.7	0.7															

Horizontal Angle (degrees)

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-830-U-11-VI

Luminous Intensity Polar Plot



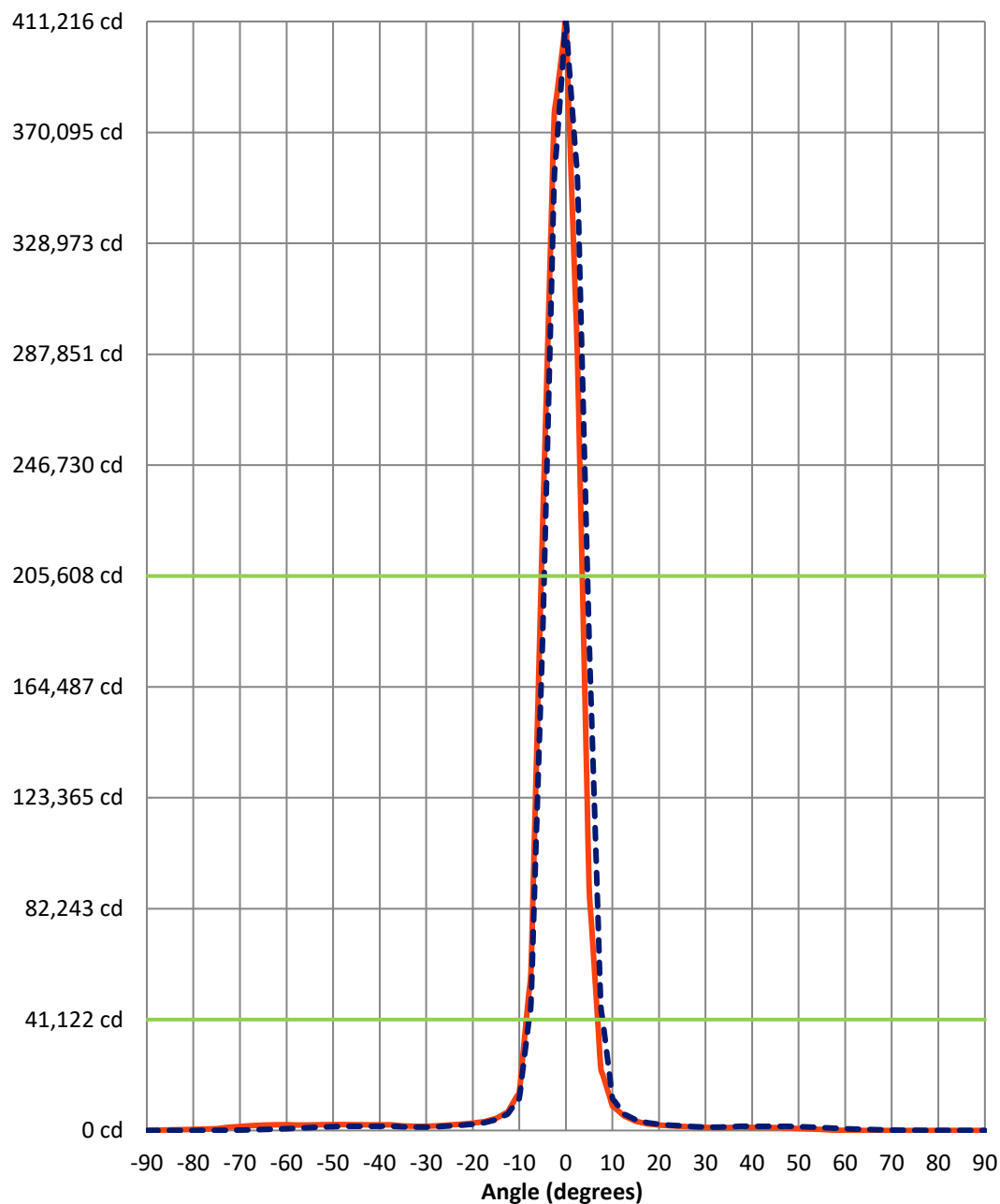
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 6338.6

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 10104.9

Efficiency: 57.8%

Spill:

