

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: P723624

Luminaire Tested: **IFLD-L-SA7A-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723624
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12205.6 lumens	Max Intensity:	287154.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.1 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:	4426.2 lumens	Field Lumens:	7056.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

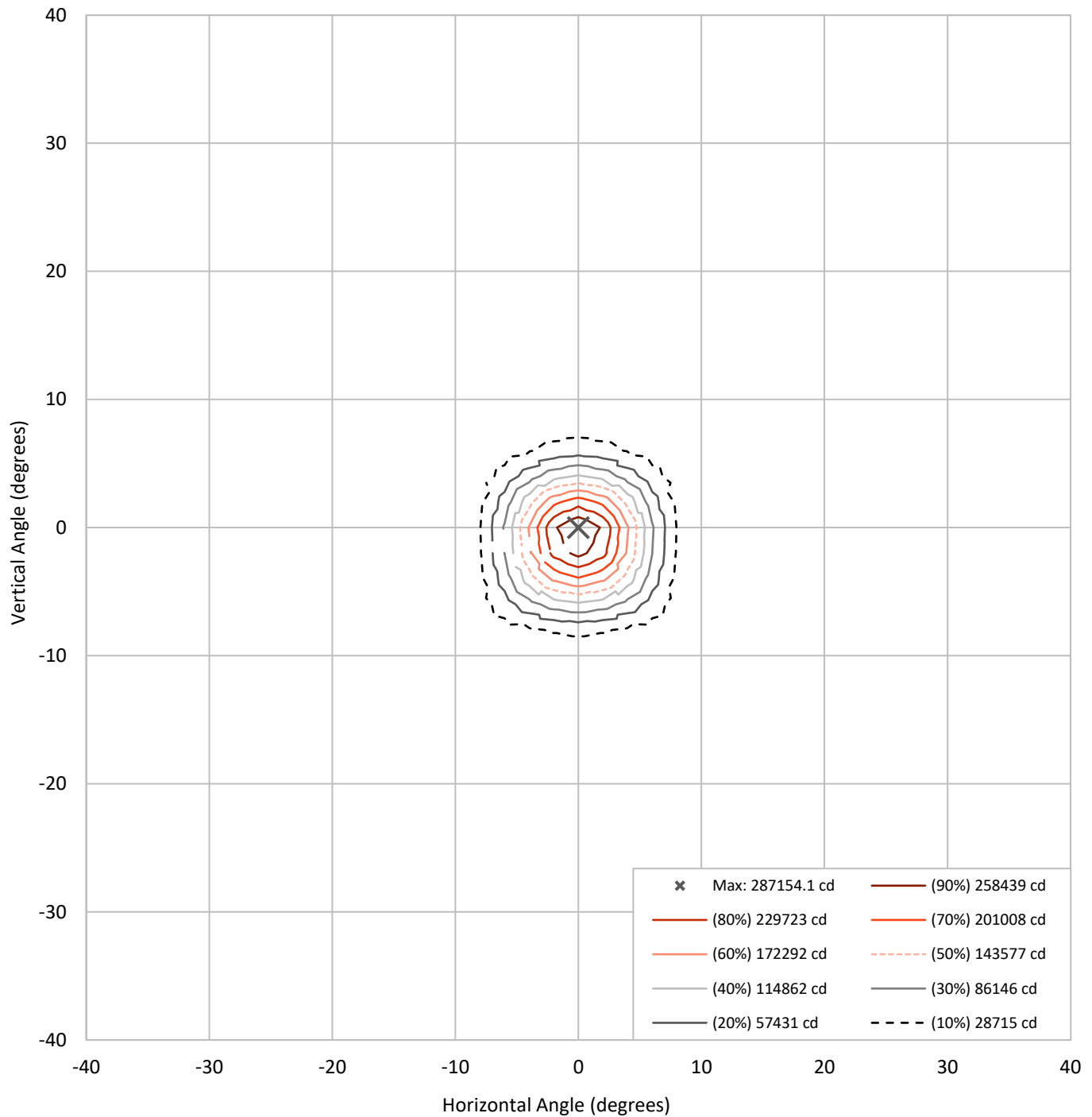
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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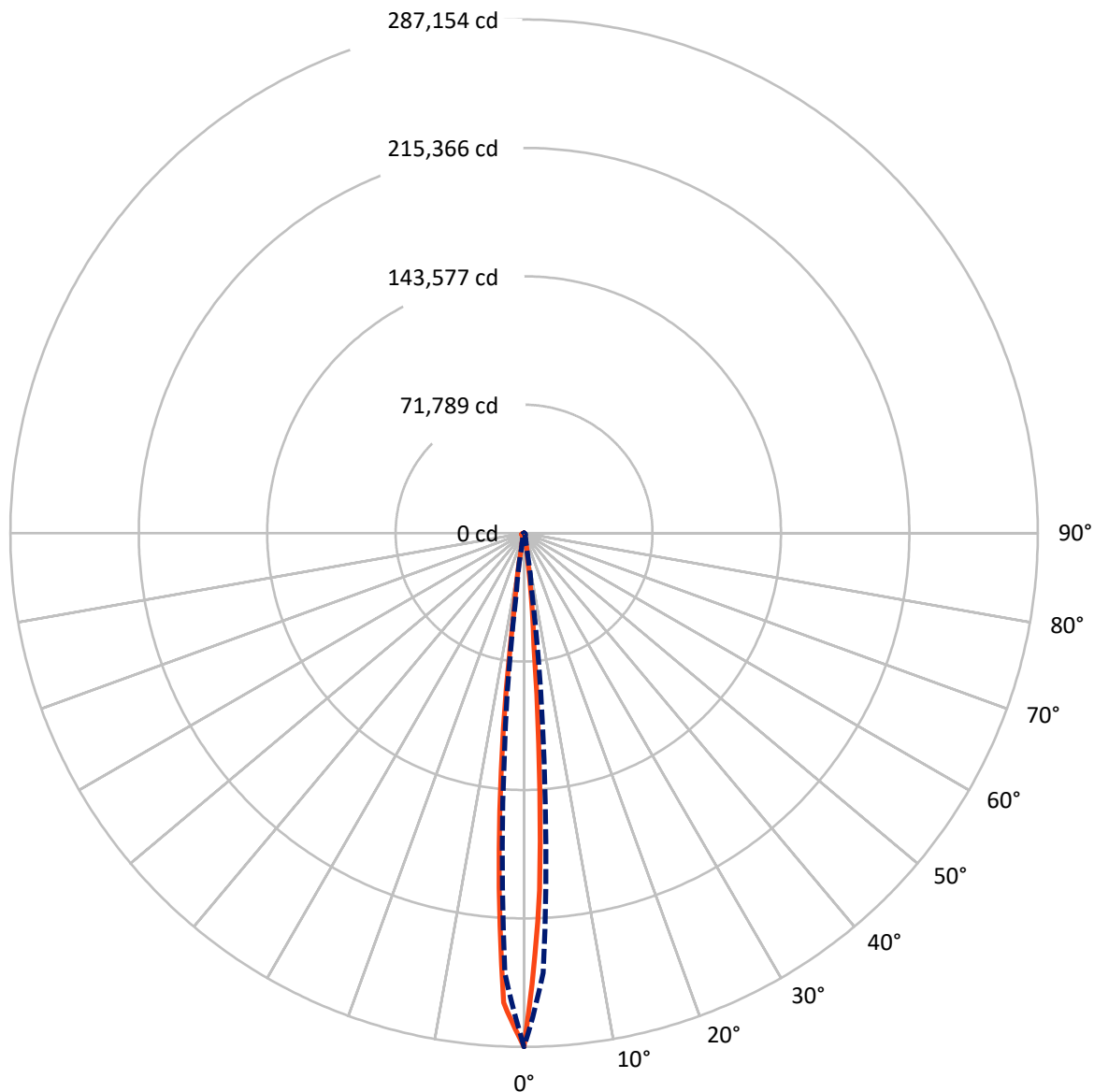
Lumen Table

