

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: P723614

Luminaire Tested: **IFLD-S-SA6A-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723614
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-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:	10524.7 lumens	Max Intensity:	247608.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.5 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:	3816.7 lumens	Field Lumens:	6084.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

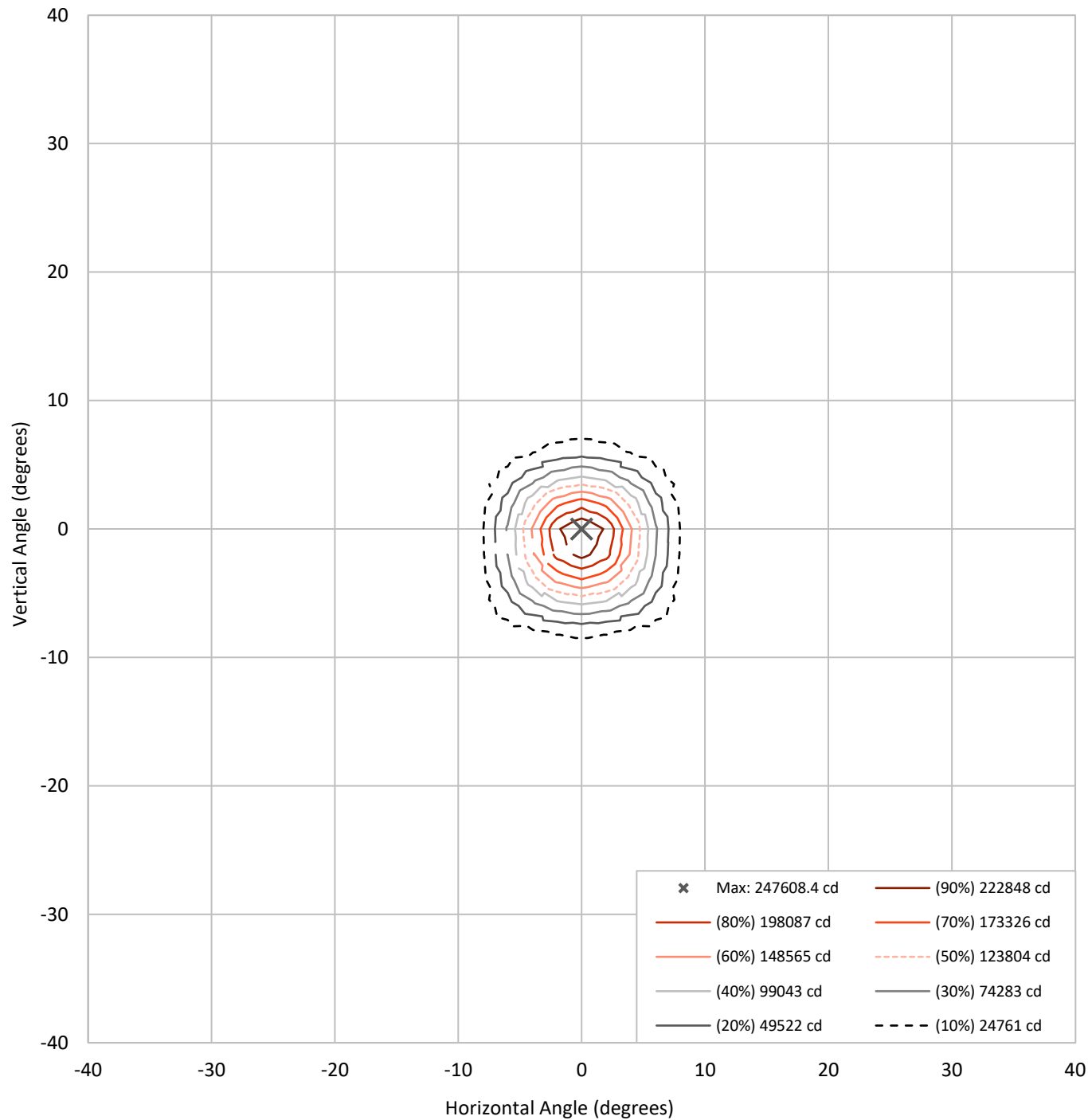
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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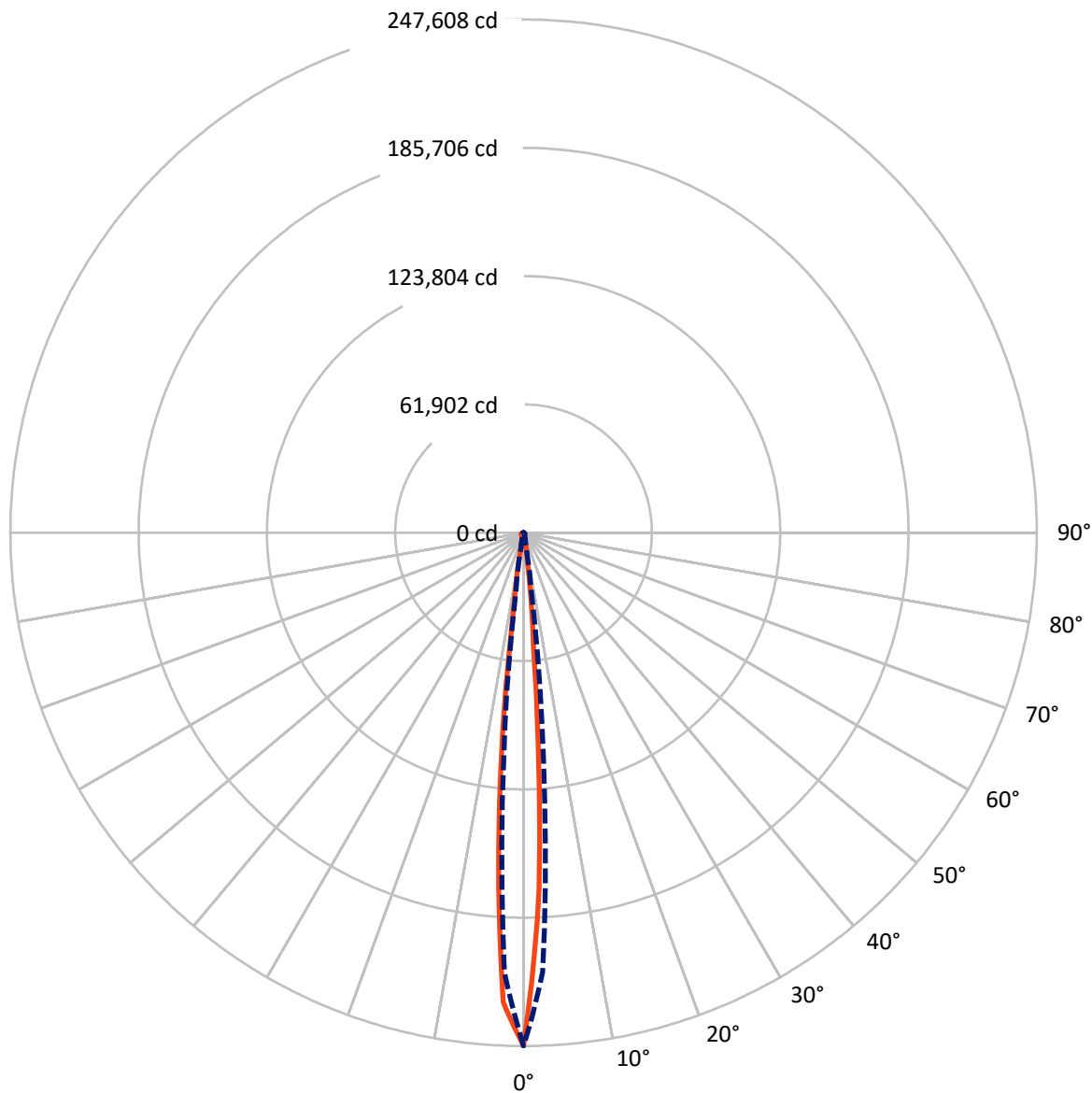
Lumen Table