Lumens: 7374

Efficiency: 42.2%

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

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-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	4.0	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	8.1	8.1	8.1	12.1	16.1	20.2	20.2	24.2
82.5°	0.0	4.0	4.0	8.1	8.1	12.1	12.1	20.2	24.2	28.2	36.3
80°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.1	20.2	28.2	32.3
77.5°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	12.1	16.1	20.2	24.2
75°	0.0	4.0	4.0	4.0	8.1	8.1	8.1	8.1	12.1	12.1	16.1
72.5°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
70°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
67.5°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	8.1	12.1	12.1	12.1
65°	0.0	0.0	0.0	4.0	4.0	8.1	8.1	12.1	12.1	12.1	12.1
62.5°	4.0	4.0	4.0	8.1	12.1	12.1	16.1	20.2	20.2	20.2	20.2
60°	40.3	44.4	48.4	48.4	44.4	44.4	48.4	48.4	48.4	48.4	48.4
57.5°	108.9	117.0	121.0	121.0	121.0	117.0	133.2	137.2	121.0	113.0	125.1
55°	379.3	391.4	383.3	371.2	347.0	318.8	310.7	306.7	310.7	290.5	258.2
52.5°	552.8	564.9	560.9	552.8	536.6	516.5	500.3	484.2	468.1	435.8	399.5
50°	718.2	722.3	718.2	710.1	694.0	673.8	641.6	605.2	573.0	564.9	532.6
47.5°	903.8	915.9	915.9	911.9	899.8	863.5	815.1	762.6	738.4	730.3	698.0
45°	1069.3	1077.3	1081.4	1085.4	1081.4	1045.0	1000.7	972.4	920.0	903.8	903.8
42.5°	1113.6	1117.7	1121.7	1125.7	1137.9	1109.6	1073.3	1024.9	1012.8	1008.7	1000.7
40°	1129.8	1121.7	1125.7	1129.8	1133.8	1113.6	1085.4	1057.2	1049.1	1041.0	1041.0
37.5°	1283.1	1246.8	1218.6	1194.3	1174.2	1154.0	1125.7	1101.5	1081.4	1065.2	1081.4
35°	1093.5	1093.5	1121.7	1145.9	1170.1	1194.3	1198.4	1170.1	1125.7	1105.6	1133.8
32.5°	1117.7	1117.7	1117.7	1125.7	1133.8	1154.0	1174.2	1186.3	1218.6	1182.2	1182.2
30°	1141.9	1145.9	1154.0	1158.0	1145.9	1137.9	1129.8	1129.8	1150.0	1202.4	1230.7
27.5°	1283.1	1283.1	1271.0	1254.9	1218.6	1162.1	1133.8	1093.5	1097.5	1121.7	1190.3
25°	1513.1	1505.0	1476.8	1436.4	1371.9	1291.2	1214.5	1129.8	1093.5	1081.4	1109.6
22.5°	1731.0	1718.9	1682.6	1646.3	1593.8	1513.1	1384.0	1254.9	1141.9	1093.5	1081.4
20°	2009.4	1981.2	1940.8	1884.3	1799.6	1718.9	1605.9	1436.4	1271.0	1145.9	1097.5
17.5°	2457.3	2421.0	2344.3	2243.4	2098.2	1973.1	1811.7	1650.3	1464.7	1262.9	1154.0
15°	3437.8	3345.0	3211.8	2933.4	2646.9	2408.9	2166.8	1896.4	1706.8	1440.5	1275.0
12.5°	5406.8	5152.6	4765.3	4115.6	3474.1	2921.3	2529.9	2182.9	1876.2	1630.1	1396.1
10°	9151.2	8606.5	7537.3	5761.9	4579.6	3562.8	2860.8	2396.8	2009.4	1755.2	1497.0
7.5°	23144.4	18879.5	13359.7	9123.0	5991.9	4353.7	3272.3	2598.5	2150.6	1835.9	1577.7
5°	90205.0	74307.3	39639.2	16543.2	9014.0	5265.6	3643.5	2759.9	2243.4	1896.4	1638.2
2.5°	286282.6	247224.4	129707.0	35612.3	11067.8	5931.4	3897.7	2860.8	2295.9	1940.8	1682.6
0°	411216.3	352427.3	182036.0	46837.5	12003.9	6100.8	3978.4	2880.9	2303.9	1948.9	1682.6
-2.5°	376193.0	329242.5	175846.5	43585.4	12266.2	6149.2	4043.0	2949.5	2364.5	1985.2	1694.7
-5°	223531.3	196069.5	122666.0	31077.1	10898.4	5709.4	3873.5	2889.0	2324.1	1965.0	1686.6
-7.5°	58893.9	50985.4	33538.4	16216.4	7053.1	4829.8	3558.8	2788.1	2271.7	1928.7	1654.3
-10°	14198.9	13456.5	12020.1	7367.8	5491.5	4034.9	3155.3	2606.6	2166.8	1880.3	1601.9
-12.5°	6847.3	6685.9	6068.5	5003.3	4075.3	3353.0	2856.7	2416.9	2069.9	1795.5	1529.2
-15°	4454.6	4361.8	4151.9	3744.4	3272.3	2925.3	2578.3	2223.2	1948.9	1670.5	1468.7
-17.5°	3296.5	3292.5	3187.6	3034.3	2800.2	2542.0	2287.8	2061.9	1795.5	1557.5	1404.2
-20°	2731.7	2731.7	2671.1	2570.3	2404.8	2235.4	2065.9	1856.1	1638.2	1460.6	1396.1