90																			
80	0.2	2.7		3.0		1.1		0.3		1.1		3.0		2.7		0.2			
70																			
60	0.3	0.6	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.6	0.3			
50		0.4	0.6	1.4	3.1	5.1	6.6	7.6	7.6	6.6	5.1	3.1	1.4	0.6	0.4				
40	0.3	0.4	1.7	5.6	10.9	16.0	19.3	21.3	21.3	19.3	16.0	10.9	5.6	1.7	0.4	0.3			
30		0.8	4.2	11.4	18.6	21.8	23.5	24.4	24.4	23.5	21.8	18.6	11.4	4.2	0.8				
20	0.5	1.6	7.2	16.6	21.5	22.1	26.1	31.5	31.5	26.1	22.1	21.5	16.6	7.2	1.6	0.5			
10		2.5	10.1	20.4	22.9	25.9	45.5	77.5	77.5	45.5	25.9	22.9	20.4	10.1	2.5				
0	0.8	3.2	12.4	22.4	23.8	31.9	86.5	1602.3	1602.3	86.5	31.9	23.8	22.4	12.4	3.2	0.8			
-10		3.8	13.6	23.6	24.7	33.0	93.1	2336.3	2336.3	93.1	33.0	24.7	23.6	13.6	3.8				
-20	1.2	4.0	14.0	24.8	26.7	29.8	54.1	103.9	103.9	54.1	29.8	26.7	24.8	14.0	4.0	1.2			
-30		3.8	13.3	25.1	29.9	30.0	35.1	42.8	42.8	35.1	30.0	29.9	25.1	13.3	3.8				
-40	1.3	3.4	11.7	24.0	33.0	35.9	37.4	37.7	37.7	37.4	35.9	33.0	24.0	11.7	3.4	1.3			
-50		3.0	9.5	20.4	31.8	38.6	43.3	45.4	45.4	43.3	38.6	31.8	20.4	9.5	3.0				
-60	1.0	2.7	7.3	15.8	27.1	36.4	42.3	44.7	44.7	42.3	36.4	27.1	15.8	7.3	2.7	1.0			
-70		2.5	6.4	12.9	22.6	31.8	38.5	41.6	41.6	38.5	31.8	22.6	12.9	6.4	2.5				
-80	0.5	7.6		22.5		41.7		46.0		41.7		22.5		7.6		0.5			
-90																			
	-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



