

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: P723669

Luminaire Tested: **IFLD-S-SA3C-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723669
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10211 lumens	Max Intensity:	240229.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' 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:	3702.9 lumens	Field Lumens:	5903.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

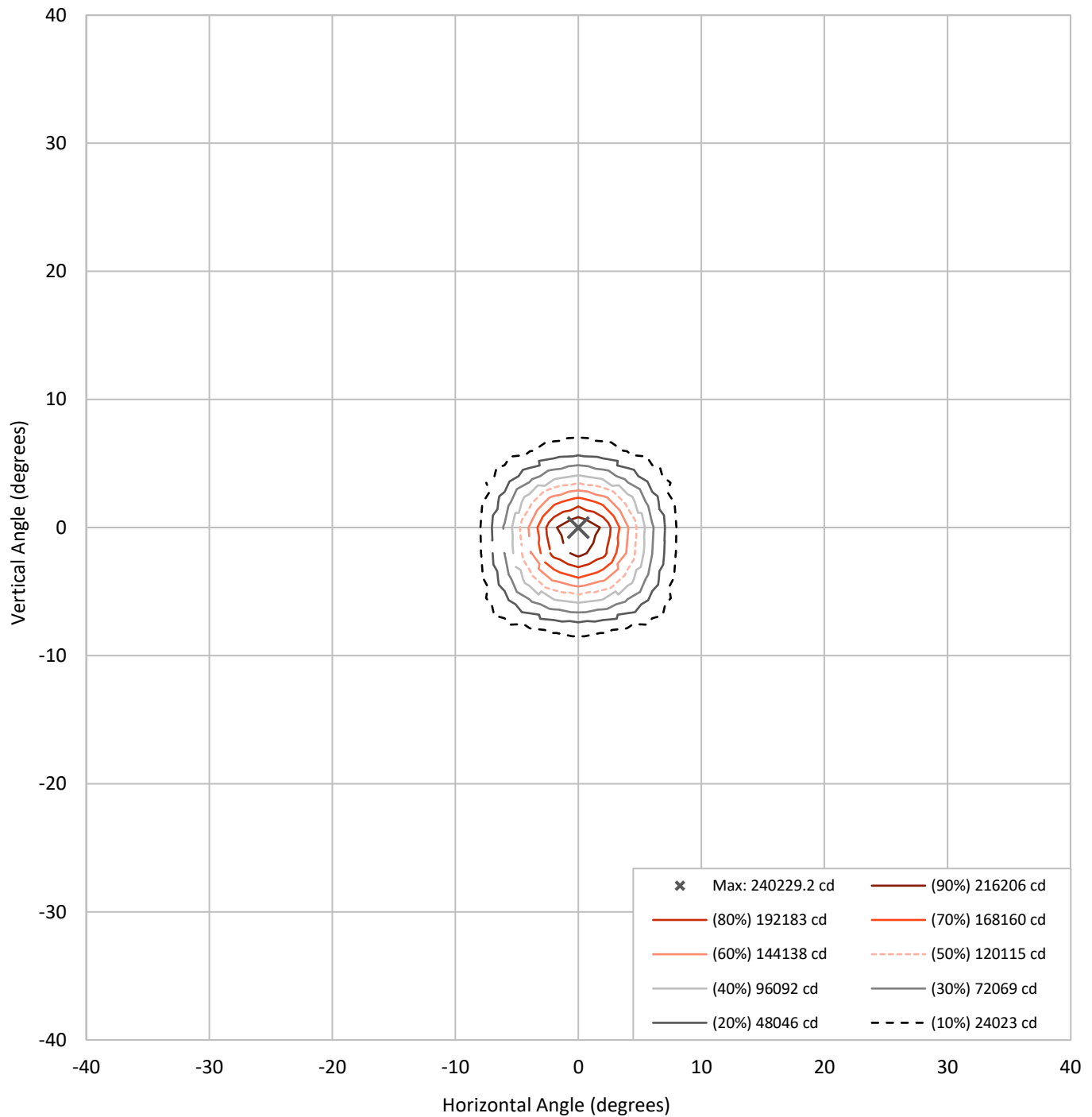
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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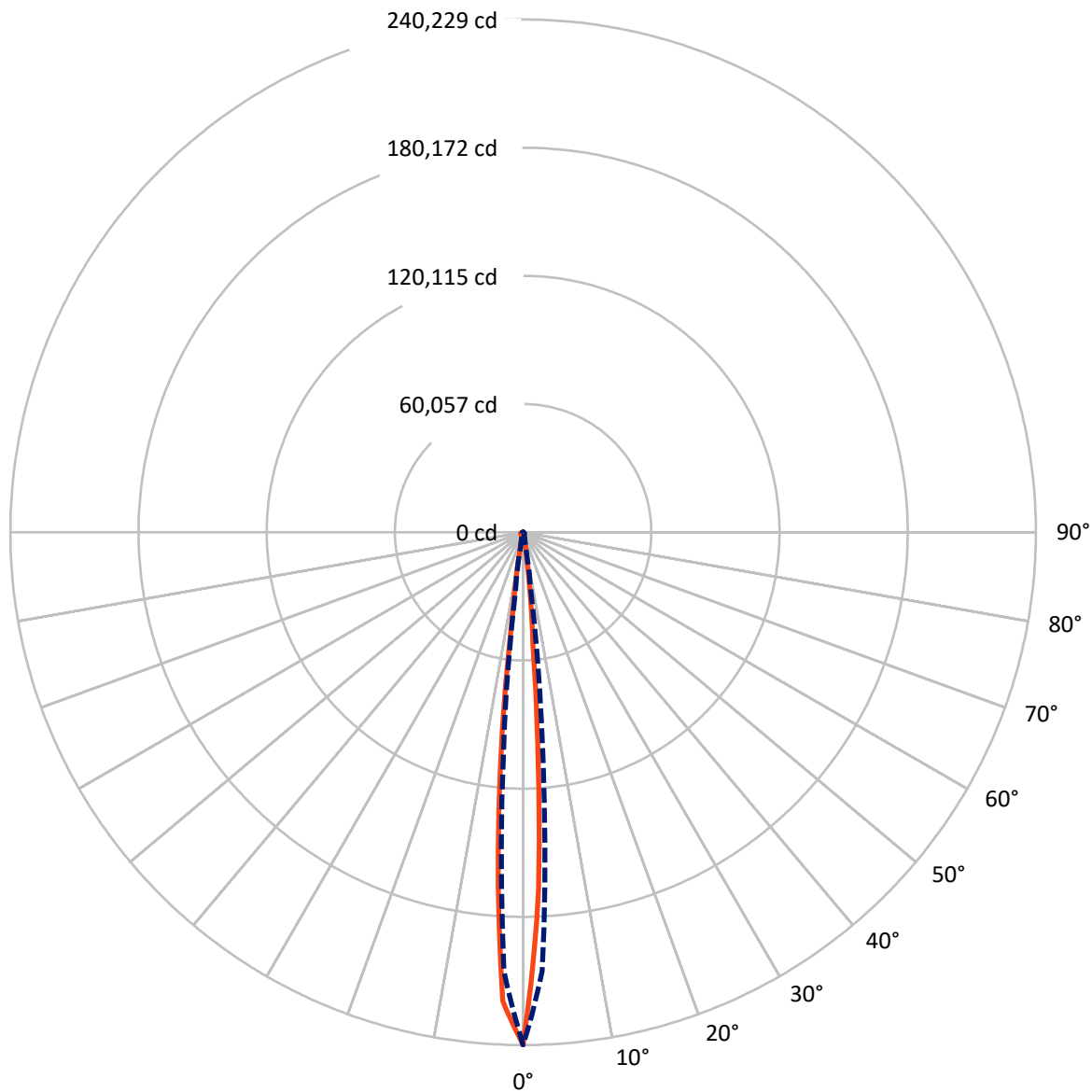
Lumen Table

