

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: P723817

Luminaire Tested: **IFLD-S-SA6A-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723817
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10503.2 lumens	Max Intensity:	247104.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.4 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:	3808.9 lumens	Field Lumens:	6072.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

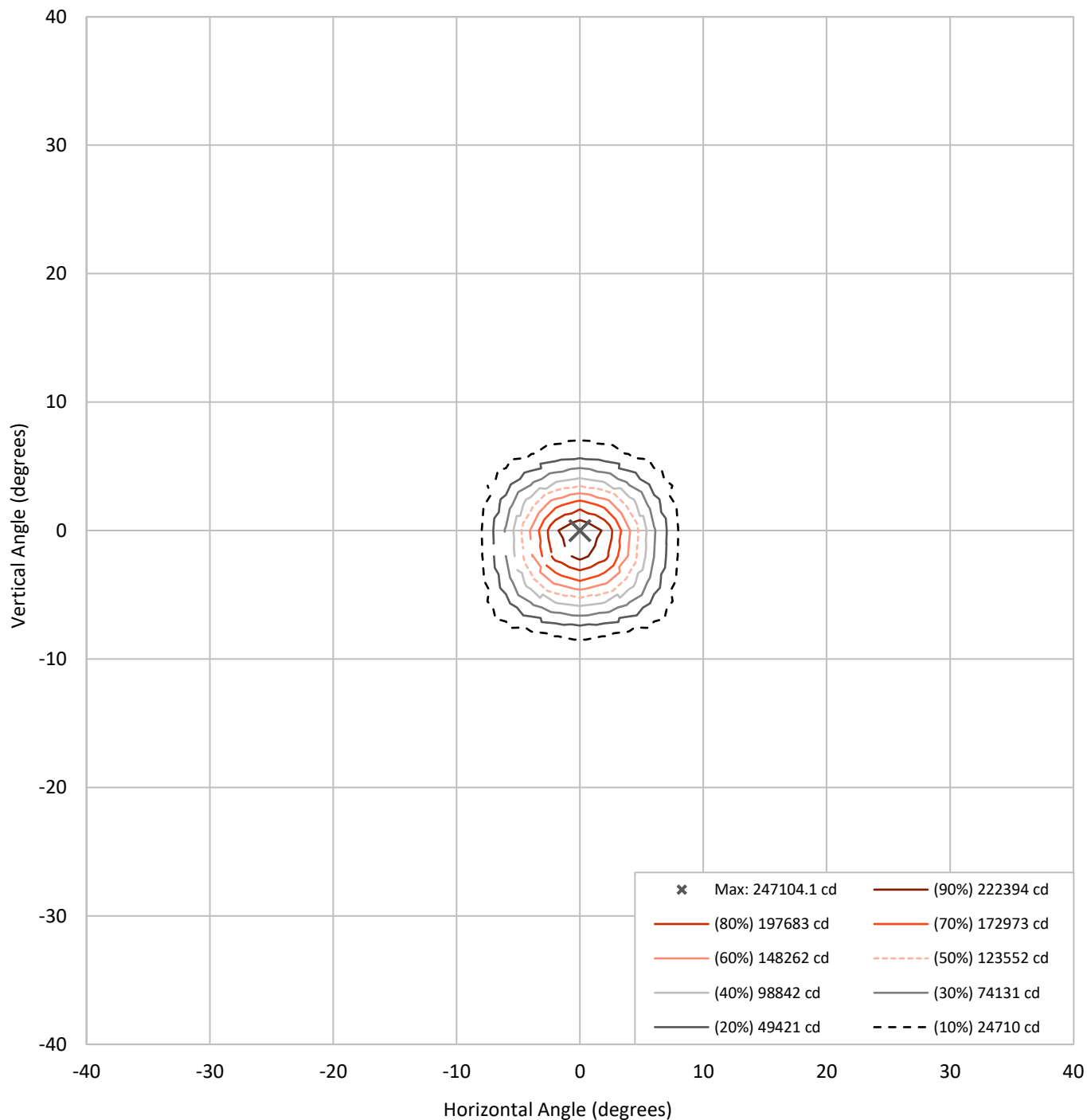
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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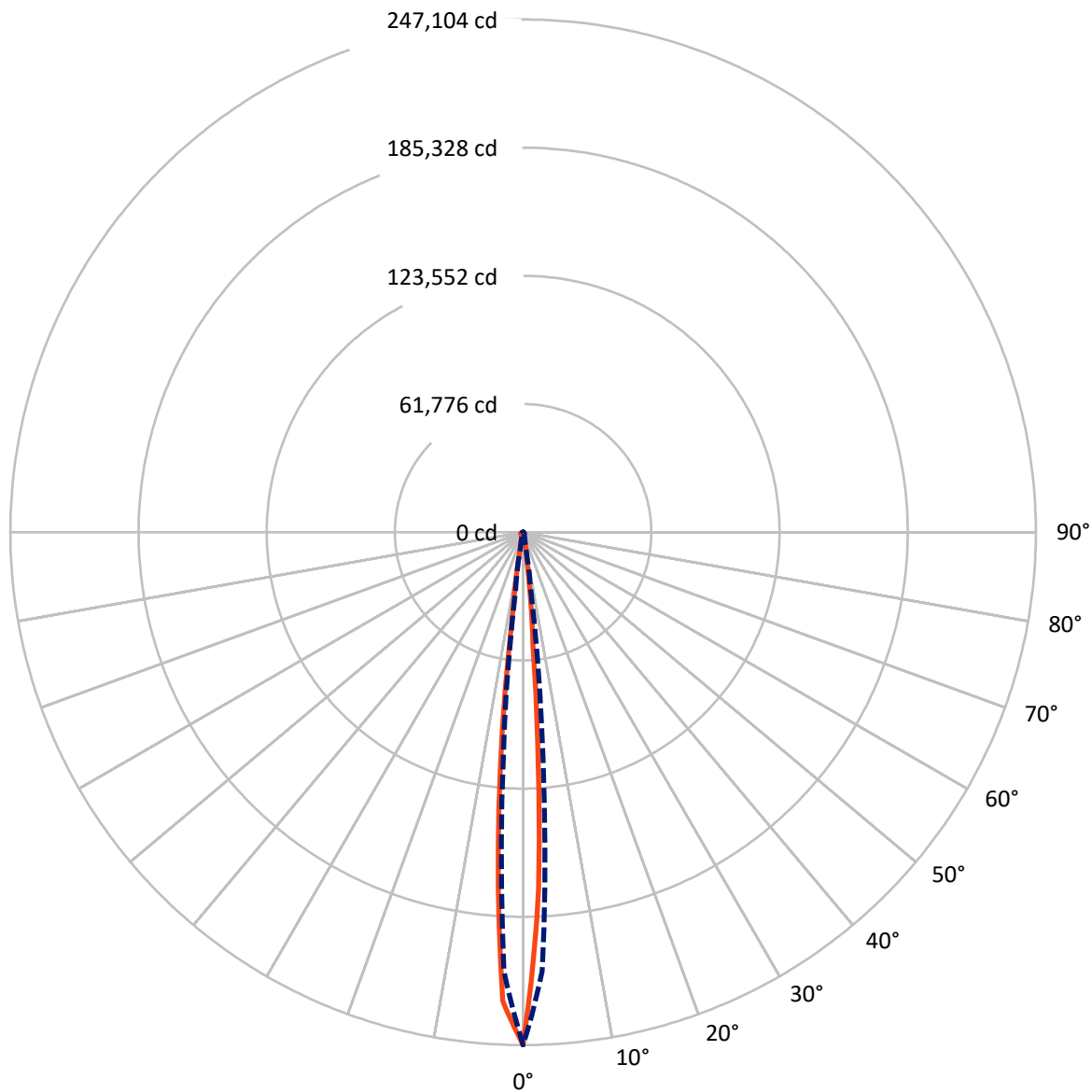
Lumen Table