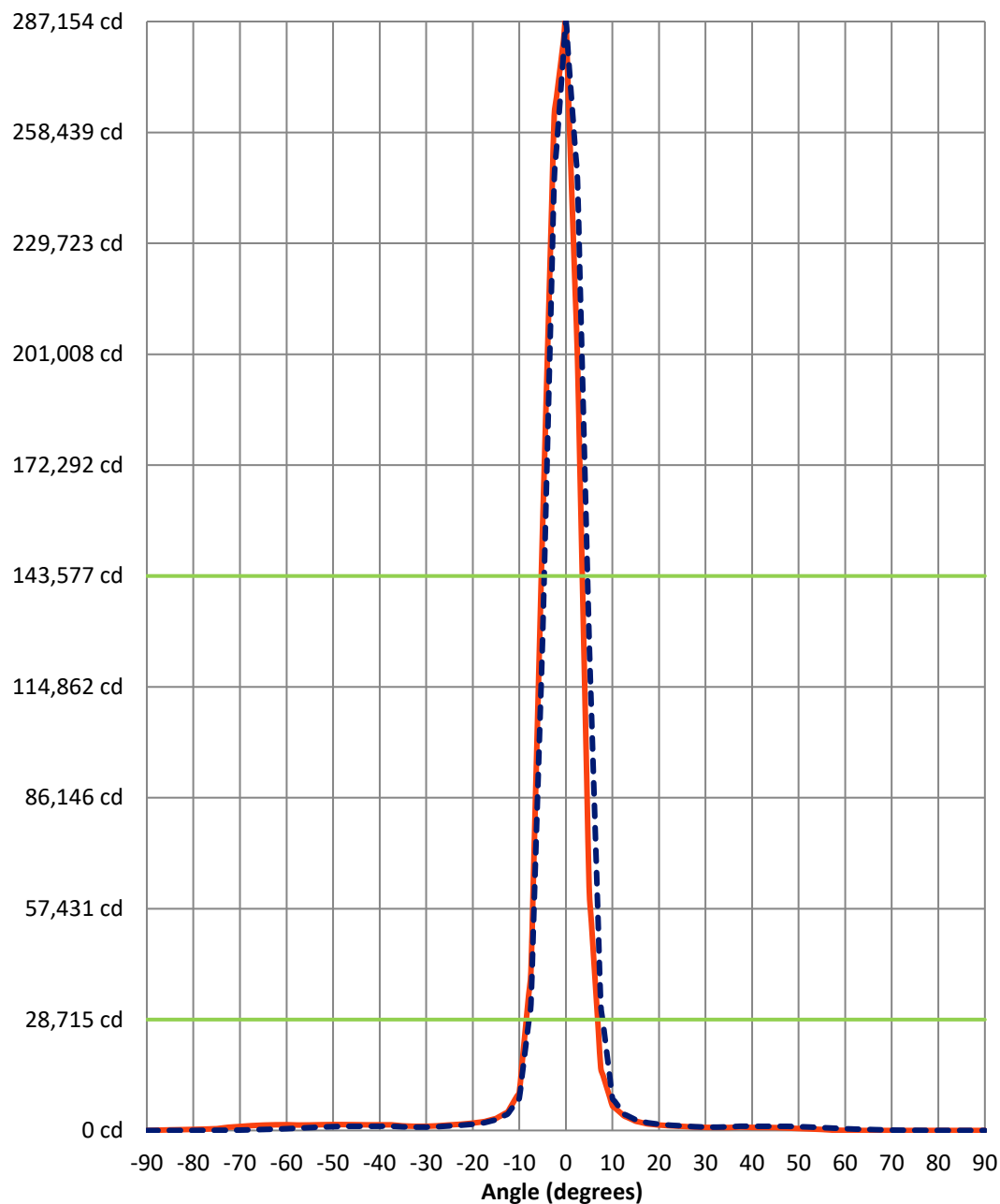
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4426.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 7056.3

Efficiency: 57.8%

Spill:

Lumens: 5149.3

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	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	5.6	5.6	5.6	8.5	11.3	14.1	14.1	16.9
82.5°	0.0	2.8	2.8	5.6	5.6	8.5	8.5	14.1	16.9	19.7	25.4
80°	2.8	2.8	2.8	5.6	5.6	8.5	8.5	11.3	14.1	19.7	22.5
77.5°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	8.5	11.3	14.1	16.9
75°	0.0	2.8	2.8	2.8	5.6	5.6	5.6	5.6	8.5	8.5	11.3
72.5°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.5	8.5	8.5
70°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.5	8.5	8.5
67.5°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	5.6	8.5	8.5	8.5
65°	0.0	0.0	0.0	2.8	2.8	5.6	5.6	8.5	8.5	8.5	8.5
62.5°	2.8	2.8	2.8	5.6	8.5	8.5	11.3	14.1	14.1	14.1	14.1
60°	28.2	31.0	33.8	33.8	31.0	31.0	33.8	33.8	33.8	33.8	33.8
57.5°	76.1	81.7	84.5	84.5	84.5	81.7	93.0	95.8	84.5	78.9	87.3
55°	264.9	273.3	267.7	259.2	242.3	222.6	217.0	214.1	217.0	202.9	180.3
52.5°	386.0	394.5	391.6	386.0	374.7	360.7	349.4	338.1	326.8	304.3	278.9
50°	501.5	504.4	501.5	495.9	484.6	470.5	448.0	422.6	400.1	394.5	371.9
47.5°	631.1	639.6	639.6	636.8	628.3	603.0	569.2	532.5	515.6	510.0	487.4
45°	746.7	752.3	755.1	757.9	755.1	729.8	698.8	679.0	642.4	631.1	631.1
42.5°	777.7	780.5	783.3	786.1	794.6	774.8	749.5	715.7	707.2	704.4	698.8
40°	788.9	783.3	786.1	788.9	791.7	777.7	757.9	738.2	732.6	726.9	726.9
37.5°	896.0	870.6	850.9	834.0	819.9	805.8	786.1	769.2	755.1	743.8	755.1
35°	763.6	763.6	783.3	800.2	817.1	834.0	836.8	817.1	786.1	772.0	791.7
32.5°	780.5	780.5	780.5	786.1	791.7	805.8	819.9	828.4	850.9	825.6	825.6
30°	797.4	800.2	805.8	808.7	800.2	794.6	788.9	788.9	803.0	839.6	859.4
27.5°	896.0	896.0	887.5	876.3	850.9	811.5	791.7	763.6	766.4	783.3	831.2
25°	1056.6	1051.0	1031.2	1003.1	958.0	901.6	848.1	788.9	763.6	755.1	774.8
22.5°	1208.8	1200.3	1174.9	1149.6	1113.0	1056.6	966.4	876.3	797.4	763.6	755.1
20°	1403.2	1383.4	1355.3	1315.8	1256.7	1200.3	1121.4	1003.1	887.5	800.2	766.4
17.5°	1715.9	1690.6	1637.0	1566.6	1465.2	1377.8	1265.1	1152.4	1022.8	881.9	805.8
15°	2400.6	2335.8	2242.8	2048.4	1848.4	1682.1	1513.1	1324.3	1191.8	1005.9	890.4
12.5°	3775.6	3598.1	3327.6	2874.0	2426.0	2040.0	1766.6	1524.3	1310.2	1138.3	974.9
10°	6390.3	6010.0	5263.3	4023.5	3198.0	2488.0	1997.7	1673.7	1403.2	1225.7	1045.3
7.5°	16161.8	13183.6	9329.1	6370.6	4184.2	3040.2	2285.1	1814.5	1501.8	1282.0	1101.7
5°	62990.5	51889.1	27680.2	11552.2	6294.5	3677.0	2544.3	1927.2	1566.6	1324.3	1144.0
2.5°	199912.4	172637.9	90574.9	24868.2	7728.7	4141.9	2721.8	1997.7	1603.2	1355.3	1174.9
0°	287154.1	246101.5	127116.5	32706.8	8382.4	4260.2	2778.2	2011.8	1608.9	1360.9	1174.9
-2.5°	262697.2	229911.5	122794.3	30435.8	8565.5	4294.0	2823.2	2059.7	1651.1	1386.3	1183.4
-5°	156092.9	136916.2	85658.2	21701.2	7610.4	3986.9	2704.9	2017.4	1622.9	1372.2	1177.8
-7.5°	41125.9	35603.3	23420.0	11324.0	4925.2	3372.7	2485.1	1947.0	1586.3	1346.8	1155.2
-10°	9915.2	9396.7	8393.7	5145.0	3834.8	2817.6	2203.4	1820.2	1513.1	1313.0	1118.6
-12.5°	4781.5	4668.8	4237.7	3493.8	2845.8	2341.4	1994.9	1687.7	1445.4	1253.8	1067.9
-15°	3110.6	3045.8	2899.3	2614.7	2285.1	2042.8	1800.5	1552.5	1360.9	1166.5	1025.6
-17.5°	2302.0	2299.2	2225.9	2118.8	1955.4	1775.1	1597.6	1439.8	1253.8	1087.6	980.5
-20°	1907.5	1907.5	1865.3	1794.8	1679.3	1561.0	1442.6	1296.1	1144.0	1020.0	974.9

