

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: P722029

Luminaire Tested: **IFLD-S-SA6C-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722029
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

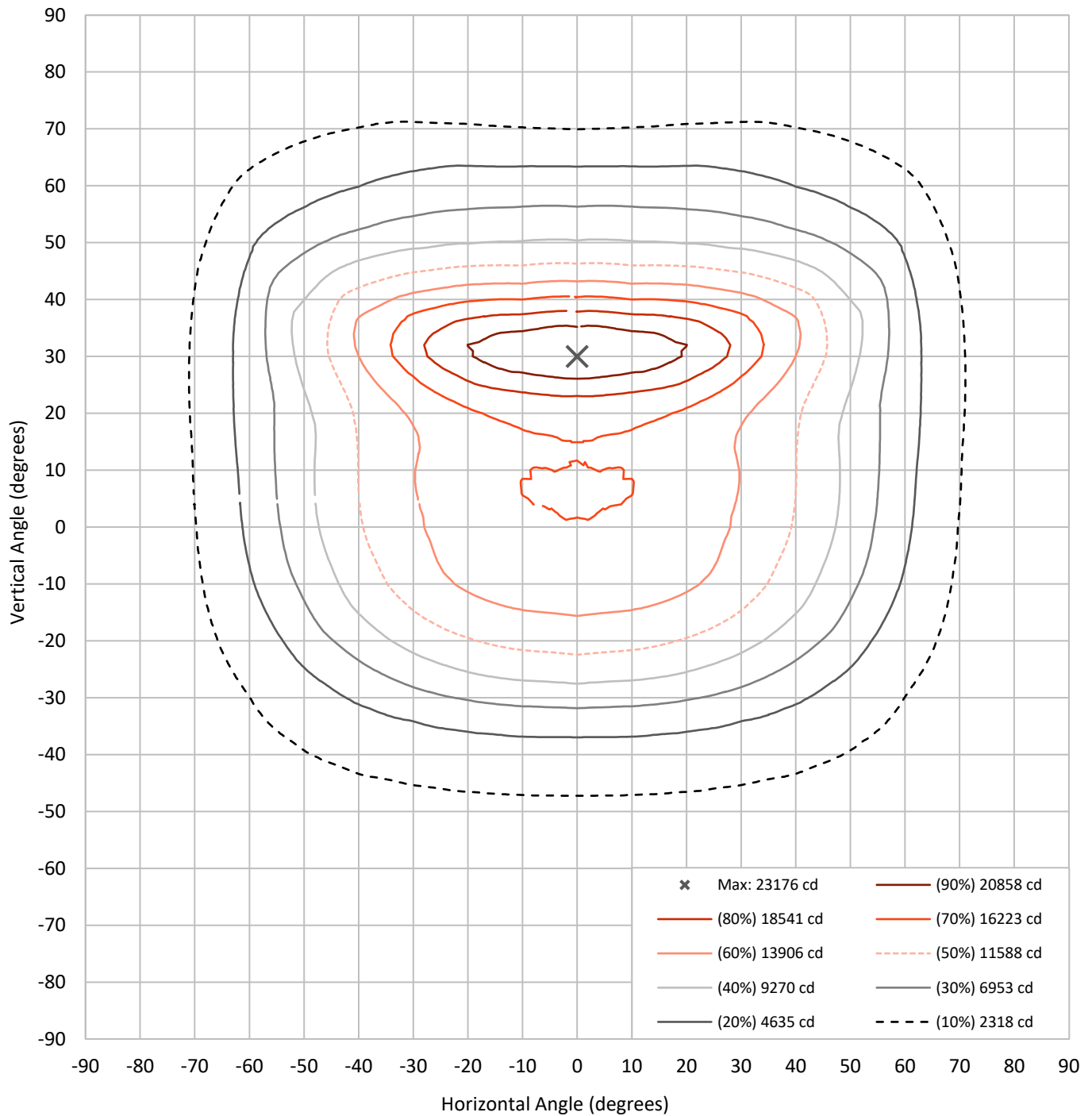
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	38686.5 lumens	Max Intensity:	23176 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	120.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	22496.7 lumens	Field Lumens:	36254.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
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		



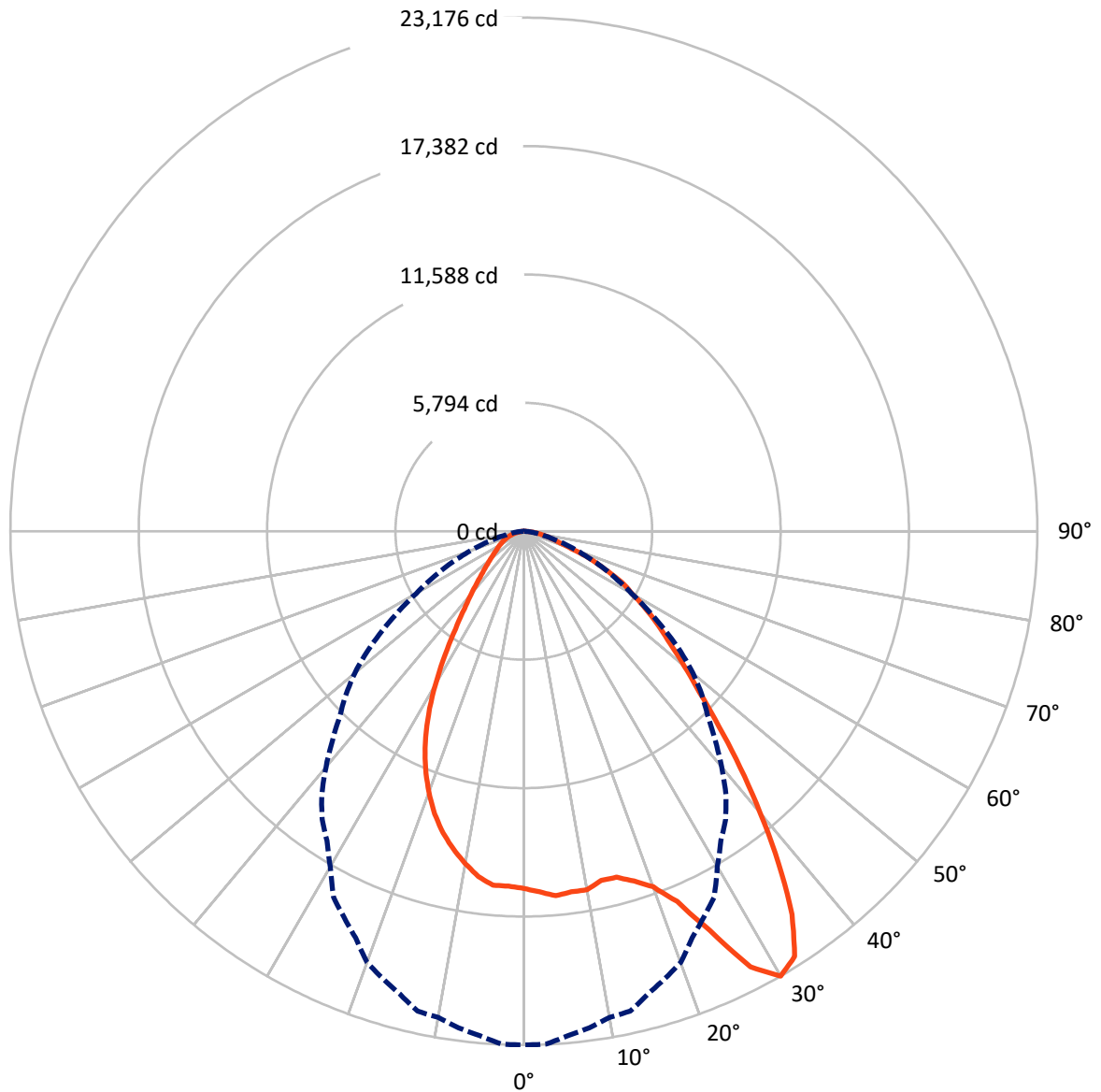
REPORT NUMBER: P722029
CATALOG NUMBER: IFLD-S-SA6C-730-U-76

Iso-Candela Plot



REPORT NUMBER: P722029
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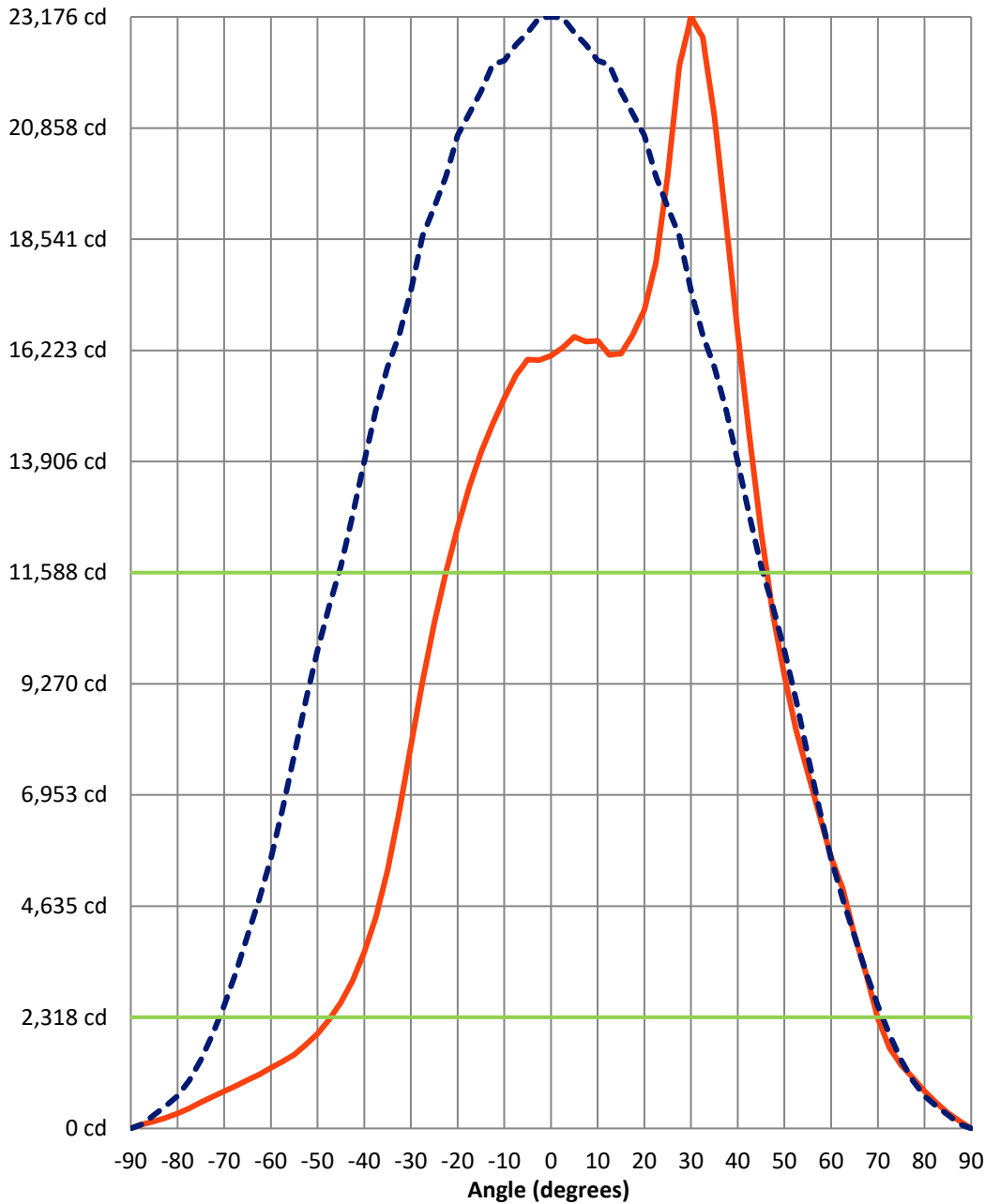
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 22496.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 36254.3
 Efficiency: 93.7%

Spill:
 Lumens: 2432.3
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

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°	155.7	159.8	163.9	163.9	159.8	159.8	159.8	155.7	159.8	159.8	159.8
85°	323.8	332.0	340.2	336.1	332.0	323.8	315.6	319.7	323.8	327.9	327.9
82.5°	536.9	549.2	557.4	553.3	545.1	536.9	528.7	532.8	541.0	545.1	545.1
80°	778.7	782.8	786.9	795.1	782.8	782.8	778.7	795.1	803.3	811.5	819.7
77.5°	1057.4	1061.5	1061.5	1065.6	1069.7	1073.8	1073.8	1102.4	1122.9	1135.2	1147.5