90																			
80	0.2	2.3		2.5		1.0		0.3		1.0		2.5		2.3		0.2			
70																			
60	0.3	0.5	0.7	0.5	0.4	0.3	0.3	0.1	0.1	0.3	0.3	0.4	0.5	0.7	0.5	0.3			
50		0.3	0.5	1.2	2.7	4.4	5.7	6.5	6.5	5.7	4.4	2.7	1.2	0.5	0.3				
40	0.3	0.3	1.4	4.8	9.4	13.8	16.6	18.4	18.4	16.6	13.8	9.4	4.8	1.4	0.3	0.3			
30		0.7	3.6	9.8	16.0	18.8	20.3	21.0	21.0	20.3	18.8	16.0	9.8	3.6	0.7				
20	0.4	1.4	6.2	14.3	18.5	19.1	22.5	27.1	27.1	22.5	19.1	18.5	14.3	6.2	1.4	0.4			
10		2.1	8.7	17.6	19.7	22.3	39.1	66.7	66.7	39.1	22.3	19.7	17.6	8.7	2.1				
0	0.7	2.8	10.7	19.3	20.5	27.5	74.4	1378.8	1378.8	74.4	27.5	20.5	19.3	10.7	2.8	0.7			
-10		3.2	11.7	20.3	21.2	28.4	80.2	2010.4	2010.4	80.2	28.4	21.2	20.3	11.7	3.2				
-20	1.0	3.5	12.0	21.3	23.0	25.6	46.6	89.4	89.4	46.6	25.6	23.0	21.3	12.0	3.5	1.0			
-30		3.3	11.4	21.6	25.8	25.8	30.2	36.8	36.8	30.2	25.8	25.8	21.6	11.4	3.3				
-40	1.1	2.9	10.1	20.7	28.4	30.9	32.2	32.4	32.4	32.2	30.9	28.4	20.7	10.1	2.9	1.1			
-50		2.5	8.1	17.5	27.3	33.2	37.3	39.1	39.1	37.3	33.2	27.3	17.5	8.1	2.5				
-60	0.9	2.3	6.3	13.6	23.3	31.3	36.4	38.5	38.5	36.4	31.3	23.3	13.6	6.3	2.3	0.9			
-70		2.1	5.5	11.1	19.5	27.4	33.1	35.8	35.8	33.1	27.4	19.5	11.1	5.5	2.1				
-80	0.4	6.5		19.3		35.8		39.6		35.8		19.3		6.5		0.4			
-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