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	2320.1	2324.1	2291.8	2227.3	2138.5	1997.3	1831.9	1662.4	1505.0	1440.5	1420.3
-25°	2053.8	2045.7	2009.4	1948.9	1856.1	1743.1	1634.1	1521.2	1476.8	1460.6	1488.9
-27.5°	1739.1	1751.2	1735.0	1706.8	1646.3	1565.6	1541.3	1509.1	1517.1	1541.3	1650.3
-30°	1553.4	1565.6	1581.7	1593.8	1573.6	1553.4	1561.5	1585.7	1638.2	1731.0	1771.3
-32.5°	1553.4	1557.5	1581.7	1605.9	1618.0	1634.1	1678.5	1759.2	1835.9	1811.7	1803.6
-35°	1694.7	1682.6	1714.8	1747.1	1791.5	1848.0	1896.4	1880.3	1852.0	1844.0	1852.0
-37.5°	2098.2	2021.5	1989.2	1969.0	1956.9	1948.9	1936.8	1924.7	1912.6	1904.5	1916.6
-40°	2094.1	2074.0	2053.8	2037.6	2025.5	2009.4	2001.3	1997.3	1985.2	1977.1	1969.0
-42.5°	2086.1	2094.1	2094.1	2090.1	2094.1	2090.1	2078.0	2061.9	2041.7	2025.5	2009.4
-45°	2146.6	2150.6	2158.7	2166.8	2178.9	2162.7	2138.5	2110.3	2082.0	2057.8	2037.6
-47.5°	2182.9	2186.9	2195.0	2207.1	2215.2	2199.0	2166.8	2130.4	2086.1	2045.7	2005.4
-50°	2195.0	2207.1	2211.1	2211.1	2207.1	2186.9	2138.5	2086.1	2037.6	1997.3	1961.0
-52.5°	2138.5	2150.6	2154.7	2146.6	2142.5	2122.4	2078.0	2029.6	1977.1	1948.9	1916.6
-55°	2045.7	2061.9	2074.0	2074.0	2074.0	2069.9	2029.6	1985.2	1944.8	1912.6	1880.3
-57.5°	2009.4	2037.6	2061.9	2065.9	2069.9	2074.0	2045.7	2001.3	1952.9	1904.5	1864.1
-60°	2142.5	2166.8	2178.9	2162.7	2150.6	2138.5	2094.1	2041.7	1993.3	1944.8	1868.2
-62.5°	2106.2	2146.6	2166.8	2154.7	2138.5	2118.3	2069.9	2009.4	1952.9	1900.5	1823.8
-65°	1989.2	2025.5	2049.7	2029.6	2005.4	1977.1	1932.7	1876.2	1823.8	1771.3	1702.7
-67.5°	1791.5	1844.0	1884.3	1839.9	1807.7	1771.3	1735.0	1686.6	1634.1	1573.6	1509.1
-70°	1480.8	1521.2	1557.5	1545.4	1537.3	1529.2	1505.0	1456.6	1412.2	1363.8	1307.3
-72.5°	1190.3	1226.6	1258.9	1238.7	1222.6	1198.4	1162.1	1109.6	1057.2	1004.7	952.2
-75°	657.7	669.8	681.9	677.9	677.9	677.9	677.9	681.9	673.8	661.7	637.5
-77.5°	504.4	520.5	532.6	540.7	552.8	568.9	581.0	560.9	540.7	520.5	496.3
-80°	395.4	411.6	423.7	468.1	500.3	536.6	560.9	532.6	504.4	480.2	460.0
-82.5°	298.6	310.7	322.8	347.0	363.1	383.3	399.5	399.5	395.4	391.4	379.3
-85°	217.9	234.0	250.2	258.2	270.3	270.3	274.4	258.2	242.1	230.0	213.9
-87.5°	125.1	129.1	129.1	129.1	133.2	133.2	133.2	125.1	121.0	113.0	108.9
-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: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	4.0	4.0	4.0	8.1	8.1	12.1	12.1	16.1	16.1	20.2	20.2
85°	24.2	24.2	24.2	28.2	28.2	32.3	36.3	40.3	44.4	44.4	48.4
82.5°	40.3	44.4	48.4	52.5	56.5	60.5	64.6	68.6	80.7	88.8	92.8
80°	40.3	44.4	56.5	64.6	72.6	80.7	80.7	80.7	80.7	84.7	92.8
77.5°	28.2	32.3	36.3	44.4	64.6	80.7	92.8	100.9	92.8	88.8	80.7
75°	16.1	20.2	24.2	28.2	40.3	56.5	76.7	96.8	113.0	108.9	100.9
72.5°	16.1	16.1	20.2	24.2	28.2	32.3	36.3	56.5	80.7	100.9	113.0
