

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: P723616

Luminaire Tested: **IFLD-S-SA6C-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723616
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	16203 lumens	Max Intensity:	381200.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.4 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:	5875.9 lumens	Field Lumens:	9367.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

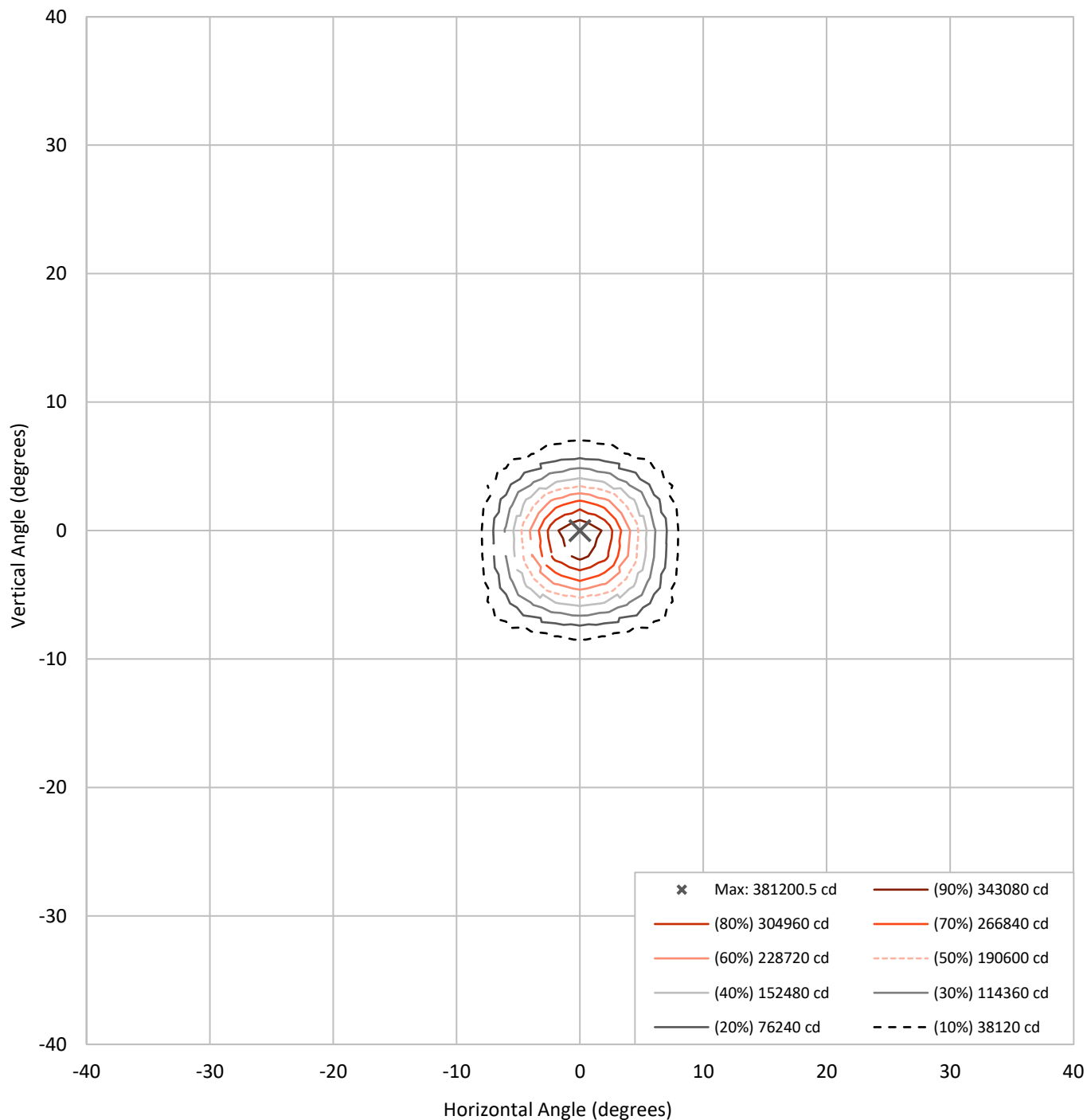
Input Watts (W): 321.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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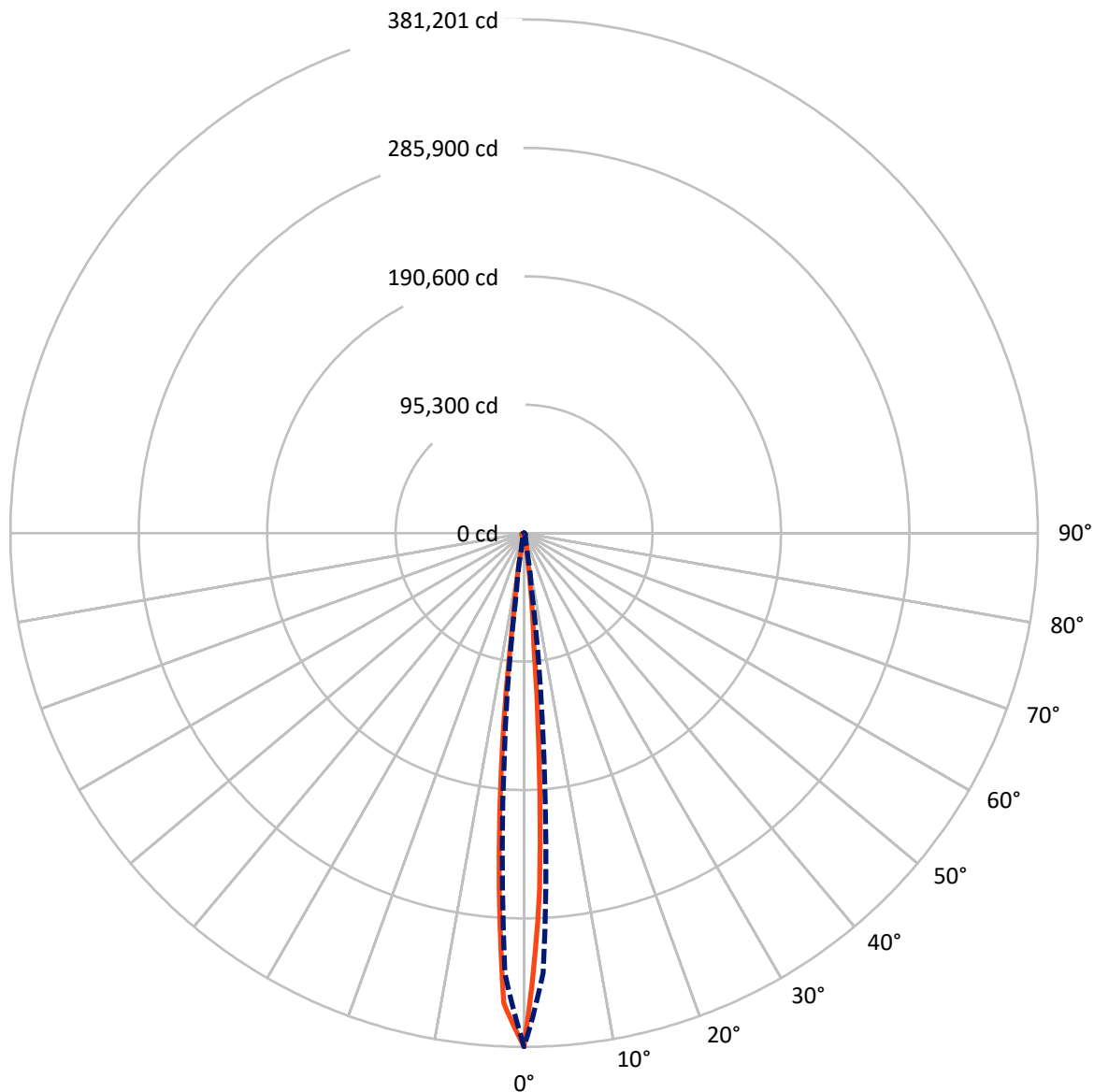
Lumen Table