90																			
80	0.2	2.3		2.5		0.9		0.3		0.9		2.5		2.3		0.2			
70	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			
60		0.3	0.5	1.2	2.6	4.3	5.5	6.3	6.3	5.5	4.3	2.6	1.2	0.5	0.3				
50	0.3	0.3	1.4	4.6	9.2	13.4	16.1	17.9	17.9	16.1	13.4	9.2	4.6	1.4	0.3	0.3			
40		0.7	3.5	9.6	15.5	18.2	19.7	20.4	20.4	19.7	18.2	15.5	9.6	3.5	0.7				
30	0.4	1.3	6.0	13.9	18.0	18.5	21.9	26.3	26.3	21.9	18.5	18.0	13.9	6.0	1.3	0.4			
20		2.1	8.5	17.1	19.2	21.6	38.0	64.8	64.8	38.0	21.6	19.2	17.1	8.5	2.1				
10	0.7	2.7	10.4	18.8	19.9	26.7	72.3	1340.5	1340.5	72.3	26.7	19.9	18.8	10.4	2.7	0.7			
0		3.2	11.4	19.7	20.6	27.6	77.9	1954.5	1954.5	77.9	27.6	20.6	19.7	11.4	3.2				
-10	1.0	3.4	11.7	20.8	22.3	24.9	45.3	86.9	86.9	45.3	24.9	22.3	20.8	11.7	3.4	1.0			
-20		3.2	11.1	21.0	25.1	25.1	29.3	35.8	35.8	29.3	25.1	25.1	21.0	11.1	3.2				
-30	1.1	2.8	9.8	20.1	27.6	30.0	31.3	31.5	31.5	31.3	30.0	27.6	20.1	9.8	2.8	1.1			
-40		2.5	7.9	17.1	26.6	32.3	36.2	38.0	38.0	36.2	32.3	26.6	17.1	7.9	2.5				
-50	0.9	2.2	6.1	13.2	22.7	30.4	35.4	37.4	37.4	35.4	30.4	22.7	13.2	6.1	2.2	0.9			
-60		2.1	5.4	10.8	18.9	26.6	32.2	34.8	34.8	32.2	26.6	18.9	10.8	5.4	2.1				
-70	0.4	6.3		18.8		34.8		38.5		34.8		18.8		6.3		0.4			
-80																			
-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