70°	16.1	20.2	20.2	24.2	28.2	32.3	36.3	44.4	56.5	80.7	104.9
67.5°	16.1	20.2	20.2	28.2	36.3	40.3	44.4	40.3	36.3	52.5	76.7
65°	16.1	16.1	20.2	24.2	28.2	32.3	44.4	44.4	40.3	40.3	40.3
62.5°	24.2	24.2	24.2	24.2	28.2	28.2	28.2	36.3	36.3	36.3	36.3
60°	48.4	44.4	44.4	44.4	44.4	36.3	36.3	36.3	32.3	36.3	32.3
57.5°	117.0	96.8	88.8	88.8	76.7	72.6	60.5	44.4	44.4	36.3	36.3
55°	238.1	226.0	189.6	157.4	141.2	125.1	96.8	80.7	60.5	48.4	44.4
52.5°	367.2	334.9	302.6	262.3	221.9	189.6	161.4	125.1	100.9	72.6	56.5
50°	480.2	451.9	415.6	371.2	318.8	278.4	238.1	189.6	149.3	113.0	80.7
47.5°	653.7	597.2	552.8	500.3	439.8	383.3	330.9	274.4	209.8	165.4	125.1
45°	839.3	758.6	698.0	649.6	568.9	492.3	431.7	371.2	294.6	217.9	169.5
42.5°	968.4	907.9	827.2	762.6	690.0	609.3	528.6	464.0	383.3	294.6	217.9
40°	1037.0	996.6	932.1	875.6	798.9	710.1	625.4	560.9	476.1	379.3	274.4
37.5°	1089.4	1069.3	1037.0	992.6	920.0	815.1	730.3	653.7	581.0	468.1	355.1
35°	1150.0	1145.9	1125.7	1105.6	1045.0	944.2	843.3	754.5	665.8	560.9	435.8
32.5°	1206.4	1202.4	1190.3	1182.2	1158.0	1069.3	960.3	859.4	758.6	649.6	512.4
30°	1234.7	1226.6	1226.6	1234.7	1210.5	1154.0	1073.3	964.3	851.4	722.3	593.1
27.5°	1234.7	1226.6	1230.7	1242.8	1238.7	1210.5	1150.0	1061.2	936.1	790.8	665.8
25°	1182.2	1222.6	1222.6	1238.7	1242.8	1234.7	1202.4	1145.9	1016.8	863.5	722.3
22.5°	1109.6	1206.4	1242.8	1238.7	1242.8	1262.9	1267.0	1214.5	1093.5	936.1	778.7
20°	1109.6	1178.2	1283.1	1254.9	1262.9	1307.3	1327.5	1283.1	1174.2	1004.7	835.2
17.5°	1133.8	1178.2	1267.0	1311.4	1323.5	1359.8	1392.1	1363.8	1246.8	1077.3	911.9
15°	1202.4	1194.3	1254.9	1363.8	1384.0	1412.2	1448.5	1416.3	1311.4	1158.0	984.5
12.5°	1250.8	1206.4	1254.9	1371.9	1436.4	1464.7	1476.8	1452.6	1367.8	1230.7	1057.2
10°	1315.4	1238.7	1262.9	1363.8	1456.6	1476.8	1488.9	1480.8	1420.3	1291.2	1121.7
7.5°	1363.8	1254.9	1254.9	1351.7	1476.8	1492.9	1501.0	1509.1	1464.7	1343.6	1178.2
5°	1384.0	1254.9	1246.8	1339.6	1497.0	1513.1	1513.1	1525.2	1497.0	1384.0	1218.6
2.5°	1388.0	1250.8	1238.7	1331.5	1533.3	1533.3	1525.2	1537.3	1521.2	1408.2	1246.8
0°	1408.2	1246.8	1234.7	1343.6	1573.6	1557.5	1537.3	1541.3	1533.3	1420.3	1262.9
-2.5°	1408.2	1267.0	1250.8	1351.7	1569.6	1565.6	1557.5	1561.5	1553.4	1456.6	1295.2
-5°	1428.4	1295.2	1279.1	1388.0	1565.6	1577.7	1581.7	1581.7	1569.6	1480.8	1315.4
-7.5°	1432.4	1315.4	1311.4	1424.3	1573.6	1593.8	1605.9	1614.0	1589.8	1497.0	1331.5
-10°	1412.2	1323.5	1343.6	1468.7	1581.7	1609.9	1634.1	1646.3	1605.9	1505.0	1339.6
-12.5°	1367.8	1323.5	1375.9	1525.2	1601.9	1634.1	1670.5	1674.5	1622.0	1509.1	1343.6
-15°	1363.8	1355.7	1432.4	1581.7	1614.0	1654.3	1710.8	1698.7	1634.1	1509.1	1343.6
-17.5°	1359.8	1400.1	1517.1	1601.9	1634.1	1678.5	1722.9	1710.8	1642.2	1509.1	1335.6
-20°	1396.1	1472.8	1618.0	1622.0	1658.4	1706.8	1731.0	1706.8	1630.1	1497.0	1323.5