90																				
80	0.3		3.6		3.9		1.5		0.4		1.5		3.9		3.6		0.3			
70	0.4		0.8	1.0	0.8	0.6	0.5	0.4	0.2	0.2	0.4	0.5	0.6	0.8	1.0	0.8	0.4			
60			0.5	0.7	1.9	4.2	6.8	8.8	10.1	10.1	8.8	6.8	4.2	1.9	0.7	0.5				
50	0.4		0.5	2.2	7.4	14.5	21.3	25.6	28.3	28.3	25.6	21.3	14.5	7.4	2.2	0.5	0.4			
40			1.1	5.6	15.2	24.6	28.9	31.3	32.4	32.4	31.3	28.9	24.6	15.2	5.6	1.1				
30	0.6		2.1	9.6	22.1	28.5	29.4	34.7	41.8	41.8	34.7	29.4	28.5	22.1	9.6	2.1	0.6			
20			3.3	13.5	27.1	30.4	34.3	60.4	102.8	102.8	60.4	34.3	30.4	27.1	13.5	3.3				
10	1.1		4.3	16.5	29.8	31.6	42.4	114.8	2127.1	2127.1	114.8	42.4	31.6	29.8	16.5	4.3	1.1			
0			5.0	18.1	31.3	32.7	43.8	123.6	3101.4	3101.4	123.6	43.8	32.7	31.3	18.1	5.0				
-10	1.6		5.4	18.6	32.9	35.4	39.5	71.9	138.0	138.0	71.9	39.5	35.4	32.9	18.6	5.4	1.6			
-20			5.0	17.6	33.4	39.8	39.8	46.6	56.8	56.8	46.6	39.8	39.8	33.4	17.6	5.0				
-30	1.7		4.5	15.6	31.9	43.7	47.7	49.6	50.0	50.0	49.6	47.7	43.7	31.9	15.6	4.5	1.7			
-40			3.9	12.5	27.1	42.2	51.3	57.5	60.3	60.3	57.5	51.3	42.2	27.1	12.5	3.9				
-50	1.4		3.6	9.7	21.0	36.0	48.3	56.1	59.4	59.4	56.1	48.3	36.0	21.0	9.7	3.6	1.4			
-60			3.3	8.5	17.1	30.0	42.2	51.1	55.2	55.2	51.1	42.2	30.0	17.1	8.5	3.3				
-70	0.6		10.0		29.8		55.3		61.0		55.3		29.8		10.0		0.6			
-80			10.0		29.8		55.3		61.0		55.3		29.8		10.0					
-90	0.6		10.0		29.8		55.3		61.0		55.3		29.8		10.0		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
	Horizontal Angle (degrees)																			

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Luminous Intensity Polar Plot