Vertical Angle (degrees)																			
	0.2	2.3		2.5		1.0		0.3		1.0		2.5		2.3		0.2			
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	0.4	1.4	4.8	9.4	13.8	16.6	18.4	18.4	16.6	13.8	9.4	4.8	1.4	0.4	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	8.8	17.6	19.8	22.3	39.2	66.8	66.8	39.2	22.3	19.8	17.6	8.8	2.1				
0	0.7	2.8	10.7	19.3	20.5	27.5	74.5	1381.6	1381.6	74.5	27.5	20.5	19.3	10.7	2.8	0.7			
-10		3.3	11.7	20.3	21.3	28.5	80.3	2014.5	2014.5	80.3	28.5	21.3	20.3	11.7	3.3				
-20	1.0	3.5	12.1	21.4	23.0	25.7	46.7	89.6	89.6	46.7	25.7	23.0	21.4	12.1	3.5	1.0			
-30		3.3	11.5	21.7	25.8	25.9	30.2	36.9	36.9	30.2	25.9	25.8	21.7	11.5	3.3				
-40	1.1	2.9	10.1	20.7	28.4	31.0	32.2	32.5	32.5	32.2	31.0	28.4	20.7	10.1	2.9	1.1			
-50		2.5	8.2	17.6	27.4	33.3	37.3	39.1	39.1	37.3	33.3	27.4	17.6	8.2	2.5				
-60	0.9	2.3	6.3	13.6	23.4	31.4	36.5	38.6	38.6	36.5	31.4	23.4	13.6	6.3	2.3	0.9			
-70		2.1	5.5	11.1	19.5	27.4	33.2	35.9	35.9	33.2	27.4	19.5	11.1	5.5	2.1				
-80	0.4	6.5		19.4		35.9		39.6		35.9		19.4		6.5		0.4			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot



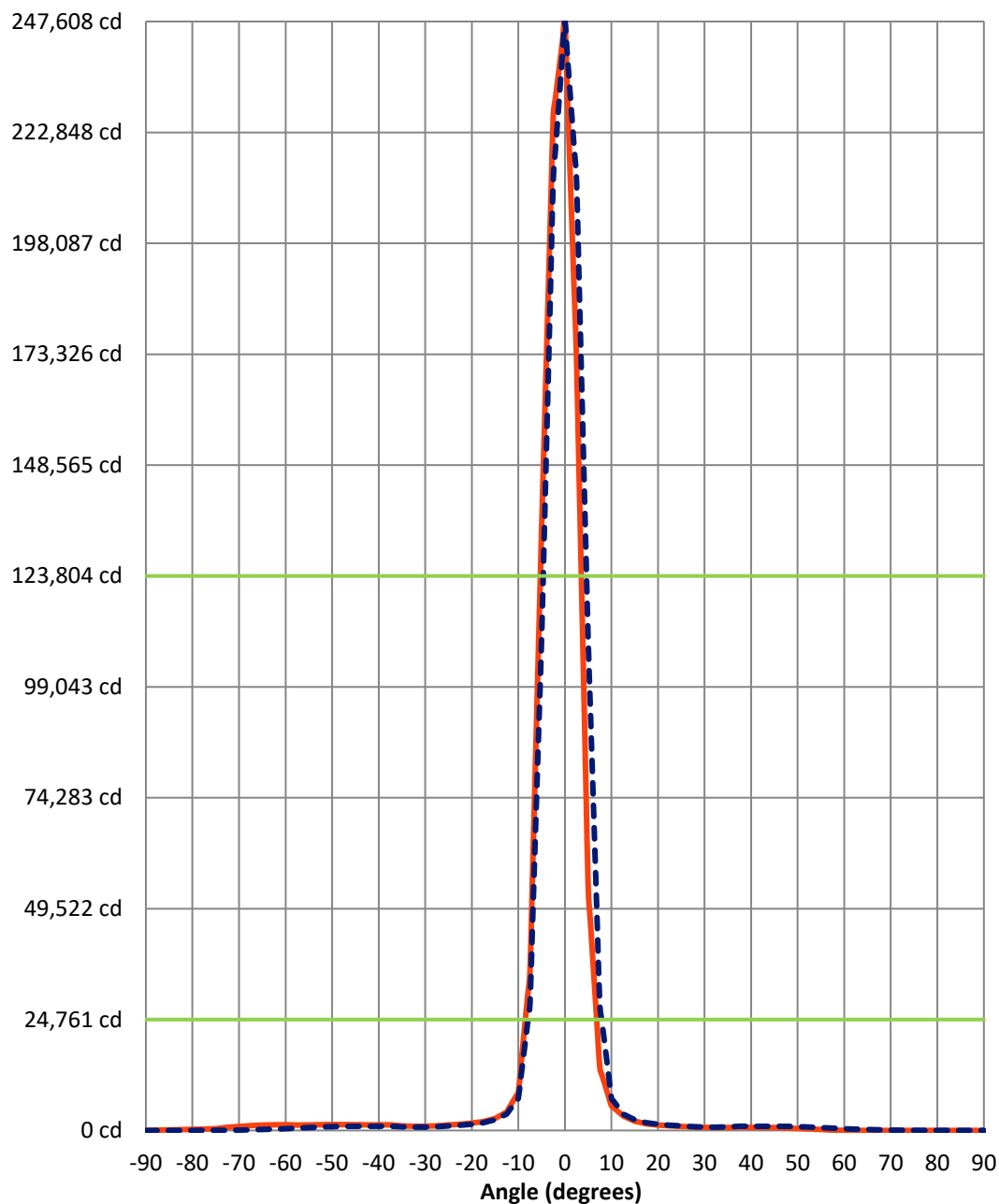
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3816.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6084.5

Efficiency: 57.8%

Spill:

Lumens: 4440.1

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	4.9	4.9	4.9	7.3	9.7	12.1	12.1	14.6
82.5°	0.0	2.4	2.4	4.9	4.9	7.3	7.3	12.1	14.6	17.0	21.9
80°	2.4	2.4	2.4	4.9	4.9	7.3	7.3	9.7	12.1	17.0	19.4
77.5°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	7.3	9.7	12.1	14.6
75°	0.0	2.4	2.4	2.4	4.9	4.9	4.9	4.9	7.3	7.3	9.7
72.5°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
70°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
67.5°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	4.9	7.3	7.3	7.3
65°	0.0	0.0	0.0	2.4	2.4	4.9	4.9	7.3	7.3	7.3	7.3
62.5°	2.4	2.4	2.4	4.9	7.3	7.3	9.7	12.1	12.1	12.1	12.1
60°	24.3	26.7	29.2	29.2	26.7	26.7	29.2	29.2	29.2	29.2	29.2
57.5°	65.6	70.5	72.9	72.9	72.9	70.5	80.2	82.6	72.9	68.0	75.3
55°	228.4	235.7	230.8	223.5	208.9	191.9	187.1	184.6	187.1	174.9	155.5
52.5°	332.9	340.1	337.7	332.9	323.1	311.0	301.3	291.5	281.8	262.4	240.5
50°	432.5	434.9	432.5	427.6	417.9	405.7	386.3	364.4	345.0	340.1	320.7
47.5°	544.2	551.5	551.5	549.1	541.8	519.9	490.8	459.2	444.6	439.8	420.3
45°	643.8	648.7	651.1	653.6	651.1	629.3	602.5	585.5	553.9	544.2	544.2
42.5°	670.6	673.0	675.4	677.9	685.1	668.1	646.3	617.1	609.8	607.4	602.5
40°	680.3	675.4	677.9	680.3	682.7	670.6	653.6	636.6	631.7	626.8	626.8
37.5°	772.6	750.7	733.7	719.2	707.0	694.9	677.9	663.3	651.1	641.4	651.1
35°	658.4	658.4	675.4	690.0	704.6	719.2	721.6	704.6	677.9	665.7	682.7
32.5°	673.0	673.0	673.0	677.9	682.7	694.9	707.0	714.3	733.7	711.9	711.9
30°	687.6	690.0	694.9	697.3	690.0	685.1	680.3	680.3	692.4	724.0	741.0
27.5°	772.6	772.6	765.3	755.6	733.7	699.7	682.7	658.4	660.8	675.4	716.7
25°	911.1	906.2	889.2	864.9	826.1	777.5	731.3	680.3	658.4	651.1	668.1
22.5°	1042.3	1035.0	1013.1	991.3	959.7	911.1	833.3	755.6	687.6	658.4	651.1
20°	1209.9	1192.9	1168.6	1134.6	1083.6	1035.0	967.0	864.9	765.3	690.0	660.8
17.5°	1479.6	1457.7	1411.6	1350.8	1263.4	1188.1	1090.9	993.7	881.9	760.5	694.9
15°	2070.0	2014.1	1933.9	1766.3	1593.8	1450.5	1304.7	1141.9	1027.7	867.4	767.7
12.5°	3255.6	3102.6	2869.3	2478.2	2091.9	1759.0	1523.3	1314.4	1129.8	981.6	840.6
10°	5510.3	5182.3	4538.5	3469.4	2757.6	2145.3	1722.6	1443.2	1209.9	1056.9	901.4
7.5°	13936.1	11368.0	8044.3	5493.3	3607.9	2621.5	1970.4	1564.7	1295.0	1105.5	950.0
5°	54315.7	44743.2	23868.2	9961.3	5427.7	3170.6	2193.9	1661.8	1350.8	1141.9	986.4
2.5°	172381.2	148862.9	78101.3	21443.5	6664.3	3571.5	2347.0	1722.6	1382.4	1168.6	1013.1
0°	247608.4	212209.4	109610.6	28202.6	7228.0	3673.5	2395.6	1734.7	1387.3	1173.5	1013.1
-2.5°	226519.6	198249.0	105883.6	26244.3	7385.9	3702.7	2434.4	1776.0	1423.7	1195.4	1020.4
-5°	134596.4	118060.7	73861.7	18712.6	6562.3	3437.9	2332.4	1739.6	1399.4	1183.2	1015.6
-7.5°	35462.2	30700.2	20194.7	9764.5	4246.9	2908.2	2142.9	1678.8	1367.9	1161.3	996.1
-10°	8549.7	8102.7	7237.7	4436.4	3306.7	2429.6	1899.9	1569.5	1304.7	1132.2	964.5
-12.5°	4123.0	4025.8	3654.1	3012.7	2453.9	2019.0	1720.1	1455.3	1246.4	1081.2	920.8
-15°	2682.3	2626.4	2500.0	2254.7	1970.4	1761.4	1552.5	1338.7	1173.5	1005.8	884.4
-17.5°	1985.0	1982.5	1919.4	1827.0	1686.1	1530.6	1377.6	1241.5	1081.2	937.8	845.5
-20°	1644.8	1644.8	1608.4	1547.6	1448.0	1346.0	1243.9	1117.6	986.4	879.5	840.6