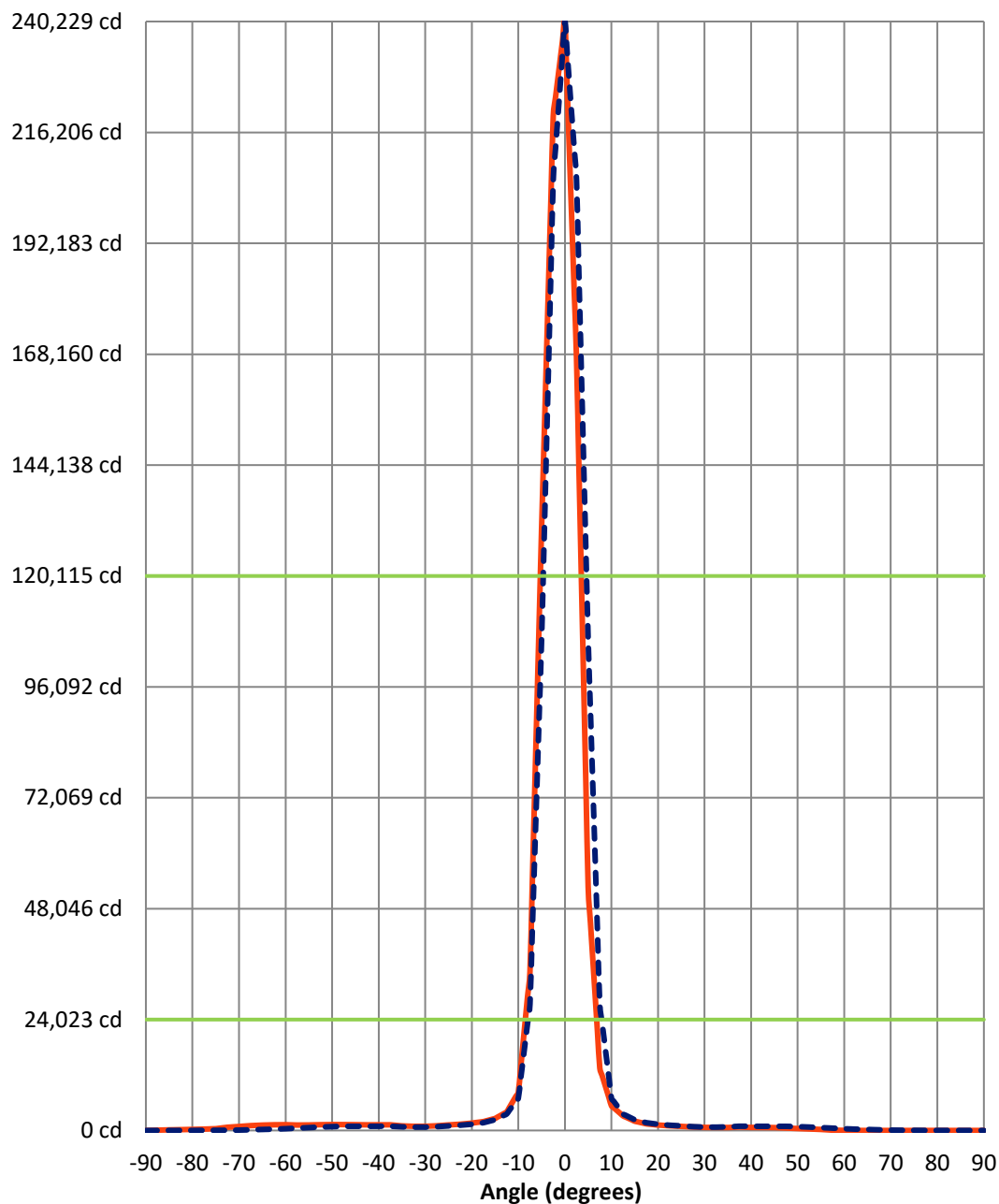
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3702.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5903.2

Efficiency: 57.8%

Spill:

Lumens: 4307.8

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	4.7	4.7	4.7	7.1	9.4	11.8	11.8	14.1
82.5°	0.0	2.4	2.4	4.7	4.7	7.1	7.1	11.8	14.1	16.5	21.2
80°	2.4	2.4	2.4	4.7	4.7	7.1	7.1	9.4	11.8	16.5	18.9
77.5°	0.0	2.4	2.4	2.4	4.7	4.7	4.7	7.1	9.4	11.8	14.1
75°	0.0	2.4	2.4	2.4	4.7	4.7	4.7	4.7	7.1	7.1	9.4
72.5°	0.0	0.0	0.0	2.4	2.4	4.7	4.7	4.7	7.1	7.1	7.1
70°	0.0	0.0	0.0	2.4	2.4	4.7	4.7	4.7	7.1	7.1	7.1
67.5°	0.0	0.0	0.0	2.4	2.4	4.7	4.7	4.7	7.1	7.1	7.1
65°	0.0	0.0	0.0	2.4	2.4	4.7	4.7	7.1	7.1	7.1	7.1
62.5°	2.4	2.4	2.4	4.7	7.1	7.1	9.4	11.8	11.8	11.8	11.8
60°	23.6	25.9	28.3	28.3	25.9	25.9	28.3	28.3	28.3	28.3	28.3
57.5°	63.6	68.4	70.7	70.7	70.7	68.4	77.8	80.1	70.7	66.0	73.1
55°	221.6	228.6	223.9	216.9	202.7	186.2	181.5	179.1	181.5	169.7	150.9
52.5°	322.9	330.0	327.6	322.9	313.5	301.7	292.3	282.9	273.4	254.6	233.4
50°	419.6	421.9	419.6	414.9	405.4	393.6	374.8	353.6	334.7	330.0	311.1
47.5°	528.0	535.1	535.1	532.7	525.7	504.4	476.1	445.5	431.4	426.6	407.8
45°	624.7	629.4	631.7	634.1	631.7	610.5	584.6	568.1	537.4	528.0	528.0
42.5°	650.6	652.9	655.3	657.7	664.7	648.2	627.0	598.7	591.7	589.3	584.6
40°	660.0	655.3	657.7	660.0	662.4	650.6	634.1	617.6	612.9	608.2	608.2
37.5°	749.6	728.4	711.9	697.7	685.9	674.2	657.7	643.5	631.7	622.3	631.7
35°	638.8	638.8	655.3	669.4	683.6	697.7	700.1	683.6	657.7	645.9	662.4
32.5°	652.9	652.9	652.9	657.7	662.4	674.2	685.9	693.0	711.9	690.7	690.7
30°	667.1	669.4	674.2	676.5	669.4	664.7	660.0	660.0	671.8	702.4	718.9
27.5°	749.6	749.6	742.5	733.1	711.9	678.9	662.4	638.8	641.2	655.3	695.4
25°	883.9	879.2	862.7	839.2	801.4	754.3	709.5	660.0	638.8	631.7	648.2
22.5°	1011.2	1004.2	982.9	961.7	931.1	883.9	808.5	733.1	667.1	638.8	631.7
20°	1173.9	1157.4	1133.8	1100.8	1051.3	1004.2	938.2	839.2	742.5	669.4	641.2
17.5°	1435.5	1414.3	1369.5	1310.6	1225.7	1152.7	1058.4	964.1	855.7	737.8	674.2
15°	2008.3	1954.1	1876.3	1713.7	1546.3	1407.2	1265.8	1107.9	997.1	841.5	744.9
12.5°	3158.6	3010.1	2783.8	2404.3	2029.5	1706.6	1477.9	1275.2	1096.1	952.3	815.6
10°	5346.1	5027.9	4403.2	3366.0	2675.4	2081.4	1671.2	1400.2	1173.9	1025.4	874.5
7.5°	13520.8	11029.2	7804.6	5329.6	3500.4	2543.4	1911.7	1518.0	1256.4	1072.5	921.7
5°	52697.0	43409.8	23156.9	9664.4	5265.9	3076.1	2128.5	1612.3	1310.6	1107.9	957.0
2.5°	167244.0	144426.5	75773.8	20804.4	6465.7	3465.0	2277.0	1671.2	1341.2	1133.8	982.9
0°	240229.2	205885.2	106344.0	27362.1	7012.6	3564.1	2324.2	1683.0	1345.9	1138.5	982.9
-2.5°	219768.9	192340.8	102728.1	25462.2	7165.8	3592.3	2361.9	1723.1	1381.3	1159.7	990.0
-5°	130585.2	114542.2	71660.5	18155.0	6366.7	3335.4	2262.9	1687.7	1357.7	1147.9	985.3
-7.5°	34405.3	29785.3	19592.8	9473.5	4120.3	2821.5	2079.0	1628.8	1327.1	1126.7	966.4
-10°	8294.9	7861.2	7022.0	4304.2	3208.1	2357.2	1843.3	1522.7	1265.8	1098.4	935.8
-12.5°	4000.1	3905.8	3545.2	2922.9	2380.7	1958.8	1668.9	1411.9	1209.2	1048.9	893.4
-15°	2602.3	2548.1	2425.5	2187.5	1911.7	1709.0	1506.2	1298.8	1138.5	975.9	858.0
-17.5°	1925.8	1923.5	1862.2	1772.6	1635.9	1485.0	1336.5	1204.5	1048.9	909.9	820.3
-20°	1595.8	1595.8	1560.5	1501.5	1404.9	1305.9	1206.9	1084.3	957.0	853.3	815.6