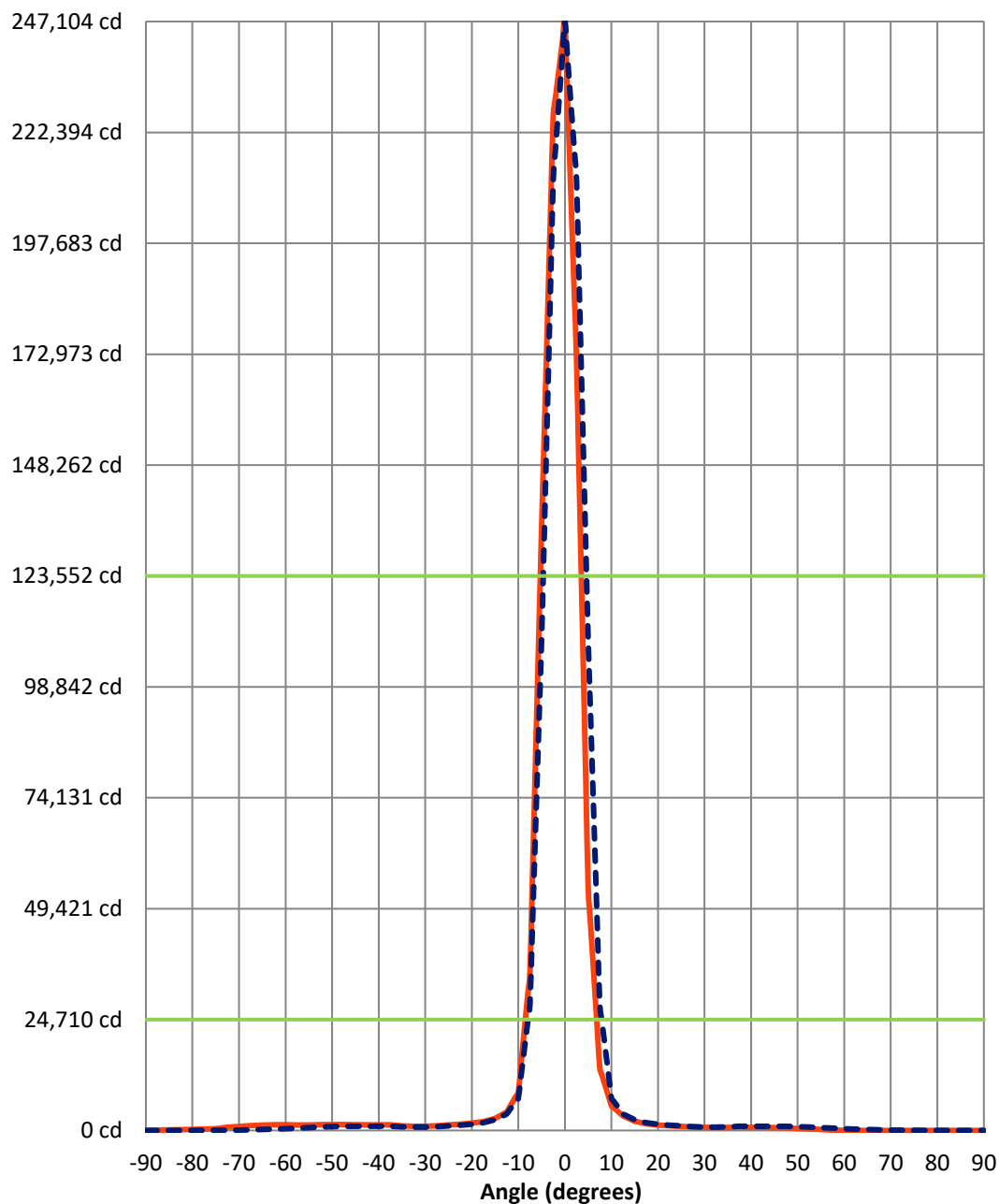
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3808.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6072.1

Efficiency: 57.8%

Spill:

Lumens: 4431.1

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	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
85°	0.0	2.4	2.4	4.8	4.8	4.8	7.3	9.7	12.1	12.1	14.5
82.5°	0.0	2.4	2.4	4.8	4.8	7.3	7.3	12.1	14.5	17.0	21.8
80°	2.4	2.4	2.4	4.8	4.8	7.3	7.3	9.7	12.1	17.0	19.4
77.5°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	7.3	9.7	12.1	14.5
75°	0.0	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.3	7.3	9.7
72.5°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
70°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
67.5°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	4.8	7.3	7.3	7.3
65°	0.0	0.0	0.0	2.4	2.4	4.8	4.8	7.3	7.3	7.3	7.3
62.5°	2.4	2.4	2.4	4.8	7.3	7.3	9.7	12.1	12.1	12.1	12.1
60°	24.2	26.7	29.1	29.1	26.7	26.7	29.1	29.1	29.1	29.1	29.1
57.5°	65.5	70.3	72.7	72.7	72.7	70.3	80.0	82.4	72.7	67.9	75.2
55°	227.9	235.2	230.3	223.1	208.5	191.5	186.7	184.3	186.7	174.6	155.2
52.5°	332.2	339.4	337.0	332.2	322.5	310.4	300.7	291.0	281.3	261.9	240.0
50°	431.6	434.0	431.6	426.7	417.0	404.9	385.5	363.7	344.3	339.4	320.1
47.5°	543.1	550.4	550.4	548.0	540.7	518.9	489.8	458.3	443.7	438.9	419.5
45°	642.5	647.4	649.8	652.2	649.8	628.0	601.3	584.3	552.8	543.1	543.1
42.5°	669.2	671.6	674.0	676.5	683.7	666.8	645.0	615.9	608.6	606.2	601.3
40°	678.9	674.0	676.5	678.9	681.3	669.2	652.2	635.3	630.4	625.6	625.6
37.5°	771.0	749.2	732.2	717.7	705.6	693.4	676.5	661.9	649.8	640.1	649.8
35°	657.1	657.1	674.0	688.6	703.1	717.7	720.1	703.1	676.5	664.3	681.3
32.5°	671.6	671.6	671.6	676.5	681.3	693.4	705.6	712.8	732.2	710.4	710.4
30°	686.2	688.6	693.4	695.9	688.6	683.7	678.9	678.9	691.0	722.5	739.5
27.5°	771.0	771.0	763.8	754.1	732.2	698.3	681.3	657.1	659.5	674.0	715.3
25°	909.2	904.4	887.4	863.2	824.4	775.9	729.8	678.9	657.1	649.8	666.8
22.5°	1040.2	1032.9	1011.1	989.3	957.7	909.2	831.6	754.1	686.2	657.1	649.8
20°	1207.5	1190.5	1166.2	1132.3	1081.4	1032.9	965.0	863.2	763.8	688.6	659.5
17.5°	1476.6	1454.8	1408.7	1348.1	1260.8	1185.6	1088.7	991.7	880.1	758.9	693.4
15°	2065.8	2010.0	1930.0	1762.7	1590.6	1447.5	1302.0	1139.6	1025.6	865.6	766.2
12.5°	3249.0	3096.3	2863.5	2473.1	2087.6	1755.4	1520.2	1311.7	1127.5	979.6	838.9
10°	5499.1	5171.7	4529.2	3462.4	2752.0	2141.0	1719.1	1440.2	1207.5	1054.7	899.5
7.5°	13907.7	11344.9	8028.0	5482.1	3600.6	2616.2	1966.4	1561.5	1292.3	1103.2	948.0
5°	54205.1	44652.1	23819.6	9941.0	5416.6	3164.1	2189.4	1658.4	1348.1	1139.6	984.4
2.5°	172030.2	148559.7	77942.3	21399.8	6650.8	3564.2	2342.2	1719.1	1379.6	1166.2	1011.1
0°	247104.1	211777.2	109387.4	28145.2	7213.3	3666.0	2390.7	1731.2	1384.5	1171.1	1011.1
-2.5°	226058.3	197845.3	105668.0	26190.9	7370.9	3695.1	2429.5	1772.4	1420.8	1192.9	1018.3
-5°	134322.3	117820.2	73711.3	18674.5	6548.9	3430.9	2327.6	1736.0	1396.6	1180.8	1013.5
-7.5°	35390.0	30637.7	20153.6	9744.6	4238.3	2902.3	2138.5	1675.4	1365.1	1159.0	994.1
-10°	8532.3	8086.2	7223.0	4427.4	3299.9	2424.6	1896.1	1566.3	1302.0	1129.9	962.6
-12.5°	4114.6	4017.6	3646.6	3006.5	2448.9	2014.9	1716.6	1452.4	1243.8	1079.0	918.9
-15°	2676.8	2621.0	2494.9	2250.1	1966.4	1757.9	1549.3	1336.0	1171.1	1003.8	882.6
-17.5°	1980.9	1978.5	1915.5	1823.3	1682.7	1527.5	1374.8	1239.0	1079.0	935.9	843.8
-20°	1641.5	1641.5	1605.1	1544.5	1445.1	1343.2	1241.4	1115.3	984.4	877.7	838.9