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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°	1397.0	1399.4	1380.0	1341.1	1287.7	1202.6	1103.0	1001.0	906.2	867.4	855.2
-25°	1236.7	1231.8	1209.9	1173.5	1117.6	1049.6	984.0	916.0	889.2	879.5	896.5
-27.5°	1047.1	1054.4	1044.7	1027.7	991.3	942.7	928.1	908.7	913.5	928.1	993.7
-30°	935.4	942.7	952.4	959.7	947.5	935.4	940.2	954.8	986.4	1042.3	1066.6
-32.5°	935.4	937.8	952.4	967.0	974.3	984.0	1010.7	1059.3	1105.5	1090.9	1086.0
-35°	1020.4	1013.1	1032.6	1052.0	1078.7	1112.7	1141.9	1132.2	1115.2	1110.3	1115.2
-37.5°	1263.4	1217.2	1197.8	1185.6	1178.3	1173.5	1166.2	1158.9	1151.6	1146.8	1154.1
-40°	1261.0	1248.8	1236.7	1226.9	1219.6	1209.9	1205.1	1202.6	1195.4	1190.5	1185.6
-42.5°	1256.1	1261.0	1261.0	1258.5	1261.0	1258.5	1251.2	1241.5	1229.4	1219.6	1209.9
-45°	1292.5	1295.0	1299.8	1304.7	1312.0	1302.3	1287.7	1270.7	1253.7	1239.1	1226.9
-47.5°	1314.4	1316.8	1321.7	1329.0	1333.8	1324.1	1304.7	1282.8	1256.1	1231.8	1207.5
-50°	1321.7	1329.0	1331.4	1331.4	1329.0	1316.8	1287.7	1256.1	1226.9	1202.6	1180.8
-52.5°	1287.7	1295.0	1297.4	1292.5	1290.1	1278.0	1251.2	1222.1	1190.5	1173.5	1154.1
-55°	1231.8	1241.5	1248.8	1248.8	1248.8	1246.4	1222.1	1195.4	1171.1	1151.6	1132.2
-57.5°	1209.9	1226.9	1241.5	1243.9	1246.4	1248.8	1231.8	1205.1	1175.9	1146.8	1122.5
-60°	1290.1	1304.7	1312.0	1302.3	1295.0	1287.7	1261.0	1229.4	1200.2	1171.1	1124.9
-62.5°	1268.2	1292.5	1304.7	1297.4	1287.7	1275.5	1246.4	1209.9	1175.9	1144.3	1098.2
-65°	1197.8	1219.6	1234.2	1222.1	1207.5	1190.5	1163.8	1129.8	1098.2	1066.6	1025.3
-67.5°	1078.7	1110.3	1134.6	1107.9	1088.5	1066.6	1044.7	1015.6	984.0	947.5	908.7
-70°	891.7	916.0	937.8	930.5	925.7	920.8	906.2	877.1	850.4	821.2	787.2
-72.5°	716.7	738.6	758.0	745.9	736.2	721.6	699.7	668.1	636.6	605.0	573.4
-75°	396.0	403.3	410.6	408.2	408.2	408.2	408.2	410.6	405.7	398.5	383.9
-77.5°	303.7	313.4	320.7	325.6	332.9	342.6	349.9	337.7	325.6	313.4	298.8
-80°	238.1	247.8	255.1	281.8	301.3	323.1	337.7	320.7	303.7	289.1	277.0
-82.5°	179.8	187.1	194.4	208.9	218.7	230.8	240.5	240.5	238.1	235.7	228.4
-85°	131.2	140.9	150.6	155.5	162.8	162.8	165.2	155.5	145.8	138.5	128.8
-87.5°	75.3	77.7	77.7	77.7	80.2	80.2	80.2	75.3	72.9	68.0	65.6
-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	4.9	4.9	7.3	7.3	9.7	9.7	12.1	12.1
85°	14.6	14.6	14.6	17.0	17.0	19.4	21.9	24.3	26.7	26.7	29.2
82.5°	24.3	26.7	29.2	31.6	34.0	36.4	38.9	41.3	48.6	53.5	55.9
80°	24.3	26.7	34.0	38.9	43.7	48.6	48.6	48.6	48.6	51.0	55.9
77.5°	17.0	19.4	21.9	26.7	38.9	48.6	55.9	60.7	55.9	53.5	48.6
75°	9.7	12.1	14.6	17.0	24.3	34.0	46.2	58.3	68.0	65.6	60.7
72.5°	9.7	9.7	12.1	14.6	17.0	19.4	21.9	34.0	48.6	60.7	68.0
70°	9.7	12.1	12.1	14.6	17.0	19.4	21.9	26.7	34.0	48.6	63.2
67.5°	9.7	12.1	12.1	17.0	21.9	24.3	26.7	24.3	21.9	31.6	46.2
65°	9.7	9.7	12.1	14.6	17.0	19.4	26.7	26.7	24.3	24.3	24.3
62.5°	14.6	14.6	14.6	14.6	17.0	17.0	17.0	21.9	21.9	21.9	21.9
60°	29.2	26.7	26.7	26.7	26.7	21.9	21.9	21.9	19.4	21.9	19.4
57.5°	70.5	58.3	53.5	53.5	46.2	43.7	36.4	26.7	26.7	21.9	21.9
55°	143.3	136.1	114.2	94.8	85.0	75.3	58.3	48.6	36.4	29.2	26.7
52.5°	221.1	201.7	182.2	157.9	133.6	114.2	97.2	75.3	60.7	43.7	34.0
50°	289.1	272.1	250.2	223.5	191.9	167.6	143.3	114.2	89.9	68.0	48.6
47.5°	393.6	359.6	332.9	301.3	264.8	230.8	199.2	165.2	126.3	99.6	75.3
45°	505.4	456.8	420.3	391.2	342.6	296.4	260.0	223.5	177.4	131.2	102.0
42.5°	583.1	546.7	498.1	459.2	415.5	366.9	318.3	279.4	230.8	177.4	131.2
40°	624.4	600.1	561.2	527.2	481.1	427.6	376.6	337.7	286.7	228.4	165.2
37.5°	656.0	643.8	624.4	597.7	553.9	490.8	439.8	393.6	349.9	281.8	213.8
35°	692.4	690.0	677.9	665.7	629.3	568.5	507.8	454.3	400.9	337.7	262.4
32.5°	726.4	724.0	716.7	711.9	697.3	643.8	578.2	517.5	456.8	391.2	308.6
30°	743.5	738.6	738.6	743.5	728.9	694.9	646.3	580.7	512.6	434.9	357.1
27.5°	743.5	738.6	741.0	748.3	745.9	728.9	692.4	639.0	563.7	476.2	400.9
25°	711.9	736.2	736.2	745.9	748.3	743.5	724.0	690.0	612.3	519.9	434.9
22.5°	668.1	726.4	748.3	745.9	748.3	760.5	762.9	731.3	658.4	563.7	468.9
20°	668.1	709.4	772.6	755.6	760.5	787.2	799.3	772.6	707.0	605.0	502.9
17.5°	682.7	709.4	762.9	789.6	796.9	818.8	838.2	821.2	750.7	648.7	549.1
15°	724.0	719.2	755.6	821.2	833.3	850.4	872.2	852.8	789.6	697.3	592.8
12.5°	753.2	726.4	755.6	826.1	864.9	881.9	889.2	874.6	823.6	741.0	636.6
10°	792.0	745.9	760.5	821.2	877.1	889.2	896.5	891.7	855.2	777.5	675.4
7.5°	821.2	755.6	755.6	813.9	889.2	898.9	903.8	908.7	881.9	809.1	709.4
5°	833.3	755.6	750.7	806.6	901.4	911.1	911.1	918.4	901.4	833.3	733.7
2.5°	835.8	753.2	745.9	801.8	923.2	923.2	918.4	925.7	916.0	847.9	750.7
0°	847.9	750.7	743.5	809.1	947.5	937.8	925.7	928.1	923.2	855.2	760.5
-2.5°	847.9	762.9	753.2	813.9	945.1	942.7	937.8	940.2	935.4	877.1	779.9
-5°	860.1	779.9	770.2	835.8	942.7	950.0	952.4	952.4	945.1	891.7	792.0
-7.5°	862.5	792.0	789.6	857.6	947.5	959.7	967.0	971.8	957.3	901.4	801.8
-10°	850.4	796.9	809.1	884.4	952.4	969.4	984.0	991.3	967.0	906.2	806.6
-12.5°	823.6	796.9	828.5	918.4	964.5	984.0	1005.8	1008.3	976.7	908.7	809.1
-15°	821.2	816.3	862.5	952.4	971.8	996.1	1030.1	1022.9	984.0	908.7	809.1
-17.5°	818.8	843.1	913.5	964.5	984.0	1010.7	1037.4	1030.1	988.8	908.7	804.2
-20°	840.6	886.8	974.3	976.7	998.6	1027.7	1042.3	1027.7	981.6	901.4	796.9