75°	1319.7	1332.0	1344.2	1356.5	1372.9	1381.1	1393.4	1434.4	1467.2	1491.8	1516.4
72.5°	1680.3	1696.7	1717.2	1745.9	1774.6	1795.1	1823.8	1872.9	1909.8	1934.4	1963.1
70°	2299.2	2315.5	2336.0	2356.5	2385.2	2405.7	2434.4	2495.9	2532.8	2549.2	2565.5
67.5°	3217.2	3258.2	3295.0	3254.1	3233.6	3204.9	3213.1	3270.5	3307.3	3331.9	3327.8
65°	4032.7	4061.4	4061.4	4057.3	4040.9	4004.1	4024.5	4094.2	4135.2	4155.7	4094.2
62.5°	4991.7	4991.7	4971.3	5004.0	5008.1	4983.6	4971.3	4975.4	4979.5	4991.7	4889.3
60°	5655.7	5696.7	5709.0	5737.6	5745.8	5745.8	5766.3	5782.7	5782.7	5758.1	5639.3
57.5°	6532.7	6610.6	6627.0	6606.5	6565.5	6512.2	6504.0	6479.4	6430.3	6381.1	6323.7
55°	7418.0	7458.9	7454.8	7442.5	7401.6	7340.1	7348.3	7315.5	7237.6	7176.2	7098.3
52.5°	8307.3	8405.6	8422.0	8397.5	8340.1	8274.5	8278.6	8241.7	8163.8	8098.3	7991.7
50°	9442.5	9524.5	9516.3	9475.3	9393.3	9344.2	9348.3	9278.6	9188.4	9167.9	9028.6
47.5°	10741.7	10835.9	10819.6	10762.2	10651.5	10631.0	10651.5	10561.4	10508.1	10463.0	10299.1
45°	12446.6	12557.2	12495.8	12385.1	12208.9	12229.4	12258.1	12241.7	12126.9	12008.1	11799.1
42.5°	14446.6	14516.2	14442.5	14331.8	14110.5	14151.5	14135.1	14036.7	13967.1	13770.3	13504.0
40°	16585.9	16737.5	16622.8	16450.6	16221.1	16282.6	16237.5	16110.5	15946.5	15700.6	15364.6
37.5°	18893.2	19012.1	18880.9	18680.1	18475.2	18454.7	18364.6	18167.8	17934.2	17663.7	17126.9
35°	21102.2	21409.6	21167.8	20848.1	20598.1	20503.9	20417.8	19962.9	19696.5	19258.0	18524.4