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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°	1394.2	1396.6	1377.2	1338.4	1285.1	1200.2	1100.8	998.9	904.4	865.6	853.5
-25°	1234.1	1229.3	1207.5	1171.1	1115.3	1047.4	982.0	914.1	887.4	877.7	894.7
-27.5°	1045.0	1052.3	1042.6	1025.6	989.3	940.8	926.2	906.8	911.7	926.2	991.7
-30°	933.5	940.8	950.5	957.7	945.6	933.5	938.3	952.9	984.4	1040.2	1064.4
-32.5°	933.5	935.9	950.5	965.0	972.3	982.0	1008.6	1057.1	1103.2	1088.7	1083.8
-35°	1018.3	1011.1	1030.5	1049.9	1076.5	1110.5	1139.6	1129.9	1112.9	1108.1	1112.9
-37.5°	1260.8	1214.7	1195.3	1183.2	1175.9	1171.1	1163.8	1156.6	1149.3	1144.4	1151.7
-40°	1258.4	1246.3	1234.1	1224.4	1217.2	1207.5	1202.6	1200.2	1192.9	1188.1	1183.2
-42.5°	1253.5	1258.4	1258.4	1256.0	1258.4	1256.0	1248.7	1239.0	1226.9	1217.2	1207.5
-45°	1289.9	1292.3	1297.2	1302.0	1309.3	1299.6	1285.1	1268.1	1251.1	1236.6	1224.4
-47.5°	1311.7	1314.2	1319.0	1326.3	1331.1	1321.4	1302.0	1280.2	1253.5	1229.3	1205.0
-50°	1319.0	1326.3	1328.7	1328.7	1326.3	1314.2	1285.1	1253.5	1224.4	1200.2	1178.4
-52.5°	1285.1	1292.3	1294.8	1289.9	1287.5	1275.4	1248.7	1219.6	1188.1	1171.1	1151.7
-55°	1229.3	1239.0	1246.3	1246.3	1246.3	1243.8	1219.6	1192.9	1168.7	1149.3	1129.9
-57.5°	1207.5	1224.4	1239.0	1241.4	1243.8	1246.3	1229.3	1202.6	1173.5	1144.4	1120.2
-60°	1287.5	1302.0	1309.3	1299.6	1292.3	1285.1	1258.4	1226.9	1197.8	1168.7	1122.6
-62.5°	1265.7	1289.9	1302.0	1294.8	1285.1	1272.9	1243.8	1207.5	1173.5	1142.0	1095.9
-65°	1195.3	1217.2	1231.7	1219.6	1205.0	1188.1	1161.4	1127.5	1095.9	1064.4	1023.2
-67.5°	1076.5	1108.1	1132.3	1105.6	1086.2	1064.4	1042.6	1013.5	982.0	945.6	906.8
-70°	889.8	914.1	935.9	928.6	923.8	918.9	904.4	875.3	848.6	819.5	785.6
-72.5°	715.3	737.1	756.5	744.4	734.7	720.1	698.3	666.8	635.3	603.7	572.2
-75°	395.2	402.5	409.8	407.3	407.3	407.3	407.3	409.8	404.9	397.6	383.1
-77.5°	303.1	312.8	320.1	324.9	332.2	341.9	349.1	337.0	324.9	312.8	298.2
-80°	237.6	247.3	254.6	281.3	300.7	322.5	337.0	320.1	303.1	288.5	276.4
-82.5°	179.4	186.7	194.0	208.5	218.2	230.3	240.0	240.0	237.6	235.2	227.9
-85°	130.9	140.6	150.3	155.2	162.5	162.5	164.9	155.2	145.5	138.2	128.5
-87.5°	75.2	77.6	77.6	77.6	80.0	80.0	80.0	75.2	72.7	67.9	65.5
-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°	2.4	2.4	2.4	4.8	4.8	7.3	7.3	9.7	9.7	12.1	12.1
85°	14.5	14.5	14.5	17.0	17.0	19.4	21.8	24.2	26.7	26.7	29.1
82.5°	24.2	26.7	29.1	31.5	33.9	36.4	38.8	41.2	48.5	53.3	55.8
80°	24.2	26.7	33.9	38.8	43.6	48.5	48.5	48.5	48.5	50.9	55.8
77.5°	17.0	19.4	21.8	26.7	38.8	48.5	55.8	60.6	55.8	53.3	48.5
75°	9.7	12.1	14.5	17.0	24.2	33.9	46.1	58.2	67.9	65.5	60.6
72.5°	9.7	9.7	12.1	14.5	17.0	19.4	21.8	33.9	48.5	60.6	67.9
70°	9.7	12.1	12.1	14.5	17.0	19.4	21.8	26.7	33.9	48.5	63.0
67.5°	9.7	12.1	12.1	17.0	21.8	24.2	26.7	24.2	21.8	31.5	46.1
65°	9.7	9.7	12.1	14.5	17.0	19.4	26.7	26.7	24.2	24.2	24.2
62.5°	14.5	14.5	14.5	14.5	17.0	17.0	17.0	21.8	21.8	21.8	21.8
60°	29.1	26.7	26.7	26.7	26.7	21.8	21.8	21.8	19.4	21.8	19.4
57.5°	70.3	58.2	53.3	53.3	46.1	43.6	36.4	26.7	26.7	21.8	21.8
55°	143.1	135.8	114.0	94.6	84.9	75.2	58.2	48.5	36.4	29.1	26.7
52.5°	220.6	201.2	181.8	157.6	133.4	114.0	97.0	75.2	60.6	43.6	33.9
50°	288.5	271.6	249.7	223.1	191.5	167.3	143.1	114.0	89.7	67.9	48.5
47.5°	392.8	358.8	332.2	300.7	264.3	230.3	198.8	164.9	126.1	99.4	75.2
45°	504.3	455.8	419.5	390.4	341.9	295.8	259.4	223.1	177.0	130.9	101.8
42.5°	581.9	545.5	497.0	458.3	414.6	366.1	317.6	278.8	230.3	177.0	130.9
40°	623.1	598.9	560.1	526.1	480.1	426.7	375.8	337.0	286.1	227.9	164.9
37.5°	654.7	642.5	623.1	596.5	552.8	489.8	438.9	392.8	349.1	281.3	213.4
35°	691.0	688.6	676.5	664.3	628.0	567.4	506.7	453.4	400.1	337.0	261.9
32.5°	725.0	722.5	715.3	710.4	695.9	642.5	577.1	516.4	455.8	390.4	307.9
30°	741.9	737.1	737.1	741.9	727.4	693.4	645.0	579.5	511.6	434.0	356.4
27.5°	741.9	737.1	739.5	746.8	744.4	727.4	691.0	637.7	562.5	475.2	400.1
25°	710.4	734.7	734.7	744.4	746.8	741.9	722.5	688.6	611.0	518.9	434.0
22.5°	666.8	725.0	746.8	744.4	746.8	758.9	761.3	729.8	657.1	562.5	468.0
20°	666.8	708.0	771.0	754.1	758.9	785.6	797.7	771.0	705.6	603.7	501.9
17.5°	681.3	708.0	761.3	788.0	795.3	817.1	836.5	819.5	749.2	647.4	548.0
15°	722.5	717.7	754.1	819.5	831.6	848.6	870.4	851.0	788.0	695.9	591.6
12.5°	751.6	725.0	754.1	824.4	863.2	880.1	887.4	872.9	822.0	739.5	635.3
10°	790.4	744.4	758.9	819.5	875.3	887.4	894.7	889.8	853.5	775.9	674.0
7.5°	819.5	754.1	754.1	812.3	887.4	897.1	902.0	906.8	880.1	807.4	708.0
5°	831.6	754.1	749.2	805.0	899.5	909.2	909.2	916.5	899.5	831.6	732.2
2.5°	834.1	751.6	744.4	800.1	921.4	921.4	916.5	923.8	914.1	846.2	749.2
0°	846.2	749.2	741.9	807.4	945.6	935.9	923.8	926.2	921.4	853.5	758.9
-2.5°	846.2	761.3	751.6	812.3	943.2	940.8	935.9	938.3	933.5	875.3	778.3
-5°	858.3	778.3	768.6	834.1	940.8	948.0	950.5	950.5	943.2	889.8	790.4
-7.5°	860.7	790.4	788.0	855.9	945.6	957.7	965.0	969.9	955.3	899.5	800.1
-10°	848.6	795.3	807.4	882.6	950.5	967.4	982.0	989.3	965.0	904.4	805.0
-12.5°	822.0	795.3	826.8	916.5	962.6	982.0	1003.8	1006.2	974.7	906.8	807.4
-15°	819.5	814.7	860.7	950.5	969.9	994.1	1028.0	1020.8	982.0	906.8	807.4
-17.5°	817.1	841.3	911.7	962.6	982.0	1008.6	1035.3	1028.0	986.8	906.8	802.6
-20°	838.9	885.0	972.3	974.7	996.5	1025.6	1040.2	1025.6	979.6	899.5	795.3