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	1456.6	1601.9	1650.3	1666.4	1698.7	1735.0	1747.1	1710.8	1618.0	1476.8	1303.3
-25°	1609.9	1682.6	1682.6	1718.9	1751.2	1767.3	1755.2	1714.8	1601.9	1456.6	1283.1
-27.5°	1727.0	1722.9	1743.1	1779.4	1807.7	1807.7	1775.4	1694.7	1577.7	1436.4	1254.9
-30°	1771.3	1775.4	1803.6	1844.0	1852.0	1831.9	1783.4	1678.5	1557.5	1404.2	1218.6
-32.5°	1815.7	1831.9	1868.2	1888.3	1892.4	1852.0	1763.3	1650.3	1525.2	1367.8	1178.2
-35°	1868.2	1900.5	1920.6	1924.7	1904.5	1835.9	1735.0	1614.0	1476.8	1315.4	1141.9
-37.5°	1936.8	1952.9	1965.0	1948.9	1892.4	1811.7	1686.6	1565.6	1432.4	1258.9	1089.4
-40°	1981.2	1989.2	1993.3	1940.8	1872.2	1755.2	1634.1	1509.1	1355.7	1194.3	1032.9
-42.5°	2009.4	2001.3	1969.0	1912.6	1811.7	1698.7	1581.7	1440.5	1287.1	1129.8	972.4
-45°	2001.3	1973.1	1924.7	1856.1	1751.2	1638.2	1501.0	1359.8	1214.5	1061.2	903.8
-47.5°	1969.0	1924.7	1864.1	1783.4	1686.6	1549.4	1412.2	1275.0	1133.8	984.5	839.3
-50°	1928.7	1876.2	1803.6	1702.7	1573.6	1448.5	1323.5	1190.3	1045.0	907.9	778.7
-52.5°	1884.3	1827.8	1735.0	1622.0	1480.8	1351.7	1230.7	1101.5	968.4	839.3	726.3
-55°	1835.9	1779.4	1674.5	1545.4	1404.2	1262.9	1145.9	1037.0	907.9	782.8	681.9
-57.5°	1811.7	1739.1	1630.1	1501.0	1351.7	1206.4	1105.6	988.6	871.5	742.4	645.6
-60°	1791.5	1718.9	1618.0	1468.7	1327.5	1190.3	1073.3	960.3	835.2	714.2	617.3
-62.5°	1735.0	1658.4	1565.6	1420.3	1283.1	1158.0	1053.1	920.0	798.9	685.9	597.2
-65°	1622.0	1541.3	1460.6	1331.5	1206.4	1089.4	984.5	863.5	750.5	653.7	577.0
-67.5°	1444.5	1375.9	1303.3	1194.3	1089.4	984.5	887.7	782.8	690.0	621.4	581.0
-70°	1246.8	1174.2	1101.5	1012.8	924.0	839.3	762.6	685.9	625.4	589.1	556.8
-72.5°	907.9	875.6	839.3	770.7	698.0	645.6	609.3	577.0	532.6	500.3	480.2
-75°	605.2	560.9	504.4	480.2	484.2	476.1	455.9	431.7	411.6	399.5	371.2
-77.5°	472.1	447.9	419.6	391.4	379.3	367.2	351.0	330.9	314.7	286.5	246.1
-80°	435.8	415.6	395.4	375.2	355.1	326.8	294.6	262.3	246.1	234.0	230.0
-82.5°	359.1	334.9	310.7	290.5	262.3	242.1	221.9	205.8	205.8	201.7	197.7
-85°	205.8	197.7	185.6	177.5	169.5	157.4	145.3	137.2	133.2	129.1	125.1
-87.5°	104.9	100.9	92.8	88.8	84.7	80.7	72.6	68.6	64.6	64.6	60.5
-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: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	20.2	20.2	16.1	16.1	16.1	12.1	8.1	8.1	4.0	4.0	0.0
85°	48.4	40.3	36.3	32.3	32.3	24.2	16.1	12.1	8.1	4.0	4.0
82.5°	92.8	80.7	68.6	60.5	48.4	36.3	28.2	20.2	12.1	8.1	4.0
80°	104.9	104.9	100.9	84.7	68.6	52.5	36.3	24.2	16.1	12.1	8.1
77.5°	80.7	88.8	88.8	88.8	84.7	64.6	44.4	28.2	16.1	12.1	8.1
75°	92.8	80.7	76.7	80.7	76.7	64.6	52.5	32.3	20.2	16.1	8.1
72.5°	113.0	96.8	84.7	80.7	72.6	60.5	48.4	36.3	20.2	16.1	12.1
70°	104.9	100.9	92.8	84.7	72.6	60.5	48.4	36.3	24.2	16.1	12.1
67.5°	92.8	92.8	92.8	84.7	72.6	56.5	44.4	32.3	24.2	16.1	12.1
65°	64.6	76.7	84.7	80.7	72.6	56.5	44.4	32.3	24.2	20.2	12.1
62.5°	40.3	52.5	68.6	76.7	68.6	56.5	40.3	32.3	24.2	20.2	12.1
60°	36.3	40.3	48.4	60.5	64.6	52.5	40.3	28.2	24.2	20.2	12.1
57.5°	36.3	36.3	40.3	48.4	52.5	48.4	36.3	24.2	24.2	20.2	16.1
55°	40.3	36.3	36.3	40.3	44.4	44.4	36.3	24.2	24.2	20.2	16.1
52.5°	48.4	40.3	36.3	36.3	36.3	40.3	32.3	24.2	24.2	20.2	16.1
50°	60.5	48.4	44.4	36.3	36.3	36.3	32.3	24.2	20.2	20.2	16.1
47.5°	80.7	64.6	48.4	44.4	36.3	32.3	28.2	24.2	20.2	20.2	16.1
45°	121.0	76.7	64.6	48.4	40.3	36.3	32.3	24.2	20.2	20.2	16.1
42.5°	165.4	113.0	80.7	56.5	44.4	36.3	32.3	28.2	20.2	20.2	16.1
40°	209.8	153.3	100.9	72.6	52.5	40.3	32.3	28.2	24.2	20.2	16.1
37.5°	258.2	189.6	133.2	92.8	60.5	44.4	36.3	28.2	24.2	20.2	16.1
35°	318.8	238.1	165.4	113.0	72.6	52.5	40.3	28.2	24.2	20.2	16.1
32.5°	387.4	282.4	197.7	137.2	92.8	64.6	44.4	32.3	24.2	20.2	16.1
30°	451.9	334.9	234.0	165.4	113.0	72.6	48.4	32.3	24.2	20.2	12.1
27.5°	516.5	387.4	278.4	193.7	137.2	84.7	52.5	36.3	24.2	20.2	16.1
25°	581.0	439.8	322.8	221.9	157.4	100.9	64.6	40.3	24.2	20.2	16.1
22.5°	637.5	492.3	363.1	254.2	181.6	117.0	72.6	44.4	28.2	20.2	16.1
20°	702.1	548.8	407.5	290.5	201.7	133.2	80.7	48.4	28.2	20.2	16.1
17.5°	762.6	605.2	451.9	322.8	226.0	149.3	92.8	52.5	32.3	20.2	16.1
15°	823.1	657.7	492.3	355.1	250.2	165.4	100.9	56.5	36.3	20.2	16.1
12.5°	879.6	706.1	528.6	383.3	270.3	181.6	108.9	60.5	40.3	20.2	16.1
10°	932.1	750.5	564.9	407.5	290.5	193.7	117.0	68.6	44.4	20.2	16.1
7.5°	984.5	786.8	593.1	431.7	314.7	209.8	125.1	72.6	48.4	24.2	16.1
5°	1016.8	819.1	617.3	451.9	334.9	226.0	133.2	76.7	52.5	24.2	16.1
2.5°	1045.0	843.3	633.5	472.1	355.1	238.1	133.2	80.7	56.5	24.2	16.1
0°	1061.2	859.4	645.6	484.2	371.2	246.1	137.2	84.7	60.5	24.2	16.1
-2.5°	1097.5	887.7	673.8	500.3	387.4	270.3	145.3	88.8	64.6	28.2	16.1
-5°	1121.7	903.8	694.0	516.5	399.5	294.6	157.4	96.8	72.6	36.3	20.2
-7.5°	1141.9	920.0	710.1	524.5	411.6	302.6	161.4	100.9	76.7	40.3	20.2
-10°	1145.9	928.0	722.3	536.6	419.6	314.7	165.4	104.9	80.7	44.4	20.2
-12.5°	1150.0	936.1	726.3	544.7	427.7	322.8	169.5	108.9	84.7	48.4	20.2
-15°	1145.9	932.1	726.3	552.8	431.7	314.7	177.5	113.0	88.8	52.5	20.2
-17.5°	1137.9	928.0	722.3	548.8	427.7	306.7	181.6	121.0	88.8	56.5	24.2
-20°	1125.7	915.9	714.2	544.7	423.7	298.6	185.6	125.1	92.8	56.5	24.2

REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	1105.6	895.8	698.0	532.6	415.6	290.5	185.6	133.2	96.8	56.5	24.2
-25°	1081.4	875.6	681.9	516.5	403.5	278.4	185.6	137.2	100.9	56.5	24.2
-27.5°	1053.1	855.4	657.7	504.4	387.4	270.3	185.6	141.2	104.9	56.5	24.2
-30°	1020.8	827.2	637.5	484.2	375.2	270.3	189.6	145.3	108.9	56.5	24.2
-32.5°	988.6	798.9	613.3	468.1	359.1	266.3	189.6	149.3	113.0	52.5	28.2
-35°	952.2	766.6	593.1	455.9	347.0	258.2	193.7	149.3	108.9	52.5	28.2
-37.5°	907.9	726.3	573.0	443.8	338.9	250.2	193.7	153.3	104.9	52.5	28.2
-40°	859.4	694.0	548.8	427.7	326.8	246.1	193.7	153.3	100.9	52.5	32.3
-42.5°	807.0	657.7	524.5	411.6	314.7	242.1	193.7	153.3	96.8	52.5	32.3
-45°	758.6	621.4	496.3	391.4	302.6	242.1	193.7	149.3	88.8	56.5	32.3
-47.5°	706.1	581.0	464.0	371.2	298.6	238.1	189.6	141.2	80.7	56.5	32.3
-50°	661.7	540.7	439.8	351.0	290.5	242.1	193.7	129.1	80.7	56.5	32.3
-52.5°	617.3	512.4	411.6	343.0	282.4	246.1	189.6	121.0	80.7	56.5	32.3
-55°	581.0	484.2	395.4	330.9	290.5	254.2	181.6	108.9	80.7	56.5	32.3
-57.5°	552.8	468.1	383.3	334.9	302.6	246.1	169.5	104.9	80.7	52.5	32.3
-60°	532.6	451.9	387.4	351.0	306.7	234.0	161.4	104.9	80.7	52.5	28.2
-62.5°	516.5	455.9	407.5	363.1	290.5	217.9	153.3	104.9	72.6	48.4	28.2
-65°	520.5	472.1	415.6	347.0	278.4	201.7	141.2	100.9	68.6	44.4	28.2
-67.5°	532.6	460.0	391.4	326.8	250.2	181.6	129.1	92.8	64.6	44.4	28.2
-70°	492.3	423.7	355.1	278.4	213.9	157.4	121.0	84.7	56.5	40.3	28.2
-72.5°	443.8	355.1	282.4	226.0	181.6	145.3	108.9	76.7	52.5	36.3	24.2
-75°	322.8	258.2	209.8	189.6	161.4	129.1	96.8	68.6	48.4	36.3	24.2
-77.5°	230.0	213.9	193.7	173.5	145.3	113.0	84.7	64.6	44.4	32.3	20.2
-80°	226.0	205.8	181.6	149.3	121.0	96.8	72.6	56.5	40.3	28.2	16.1
-82.5°	189.6	161.4	137.2	113.0	92.8	76.7	60.5	44.4	32.3	20.2	12.1
-85°	117.0	100.9	88.8	76.7	64.6	52.5	40.3	28.2	20.2	12.1	8.1
-87.5°	56.5	52.5	44.4	36.3	32.3	24.2	20.2	16.1	12.1	8.1	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: P723848