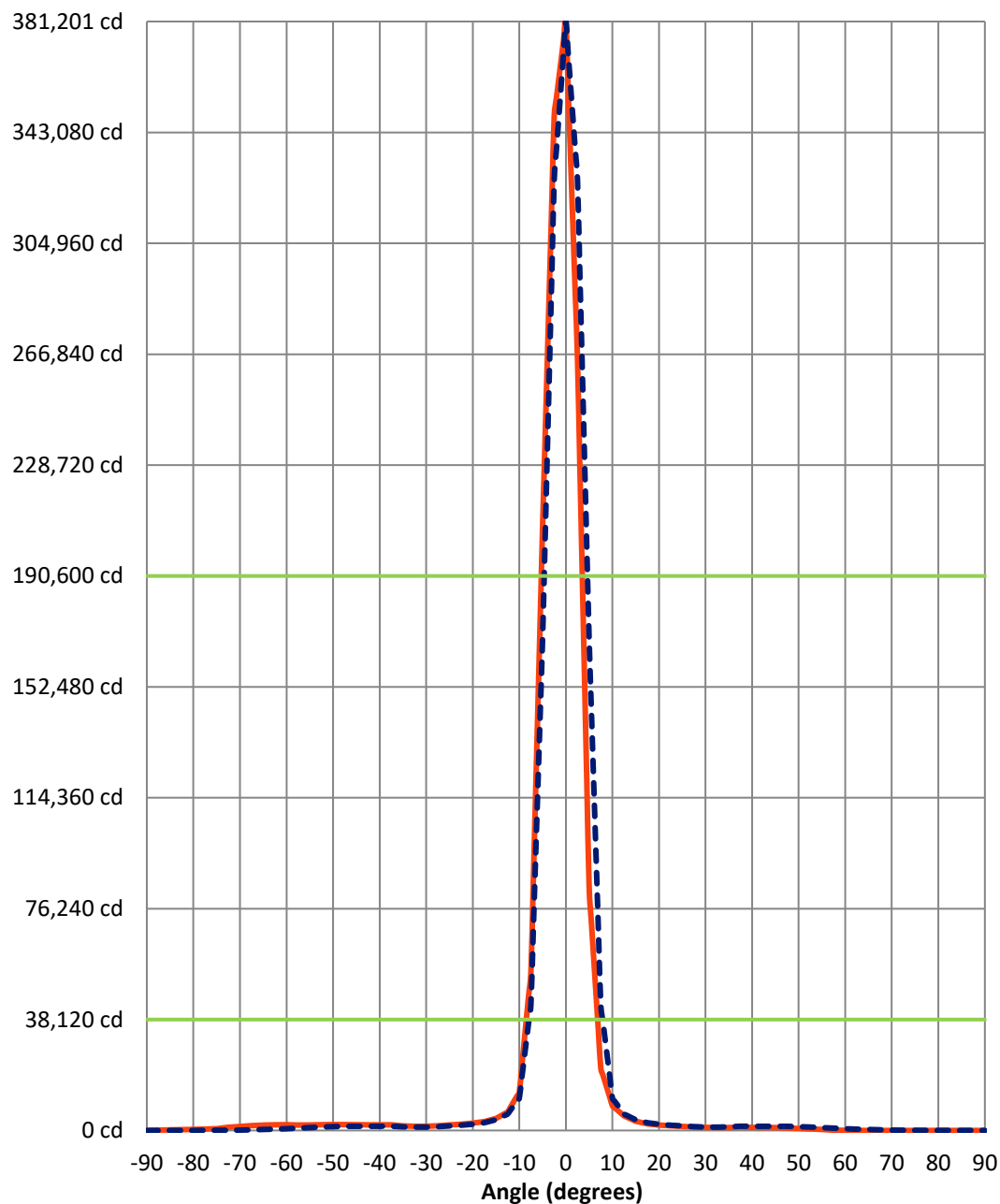
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5875.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 9367.3

Efficiency: 57.8%

Spill:

Lumens: 6835.7

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	7.5	7.5	7.5	11.2	15.0	18.7	18.7	22.4
82.5°	0.0	3.7	3.7	7.5	7.5	11.2	11.2	18.7	22.4	26.2	33.7
80°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	15.0	18.7	26.2	29.9
77.5°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	11.2	15.0	18.7	22.4
75°	0.0	3.7	3.7	3.7	7.5	7.5	7.5	7.5	11.2	11.2	15.0
72.5°	0.0	0.0	0.0	3.7	3.7	7.5	7.5	7.5	11.2	11.2	11.2
70°	0.0	0.0	0.0	3.7	3.7	7.5	7.5	7.5	11.2	11.2	11.2
67.5°	0.0	0.0	0.0	3.7	3.7	7.5	7.5	7.5	11.2	11.2	11.2
65°	0.0	0.0	0.0	3.7	3.7	7.5	7.5	11.2	11.2	11.2	11.2
62.5°	3.7	3.7	3.7	7.5	11.2	11.2	15.0	18.7	18.7	18.7	18.7
60°	37.4	41.1	44.9	44.9	41.1	41.1	44.9	44.9	44.9	44.9	44.9
57.5°	101.0	108.5	112.2	112.2	112.2	108.5	123.4	127.2	112.2	104.7	116.0
55°	351.6	362.8	355.3	344.1	321.7	295.5	288.0	284.3	288.0	269.3	239.4
52.5°	512.4	523.7	519.9	512.4	497.5	478.8	463.8	448.8	433.9	404.0	370.3
50°	665.8	669.5	665.8	658.3	643.4	624.6	594.7	561.1	531.1	523.7	493.7
47.5°	837.9	849.1	849.1	845.3	834.1	800.4	755.6	706.9	684.5	677.0	647.1
45°	991.2	998.7	1002.4	1006.2	1002.4	968.8	927.6	901.4	852.8	837.9	837.9
42.5°	1032.4	1036.1	1039.8	1043.6	1054.8	1028.6	994.9	950.1	938.8	935.1	927.6
40°	1047.3	1039.8	1043.6	1047.3	1051.1	1032.4	1006.2	980.0	972.5	965.0	965.0
37.5°	1189.5	1155.8	1129.6	1107.2	1088.5	1069.8	1043.6	1021.1	1002.4	987.5	1002.4
35°	1013.7	1013.7	1039.8	1062.3	1084.7	1107.2	1110.9	1084.7	1043.6	1024.9	1051.1
32.5°	1036.1	1036.1	1036.1	1043.6	1051.1	1069.8	1088.5	1099.7	1129.6	1095.9	1095.9
30°	1058.5	1062.3	1069.8	1073.5	1062.3	1054.8	1047.3	1047.3	1066.0	1114.6	1140.8
27.5°	1189.5	1189.5	1178.2	1163.3	1129.6	1077.2	1051.1	1013.7	1017.4	1039.8	1103.4
25°	1402.7	1395.2	1369.0	1331.6	1271.7	1196.9	1125.9	1047.3	1013.7	1002.4	1028.6
22.5°	1604.6	1593.4	1559.8	1526.1	1477.5	1402.7	1283.0	1163.3	1058.5	1013.7	1002.4
20°	1862.7	1836.5	1799.1	1746.8	1668.2	1593.4	1488.7	1331.6	1178.2	1062.3	1017.4
17.5°	2277.9	2244.2	2173.2	2079.7	1945.0	1829.1	1679.4	1529.8	1357.8	1170.7	1069.8
15°	3186.8	3100.8	2977.4	2719.3	2453.7	2233.0	2008.6	1758.0	1582.2	1335.3	1182.0
12.5°	5012.2	4776.5	4417.4	3815.2	3220.5	2708.1	2345.2	2023.6	1739.3	1511.1	1294.2
10°	8483.3	7978.3	6987.1	5341.3	4245.4	3302.8	2652.0	2221.8	1862.7	1627.1	1387.7
7.5°	21455.0	17501.4	12384.5	8457.1	5554.5	4035.9	3033.5	2408.8	1993.6	1701.9	1462.5
5°	83620.7	68883.4	36745.8	15335.7	8356.1	4881.2	3377.6	2558.4	2079.7	1758.0	1518.6
2.5°	265386.1	229178.9	120239.3	33012.9	10260.0	5498.4	3613.2	2652.0	2128.3	1799.1	1559.8
0°	381200.5	326702.6	168748.7	43418.7	11127.7	5655.5	3688.0	2670.7	2135.8	1806.6	1559.8
-2.5°	348733.7	305210.2	163010.9	40403.9	11370.9	5700.4	3747.9	2734.2	2191.9	1840.3	1571.0
-5°	207215.1	181757.9	113712.3	28808.7	10102.9	5292.7	3590.8	2678.1	2154.5	1821.6	1563.5
-7.5°	54595.1	47263.9	31090.3	15032.7	6538.2	4477.3	3299.0	2584.6	2105.9	1787.9	1533.6
-10°	13162.5	12474.3	11142.7	6830.0	5090.7	3740.4	2925.0	2416.3	2008.6	1743.0	1484.9
-12.5°	6347.5	6197.9	5625.6	4638.1	3777.8	3108.3	2648.2	2240.5	1918.8	1664.5	1417.6
-15°	4129.4	4043.4	3848.9	3471.1	3033.5	2711.8	2390.1	2061.0	1806.6	1548.5	1361.5
-17.5°	3055.9	3052.2	2954.9	2812.8	2595.8	2356.5	2120.8	1911.4	1664.5	1443.8	1301.7
-20°	2532.3	2532.3	2476.2	2382.6	2229.3	2072.2	1915.1	1720.6	1518.6	1354.0	1294.2