REPORT NUMBER: P723817

CATALOG NUMBER: IFLD-S-SA6A-827-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°	875.3	962.6	991.7	1001.4	1020.8	1042.6	1049.9	1028.0	972.3	887.4	783.2
-25°	967.4	1011.1	1011.1	1032.9	1052.3	1062.0	1054.7	1030.5	962.6	875.3	771.0
-27.5°	1037.7	1035.3	1047.4	1069.3	1086.2	1086.2	1066.8	1018.3	948.0	863.2	754.1
-30°	1064.4	1066.8	1083.8	1108.1	1112.9	1100.8	1071.7	1008.6	935.9	843.8	732.2
-32.5°	1091.1	1100.8	1122.6	1134.7	1137.2	1112.9	1059.6	991.7	916.5	822.0	708.0
-35°	1122.6	1142.0	1154.1	1156.6	1144.4	1103.2	1042.6	969.9	887.4	790.4	686.2
-37.5°	1163.8	1173.5	1180.8	1171.1	1137.2	1088.7	1013.5	940.8	860.7	756.5	654.7
-40°	1190.5	1195.3	1197.8	1166.2	1125.0	1054.7	982.0	906.8	814.7	717.7	620.7
-42.5°	1207.5	1202.6	1183.2	1149.3	1088.7	1020.8	950.5	865.6	773.5	678.9	584.3
-45°	1202.6	1185.6	1156.6	1115.3	1052.3	984.4	902.0	817.1	729.8	637.7	543.1
-47.5°	1183.2	1156.6	1120.2	1071.7	1013.5	931.1	848.6	766.2	681.3	591.6	504.3
-50°	1159.0	1127.5	1083.8	1023.2	945.6	870.4	795.3	715.3	628.0	545.5	468.0
-52.5°	1132.3	1098.4	1042.6	974.7	889.8	812.3	739.5	661.9	581.9	504.3	436.4
-55°	1103.2	1069.3	1006.2	928.6	843.8	758.9	688.6	623.1	545.5	470.4	409.8
-57.5°	1088.7	1045.0	979.6	902.0	812.3	725.0	664.3	594.0	523.7	446.1	387.9
-60°	1076.5	1032.9	972.3	882.6	797.7	715.3	645.0	577.1	501.9	429.2	371.0
-62.5°	1042.6	996.5	940.8	853.5	771.0	695.9	632.8	552.8	480.1	412.2	358.8
-65°	974.7	926.2	877.7	800.1	725.0	654.7	591.6	518.9	451.0	392.8	346.7
-67.5°	868.0	826.8	783.2	717.7	654.7	591.6	533.4	470.4	414.6	373.4	349.1
-70°	749.2	705.6	661.9	608.6	555.2	504.3	458.3	412.2	375.8	354.0	334.6
-72.5°	545.5	526.1	504.3	463.1	419.5	387.9	366.1	346.7	320.1	300.7	288.5
-75°	363.7	337.0	303.1	288.5	291.0	286.1	274.0	259.4	247.3	240.0	223.1
-77.5°	283.7	269.1	252.2	235.2	227.9	220.6	210.9	198.8	189.1	172.1	147.9
-80°	261.9	249.7	237.6	225.5	213.4	196.4	177.0	157.6	147.9	140.6	138.2
-82.5°	215.8	201.2	186.7	174.6	157.6	145.5	133.4	123.7	123.7	121.2	118.8
-85°	123.7	118.8	111.5	106.7	101.8	94.6	87.3	82.4	80.0	77.6	75.2
-87.5°	63.0	60.6	55.8	53.3	50.9	48.5	43.6	41.2	38.8	38.8	36.4
-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: P723817