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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°	1355.4	1357.7	1338.9	1301.2	1249.3	1166.8	1070.2	971.2	879.2	841.5	829.7
-25°	1199.8	1195.1	1173.9	1138.5	1084.3	1018.3	954.7	888.7	862.7	853.3	869.8
-27.5°	1015.9	1023.0	1013.6	997.1	961.7	914.6	900.4	881.6	886.3	900.4	964.1
-30°	907.5	914.6	924.0	931.1	919.3	907.5	912.2	926.4	957.0	1011.2	1034.8
-32.5°	907.5	909.9	924.0	938.2	945.2	954.7	980.6	1027.7	1072.5	1058.4	1053.7
-35°	990.0	982.9	1001.8	1020.7	1046.6	1079.6	1107.9	1098.4	1081.9	1077.2	1081.9
-37.5°	1225.7	1180.9	1162.1	1150.3	1143.2	1138.5	1131.4	1124.4	1117.3	1112.6	1119.7
-40°	1223.4	1211.6	1199.8	1190.4	1183.3	1173.9	1169.2	1166.8	1159.7	1155.0	1150.3
-42.5°	1218.7	1223.4	1223.4	1221.0	1223.4	1221.0	1213.9	1204.5	1192.7	1183.3	1173.9
-45°	1254.0	1256.4	1261.1	1265.8	1272.9	1263.4	1249.3	1232.8	1216.3	1202.2	1190.4
-47.5°	1275.2	1277.6	1282.3	1289.4	1294.1	1284.7	1265.8	1244.6	1218.7	1195.1	1171.5
-50°	1282.3	1289.4	1291.7	1291.7	1289.4	1277.6	1249.3	1218.7	1190.4	1166.8	1145.6
-52.5°	1249.3	1256.4	1258.7	1254.0	1251.7	1239.9	1213.9	1185.7	1155.0	1138.5	1119.7
-55°	1195.1	1204.5	1211.6	1211.6	1211.6	1209.2	1185.7	1159.7	1136.2	1117.3	1098.4
-57.5°	1173.9	1190.4	1204.5	1206.9	1209.2	1211.6	1195.1	1169.2	1140.9	1112.6	1089.0
-60°	1251.7	1265.8	1272.9	1263.4	1256.4	1249.3	1223.4	1192.7	1164.4	1136.2	1091.4
-62.5°	1230.4	1254.0	1265.8	1258.7	1249.3	1237.5	1209.2	1173.9	1140.9	1110.2	1065.4
-65°	1162.1	1183.3	1197.4	1185.7	1171.5	1155.0	1129.1	1096.1	1065.4	1034.8	994.7
-67.5°	1046.6	1077.2	1100.8	1074.9	1056.0	1034.8	1013.6	985.3	954.7	919.3	881.6
-70°	865.1	888.7	909.9	902.8	898.1	893.4	879.2	850.9	825.0	796.7	763.7
-72.5°	695.4	716.6	735.4	723.7	714.2	700.1	678.9	648.2	617.6	586.9	556.3
-75°	384.2	391.3	398.4	396.0	396.0	396.0	396.0	398.4	393.6	386.6	372.4
-77.5°	294.6	304.1	311.1	315.9	322.9	332.4	339.4	327.6	315.9	304.1	289.9
-80°	231.0	240.4	247.5	273.4	292.3	313.5	327.6	311.1	294.6	280.5	268.7
-82.5°	174.4	181.5	188.6	202.7	212.1	223.9	233.4	233.4	231.0	228.6	221.6
-85°	127.3	136.7	146.1	150.9	157.9	157.9	160.3	150.9	141.4	134.4	124.9
-87.5°	73.1	75.4	75.4	75.4	77.8	77.8	77.8	73.1	70.7	66.0	63.6
-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	4.7	4.7	7.1	7.1	9.4	9.4	11.8	11.8
85°	14.1	14.1	14.1	16.5	16.5	18.9	21.2	23.6	25.9	25.9	28.3
82.5°	23.6	25.9	28.3	30.6	33.0	35.4	37.7	40.1	47.1	51.9	54.2
80°	23.6	25.9	33.0	37.7	42.4	47.1	47.1	47.1	47.1	49.5	54.2
77.5°	16.5	18.9	21.2	25.9	37.7	47.1	54.2	58.9	54.2	51.9	47.1
75°	9.4	11.8	14.1	16.5	23.6	33.0	44.8	56.6	66.0	63.6	58.9
72.5°	9.4	9.4	11.8	14.1	16.5	18.9	21.2	33.0	47.1	58.9	66.0
70°	9.4	11.8	11.8	14.1	16.5	18.9	21.2	25.9	33.0	47.1	61.3
67.5°	9.4	11.8	11.8	16.5	21.2	23.6	25.9	23.6	21.2	30.6	44.8
65°	9.4	9.4	11.8	14.1	16.5	18.9	25.9	25.9	23.6	23.6	23.6
62.5°	14.1	14.1	14.1	14.1	16.5	16.5	16.5	21.2	21.2	21.2	21.2
60°	28.3	25.9	25.9	25.9	25.9	21.2	21.2	21.2	18.9	21.2	18.9
57.5°	68.4	56.6	51.9	51.9	44.8	42.4	35.4	25.9	25.9	21.2	21.2
55°	139.1	132.0	110.8	91.9	82.5	73.1	56.6	47.1	35.4	28.3	25.9
52.5°	214.5	195.6	176.8	153.2	129.6	110.8	94.3	73.1	58.9	42.4	33.0
50°	280.5	264.0	242.8	216.9	186.2	162.6	139.1	110.8	87.2	66.0	47.1
47.5°	381.9	348.9	322.9	292.3	256.9	223.9	193.3	160.3	122.6	96.6	73.1
45°	490.3	443.1	407.8	379.5	332.4	287.6	252.2	216.9	172.1	127.3	99.0
42.5°	565.7	530.4	483.2	445.5	403.1	355.9	308.8	271.1	223.9	172.1	127.3
40°	605.8	582.2	544.5	511.5	466.7	414.9	365.4	327.6	278.1	221.6	160.3
37.5°	636.4	624.7	605.8	579.9	537.4	476.1	426.6	381.9	339.4	273.4	207.4
35°	671.8	669.4	657.7	645.9	610.5	551.6	492.6	440.8	388.9	327.6	254.6
32.5°	704.8	702.4	695.4	690.7	676.5	624.7	561.0	502.1	443.1	379.5	299.4
30°	721.3	716.6	716.6	721.3	707.2	674.2	627.0	563.4	497.4	421.9	346.5
27.5°	721.3	716.6	718.9	726.0	723.7	707.2	671.8	619.9	546.9	462.0	388.9
25°	690.7	714.2	714.2	723.7	726.0	721.3	702.4	669.4	594.0	504.4	421.9
22.5°	648.2	704.8	726.0	723.7	726.0	737.8	740.2	709.5	638.8	546.9	454.9
20°	648.2	688.3	749.6	733.1	737.8	763.7	775.5	749.6	685.9	586.9	487.9
17.5°	662.4	688.3	740.2	766.1	773.2	794.4	813.2	796.7	728.4	629.4	532.7
15°	702.4	697.7	733.1	796.7	808.5	825.0	846.2	827.4	766.1	676.5	575.2
12.5°	730.7	704.8	733.1	801.4	839.2	855.7	862.7	848.6	799.1	718.9	617.6
10°	768.4	723.7	737.8	796.7	850.9	862.7	869.8	865.1	829.7	754.3	655.3
7.5°	796.7	733.1	733.1	789.7	862.7	872.2	876.9	881.6	855.7	784.9	688.3
5°	808.5	733.1	728.4	782.6	874.5	883.9	883.9	891.0	874.5	808.5	711.9
2.5°	810.9	730.7	723.7	777.9	895.7	895.7	891.0	898.1	888.7	822.7	728.4
0°	822.7	728.4	721.3	784.9	919.3	909.9	898.1	900.4	895.7	829.7	737.8
-2.5°	822.7	740.2	730.7	789.7	916.9	914.6	909.9	912.2	907.5	850.9	756.7
-5°	834.4	756.7	747.2	810.9	914.6	921.7	924.0	924.0	916.9	865.1	768.4
-7.5°	836.8	768.4	766.1	832.1	919.3	931.1	938.2	942.9	928.7	874.5	777.9
-10°	825.0	773.2	784.9	858.0	924.0	940.5	954.7	961.7	938.2	879.2	782.6
-12.5°	799.1	773.2	803.8	891.0	935.8	954.7	975.9	978.2	947.6	881.6	784.9
-15°	796.7	792.0	836.8	924.0	942.9	966.4	999.4	992.4	954.7	881.6	784.9
-17.5°	794.4	817.9	886.3	935.8	954.7	980.6	1006.5	999.4	959.4	881.6	780.2
-20°	815.6	860.4	945.2	947.6	968.8	997.1	1011.2	997.1	952.3	874.5	773.2