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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°	2150.7	2154.5	2124.6	2064.7	1982.4	1851.5	1698.1	1541.1	1395.2	1335.3	1316.6
-25°	1903.9	1896.4	1862.7	1806.6	1720.6	1615.9	1514.9	1410.1	1369.0	1354.0	1380.2
-27.5°	1612.1	1623.3	1608.4	1582.2	1526.1	1451.3	1428.8	1398.9	1406.4	1428.8	1529.8
-30°	1440.1	1451.3	1466.2	1477.5	1458.8	1440.1	1447.5	1470.0	1518.6	1604.6	1642.0
-32.5°	1440.1	1443.8	1466.2	1488.7	1499.9	1514.9	1556.0	1630.8	1701.9	1679.4	1672.0
-35°	1571.0	1559.8	1589.7	1619.6	1660.7	1713.1	1758.0	1743.0	1716.8	1709.4	1716.8
-37.5°	1945.0	1873.9	1844.0	1825.3	1814.1	1806.6	1795.4	1784.2	1773.0	1765.5	1776.7
-40°	1941.3	1922.6	1903.9	1888.9	1877.7	1862.7	1855.2	1851.5	1840.3	1832.8	1825.3
-42.5°	1933.8	1941.3	1941.3	1937.5	1941.3	1937.5	1926.3	1911.4	1892.6	1877.7	1862.7
-45°	1989.9	1993.6	2001.1	2008.6	2019.8	2004.9	1982.4	1956.2	1930.1	1907.6	1888.9
-47.5°	2023.6	2027.3	2034.8	2046.0	2053.5	2038.5	2008.6	1974.9	1933.8	1896.4	1859.0
-50°	2034.8	2046.0	2049.7	2049.7	2046.0	2027.3	1982.4	1933.8	1888.9	1851.5	1817.8
-52.5°	1982.4	1993.6	1997.4	1989.9	1986.2	1967.5	1926.3	1881.4	1832.8	1806.6	1776.7
-55°	1896.4	1911.4	1922.6	1922.6	1922.6	1918.8	1881.4	1840.3	1802.9	1773.0	1743.0
-57.5°	1862.7	1888.9	1911.4	1915.1	1918.8	1922.6	1896.4	1855.2	1810.4	1765.5	1728.1
-60°	1986.2	2008.6	2019.8	2004.9	1993.6	1982.4	1941.3	1892.6	1847.8	1802.9	1731.8
-62.5°	1952.5	1989.9	2008.6	1997.4	1982.4	1963.7	1918.8	1862.7	1810.4	1761.7	1690.7
-65°	1844.0	1877.7	1900.1	1881.4	1859.0	1832.8	1791.7	1739.3	1690.7	1642.0	1578.5
-67.5°	1660.7	1709.4	1746.8	1705.6	1675.7	1642.0	1608.4	1563.5	1514.9	1458.8	1398.9
-70°	1372.7	1410.1	1443.8	1432.6	1425.1	1417.6	1395.2	1350.3	1309.1	1264.3	1211.9
-72.5°	1103.4	1137.1	1167.0	1148.3	1133.3	1110.9	1077.2	1028.6	980.0	931.4	882.7
-75°	609.7	620.9	632.1	628.4	628.4	628.4	628.4	632.1	624.6	613.4	591.0
-77.5°	467.6	482.5	493.7	501.2	512.4	527.4	538.6	519.9	501.2	482.5	460.1
-80°	366.6	381.5	392.7	433.9	463.8	497.5	519.9	493.7	467.6	445.1	426.4
-82.5°	276.8	288.0	299.2	321.7	336.6	355.3	370.3	370.3	366.6	362.8	351.6
-85°	202.0	216.9	231.9	239.4	250.6	250.6	254.3	239.4	224.4	213.2	198.2
-87.5°	116.0	119.7	119.7	119.7	123.4	123.4	123.4	116.0	112.2	104.7	101.0
-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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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°	3.7	3.7	3.7	7.5	7.5	11.2	11.2	15.0	15.0	18.7	18.7
85°	22.4	22.4	22.4	26.2	26.2	29.9	33.7	37.4	41.1	41.1	44.9
82.5°	37.4	41.1	44.9	48.6	52.4	56.1	59.8	63.6	74.8	82.3	86.0
80°	37.4	41.1	52.4	59.8	67.3	74.8	74.8	74.8	74.8	78.5	86.0
77.5°	26.2	29.9	33.7	41.1	59.8	74.8	86.0	93.5	86.0	82.3	74.8
75°	15.0	18.7	22.4	26.2	37.4	52.4	71.1	89.8	104.7	101.0	93.5
72.5°	15.0	15.0	18.7	22.4	26.2	29.9	33.7	52.4	74.8	93.5	104.7
70°	15.0	18.7	18.7	22.4	26.2	29.9	33.7	41.1	52.4	74.8	97.3
67.5°	15.0	18.7	18.7	26.2	33.7	37.4	41.1	37.4	33.7	48.6	71.1
65°	15.0	15.0	18.7	22.4	26.2	29.9	41.1	41.1	37.4	37.4	37.4
62.5°	22.4	22.4	22.4	22.4	26.2	26.2	26.2	33.7	33.7	33.7	33.7
60°	44.9	41.1	41.1	41.1	41.1	33.7	33.7	33.7	29.9	33.7	29.9
57.5°	108.5	89.8	82.3	82.3	71.1	67.3	56.1	41.1	41.1	33.7	33.7
55°	220.7	209.5	175.8	145.9	130.9	116.0	89.8	74.8	56.1	44.9	41.1
52.5°	340.4	310.5	280.5	243.1	205.7	175.8	149.6	116.0	93.5	67.3	52.4
50°	445.1	418.9	385.3	344.1	295.5	258.1	220.7	175.8	138.4	104.7	74.8
47.5°	605.9	553.6	512.4	463.8	407.7	355.3	306.7	254.3	194.5	153.4	116.0
45°	778.0	703.2	647.1	602.2	527.4	456.3	400.2	344.1	273.1	202.0	157.1
42.5°	897.7	841.6	766.8	706.9	639.6	564.8	490.0	430.1	355.3	273.1	202.0
40°	961.3	923.9	864.0	811.7	740.6	658.3	579.8	519.9	441.4	351.6	254.3
37.5°	1009.9	991.2	961.3	920.1	852.8	755.6	677.0	605.9	538.6	433.9	329.2
35°	1066.0	1062.3	1043.6	1024.9	968.8	875.3	781.7	699.5	617.2	519.9	404.0
32.5°	1118.4	1114.6	1103.4	1095.9	1073.5	991.2	890.2	796.7	703.2	602.2	475.0
30°	1144.6	1137.1	1137.1	1144.6	1122.1	1069.8	994.9	894.0	789.2	669.5	549.8
27.5°	1144.6	1137.1	1140.8	1152.0	1148.3	1122.1	1066.0	983.7	867.8	733.1	617.2
25°	1095.9	1133.3	1133.3	1148.3	1152.0	1144.6	1114.6	1062.3	942.6	800.4	669.5
22.5°	1028.6	1118.4	1152.0	1148.3	1152.0	1170.7	1174.5	1125.9	1013.7	867.8	721.9
20°	1028.6	1092.2	1189.5	1163.3	1170.7	1211.9	1230.6	1189.5	1088.5	931.4	774.3
17.5°	1051.1	1092.2	1174.5	1215.6	1226.9	1260.5	1290.4	1264.3	1155.8	998.7	845.3
15°	1114.6	1107.2	1163.3	1264.3	1283.0	1309.1	1342.8	1312.9	1215.6	1073.5	912.7
12.5°	1159.5	1118.4	1163.3	1271.7	1331.6	1357.8	1369.0	1346.5	1268.0	1140.8	980.0
10°	1219.4	1148.3	1170.7	1264.3	1350.3	1369.0	1380.2	1372.7	1316.6	1196.9	1039.8
7.5°	1264.3	1163.3	1163.3	1253.0	1369.0	1384.0	1391.4	1398.9	1357.8	1245.6	1092.2
5°	1283.0	1163.3	1155.8	1241.8	1387.7	1402.7	1402.7	1413.9	1387.7	1283.0	1129.6
2.5°	1286.7	1159.5	1148.3	1234.3	1421.4	1421.4	1413.9	1425.1	1410.1	1305.4	1155.8
0°	1305.4	1155.8	1144.6	1245.6	1458.8	1443.8	1425.1	1428.8	1421.4	1316.6	1170.7
-2.5°	1305.4	1174.5	1159.5	1253.0	1455.0	1451.3	1443.8	1447.5	1440.1	1350.3	1200.7
-5°	1324.1	1200.7	1185.7	1286.7	1451.3	1462.5	1466.2	1466.2	1455.0	1372.7	1219.4
-7.5°	1327.8	1219.4	1215.6	1320.4	1458.8	1477.5	1488.7	1496.2	1473.7	1387.7	1234.3
-10°	1309.1	1226.9	1245.6	1361.5	1466.2	1492.4	1514.9	1526.1	1488.7	1395.2	1241.8
-12.5°	1268.0	1226.9	1275.5	1413.9	1484.9	1514.9	1548.5	1552.3	1503.6	1398.9	1245.6
-15°	1264.3	1256.8	1327.8	1466.2	1496.2	1533.6	1585.9	1574.7	1514.9	1398.9	1245.6
-17.5°	1260.5	1297.9	1406.4	1484.9	1514.9	1556.0	1597.2	1585.9	1522.3	1398.9	1238.1
-20°	1294.2	1365.3	1499.9	1503.6	1537.3	1582.2	1604.6	1582.2	1511.1	1387.7	1226.9