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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°	1620.1	1622.9	1600.4	1555.3	1493.3	1394.7	1279.2	1160.9	1051.0	1005.9	991.8
-25°	1434.2	1428.5	1403.2	1360.9	1296.1	1217.2	1141.1	1062.2	1031.2	1020.0	1039.7
-27.5°	1214.4	1222.8	1211.6	1191.8	1149.6	1093.2	1076.3	1053.8	1059.4	1076.3	1152.4
-30°	1084.8	1093.2	1104.5	1113.0	1098.9	1084.8	1090.4	1107.3	1144.0	1208.8	1236.9
-32.5°	1084.8	1087.6	1104.5	1121.4	1129.9	1141.1	1172.1	1228.5	1282.0	1265.1	1259.5
-35°	1183.4	1174.9	1197.5	1220.0	1251.0	1290.5	1324.3	1313.0	1293.3	1287.6	1293.3
-37.5°	1465.2	1411.6	1389.1	1375.0	1366.5	1360.9	1352.5	1344.0	1335.5	1329.9	1338.4
-40°	1462.3	1448.3	1434.2	1422.9	1414.4	1403.2	1397.5	1394.7	1386.3	1380.6	1375.0
-42.5°	1456.7	1462.3	1462.3	1459.5	1462.3	1459.5	1451.1	1439.8	1425.7	1414.4	1403.2
-45°	1499.0	1501.8	1507.4	1513.1	1521.5	1510.2	1493.3	1473.6	1453.9	1437.0	1422.9
-47.5°	1524.3	1527.1	1532.8	1541.2	1546.9	1535.6	1513.1	1487.7	1456.7	1428.5	1400.4
-50°	1532.8	1541.2	1544.1	1544.1	1541.2	1527.1	1493.3	1456.7	1422.9	1394.7	1369.4
-52.5°	1493.3	1501.8	1504.6	1499.0	1496.2	1482.1	1451.1	1417.3	1380.6	1360.9	1338.4
-55°	1428.5	1439.8	1448.3	1448.3	1448.3	1445.4	1417.3	1386.3	1358.1	1335.5	1313.0
-57.5°	1403.2	1422.9	1439.8	1442.6	1445.4	1448.3	1428.5	1397.5	1363.7	1329.9	1301.7
-60°	1496.2	1513.1	1521.5	1510.2	1501.8	1493.3	1462.3	1425.7	1391.9	1358.1	1304.6
-62.5°	1470.8	1499.0	1513.1	1504.6	1493.3	1479.2	1445.4	1403.2	1363.7	1327.1	1273.6
-65°	1389.1	1414.4	1431.3	1417.3	1400.4	1380.6	1349.6	1310.2	1273.6	1236.9	1189.0
-67.5°	1251.0	1287.6	1315.8	1284.8	1262.3	1236.9	1211.6	1177.8	1141.1	1098.9	1053.8
-70°	1034.1	1062.2	1087.6	1079.1	1073.5	1067.9	1051.0	1017.2	986.2	952.4	912.9
-72.5°	831.2	856.6	879.1	865.0	853.7	836.8	811.5	774.8	738.2	701.6	665.0
-75°	459.3	467.7	476.2	473.4	473.4	473.4	473.4	476.2	470.5	462.1	445.2
-77.5°	352.2	363.5	371.9	377.6	386.0	397.3	405.7	391.6	377.6	363.5	346.6
-80°	276.1	287.4	295.8	326.8	349.4	374.7	391.6	371.9	352.2	335.3	321.2
-82.5°	208.5	217.0	225.4	242.3	253.6	267.7	278.9	278.9	276.1	273.3	264.9
-85°	152.2	163.4	174.7	180.3	188.8	188.8	191.6	180.3	169.1	160.6	149.3
-87.5°	87.3	90.2	90.2	90.2	93.0	93.0	93.0	87.3	84.5	78.9	76.1
-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°	2.8	2.8	2.8	5.6	5.6	8.5	8.5	11.3	11.3	14.1	14.1
85°	16.9	16.9	16.9	19.7	19.7	22.5	25.4	28.2	31.0	31.0	33.8
82.5°	28.2	31.0	33.8	36.6	39.4	42.3	45.1	47.9	56.4	62.0	64.8
80°	28.2	31.0	39.4	45.1	50.7	56.4	56.4	56.4	56.4	59.2	64.8
77.5°	19.7	22.5	25.4	31.0	45.1	56.4	64.8	70.4	64.8	62.0	56.4
75°	11.3	14.1	16.9	19.7	28.2	39.4	53.5	67.6	78.9	76.1	70.4
72.5°	11.3	11.3	14.1	16.9	19.7	22.5	25.4	39.4	56.4	70.4	78.9
70°	11.3	14.1	14.1	16.9	19.7	22.5	25.4	31.0	39.4	56.4	73.3
67.5°	11.3	14.1	14.1	19.7	25.4	28.2	31.0	28.2	25.4	36.6	53.5
65°	11.3	11.3	14.1	16.9	19.7	22.5	31.0	31.0	28.2	28.2	28.2
62.5°	16.9	16.9	16.9	16.9	19.7	19.7	19.7	25.4	25.4	25.4	25.4
60°	33.8	31.0	31.0	31.0	31.0	25.4	25.4	25.4	22.5	25.4	22.5
57.5°	81.7	67.6	62.0	62.0	53.5	50.7	42.3	31.0	31.0	25.4	25.4
55°	166.2	157.8	132.4	109.9	98.6	87.3	67.6	56.4	42.3	33.8	31.0
52.5°	256.4	233.9	211.3	183.1	155.0	132.4	112.7	87.3	70.4	50.7	39.4
50°	335.3	315.6	290.2	259.2	222.6	194.4	166.2	132.4	104.3	78.9	56.4
47.5°	456.5	417.0	386.0	349.4	307.1	267.7	231.0	191.6	146.5	115.5	87.3
45°	586.1	529.7	487.4	453.6	397.3	343.7	301.5	259.2	205.7	152.2	118.3
42.5°	676.2	634.0	577.6	532.5	481.8	425.5	369.1	324.0	267.7	205.7	152.2
40°	724.1	696.0	650.9	611.4	557.9	495.9	436.7	391.6	332.5	264.9	191.6
37.5°	760.8	746.7	724.1	693.1	642.4	569.2	510.0	456.5	405.7	326.8	247.9
35°	803.0	800.2	786.1	772.0	729.8	659.3	588.9	526.9	464.9	391.6	304.3
32.5°	842.5	839.6	831.2	825.6	808.7	746.7	670.6	600.2	529.7	453.6	357.8
30°	862.2	856.6	856.6	862.2	845.3	805.8	749.5	673.4	594.5	504.4	414.2
27.5°	862.2	856.6	859.4	867.8	865.0	845.3	803.0	741.0	653.7	552.3	464.9
25°	825.6	853.7	853.7	865.0	867.8	862.2	839.6	800.2	710.0	603.0	504.4
22.5°	774.8	842.5	867.8	865.0	867.8	881.9	884.7	848.1	763.6	653.7	543.8
20°	774.8	822.7	896.0	876.3	881.9	912.9	927.0	896.0	819.9	701.6	583.2
17.5°	791.7	822.7	884.7	915.7	924.2	949.5	972.1	952.4	870.6	752.3	636.8
15°	839.6	834.0	876.3	952.4	966.4	986.2	1011.5	989.0	915.7	808.7	687.5
12.5°	873.5	842.5	876.3	958.0	1003.1	1022.8	1031.2	1014.3	955.2	859.4	738.2
10°	918.5	865.0	881.9	952.4	1017.2	1031.2	1039.7	1034.1	991.8	901.6	783.3
7.5°	952.4	876.3	876.3	943.9	1031.2	1042.5	1048.2	1053.8	1022.8	938.3	822.7
5°	966.4	876.3	870.6	935.4	1045.3	1056.6	1056.6	1065.1	1045.3	966.4	850.9
2.5°	969.3	873.5	865.0	929.8	1070.7	1070.7	1065.1	1073.5	1062.2	983.3	870.6
0°	983.3	870.6	862.2	938.3	1098.9	1087.6	1073.5	1076.3	1070.7	991.8	881.9
-2.5°	983.3	884.7	873.5	943.9	1096.1	1093.2	1087.6	1090.4	1084.8	1017.2	904.5
-5°	997.4	904.5	893.2	969.3	1093.2	1101.7	1104.5	1104.5	1096.1	1034.1	918.5
-7.5°	1000.3	918.5	915.7	994.6	1098.9	1113.0	1121.4	1127.0	1110.1	1045.3	929.8
-10°	986.2	924.2	938.3	1025.6	1104.5	1124.2	1141.1	1149.6	1121.4	1051.0	935.4
-12.5°	955.2	924.2	960.8	1065.1	1118.6	1141.1	1166.5	1169.3	1132.7	1053.8	938.3
-15°	952.4	946.7	1000.3	1104.5	1127.0	1155.2	1194.7	1186.2	1141.1	1053.8	938.3
-17.5°	949.5	977.7	1059.4	1118.6	1141.1	1172.1	1203.1	1194.7	1146.8	1053.8	932.6
-20°	974.9	1028.4	1129.9	1132.7	1158.0	1191.8	1208.8	1191.8	1138.3	1045.3	924.2