REPORT NUMBER: P723669

CATALOG NUMBER: IFLD-S-SA3C-730-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°	850.9	935.8	964.1	973.5	992.4	1013.6	1020.7	999.4	945.2	862.7	761.4
-25°	940.5	982.9	982.9	1004.2	1023.0	1032.4	1025.4	1001.8	935.8	850.9	749.6
-27.5°	1008.9	1006.5	1018.3	1039.5	1056.0	1056.0	1037.2	990.0	921.7	839.2	733.1
-30°	1034.8	1037.2	1053.7	1077.2	1081.9	1070.2	1041.9	980.6	909.9	820.3	711.9
-32.5°	1060.7	1070.2	1091.4	1103.2	1105.5	1081.9	1030.1	964.1	891.0	799.1	688.3
-35°	1091.4	1110.2	1122.0	1124.4	1112.6	1072.5	1013.6	942.9	862.7	768.4	667.1
-37.5°	1131.4	1140.9	1147.9	1138.5	1105.5	1058.4	985.3	914.6	836.8	735.4	636.4
-40°	1157.4	1162.1	1164.4	1133.8	1093.7	1025.4	954.7	881.6	792.0	697.7	603.4
-42.5°	1173.9	1169.2	1150.3	1117.3	1058.4	992.4	924.0	841.5	751.9	660.0	568.1
-45°	1169.2	1152.7	1124.4	1084.3	1023.0	957.0	876.9	794.4	709.5	619.9	528.0
-47.5°	1150.3	1124.4	1089.0	1041.9	985.3	905.2	825.0	744.9	662.4	575.2	490.3
-50°	1126.7	1096.1	1053.7	994.7	919.3	846.2	773.2	695.4	610.5	530.4	454.9
-52.5°	1100.8	1067.8	1013.6	947.6	865.1	789.7	718.9	643.5	565.7	490.3	424.3
-55°	1072.5	1039.5	978.2	902.8	820.3	737.8	669.4	605.8	530.4	457.3	398.4
-57.5°	1058.4	1015.9	952.3	876.9	789.7	704.8	645.9	577.5	509.2	433.7	377.1
-60°	1046.6	1004.2	945.2	858.0	775.5	695.4	627.0	561.0	487.9	417.2	360.6
-62.5°	1013.6	968.8	914.6	829.7	749.6	676.5	615.2	537.4	466.7	400.7	348.9
-65°	947.6	900.4	853.3	777.9	704.8	636.4	575.2	504.4	438.4	381.9	337.1
-67.5°	843.9	803.8	761.4	697.7	636.4	575.2	518.6	457.3	403.1	363.0	339.4
-70°	728.4	685.9	643.5	591.7	539.8	490.3	445.5	400.7	365.4	344.1	325.3
-72.5°	530.4	511.5	490.3	450.2	407.8	377.1	355.9	337.1	311.1	292.3	280.5
-75°	353.6	327.6	294.6	280.5	282.9	278.1	266.4	252.2	240.4	233.4	216.9
-77.5°	275.8	261.6	245.1	228.6	221.6	214.5	205.1	193.3	183.9	167.4	143.8
-80°	254.6	242.8	231.0	219.2	207.4	190.9	172.1	153.2	143.8	136.7	134.4
-82.5°	209.8	195.6	181.5	169.7	153.2	141.4	129.6	120.2	120.2	117.9	115.5
-85°	120.2	115.5	108.4	103.7	99.0	91.9	84.9	80.1	77.8	75.4	73.1
-87.5°	61.3	58.9	54.2	51.9	49.5	47.1	42.4	40.1	37.7	37.7	35.4
-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: P723669