CATALOG NUMBER: IFLD-S-SA6A-827-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°	12.1	12.1	9.7	9.7	9.7	7.3	4.8	4.8	2.4	2.4	0.0
85°	29.1	24.2	21.8	19.4	19.4	14.5	9.7	7.3	4.8	2.4	2.4
82.5°	55.8	48.5	41.2	36.4	29.1	21.8	17.0	12.1	7.3	4.8	2.4
80°	63.0	63.0	60.6	50.9	41.2	31.5	21.8	14.5	9.7	7.3	4.8
77.5°	48.5	53.3	53.3	53.3	50.9	38.8	26.7	17.0	9.7	7.3	4.8
75°	55.8	48.5	46.1	48.5	46.1	38.8	31.5	19.4	12.1	9.7	4.8
72.5°	67.9	58.2	50.9	48.5	43.6	36.4	29.1	21.8	12.1	9.7	7.3
70°	63.0	60.6	55.8	50.9	43.6	36.4	29.1	21.8	14.5	9.7	7.3
67.5°	55.8	55.8	55.8	50.9	43.6	33.9	26.7	19.4	14.5	9.7	7.3
65°	38.8	46.1	50.9	48.5	43.6	33.9	26.7	19.4	14.5	12.1	7.3
62.5°	24.2	31.5	41.2	46.1	41.2	33.9	24.2	19.4	14.5	12.1	7.3
60°	21.8	24.2	29.1	36.4	38.8	31.5	24.2	17.0	14.5	12.1	7.3
57.5°	21.8	21.8	24.2	29.1	31.5	29.1	21.8	14.5	14.5	12.1	9.7
55°	24.2	21.8	21.8	24.2	26.7	26.7	21.8	14.5	14.5	12.1	9.7
52.5°	29.1	24.2	21.8	21.8	21.8	24.2	19.4	14.5	14.5	12.1	9.7
50°	36.4	29.1	26.7	21.8	21.8	21.8	19.4	14.5	12.1	12.1	9.7
47.5°	48.5	38.8	29.1	26.7	21.8	19.4	17.0	14.5	12.1	12.1	9.7
45°	72.7	46.1	38.8	29.1	24.2	21.8	19.4	14.5	12.1	12.1	9.7
42.5°	99.4	67.9	48.5	33.9	26.7	21.8	19.4	17.0	12.1	12.1	9.7
40°	126.1	92.1	60.6	43.6	31.5	24.2	19.4	17.0	14.5	12.1	9.7
37.5°	155.2	114.0	80.0	55.8	36.4	26.7	21.8	17.0	14.5	12.1	9.7
35°	191.5	143.1	99.4	67.9	43.6	31.5	24.2	17.0	14.5	12.1	9.7
32.5°	232.8	169.7	118.8	82.4	55.8	38.8	26.7	19.4	14.5	12.1	9.7
30°	271.6	201.2	140.6	99.4	67.9	43.6	29.1	19.4	14.5	12.1	7.3
27.5°	310.4	232.8	167.3	116.4	82.4	50.9	31.5	21.8	14.5	12.1	9.7
25°	349.1	264.3	194.0	133.4	94.6	60.6	38.8	24.2	14.5	12.1	9.7
22.5°	383.1	295.8	218.2	152.8	109.1	70.3	43.6	26.7	17.0	12.1	9.7
20°	421.9	329.8	244.9	174.6	121.2	80.0	48.5	29.1	17.0	12.1	9.7
17.5°	458.3	363.7	271.6	194.0	135.8	89.7	55.8	31.5	19.4	12.1	9.7
15°	494.6	395.2	295.8	213.4	150.3	99.4	60.6	33.9	21.8	12.1	9.7
12.5°	528.6	424.3	317.6	230.3	162.5	109.1	65.5	36.4	24.2	12.1	9.7
10°	560.1	451.0	339.4	244.9	174.6	116.4	70.3	41.2	26.7	12.1	9.7
7.5°	591.6	472.8	356.4	259.4	189.1	126.1	75.2	43.6	29.1	14.5	9.7
5°	611.0	492.2	371.0	271.6	201.2	135.8	80.0	46.1	31.5	14.5	9.7
2.5°	628.0	506.7	380.7	283.7	213.4	143.1	80.0	48.5	33.9	14.5	9.7
0°	637.7	516.4	387.9	291.0	223.1	147.9	82.4	50.9	36.4	14.5	9.7
-2.5°	659.5	533.4	404.9	300.7	232.8	162.5	87.3	53.3	38.8	17.0	9.7
-5°	674.0	543.1	417.0	310.4	240.0	177.0	94.6	58.2	43.6	21.8	12.1
-7.5°	686.2	552.8	426.7	315.2	247.3	181.8	97.0	60.6	46.1	24.2	12.1
-10°	688.6	557.7	434.0	322.5	252.2	189.1	99.4	63.0	48.5	26.7	12.1
-12.5°	691.0	562.5	436.4	327.3	257.0	194.0	101.8	65.5	50.9	29.1	12.1
-15°	688.6	560.1	436.4	332.2	259.4	189.1	106.7	67.9	53.3	31.5	12.1
-17.5°	683.7	557.7	434.0	329.8	257.0	184.3	109.1	72.7	53.3	33.9	14.5
-20°	676.5	550.4	429.2	327.3	254.6	179.4	111.5	75.2	55.8	33.9	14.5