REPORT NUMBER: P723616

CATALOG NUMBER: IFLD-S-SA6C-722-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°	1350.3	1484.9	1529.8	1544.8	1574.7	1608.4	1619.6	1585.9	1499.9	1369.0	1208.2
-25°	1492.4	1559.8	1559.8	1593.4	1623.3	1638.3	1627.1	1589.7	1484.9	1350.3	1189.5
-27.5°	1600.9	1597.2	1615.9	1649.5	1675.7	1675.7	1645.8	1571.0	1462.5	1331.6	1163.3
-30°	1642.0	1645.8	1672.0	1709.4	1716.8	1698.1	1653.3	1556.0	1443.8	1301.7	1129.6
-32.5°	1683.2	1698.1	1731.8	1750.5	1754.3	1716.8	1634.6	1529.8	1413.9	1268.0	1092.2
-35°	1731.8	1761.7	1780.4	1784.2	1765.5	1701.9	1608.4	1496.2	1369.0	1219.4	1058.5
-37.5°	1795.4	1810.4	1821.6	1806.6	1754.3	1679.4	1563.5	1451.3	1327.8	1167.0	1009.9
-40°	1836.5	1844.0	1847.8	1799.1	1735.6	1627.1	1514.9	1398.9	1256.8	1107.2	957.5
-42.5°	1862.7	1855.2	1825.3	1773.0	1679.4	1574.7	1466.2	1335.3	1193.2	1047.3	901.4
-45°	1855.2	1829.1	1784.2	1720.6	1623.3	1518.6	1391.4	1260.5	1125.9	983.7	837.9
-47.5°	1825.3	1784.2	1728.1	1653.3	1563.5	1436.3	1309.1	1182.0	1051.1	912.7	778.0
-50°	1787.9	1739.3	1672.0	1578.5	1458.8	1342.8	1226.9	1103.4	968.8	841.6	721.9
-52.5°	1746.8	1694.4	1608.4	1503.6	1372.7	1253.0	1140.8	1021.1	897.7	778.0	673.3
-55°	1701.9	1649.5	1552.3	1432.6	1301.7	1170.7	1062.3	961.3	841.6	725.6	632.1
-57.5°	1679.4	1612.1	1511.1	1391.4	1253.0	1118.4	1024.9	916.4	807.9	688.2	598.5
-60°	1660.7	1593.4	1499.9	1361.5	1230.6	1103.4	994.9	890.2	774.3	662.1	572.3
-62.5°	1608.4	1537.3	1451.3	1316.6	1189.5	1073.5	976.2	852.8	740.6	635.9	553.6
-65°	1503.6	1428.8	1354.0	1234.3	1118.4	1009.9	912.7	800.4	695.7	605.9	534.9
-67.5°	1339.1	1275.5	1208.2	1107.2	1009.9	912.7	822.9	725.6	639.6	576.0	538.6
-70°	1155.8	1088.5	1021.1	938.8	856.6	778.0	706.9	635.9	579.8	546.1	516.2
-72.5°	841.6	811.7	778.0	714.4	647.1	598.5	564.8	534.9	493.7	463.8	445.1
-75°	561.1	519.9	467.6	445.1	448.8	441.4	422.7	400.2	381.5	370.3	344.1
-77.5°	437.6	415.2	389.0	362.8	351.6	340.4	325.4	306.7	291.8	265.6	228.2
-80°	404.0	385.3	366.6	347.9	329.2	303.0	273.1	243.1	228.2	216.9	213.2
-82.5°	332.9	310.5	288.0	269.3	243.1	224.4	205.7	190.8	190.8	187.0	183.3
-85°	190.8	183.3	172.1	164.6	157.1	145.9	134.7	127.2	123.4	119.7	116.0
-87.5°	97.3	93.5	86.0	82.3	78.5	74.8	67.3	63.6	59.8	59.8	56.1
-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: P723616