32.5°	22745.7	22971.1	22671.9	22339.9	22036.6	21905.5	21602.2	21061.2	20917.8	19995.7	19323.6
30°	23176.0	23159.6	22848.1	22594.0	22266.2	22176.0	21618.6	21159.6	20700.6	19848.1	19208.8
27.5°	22151.4	22048.9	21749.8	21528.5	21204.7	21098.1	20549.0	20303.1	19594.1	18872.7	18331.8
25°	19868.6	19921.9	19696.5	19585.9	19372.7	19143.2	18926.0	18594.1	18151.4	17520.3	17024.4
22.5°	18069.5	18139.1	18044.9	17913.7	17749.8	17622.8	17458.8	17200.6	16774.4	16385.1	15917.9
20°	17069.5	17049.0	16967.0	16868.7	16712.9	16622.8	16442.4	16225.2	15897.4	15561.3	15057.2
17.5°	16544.9	16417.9	16340.0	16303.1	16221.1	16106.4	15893.3	15672.0	15417.9	15036.7	14667.9
15°	16155.6	16176.1	16114.6	16085.9	16020.3	15860.5	15643.3	15462.9	15118.7	14926.1	14590.0
12.5°	16131.0	16110.5	16114.6	16102.3	16020.3	15815.4	15704.7	15475.2	15253.9	14999.8	14614.6
10°	16422.0	16204.7	16221.1	16278.5	16147.4	15983.4	15864.6	15614.6	15405.6	15081.8	14700.7
7.5°	16405.6	16294.9	16327.7	16233.4	16274.4	16073.6	15909.7	15659.7	15397.4	15053.1	14708.9
5°	16503.9	16335.9	16307.2	16315.4	16212.9	16061.3	15840.0	15602.3	15356.4	14971.1	14618.7
2.5°	16278.5	16303.1	16172.0	16122.8	16110.5	15856.4	15651.5	15422.0	15167.9	14827.7	14512.1
0°	16110.5	16155.6	16020.3	15950.6	15946.5	15729.3	15598.2	15335.9	15155.6	14872.8	14491.6
-2.5°	16020.3	16073.6	16090.0	15962.9	15840.0	15672.0	15450.7	15167.9	14872.8	14544.9	14217.1
-5°	16028.5	15922.0	15876.9	15917.9	15811.3	15643.3	15397.4	15147.4	14856.4	14503.9	14094.1