REPORT NUMBER: P723614

CATALOG NUMBER: IFLD-S-SA6A-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°	877.1	964.5	993.7	1003.4	1022.9	1044.7	1052.0	1030.1	974.3	889.2	784.8
-25°	969.4	1013.1	1013.1	1035.0	1054.4	1064.2	1056.9	1032.6	964.5	877.1	772.6
-27.5°	1039.9	1037.4	1049.6	1071.4	1088.5	1088.5	1069.0	1020.4	950.0	864.9	755.6
-30°	1066.6	1069.0	1086.0	1110.3	1115.2	1103.0	1073.9	1010.7	937.8	845.5	733.7
-32.5°	1093.3	1103.0	1124.9	1137.0	1139.5	1115.2	1061.7	993.7	918.4	823.6	709.4
-35°	1124.9	1144.3	1156.5	1158.9	1146.8	1105.5	1044.7	971.8	889.2	792.0	687.6
-37.5°	1166.2	1175.9	1183.2	1173.5	1139.5	1090.9	1015.6	942.7	862.5	758.0	656.0
-40°	1192.9	1197.8	1200.2	1168.6	1127.3	1056.9	984.0	908.7	816.3	719.2	622.0
-42.5°	1209.9	1205.1	1185.6	1151.6	1090.9	1022.9	952.4	867.4	775.0	680.3	585.5
-45°	1205.1	1188.1	1158.9	1117.6	1054.4	986.4	903.8	818.8	731.3	639.0	544.2
-47.5°	1185.6	1158.9	1122.5	1073.9	1015.6	933.0	850.4	767.7	682.7	592.8	505.4
-50°	1161.3	1129.8	1086.0	1025.3	947.5	872.2	796.9	716.7	629.3	546.7	468.9
-52.5°	1134.6	1100.6	1044.7	976.7	891.7	813.9	741.0	663.3	583.1	505.4	437.3
-55°	1105.5	1071.4	1008.3	930.5	845.5	760.5	690.0	624.4	546.7	471.3	410.6
-57.5°	1090.9	1047.1	981.6	903.8	813.9	726.4	665.7	595.2	524.8	447.0	388.7
-60°	1078.7	1035.0	974.3	884.4	799.3	716.7	646.3	578.2	502.9	430.0	371.7
-62.5°	1044.7	998.6	942.7	855.2	772.6	697.3	634.1	553.9	481.1	413.0	359.6
-65°	976.7	928.1	879.5	801.8	726.4	656.0	592.8	519.9	451.9	393.6	347.4
-67.5°	869.8	828.5	784.8	719.2	656.0	592.8	534.5	471.3	415.5	374.2	349.9
-70°	750.7	707.0	663.3	609.8	556.4	505.4	459.2	413.0	376.6	354.7	335.3
-72.5°	546.7	527.2	505.4	464.1	420.3	388.7	366.9	347.4	320.7	301.3	289.1
-75°	364.4	337.7	303.7	289.1	291.5	286.7	274.5	260.0	247.8	240.5	223.5
-77.5°	284.3	269.7	252.7	235.7	228.4	221.1	211.4	199.2	189.5	172.5	148.2
-80°	262.4	250.2	238.1	226.0	213.8	196.8	177.4	157.9	148.2	140.9	138.5
-82.5°	216.2	201.7	187.1	174.9	157.9	145.8	133.6	123.9	123.9	121.5	119.0
-85°	123.9	119.0	111.8	106.9	102.0	94.8	87.5	82.6	80.2	77.7	75.3
-87.5°	63.2	60.7	55.9	53.5	51.0	48.6	43.7	41.3	38.9	38.9	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