CATALOG NUMBER: IFLD-S-SA3C-730-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°	11.8	11.8	9.4	9.4	9.4	7.1	4.7	4.7	2.4	2.4	0.0
85°	28.3	23.6	21.2	18.9	18.9	14.1	9.4	7.1	4.7	2.4	2.4
82.5°	54.2	47.1	40.1	35.4	28.3	21.2	16.5	11.8	7.1	4.7	2.4
80°	61.3	61.3	58.9	49.5	40.1	30.6	21.2	14.1	9.4	7.1	4.7
77.5°	47.1	51.9	51.9	51.9	49.5	37.7	25.9	16.5	9.4	7.1	4.7
75°	54.2	47.1	44.8	47.1	44.8	37.7	30.6	18.9	11.8	9.4	4.7
72.5°	66.0	56.6	49.5	47.1	42.4	35.4	28.3	21.2	11.8	9.4	7.1
70°	61.3	58.9	54.2	49.5	42.4	35.4	28.3	21.2	14.1	9.4	7.1
67.5°	54.2	54.2	54.2	49.5	42.4	33.0	25.9	18.9	14.1	9.4	7.1
65°	37.7	44.8	49.5	47.1	42.4	33.0	25.9	18.9	14.1	11.8	7.1
62.5°	23.6	30.6	40.1	44.8	40.1	33.0	23.6	18.9	14.1	11.8	7.1
60°	21.2	23.6	28.3	35.4	37.7	30.6	23.6	16.5	14.1	11.8	7.1
57.5°	21.2	21.2	23.6	28.3	30.6	28.3	21.2	14.1	14.1	11.8	9.4
55°	23.6	21.2	21.2	23.6	25.9	25.9	21.2	14.1	14.1	11.8	9.4
52.5°	28.3	23.6	21.2	21.2	21.2	23.6	18.9	14.1	14.1	11.8	9.4
50°	35.4	28.3	25.9	21.2	21.2	21.2	18.9	14.1	11.8	11.8	9.4
47.5°	47.1	37.7	28.3	25.9	21.2	18.9	16.5	14.1	11.8	11.8	9.4
45°	70.7	44.8	37.7	28.3	23.6	21.2	18.9	14.1	11.8	11.8	9.4
42.5°	96.6	66.0	47.1	33.0	25.9	21.2	18.9	16.5	11.8	11.8	9.4
40°	122.6	89.6	58.9	42.4	30.6	23.6	18.9	16.5	14.1	11.8	9.4
37.5°	150.9	110.8	77.8	54.2	35.4	25.9	21.2	16.5	14.1	11.8	9.4
35°	186.2	139.1	96.6	66.0	42.4	30.6	23.6	16.5	14.1	11.8	9.4
32.5°	226.3	165.0	115.5	80.1	54.2	37.7	25.9	18.9	14.1	11.8	9.4
30°	264.0	195.6	136.7	96.6	66.0	42.4	28.3	18.9	14.1	11.8	7.1
27.5°	301.7	226.3	162.6	113.1	80.1	49.5	30.6	21.2	14.1	11.8	9.4
25°	339.4	256.9	188.6	129.6	91.9	58.9	37.7	23.6	14.1	11.8	9.4
22.5°	372.4	287.6	212.1	148.5	106.1	68.4	42.4	25.9	16.5	11.8	9.4
20°	410.1	320.6	238.1	169.7	117.9	77.8	47.1	28.3	16.5	11.8	9.4
17.5°	445.5	353.6	264.0	188.6	132.0	87.2	54.2	30.6	18.9	11.8	9.4
15°	480.9	384.2	287.6	207.4	146.1	96.6	58.9	33.0	21.2	11.8	9.4
12.5°	513.9	412.5	308.8	223.9	157.9	106.1	63.6	35.4	23.6	11.8	9.4
10°	544.5	438.4	330.0	238.1	169.7	113.1	68.4	40.1	25.9	11.8	9.4
7.5°	575.2	459.6	346.5	252.2	183.9	122.6	73.1	42.4	28.3	14.1	9.4
5°	594.0	478.5	360.6	264.0	195.6	132.0	77.8	44.8	30.6	14.1	9.4
2.5°	610.5	492.6	370.1	275.8	207.4	139.1	77.8	47.1	33.0	14.1	9.4
0°	619.9	502.1	377.1	282.9	216.9	143.8	80.1	49.5	35.4	14.1	9.4
-2.5°	641.2	518.6	393.6	292.3	226.3	157.9	84.9	51.9	37.7	16.5	9.4
-5°	655.3	528.0	405.4	301.7	233.4	172.1	91.9	56.6	42.4	21.2	11.8
-7.5°	667.1	537.4	414.9	306.4	240.4	176.8	94.3	58.9	44.8	23.6	11.8
-10°	669.4	542.2	421.9	313.5	245.1	183.9	96.6	61.3	47.1	25.9	11.8
-12.5°	671.8	546.9	424.3	318.2	249.9	188.6	99.0	63.6	49.5	28.3	11.8
-15°	669.4	544.5	424.3	322.9	252.2	183.9	103.7	66.0	51.9	30.6	11.8
-17.5°	664.7	542.2	421.9	320.6	249.9	179.1	106.1	70.7	51.9	33.0	14.1
-20°	657.7	535.1	417.2	318.2	247.5	174.4	108.4	73.1	54.2	33.0	14.1