CATALOG NUMBER: IFLD-S-SA6C-722-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°	18.7	18.7	15.0	15.0	15.0	11.2	7.5	7.5	3.7	3.7	0.0
85°	44.9	37.4	33.7	29.9	29.9	22.4	15.0	11.2	7.5	3.7	3.7
82.5°	86.0	74.8	63.6	56.1	44.9	33.7	26.2	18.7	11.2	7.5	3.7
80°	97.3	97.3	93.5	78.5	63.6	48.6	33.7	22.4	15.0	11.2	7.5
77.5°	74.8	82.3	82.3	82.3	78.5	59.8	41.1	26.2	15.0	11.2	7.5
75°	86.0	74.8	71.1	74.8	71.1	59.8	48.6	29.9	18.7	15.0	7.5
72.5°	104.7	89.8	78.5	74.8	67.3	56.1	44.9	33.7	18.7	15.0	11.2
70°	97.3	93.5	86.0	78.5	67.3	56.1	44.9	33.7	22.4	15.0	11.2
67.5°	86.0	86.0	86.0	78.5	67.3	52.4	41.1	29.9	22.4	15.0	11.2
65°	59.8	71.1	78.5	74.8	67.3	52.4	41.1	29.9	22.4	18.7	11.2
62.5°	37.4	48.6	63.6	71.1	63.6	52.4	37.4	29.9	22.4	18.7	11.2
60°	33.7	37.4	44.9	56.1	59.8	48.6	37.4	26.2	22.4	18.7	11.2
57.5°	33.7	33.7	37.4	44.9	48.6	44.9	33.7	22.4	22.4	18.7	15.0
55°	37.4	33.7	33.7	37.4	41.1	41.1	33.7	22.4	22.4	18.7	15.0
52.5°	44.9	37.4	33.7	33.7	33.7	37.4	29.9	22.4	22.4	18.7	15.0
50°	56.1	44.9	41.1	33.7	33.7	33.7	29.9	22.4	18.7	18.7	15.0
47.5°	74.8	59.8	44.9	41.1	33.7	29.9	26.2	22.4	18.7	18.7	15.0
45°	112.2	71.1	59.8	44.9	37.4	33.7	29.9	22.4	18.7	18.7	15.0
42.5°	153.4	104.7	74.8	52.4	41.1	33.7	29.9	26.2	18.7	18.7	15.0
40°	194.5	142.1	93.5	67.3	48.6	37.4	29.9	26.2	22.4	18.7	15.0
37.5°	239.4	175.8	123.4	86.0	56.1	41.1	33.7	26.2	22.4	18.7	15.0
35°	295.5	220.7	153.4	104.7	67.3	48.6	37.4	26.2	22.4	18.7	15.0
32.5°	359.1	261.8	183.3	127.2	86.0	59.8	41.1	29.9	22.4	18.7	15.0
30°	418.9	310.5	216.9	153.4	104.7	67.3	44.9	29.9	22.4	18.7	11.2
27.5°	478.8	359.1	258.1	179.5	127.2	78.5	48.6	33.7	22.4	18.7	15.0
25°	538.6	407.7	299.2	205.7	145.9	93.5	59.8	37.4	22.4	18.7	15.0
22.5°	591.0	456.3	336.6	235.6	168.3	108.5	67.3	41.1	26.2	18.7	15.0
20°	650.8	508.7	377.8	269.3	187.0	123.4	74.8	44.9	26.2	18.7	15.0
17.5°	706.9	561.1	418.9	299.2	209.5	138.4	86.0	48.6	29.9	18.7	15.0
15°	763.0	609.7	456.3	329.2	231.9	153.4	93.5	52.4	33.7	18.7	15.0
12.5°	815.4	654.6	490.0	355.3	250.6	168.3	101.0	56.1	37.4	18.7	15.0
10°	864.0	695.7	523.7	377.8	269.3	179.5	108.5	63.6	41.1	18.7	15.0
7.5°	912.7	729.4	549.8	400.2	291.8	194.5	116.0	67.3	44.9	22.4	15.0
5°	942.6	759.3	572.3	418.9	310.5	209.5	123.4	71.1	48.6	22.4	15.0
2.5°	968.8	781.7	587.2	437.6	329.2	220.7	123.4	74.8	52.4	22.4	15.0
0°	983.7	796.7	598.5	448.8	344.1	228.2	127.2	78.5	56.1	22.4	15.0
-2.5°	1017.4	822.9	624.6	463.8	359.1	250.6	134.7	82.3	59.8	26.2	15.0
-5°	1039.8	837.9	643.4	478.8	370.3	273.1	145.9	89.8	67.3	33.7	18.7
-7.5°	1058.5	852.8	658.3	486.3	381.5	280.5	149.6	93.5	71.1	37.4	18.7
-10°	1062.3	860.3	669.5	497.5	389.0	291.8	153.4	97.3	74.8	41.1	18.7
-12.5°	1066.0	867.8	673.3	505.0	396.5	299.2	157.1	101.0	78.5	44.9	18.7
-15°	1062.3	864.0	673.3	512.4	400.2	291.8	164.6	104.7	82.3	48.6	18.7
-17.5°	1054.8	860.3	669.5	508.7	396.5	284.3	168.3	112.2	82.3	52.4	22.4
-20°	1043.6	849.1	662.1	505.0	392.7	276.8	172.1	116.0	86.0	52.4	22.4