CATALOG NUMBER: IFLD-S-SA6C-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°	4.0	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°	8.1	4.0	4.0	0.0
67.5°	8.1	4.0	4.0	0.0
65°	8.1	4.0	4.0	0.0
62.5°	8.1	4.0	4.0	0.0
60°	8.1	4.0	4.0	0.0
57.5°	8.1	4.0	4.0	0.0
55°	8.1	4.0	4.0	0.0
52.5°	8.1	4.0	4.0	0.0
50°	8.1	4.0	4.0	0.0
47.5°	8.1	8.1	4.0	0.0
45°	8.1	8.1	4.0	0.0
42.5°	8.1	8.1	4.0	0.0
40°	8.1	8.1	4.0	0.0
37.5°	8.1	8.1	4.0	0.0
35°	8.1	8.1	4.0	0.0
32.5°	12.1	8.1	4.0	0.0
30°	12.1	8.1	8.1	0.0
27.5°	12.1	8.1	8.1	0.0
25°	12.1	8.1	8.1	0.0
22.5°	12.1	8.1	8.1	0.0
20°	12.1	8.1	8.1	0.0
17.5°	12.1	8.1	8.1	0.0
15°	12.1	8.1	8.1	0.0
12.5°	12.1	8.1	8.1	0.0
10°	12.1	8.1	8.1	0.0
7.5°	12.1	8.1	8.1	0.0
5°	12.1	8.1	8.1	0.0
2.5°	12.1	8.1	8.1	0.0
0°	12.1	8.1	8.1	0.0
-2.5°	12.1	8.1	8.1	0.0
-5°	12.1	8.1	8.1	0.0
-7.5°	12.1	8.1	8.1	0.0
-10°	12.1	8.1	8.1	0.0
-12.5°	16.1	8.1	8.1	0.0
-15°	16.1	8.1	8.1	0.0
-17.5°	16.1	8.1	8.1	0.0
-20°	16.1	8.1	8.1	0.0