-7.5°	15704.7	15598.2	15590.0	15569.5	15544.9	15385.1	15180.2	14909.7	14614.6	14286.7	13905.6
-10°	15221.1	15143.3	15122.8	15102.3	15036.7	14942.5	14749.8	14503.9	14237.6	13909.7	13504.0
-12.5°	14684.3	14647.4	14569.5	14516.2	14450.7	14340.0	14155.6	13930.2	13663.8	13372.8	13024.4
-15°	14090.0	14020.3	13942.5	13897.4	13803.1	13672.0	13487.6	13278.5	12987.6	12700.7	12372.8
-17.5°	13372.8	13286.7	13200.7	13188.4	13122.8	12922.0	12749.9	12495.8	12241.7	11967.1	11647.4
-20°	12528.6	12409.7	12352.3	12319.5	12229.4	12081.8	11897.4	11663.8	11417.9	11155.6	10786.8



REPORT NUMBER: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	11594.1	11491.7	11393.3	11331.8	11254.0	11139.2	10963.0	10758.1	10516.3	10221.2	9881.0
-25°	10532.7	10389.2	10327.8	10258.1	10217.1	10110.5	9938.4	9749.9	9499.9	9213.0	8889.2
-27.5°	9319.6	9204.8	9172.0	9073.7	9024.5	8913.8	8770.4	8594.2	8364.7	8094.2	7827.8
-30°	7979.4	7909.8	7856.5	7758.1	7721.2	7602.4	7508.1	7360.6	7151.6	6958.9	6745.8
-32.5°	6602.4	6532.7	6516.3	6471.2	6446.7	6368.8	6262.2	6155.7	5987.6	5844.2	5672.1
-35°	5381.1	5331.9	5336.0	5331.9	5307.3	5249.9	5118.8	5090.1	4967.2	4836.0	4725.4
-37.5°	4405.7	4409.8	4405.7	4401.6	4368.8	4344.2	4250.0	4213.1	4139.3	4012.3	3946.7
-40°	3672.1	3680.3	3676.2	3668.0	3631.1	3618.8	3557.3	3508.2	3479.5	3389.3	3319.6
-42.5°	3077.8	3090.1	3086.0	3081.9	3057.3	3053.2	3020.5	2963.1	2946.7	2893.4	2819.6
-45°	2627.0	2622.9	2614.7	2622.9	2610.6	2598.3	2577.8	2541.0	2520.5	2495.9	2434.4