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CATALOG NUMBER: IFLD-S-SA6A-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°	12.1	12.1	9.7	9.7	9.7	7.3	4.9	4.9	2.4	2.4	0.0
85°	29.2	24.3	21.9	19.4	19.4	14.6	9.7	7.3	4.9	2.4	2.4
82.5°	55.9	48.6	41.3	36.4	29.2	21.9	17.0	12.1	7.3	4.9	2.4
80°	63.2	63.2	60.7	51.0	41.3	31.6	21.9	14.6	9.7	7.3	4.9
77.5°	48.6	53.5	53.5	53.5	51.0	38.9	26.7	17.0	9.7	7.3	4.9
75°	55.9	48.6	46.2	48.6	46.2	38.9	31.6	19.4	12.1	9.7	4.9
72.5°	68.0	58.3	51.0	48.6	43.7	36.4	29.2	21.9	12.1	9.7	7.3
70°	63.2	60.7	55.9	51.0	43.7	36.4	29.2	21.9	14.6	9.7	7.3
67.5°	55.9	55.9	55.9	51.0	43.7	34.0	26.7	19.4	14.6	9.7	7.3
65°	38.9	46.2	51.0	48.6	43.7	34.0	26.7	19.4	14.6	12.1	7.3
62.5°	24.3	31.6	41.3	46.2	41.3	34.0	24.3	19.4	14.6	12.1	7.3
60°	21.9	24.3	29.2	36.4	38.9	31.6	24.3	17.0	14.6	12.1	7.3
57.5°	21.9	21.9	24.3	29.2	31.6	29.2	21.9	14.6	14.6	12.1	9.7
55°	24.3	21.9	21.9	24.3	26.7	26.7	21.9	14.6	14.6	12.1	9.7
52.5°	29.2	24.3	21.9	21.9	21.9	24.3	19.4	14.6	14.6	12.1	9.7
50°	36.4	29.2	26.7	21.9	21.9	21.9	19.4	14.6	12.1	12.1	9.7
47.5°	48.6	38.9	29.2	26.7	21.9	19.4	17.0	14.6	12.1	12.1	9.7
45°	72.9	46.2	38.9	29.2	24.3	21.9	19.4	14.6	12.1	12.1	9.7
42.5°	99.6	68.0	48.6	34.0	26.7	21.9	19.4	17.0	12.1	12.1	9.7
40°	126.3	92.3	60.7	43.7	31.6	24.3	19.4	17.0	14.6	12.1	9.7
37.5°	155.5	114.2	80.2	55.9	36.4	26.7	21.9	17.0	14.6	12.1	9.7
35°	191.9	143.3	99.6	68.0	43.7	31.6	24.3	17.0	14.6	12.1	9.7
32.5°	233.2	170.1	119.0	82.6	55.9	38.9	26.7	19.4	14.6	12.1	9.7
30°	272.1	201.7	140.9	99.6	68.0	43.7	29.2	19.4	14.6	12.1	7.3
27.5°	311.0	233.2	167.6	116.6	82.6	51.0	31.6	21.9	14.6	12.1	9.7
25°	349.9	264.8	194.4	133.6	94.8	60.7	38.9	24.3	14.6	12.1	9.7
22.5°	383.9	296.4	218.7	153.1	109.3	70.5	43.7	26.7	17.0	12.1	9.7
20°	422.7	330.4	245.4	174.9	121.5	80.2	48.6	29.2	17.0	12.1	9.7
17.5°	459.2	364.4	272.1	194.4	136.1	89.9	55.9	31.6	19.4	12.1	9.7
15°	495.6	396.0	296.4	213.8	150.6	99.6	60.7	34.0	21.9	12.1	9.7
12.5°	529.6	425.2	318.3	230.8	162.8	109.3	65.6	36.4	24.3	12.1	9.7
10°	561.2	451.9	340.1	245.4	174.9	116.6	70.5	41.3	26.7	12.1	9.7
7.5°	592.8	473.8	357.1	260.0	189.5	126.3	75.3	43.7	29.2	14.6	9.7
5°	612.3	493.2	371.7	272.1	201.7	136.1	80.2	46.2	31.6	14.6	9.7
2.5°	629.3	507.8	381.4	284.3	213.8	143.3	80.2	48.6	34.0	14.6	9.7
0°	639.0	517.5	388.7	291.5	223.5	148.2	82.6	51.0	36.4	14.6	9.7
-2.5°	660.8	534.5	405.7	301.3	233.2	162.8	87.5	53.5	38.9	17.0	9.7
-5°	675.4	544.2	417.9	311.0	240.5	177.4	94.8	58.3	43.7	21.9	12.1
-7.5°	687.6	553.9	427.6	315.8	247.8	182.2	97.2	60.7	46.2	24.3	12.1
-10°	690.0	558.8	434.9	323.1	252.7	189.5	99.6	63.2	48.6	26.7	12.1
-12.5°	692.4	563.7	437.3	328.0	257.5	194.4	102.0	65.6	51.0	29.2	12.1
-15°	690.0	561.2	437.3	332.9	260.0	189.5	106.9	68.0	53.5	31.6	12.1
-17.5°	685.1	558.8	434.9	330.4	257.5	184.6	109.3	72.9	53.5	34.0	14.6
-20°	677.9	551.5	430.0	328.0	255.1	179.8	111.8	75.3	55.9	34.0	14.6