REPORT NUMBER: P723669

CATALOG NUMBER: IFLD-S-SA3C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	645.9	523.3	407.8	311.1	242.8	169.7	108.4	77.8	56.6	33.0	14.1
-25°	631.7	511.5	398.4	301.7	235.7	162.6	108.4	80.1	58.9	33.0	14.1
-27.5°	615.2	499.7	384.2	294.6	226.3	157.9	108.4	82.5	61.3	33.0	14.1
-30°	596.4	483.2	372.4	282.9	219.2	157.9	110.8	84.9	63.6	33.0	14.1
-32.5°	577.5	466.7	358.3	273.4	209.8	155.6	110.8	87.2	66.0	30.6	16.5
-35°	556.3	447.9	346.5	266.4	202.7	150.9	113.1	87.2	63.6	30.6	16.5
-37.5°	530.4	424.3	334.7	259.3	198.0	146.1	113.1	89.6	61.3	30.6	16.5
-40°	502.1	405.4	320.6	249.9	190.9	143.8	113.1	89.6	58.9	30.6	18.9
-42.5°	471.4	384.2	306.4	240.4	183.9	141.4	113.1	89.6	56.6	30.6	18.9
-45°	443.1	363.0	289.9	228.6	176.8	141.4	113.1	87.2	51.9	33.0	18.9
-47.5°	412.5	339.4	271.1	216.9	174.4	139.1	110.8	82.5	47.1	33.0	18.9
-50°	386.6	315.9	256.9	205.1	169.7	141.4	113.1	75.4	47.1	33.0	18.9
-52.5°	360.6	299.4	240.4	200.4	165.0	143.8	110.8	70.7	47.1	33.0	18.9
-55°	339.4	282.9	231.0	193.3	169.7	148.5	106.1	63.6	47.1	33.0	18.9
-57.5°	322.9	273.4	223.9	195.6	176.8	143.8	99.0	61.3	47.1	30.6	18.9
-60°	311.1	264.0	226.3	205.1	179.1	136.7	94.3	61.3	47.1	30.6	16.5
-62.5°	301.7	266.4	238.1	212.1	169.7	127.3	89.6	61.3	42.4	28.3	16.5
-65°	304.1	275.8	242.8	202.7	162.6	117.9	82.5	58.9	40.1	25.9	16.5
-67.5°	311.1	268.7	228.6	190.9	146.1	106.1	75.4	54.2	37.7	25.9	16.5
-70°	287.6	247.5	207.4	162.6	124.9	91.9	70.7	49.5	33.0	23.6	16.5
-72.5°	259.3	207.4	165.0	132.0	106.1	84.9	63.6	44.8	30.6	21.2	14.1
-75°	188.6	150.9	122.6	110.8	94.3	75.4	56.6	40.1	28.3	21.2	14.1
-77.5°	134.4	124.9	113.1	101.4	84.9	66.0	49.5	37.7	25.9	18.9	11.8
-80°	132.0	120.2	106.1	87.2	70.7	56.6	42.4	33.0	23.6	16.5	9.4
-82.5°	110.8	94.3	80.1	66.0	54.2	44.8	35.4	25.9	18.9	11.8	7.1
-85°	68.4	58.9	51.9	44.8	37.7	30.6	23.6	16.5	11.8	7.1	4.7
-87.5°	33.0	30.6	25.9	21.2	18.9	14.1	11.8	9.4	7.1	4.7	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: P723669

CATALOG NUMBER: IFLD-S-SA3C-730-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°	4.7	2.4	2.4	0.0
67.5°	4.7	2.4	2.4	0.0
65°	4.7	2.4	2.4	0.0
62.5°	4.7	2.4	2.4	0.0
60°	4.7	2.4	2.4	0.0
57.5°	4.7	2.4	2.4	0.0
55°	4.7	2.4	2.4	0.0
52.5°	4.7	2.4	2.4	0.0
50°	4.7	2.4	2.4	0.0
47.5°	4.7	4.7	2.4	0.0
45°	4.7	4.7	2.4	0.0
42.5°	4.7	4.7	2.4	0.0
40°	4.7	4.7	2.4	0.0
37.5°	4.7	4.7	2.4	0.0
35°	4.7	4.7	2.4	0.0
32.5°	7.1	4.7	2.4	0.0
30°	7.1	4.7	4.7	0.0
27.5°	7.1	4.7	4.7	0.0
25°	7.1	4.7	4.7	0.0
22.5°	7.1	4.7	4.7	0.0
20°	7.1	4.7	4.7	0.0
17.5°	7.1	4.7	4.7	0.0
15°	7.1	4.7	4.7	0.0
12.5°	7.1	4.7	4.7	0.0
10°	7.1	4.7	4.7	0.0
7.5°	7.1	4.7	4.7	0.0
5°	7.1	4.7	4.7	0.0
2.5°	7.1	4.7	4.7	0.0
0°	7.1	4.7	4.7	0.0
-2.5°	7.1	4.7	4.7	0.0
-5°	7.1	4.7	4.7	0.0
-7.5°	7.1	4.7	4.7	0.0
-10°	7.1	4.7	4.7	0.0
-12.5°	9.4	4.7	4.7	0.0
-15°	9.4	4.7	4.7	0.0
-17.5°	9.4	4.7	4.7	0.0
-20°	9.4	4.7	4.7	0.0

REPORT NUMBER: P723669

CATALOG NUMBER: IFLD-S-SA3C-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.4	4.7	4.7	0.0
-25°	9.4	4.7	4.7	0.0
-27.5°	9.4	4.7	4.7	0.0
-30°	9.4	4.7	4.7	0.0
-32.5°	9.4	4.7	4.7	0.0
-35°	9.4	4.7	4.7	0.0
-37.5°	9.4	4.7	4.7	0.0
-40°	9.4	4.7	4.7	0.0
-42.5°	7.1	4.7	2.4	0.0
-45°	9.4	4.7	2.4	0.0
-47.5°	9.4	4.7	2.4	0.0
-50°	9.4	4.7	2.4	0.0
-52.5°	9.4	4.7	2.4	0.0
-55°	9.4	4.7	2.4	0.0
-57.5°	9.4	4.7	2.4	0.0
-60°	9.4	4.7	2.4	0.0
-62.5°	9.4	4.7	2.4	0.0
-65°	9.4	4.7	2.4	0.0
-67.5°	9.4	4.7	2.4	0.0
-70°	9.4	2.4	2.4	0.0
-72.5°	7.1	2.4	2.4	0.0
-75°	7.1	2.4	2.4	0.0
-77.5°	4.7	2.4	0.0	0.0
-80°	4.7	2.4	0.0	0.0
-82.5°	4.7	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)