REPORT NUMBER: P723624

CATALOG NUMBER: IFLD-L-SA7A-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°	1017.2	1118.6	1152.4	1163.7	1186.2	1211.6	1220.0	1194.7	1129.9	1031.2	910.1
-25°	1124.2	1174.9	1174.9	1200.3	1222.8	1234.1	1225.7	1197.5	1118.6	1017.2	896.0
-27.5°	1205.9	1203.1	1217.2	1242.6	1262.3	1262.3	1239.7	1183.4	1101.7	1003.1	876.3
-30°	1236.9	1239.7	1259.5	1287.6	1293.3	1279.2	1245.4	1172.1	1087.6	980.5	850.9
-32.5°	1267.9	1279.2	1304.6	1318.6	1321.5	1293.3	1231.3	1152.4	1065.1	955.2	822.7
-35°	1304.6	1327.1	1341.2	1344.0	1329.9	1282.0	1211.6	1127.0	1031.2	918.5	797.4
-37.5°	1352.5	1363.7	1372.2	1360.9	1321.5	1265.1	1177.8	1093.2	1000.3	879.1	760.8
-40°	1383.4	1389.1	1391.9	1355.3	1307.4	1225.7	1141.1	1053.8	946.7	834.0	721.3
-42.5°	1403.2	1397.5	1375.0	1335.5	1265.1	1186.2	1104.5	1005.9	898.8	788.9	679.0
-45°	1397.5	1377.8	1344.0	1296.1	1222.8	1144.0	1048.2	949.5	848.1	741.0	631.1
-47.5°	1375.0	1344.0	1301.7	1245.4	1177.8	1082.0	986.2	890.4	791.7	687.5	586.1
-50°	1346.8	1310.2	1259.5	1189.0	1098.9	1011.5	924.2	831.2	729.8	634.0	543.8
-52.5°	1315.8	1276.4	1211.6	1132.7	1034.1	943.9	859.4	769.2	676.2	586.1	507.2
-55°	1282.0	1242.6	1169.3	1079.1	980.5	881.9	800.2	724.1	634.0	546.6	476.2
-57.5°	1265.1	1214.4	1138.3	1048.2	943.9	842.5	772.0	690.3	608.6	518.4	450.8
-60°	1251.0	1200.3	1129.9	1025.6	927.0	831.2	749.5	670.6	583.2	498.7	431.1
-62.5°	1211.6	1158.0	1093.2	991.8	896.0	808.7	735.4	642.4	557.9	479.0	417.0
-65°	1132.7	1076.3	1020.0	929.8	842.5	760.8	687.5	603.0	524.1	456.5	402.9
-67.5°	1008.7	960.8	910.1	834.0	760.8	687.5	619.9	546.6	481.8	433.9	405.7
-70°	870.6	819.9	769.2	707.2	645.2	586.1	532.5	479.0	436.7	411.4	388.8
-72.5°	634.0	611.4	586.1	538.2	487.4	450.8	425.5	402.9	371.9	349.4	335.3
-75°	422.6	391.6	352.2	335.3	338.1	332.5	318.4	301.5	287.4	278.9	259.2
-77.5°	329.7	312.8	293.0	273.3	264.9	256.4	245.1	231.0	219.8	200.1	171.9
-80°	304.3	290.2	276.1	262.0	247.9	228.2	205.7	183.1	171.9	163.4	160.6
-82.5°	250.8	233.9	217.0	202.9	183.1	169.1	155.0	143.7	143.7	140.9	138.1
-85°	143.7	138.1	129.6	124.0	118.3	109.9	101.4	95.8	93.0	90.2	87.3
-87.5°	73.3	70.4	64.8	62.0	59.2	56.4	50.7	47.9	45.1	45.1	42.3
-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: P723624