REPORT NUMBER: P723848

CATALOG NUMBER: IFLD-S-SA6C-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	16.1	8.1	8.1	0.0
-25°	16.1	8.1	8.1	0.0
-27.5°	16.1	8.1	8.1	0.0
-30°	16.1	8.1	8.1	0.0
-32.5°	16.1	8.1	8.1	0.0
-35°	16.1	8.1	8.1	0.0
-37.5°	16.1	8.1	8.1	0.0
-40°	16.1	8.1	8.1	0.0
-42.5°	12.1	8.1	4.0	0.0
-45°	16.1	8.1	4.0	0.0
-47.5°	16.1	8.1	4.0	0.0
-50°	16.1	8.1	4.0	0.0
-52.5°	16.1	8.1	4.0	0.0
-55°	16.1	8.1	4.0	0.0
-57.5°	16.1	8.1	4.0	0.0
-60°	16.1	8.1	4.0	0.0
-62.5°	16.1	8.1	4.0	0.0
-65°	16.1	8.1	4.0	0.0
-67.5°	16.1	8.1	4.0	0.0
-70°	16.1	4.0	4.0	0.0
-72.5°	12.1	4.0	4.0	0.0
-75°	12.1	4.0	4.0	0.0
-77.5°	8.1	4.0	0.0	0.0
-80°	8.1	4.0	0.0	0.0
-82.5°	8.1	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)