-47.5°	2270.5	2274.6	2266.4	2266.4	2250.0	2237.7	2229.5	2204.9	2188.5	2168.0	2131.1
-50°	1975.4	1991.8	1987.7	1983.6	1971.3	1963.1	1963.1	1938.5	1913.9	1905.7	1881.1
-52.5°	1745.9	1758.2	1762.3	1770.5	1774.6	1778.7	1766.4	1741.8	1700.8	1696.7	1684.4
-55°	1536.9	1573.8	1598.3	1614.7	1631.1	1643.4	1618.8	1586.0	1545.1	1528.7	1524.6
-57.5°	1393.4	1430.3	1459.0	1483.6	1504.1	1524.6	1500.0	1467.2	1430.3	1409.8	1405.7
-60°	1262.3	1295.1	1323.8	1356.5	1385.2	1418.0	1405.7	1381.1	1360.6	1344.2	1327.9
-62.5°	1122.9	1155.7	1188.5	1229.5	1266.4	1299.2	1303.3	1299.2	1295.1	1299.2	1270.5
-65°	1008.2	1024.6	1045.1	1090.2	1131.1	1168.0	1188.5	1200.8	1221.3	1241.8	1213.1
-67.5°	885.2	905.7	930.3	963.1	995.9	1020.5	1049.2	1082.0	1114.7	1147.5	1127.0
-70°	774.6	791.0	811.5	827.9	848.4	864.7	889.3	926.2	963.1	995.9	987.7
-72.5°	659.8	676.2	688.5	696.7	709.0	717.2	729.5	762.3	786.9	803.3	803.3
-75°	545.1	561.5	573.8	577.9	586.1	590.2	598.4	610.6	622.9	627.0	631.1
-77.5°	418.0	434.4	446.7	454.9	463.1	471.3	475.4	483.6	487.7	487.7	491.8
-80°	311.5	323.8	332.0	344.3	348.4	356.6	364.8	368.8	372.9	372.9	377.0
-82.5°	221.3	229.5	237.7	245.9	254.1	258.2	266.4	270.5	274.6	278.7	282.8
-85°	147.5	155.7	163.9	172.1	176.2	180.3	184.4	188.5	192.6	196.7	200.8
-87.5°	86.1	90.2	94.3	102.5	106.6	114.8	118.9	114.8	118.9	118.9	118.9
-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: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