CATALOG NUMBER: IFLD-L-SA7A-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°	14.1	14.1	11.3	11.3	11.3	8.5	5.6	5.6	2.8	2.8	0.0
85°	33.8	28.2	25.4	22.5	22.5	16.9	11.3	8.5	5.6	2.8	2.8
82.5°	64.8	56.4	47.9	42.3	33.8	25.4	19.7	14.1	8.5	5.6	2.8
80°	73.3	73.3	70.4	59.2	47.9	36.6	25.4	16.9	11.3	8.5	5.6
77.5°	56.4	62.0	62.0	62.0	59.2	45.1	31.0	19.7	11.3	8.5	5.6
75°	64.8	56.4	53.5	56.4	53.5	45.1	36.6	22.5	14.1	11.3	5.6
72.5°	78.9	67.6	59.2	56.4	50.7	42.3	33.8	25.4	14.1	11.3	8.5
70°	73.3	70.4	64.8	59.2	50.7	42.3	33.8	25.4	16.9	11.3	8.5
67.5°	64.8	64.8	64.8	59.2	50.7	39.4	31.0	22.5	16.9	11.3	8.5
65°	45.1	53.5	59.2	56.4	50.7	39.4	31.0	22.5	16.9	14.1	8.5
62.5°	28.2	36.6	47.9	53.5	47.9	39.4	28.2	22.5	16.9	14.1	8.5
60°	25.4	28.2	33.8	42.3	45.1	36.6	28.2	19.7	16.9	14.1	8.5
57.5°	25.4	25.4	28.2	33.8	36.6	33.8	25.4	16.9	16.9	14.1	11.3
55°	28.2	25.4	25.4	28.2	31.0	31.0	25.4	16.9	16.9	14.1	11.3
52.5°	33.8	28.2	25.4	25.4	25.4	28.2	22.5	16.9	16.9	14.1	11.3
50°	42.3	33.8	31.0	25.4	25.4	25.4	22.5	16.9	14.1	14.1	11.3
47.5°	56.4	45.1	33.8	31.0	25.4	22.5	19.7	16.9	14.1	14.1	11.3
45°	84.5	53.5	45.1	33.8	28.2	25.4	22.5	16.9	14.1	14.1	11.3
42.5°	115.5	78.9	56.4	39.4	31.0	25.4	22.5	19.7	14.1	14.1	11.3
40°	146.5	107.1	70.4	50.7	36.6	28.2	22.5	19.7	16.9	14.1	11.3
37.5°	180.3	132.4	93.0	64.8	42.3	31.0	25.4	19.7	16.9	14.1	11.3
35°	222.6	166.2	115.5	78.9	50.7	36.6	28.2	19.7	16.9	14.1	11.3
32.5°	270.5	197.2	138.1	95.8	64.8	45.1	31.0	22.5	16.9	14.1	11.3
30°	315.6	233.9	163.4	115.5	78.9	50.7	33.8	22.5	16.9	14.1	8.5
27.5°	360.7	270.5	194.4	135.2	95.8	59.2	36.6	25.4	16.9	14.1	11.3
25°	405.7	307.1	225.4	155.0	109.9	70.4	45.1	28.2	16.9	14.1	11.3
22.5°	445.2	343.7	253.6	177.5	126.8	81.7	50.7	31.0	19.7	14.1	11.3
20°	490.3	383.2	284.6	202.9	140.9	93.0	56.4	33.8	19.7	14.1	11.3
17.5°	532.5	422.6	315.6	225.4	157.8	104.3	64.8	36.6	22.5	14.1	11.3
15°	574.8	459.3	343.7	247.9	174.7	115.5	70.4	39.4	25.4	14.1	11.3
12.5°	614.2	493.1	369.1	267.7	188.8	126.8	76.1	42.3	28.2	14.1	11.3
10°	650.9	524.1	394.5	284.6	202.9	135.2	81.7	47.9	31.0	14.1	11.3
7.5°	687.5	549.4	414.2	301.5	219.8	146.5	87.3	50.7	33.8	16.9	11.3
5°	710.0	572.0	431.1	315.6	233.9	157.8	93.0	53.5	36.6	16.9	11.3
2.5°	729.8	588.9	442.4	329.7	247.9	166.2	93.0	56.4	39.4	16.9	11.3
0°	741.0	600.2	450.8	338.1	259.2	171.9	95.8	59.2	42.3	16.9	11.3
-2.5°	766.4	619.9	470.5	349.4	270.5	188.8	101.4	62.0	45.1	19.7	11.3
-5°	783.3	631.1	484.6	360.7	278.9	205.7	109.9	67.6	50.7	25.4	14.1
-7.5°	797.4	642.4	495.9	366.3	287.4	211.3	112.7	70.4	53.5	28.2	14.1
-10°	800.2	648.1	504.4	374.7	293.0	219.8	115.5	73.3	56.4	31.0	14.1
-12.5°	803.0	653.7	507.2	380.4	298.7	225.4	118.3	76.1	59.2	33.8	14.1
-15°	800.2	650.9	507.2	386.0	301.5	219.8	124.0	78.9	62.0	36.6	14.1
-17.5°	794.6	648.1	504.4	383.2	298.7	214.1	126.8	84.5	62.0	39.4	16.9
-20°	786.1	639.6	498.7	380.4	295.8	208.5	129.6	87.3	64.8	39.4	16.9