REPORT NUMBER: P723817

CATALOG NUMBER: IFLD-S-SA6A-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	664.3	538.3	419.5	320.1	249.7	174.6	111.5	80.0	58.2	33.9	14.5
-25°	649.8	526.1	409.8	310.4	242.5	167.3	111.5	82.4	60.6	33.9	14.5
-27.5°	632.8	514.0	395.2	303.1	232.8	162.5	111.5	84.9	63.0	33.9	14.5
-30°	613.4	497.0	383.1	291.0	225.5	162.5	114.0	87.3	65.5	33.9	14.5
-32.5°	594.0	480.1	368.5	281.3	215.8	160.0	114.0	89.7	67.9	31.5	17.0
-35°	572.2	460.7	356.4	274.0	208.5	155.2	116.4	89.7	65.5	31.5	17.0
-37.5°	545.5	436.4	344.3	266.7	203.7	150.3	116.4	92.1	63.0	31.5	17.0
-40°	516.4	417.0	329.8	257.0	196.4	147.9	116.4	92.1	60.6	31.5	19.4
-42.5°	484.9	395.2	315.2	247.3	189.1	145.5	116.4	92.1	58.2	31.5	19.4
-45°	455.8	373.4	298.2	235.2	181.8	145.5	116.4	89.7	53.3	33.9	19.4
-47.5°	424.3	349.1	278.8	223.1	179.4	143.1	114.0	84.9	48.5	33.9	19.4
-50°	397.6	324.9	264.3	210.9	174.6	145.5	116.4	77.6	48.5	33.9	19.4
-52.5°	371.0	307.9	247.3	206.1	169.7	147.9	114.0	72.7	48.5	33.9	19.4
-55°	349.1	291.0	237.6	198.8	174.6	152.8	109.1	65.5	48.5	33.9	19.4
-57.5°	332.2	281.3	230.3	201.2	181.8	147.9	101.8	63.0	48.5	31.5	19.4
-60°	320.1	271.6	232.8	210.9	184.3	140.6	97.0	63.0	48.5	31.5	17.0
-62.5°	310.4	274.0	244.9	218.2	174.6	130.9	92.1	63.0	43.6	29.1	17.0
-65°	312.8	283.7	249.7	208.5	167.3	121.2	84.9	60.6	41.2	26.7	17.0
-67.5°	320.1	276.4	235.2	196.4	150.3	109.1	77.6	55.8	38.8	26.7	17.0
-70°	295.8	254.6	213.4	167.3	128.5	94.6	72.7	50.9	33.9	24.2	17.0
-72.5°	266.7	213.4	169.7	135.8	109.1	87.3	65.5	46.1	31.5	21.8	14.5
-75°	194.0	155.2	126.1	114.0	97.0	77.6	58.2	41.2	29.1	21.8	14.5
-77.5°	138.2	128.5	116.4	104.3	87.3	67.9	50.9	38.8	26.7	19.4	12.1
-80°	135.8	123.7	109.1	89.7	72.7	58.2	43.6	33.9	24.2	17.0	9.7
-82.5°	114.0	97.0	82.4	67.9	55.8	46.1	36.4	26.7	19.4	12.1	7.3
-85°	70.3	60.6	53.3	46.1	38.8	31.5	24.2	17.0	12.1	7.3	4.8
-87.5°	33.9	31.5	26.7	21.8	19.4	14.5	12.1	9.7	7.3	4.8	2.4
-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: P723817

CATALOG NUMBER: IFLD-S-SA6A-827-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°	2.4	0.0	0.0	0.0
80°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	4.8	2.4	2.4	0.0
67.5°	4.8	2.4	2.4	0.0
65°	4.8	2.4	2.4	0.0
62.5°	4.8	2.4	2.4	0.0
60°	4.8	2.4	2.4	0.0
57.5°	4.8	2.4	2.4	0.0
55°	4.8	2.4	2.4	0.0
52.5°	4.8	2.4	2.4	0.0
50°	4.8	2.4	2.4	0.0
47.5°	4.8	4.8	2.4	0.0
45°	4.8	4.8	2.4	0.0
42.5°	4.8	4.8	2.4	0.0
40°	4.8	4.8	2.4	0.0
37.5°	4.8	4.8	2.4	0.0
35°	4.8	4.8	2.4	0.0
32.5°	7.3	4.8	2.4	0.0
30°	7.3	4.8	4.8	0.0
27.5°	7.3	4.8	4.8	0.0
25°	7.3	4.8	4.8	0.0
22.5°	7.3	4.8	4.8	0.0
20°	7.3	4.8	4.8	0.0
17.5°	7.3	4.8	4.8	0.0
15°	7.3	4.8	4.8	0.0
12.5°	7.3	4.8	4.8	0.0
10°	7.3	4.8	4.8	0.0
7.5°	7.3	4.8	4.8	0.0
5°	7.3	4.8	4.8	0.0
2.5°	7.3	4.8	4.8	0.0
0°	7.3	4.8	4.8	0.0
-2.5°	7.3	4.8	4.8	0.0
-5°	7.3	4.8	4.8	0.0
-7.5°	7.3	4.8	4.8	0.0
-10°	7.3	4.8	4.8	0.0
-12.5°	9.7	4.8	4.8	0.0
-15°	9.7	4.8	4.8	0.0
-17.5°	9.7	4.8	4.8	0.0
-20°	9.7	4.8	4.8	0.0

REPORT NUMBER: P723817

CATALOG NUMBER: IFLD-S-SA6A-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.7	4.8	4.8	0.0
-25°	9.7	4.8	4.8	0.0
-27.5°	9.7	4.8	4.8	0.0
-30°	9.7	4.8	4.8	0.0
-32.5°	9.7	4.8	4.8	0.0
-35°	9.7	4.8	4.8	0.0
-37.5°	9.7	4.8	4.8	0.0
-40°	9.7	4.8	4.8	0.0
-42.5°	7.3	4.8	2.4	0.0
-45°	9.7	4.8	2.4	0.0
-47.5°	9.7	4.8	2.4	0.0
-50°	9.7	4.8	2.4	0.0
-52.5°	9.7	4.8	2.4	0.0
-55°	9.7	4.8	2.4	0.0
-57.5°	9.7	4.8	2.4	0.0
-60°	9.7	4.8	2.4	0.0
-62.5°	9.7	4.8	2.4	0.0
-65°	9.7	4.8	2.4	0.0
-67.5°	9.7	4.8	2.4	0.0
-70°	9.7	2.4	2.4	0.0
-72.5°	7.3	2.4	2.4	0.0
-75°	7.3	2.4	2.4	0.0
-77.5°	4.8	2.4	0.0	0.0
-80°	4.8	2.4	0.0	0.0
-82.5°	4.8	2.4	0.0	0.0
-85°	2.4	0.0	0.0	0.0
-87.5°	2.4	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)