REPORT NUMBER: P723614

CATALOG NUMBER: IFLD-S-SA6A-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°	665.7	539.4	420.3	320.7	250.2	174.9	111.8	80.2	58.3	34.0	14.6
-25°	651.1	527.2	410.6	311.0	243.0	167.6	111.8	82.6	60.7	34.0	14.6
-27.5°	634.1	515.1	396.0	303.7	233.2	162.8	111.8	85.0	63.2	34.0	14.6
-30°	614.7	498.1	383.9	291.5	226.0	162.8	114.2	87.5	65.6	34.0	14.6
-32.5°	595.2	481.1	369.3	281.8	216.2	160.4	114.2	89.9	68.0	31.6	17.0
-35°	573.4	461.6	357.1	274.5	208.9	155.5	116.6	89.9	65.6	31.6	17.0
-37.5°	546.7	437.3	345.0	267.3	204.1	150.6	116.6	92.3	63.2	31.6	17.0
-40°	517.5	417.9	330.4	257.5	196.8	148.2	116.6	92.3	60.7	31.6	19.4
-42.5°	485.9	396.0	315.8	247.8	189.5	145.8	116.6	92.3	58.3	31.6	19.4
-45°	456.8	374.2	298.8	235.7	182.2	145.8	116.6	89.9	53.5	34.0	19.4
-47.5°	425.2	349.9	279.4	223.5	179.8	143.3	114.2	85.0	48.6	34.0	19.4
-50°	398.5	325.6	264.8	211.4	174.9	145.8	116.6	77.7	48.6	34.0	19.4
-52.5°	371.7	308.6	247.8	206.5	170.1	148.2	114.2	72.9	48.6	34.0	19.4
-55°	349.9	291.5	238.1	199.2	174.9	153.1	109.3	65.6	48.6	34.0	19.4
-57.5°	332.9	281.8	230.8	201.7	182.2	148.2	102.0	63.2	48.6	31.6	19.4
-60°	320.7	272.1	233.2	211.4	184.6	140.9	97.2	63.2	48.6	31.6	17.0
-62.5°	311.0	274.5	245.4	218.7	174.9	131.2	92.3	63.2	43.7	29.2	17.0
-65°	313.4	284.3	250.2	208.9	167.6	121.5	85.0	60.7	41.3	26.7	17.0
-67.5°	320.7	277.0	235.7	196.8	150.6	109.3	77.7	55.9	38.9	26.7	17.0
-70°	296.4	255.1	213.8	167.6	128.8	94.8	72.9	51.0	34.0	24.3	17.0
-72.5°	267.3	213.8	170.1	136.1	109.3	87.5	65.6	46.2	31.6	21.9	14.6
-75°	194.4	155.5	126.3	114.2	97.2	77.7	58.3	41.3	29.2	21.9	14.6
-77.5°	138.5	128.8	116.6	104.5	87.5	68.0	51.0	38.9	26.7	19.4	12.1
-80°	136.1	123.9	109.3	89.9	72.9	58.3	43.7	34.0	24.3	17.0	9.7
-82.5°	114.2	97.2	82.6	68.0	55.9	46.2	36.4	26.7	19.4	12.1	7.3
-85°	70.5	60.7	53.5	46.2	38.9	31.6	24.3	17.0	12.1	7.3	4.9
-87.5°	34.0	31.6	26.7	21.9	19.4	14.6	12.1	9.7	7.3	4.9	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: P723614

CATALOG NUMBER: IFLD-S-SA6A-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°	2.4	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°	4.9	2.4	2.4	0.0
67.5°	4.9	2.4	2.4	0.0
65°	4.9	2.4	2.4	0.0
62.5°	4.9	2.4	2.4	0.0
60°	4.9	2.4	2.4	0.0
57.5°	4.9	2.4	2.4	0.0
55°	4.9	2.4	2.4	0.0
52.5°	4.9	2.4	2.4	0.0
50°	4.9	2.4	2.4	0.0
47.5°	4.9	4.9	2.4	0.0
45°	4.9	4.9	2.4	0.0
42.5°	4.9	4.9	2.4	0.0
40°	4.9	4.9	2.4	0.0
37.5°	4.9	4.9	2.4	0.0
35°	4.9	4.9	2.4	0.0
32.5°	7.3	4.9	2.4	0.0
30°	7.3	4.9	4.9	0.0
27.5°	7.3	4.9	4.9	0.0
25°	7.3	4.9	4.9	0.0
22.5°	7.3	4.9	4.9	0.0
20°	7.3	4.9	4.9	0.0
17.5°	7.3	4.9	4.9	0.0
15°	7.3	4.9	4.9	0.0
12.5°	7.3	4.9	4.9	0.0
10°	7.3	4.9	4.9	0.0
7.5°	7.3	4.9	4.9	0.0
5°	7.3	4.9	4.9	0.0
2.5°	7.3	4.9	4.9	0.0
0°	7.3	4.9	4.9	0.0
-2.5°	7.3	4.9	4.9	0.0
-5°	7.3	4.9	4.9	0.0
-7.5°	7.3	4.9	4.9	0.0
-10°	7.3	4.9	4.9	0.0
-12.5°	9.7	4.9	4.9	0.0
-15°	9.7	4.9	4.9	0.0
-17.5°	9.7	4.9	4.9	0.0
-20°	9.7	4.9	4.9	0.0



REPORT NUMBER: P723614

CATALOG NUMBER: IFLD-S-SA6A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.7	4.9	4.9	0.0
-25°	9.7	4.9	4.9	0.0
-27.5°	9.7	4.9	4.9	0.0
-30°	9.7	4.9	4.9	0.0
-32.5°	9.7	4.9	4.9	0.0
-35°	9.7	4.9	4.9	0.0
-37.5°	9.7	4.9	4.9	0.0
-40°	9.7	4.9	4.9	0.0
-42.5°	7.3	4.9	2.4	0.0
-45°	9.7	4.9	2.4	0.0
-47.5°	9.7	4.9	2.4	0.0
-50°	9.7	4.9	2.4	0.0
-52.5°	9.7	4.9	2.4	0.0
-55°	9.7	4.9	2.4	0.0
-57.5°	9.7	4.9	2.4	0.0
-60°	9.7	4.9	2.4	0.0
-62.5°	9.7	4.9	2.4	0.0
-65°	9.7	4.9	2.4	0.0
-67.5°	9.7	4.9	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°	4.9	2.4	0.0	0.0
-80°	4.9	2.4	0.0	0.0
-82.5°	4.9	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)