REPORT NUMBER: P723624

CATALOG NUMBER: IFLD-L-SA7A-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°	772.0	625.5	487.4	371.9	290.2	202.9	129.6	93.0	67.6	39.4	16.9
-25°	755.1	611.4	476.2	360.7	281.8	194.4	129.6	95.8	70.4	39.4	16.9
-27.5°	735.4	597.3	459.3	352.2	270.5	188.8	129.6	98.6	73.3	39.4	16.9
-30°	712.9	577.6	445.2	338.1	262.0	188.8	132.4	101.4	76.1	39.4	16.9
-32.5°	690.3	557.9	428.3	326.8	250.8	186.0	132.4	104.3	78.9	36.6	19.7
-35°	665.0	535.3	414.2	318.4	242.3	180.3	135.2	104.3	76.1	36.6	19.7
-37.5°	634.0	507.2	400.1	309.9	236.7	174.7	135.2	107.1	73.3	36.6	19.7
-40°	600.2	484.6	383.2	298.7	228.2	171.9	135.2	107.1	70.4	36.6	22.5
-42.5°	563.5	459.3	366.3	287.4	219.8	169.1	135.2	107.1	67.6	36.6	22.5
-45°	529.7	433.9	346.6	273.3	211.3	169.1	135.2	104.3	62.0	39.4	22.5
-47.5°	493.1	405.7	324.0	259.2	208.5	166.2	132.4	98.6	56.4	39.4	22.5
-50°	462.1	377.6	307.1	245.1	202.9	169.1	135.2	90.2	56.4	39.4	22.5
-52.5°	431.1	357.8	287.4	239.5	197.2	171.9	132.4	84.5	56.4	39.4	22.5
-55°	405.7	338.1	276.1	231.0	202.9	177.5	126.8	76.1	56.4	39.4	22.5
-57.5°	386.0	326.8	267.7	233.9	211.3	171.9	118.3	73.3	56.4	36.6	22.5
-60°	371.9	315.6	270.5	245.1	214.1	163.4	112.7	73.3	56.4	36.6	19.7
-62.5°	360.7	318.4	284.6	253.6	202.9	152.2	107.1	73.3	50.7	33.8	19.7
-65°	363.5	329.7	290.2	242.3	194.4	140.9	98.6	70.4	47.9	31.0	19.7
-67.5°	371.9	321.2	273.3	228.2	174.7	126.8	90.2	64.8	45.1	31.0	19.7
-70°	343.7	295.8	247.9	194.4	149.3	109.9	84.5	59.2	39.4	28.2	19.7
-72.5°	309.9	247.9	197.2	157.8	126.8	101.4	76.1	53.5	36.6	25.4	16.9
-75°	225.4	180.3	146.5	132.4	112.7	90.2	67.6	47.9	33.8	25.4	16.9
-77.5°	160.6	149.3	135.2	121.2	101.4	78.9	59.2	45.1	31.0	22.5	14.1
-80°	157.8	143.7	126.8	104.3	84.5	67.6	50.7	39.4	28.2	19.7	11.3
-82.5°	132.4	112.7	95.8	78.9	64.8	53.5	42.3	31.0	22.5	14.1	8.5
-85°	81.7	70.4	62.0	53.5	45.1	36.6	28.2	19.7	14.1	8.5	5.6
-87.5°	39.4	36.6	31.0	25.4	22.5	16.9	14.1	11.3	8.5	5.6	2.8
-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: P723624

CATALOG NUMBER: IFLD-L-SA7A-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°	2.8	0.0	0.0	0.0
80°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	5.6	2.8	2.8	0.0
67.5°	5.6	2.8	2.8	0.0
65°	5.6	2.8	2.8	0.0
62.5°	5.6	2.8	2.8	0.0
60°	5.6	2.8	2.8	0.0
57.5°	5.6	2.8	2.8	0.0
55°	5.6	2.8	2.8	0.0
52.5°	5.6	2.8	2.8	0.0
50°	5.6	2.8	2.8	0.0
47.5°	5.6	5.6	2.8	0.0
45°	5.6	5.6	2.8	0.0
42.5°	5.6	5.6	2.8	0.0
40°	5.6	5.6	2.8	0.0
37.5°	5.6	5.6	2.8	0.0
35°	5.6	5.6	2.8	0.0
32.5°	8.5	5.6	2.8	0.0
30°	8.5	5.6	5.6	0.0
27.5°	8.5	5.6	5.6	0.0
25°	8.5	5.6	5.6	0.0
22.5°	8.5	5.6	5.6	0.0
20°	8.5	5.6	5.6	0.0
17.5°	8.5	5.6	5.6	0.0
15°	8.5	5.6	5.6	0.0
12.5°	8.5	5.6	5.6	0.0
10°	8.5	5.6	5.6	0.0
7.5°	8.5	5.6	5.6	0.0
5°	8.5	5.6	5.6	0.0
2.5°	8.5	5.6	5.6	0.0
0°	8.5	5.6	5.6	0.0
-2.5°	8.5	5.6	5.6	0.0
-5°	8.5	5.6	5.6	0.0
-7.5°	8.5	5.6	5.6	0.0
-10°	8.5	5.6	5.6	0.0
-12.5°	11.3	5.6	5.6	0.0
-15°	11.3	5.6	5.6	0.0
-17.5°	11.3	5.6	5.6	0.0
-20°	11.3	5.6	5.6	0.0



REPORT NUMBER: P723624

CATALOG NUMBER: IFLD-L-SA7A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.3	5.6	5.6	0.0
-25°	11.3	5.6	5.6	0.0
-27.5°	11.3	5.6	5.6	0.0
-30°	11.3	5.6	5.6	0.0
-32.5°	11.3	5.6	5.6	0.0
-35°	11.3	5.6	5.6	0.0
-37.5°	11.3	5.6	5.6	0.0
-40°	11.3	5.6	5.6	0.0
-42.5°	8.5	5.6	2.8	0.0
-45°	11.3	5.6	2.8	0.0
-47.5°	11.3	5.6	2.8	0.0
-50°	11.3	5.6	2.8	0.0
-52.5°	11.3	5.6	2.8	0.0
-55°	11.3	5.6	2.8	0.0
-57.5°	11.3	5.6	2.8	0.0
-60°	11.3	5.6	2.8	0.0
-62.5°	11.3	5.6	2.8	0.0
-65°	11.3	5.6	2.8	0.0
-67.5°	11.3	5.6	2.8	0.0
-70°	11.3	2.8	2.8	0.0
-72.5°	8.5	2.8	2.8	0.0
-75°	8.5	2.8	2.8	0.0
-77.5°	5.6	2.8	0.0	0.0
-80°	5.6	2.8	0.0	0.0
-82.5°	5.6	2.8	0.0	0.0
-85°	2.8	0.0	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)