REPORT NUMBER: P723616

CATALOG NUMBER: IFLD-S-SA6C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1024.9	830.4	647.1	493.7	385.3	269.3	172.1	123.4	89.8	52.4	22.4
-25°	1002.4	811.7	632.1	478.8	374.0	258.1	172.1	127.2	93.5	52.4	22.4
-27.5°	976.2	793.0	609.7	467.6	359.1	250.6	172.1	130.9	97.3	52.4	22.4
-30°	946.3	766.8	591.0	448.8	347.9	250.6	175.8	134.7	101.0	52.4	22.4
-32.5°	916.4	740.6	568.5	433.9	332.9	246.9	175.8	138.4	104.7	48.6	26.2
-35°	882.7	710.7	549.8	422.7	321.7	239.4	179.5	138.4	101.0	48.6	26.2
-37.5°	841.6	673.3	531.1	411.4	314.2	231.9	179.5	142.1	97.3	48.6	26.2
-40°	796.7	643.4	508.7	396.5	303.0	228.2	179.5	142.1	93.5	48.6	29.9
-42.5°	748.1	609.7	486.3	381.5	291.8	224.4	179.5	142.1	89.8	48.6	29.9
-45°	703.2	576.0	460.1	362.8	280.5	224.4	179.5	138.4	82.3	52.4	29.9
-47.5°	654.6	538.6	430.1	344.1	276.8	220.7	175.8	130.9	74.8	52.4	29.9
-50°	613.4	501.2	407.7	325.4	269.3	224.4	179.5	119.7	74.8	52.4	29.9
-52.5°	572.3	475.0	381.5	317.9	261.8	228.2	175.8	112.2	74.8	52.4	29.9
-55°	538.6	448.8	366.6	306.7	269.3	235.6	168.3	101.0	74.8	52.4	29.9
-57.5°	512.4	433.9	355.3	310.5	280.5	228.2	157.1	97.3	74.8	48.6	29.9
-60°	493.7	418.9	359.1	325.4	284.3	216.9	149.6	97.3	74.8	48.6	26.2
-62.5°	478.8	422.7	377.8	336.6	269.3	202.0	142.1	97.3	67.3	44.9	26.2
-65°	482.5	437.6	385.3	321.7	258.1	187.0	130.9	93.5	63.6	41.1	26.2
-67.5°	493.7	426.4	362.8	303.0	231.9	168.3	119.7	86.0	59.8	41.1	26.2
-70°	456.3	392.7	329.2	258.1	198.2	145.9	112.2	78.5	52.4	37.4	26.2
-72.5°	411.4	329.2	261.8	209.5	168.3	134.7	101.0	71.1	48.6	33.7	22.4
-75°	299.2	239.4	194.5	175.8	149.6	119.7	89.8	63.6	44.9	33.7	22.4
-77.5°	213.2	198.2	179.5	160.8	134.7	104.7	78.5	59.8	41.1	29.9	18.7
-80°	209.5	190.8	168.3	138.4	112.2	89.8	67.3	52.4	37.4	26.2	15.0
-82.5°	175.8	149.6	127.2	104.7	86.0	71.1	56.1	41.1	29.9	18.7	11.2
-85°	108.5	93.5	82.3	71.1	59.8	48.6	37.4	26.2	18.7	11.2	7.5
-87.5°	52.4	48.6	41.1	33.7	29.9	22.4	18.7	15.0	11.2	7.5	3.7
-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: P723616

CATALOG NUMBER: IFLD-S-SA6C-722-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°	3.7	0.0	0.0	0.0
80°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	7.5	3.7	3.7	0.0
67.5°	7.5	3.7	3.7	0.0
65°	7.5	3.7	3.7	0.0
62.5°	7.5	3.7	3.7	0.0
60°	7.5	3.7	3.7	0.0
57.5°	7.5	3.7	3.7	0.0
55°	7.5	3.7	3.7	0.0
52.5°	7.5	3.7	3.7	0.0
50°	7.5	3.7	3.7	0.0
47.5°	7.5	7.5	3.7	0.0
45°	7.5	7.5	3.7	0.0
42.5°	7.5	7.5	3.7	0.0
40°	7.5	7.5	3.7	0.0
37.5°	7.5	7.5	3.7	0.0
35°	7.5	7.5	3.7	0.0
32.5°	11.2	7.5	3.7	0.0
30°	11.2	7.5	7.5	0.0
27.5°	11.2	7.5	7.5	0.0
25°	11.2	7.5	7.5	0.0
22.5°	11.2	7.5	7.5	0.0
20°	11.2	7.5	7.5	0.0
17.5°	11.2	7.5	7.5	0.0
15°	11.2	7.5	7.5	0.0
12.5°	11.2	7.5	7.5	0.0
10°	11.2	7.5	7.5	0.0
7.5°	11.2	7.5	7.5	0.0
5°	11.2	7.5	7.5	0.0
2.5°	11.2	7.5	7.5	0.0
0°	11.2	7.5	7.5	0.0
-2.5°	11.2	7.5	7.5	0.0
-5°	11.2	7.5	7.5	0.0
-7.5°	11.2	7.5	7.5	0.0
-10°	11.2	7.5	7.5	0.0
-12.5°	15.0	7.5	7.5	0.0
-15°	15.0	7.5	7.5	0.0
-17.5°	15.0	7.5	7.5	0.0
-20°	15.0	7.5	7.5	0.0



REPORT NUMBER: P723616

CATALOG NUMBER: IFLD-S-SA6C-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	15.0	7.5	7.5	0.0
-25°	15.0	7.5	7.5	0.0
-27.5°	15.0	7.5	7.5	0.0
-30°	15.0	7.5	7.5	0.0
-32.5°	15.0	7.5	7.5	0.0
-35°	15.0	7.5	7.5	0.0
-37.5°	15.0	7.5	7.5	0.0
-40°	15.0	7.5	7.5	0.0
-42.5°	11.2	7.5	3.7	0.0
-45°	15.0	7.5	3.7	0.0
-47.5°	15.0	7.5	3.7	0.0
-50°	15.0	7.5	3.7	0.0
-52.5°	15.0	7.5	3.7	0.0
-55°	15.0	7.5	3.7	0.0
-57.5°	15.0	7.5	3.7	0.0
-60°	15.0	7.5	3.7	0.0
-62.5°	15.0	7.5	3.7	0.0
-65°	15.0	7.5	3.7	0.0
-67.5°	15.0	7.5	3.7	0.0
-70°	15.0	3.7	3.7	0.0
-72.5°	11.2	3.7	3.7	0.0
-75°	11.2	3.7	3.7	0.0
-77.5°	7.5	3.7	0.0	0.0
-80°	7.5	3.7	0.0	0.0
-82.5°	7.5	3.7	0.0	0.0
-85°	3.7	0.0	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)