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°	159.8	159.8	159.8	159.8	155.7	147.5	143.4	135.2	127.0	118.9	110.7
85°	332.0	336.1	336.1	336.1	327.9	323.8	311.5	299.2	282.8	258.2	237.7
82.5°	553.3	557.4	557.4	553.3	545.1	532.8	516.4	495.9	463.1	430.3	401.6
80°	832.0	836.1	836.1	832.0	811.5	791.0	770.5	745.9	704.9	659.8	610.6
77.5°	1163.9	1172.1	1172.1	1159.8	1131.1	1106.5	1073.8	1032.8	971.3	905.7	840.2
75°	1549.2	1569.7	1573.8	1561.5	1524.6	1479.5	1426.2	1356.5	1262.3	1180.3	1102.4
72.5°	1995.9	2016.4	2032.8	2016.4	1963.1	1901.6	1823.8	1741.8	1647.5	1536.9	1405.7
70°	2581.9	2602.4	2614.7	2561.4	2467.2	2364.7	2270.5	2176.2	2065.6	1930.3	1786.9
67.5°	3319.6	3299.1	3274.6	3168.0	3049.1	2926.2	2795.1	2655.7	2512.3	2368.8	2200.8
65°	4028.6	3971.3	3918.0	3790.9	3639.3	3479.5	3327.8	3172.1	3000.0	2819.6	2659.8
62.5°	4774.5	4651.6	4520.4	4364.7	4209.0	4032.7	3881.1	3696.7	3504.1	3282.8	3077.8
60°	5508.1	5360.6	5229.5	5036.8	4831.9	4594.2	4430.3	4250.0	4024.5	3786.8	3545.0
57.5°	6217.1	6057.3	5913.9	5745.8	5524.5	5266.3	5086.0	4852.4	4614.7	4315.5	4069.6
55°	6971.2	6811.4	6696.6	6508.1	6266.3	6028.6	5831.9	5586.0	5254.0	4934.4	4631.1
52.5°	7836.0	7708.9	7586.0	7393.4	7102.4	6860.6	6643.4	6368.8	6020.4	5627.0	5262.2
50°	8803.2	8737.6	8606.5	8381.1	8049.1	7836.0	7549.1	7184.3	6811.4	6397.5	5942.6
47.5°	10086.0	9979.4	9795.0	9549.1	9270.4	8950.7	8565.5	8139.3	7610.6	7151.6	6668.0
45°	11618.7	11422.0	11184.3	10852.3	10508.1	10147.4	9725.3	9184.3	8475.3	7877.0	7368.8
42.5°	13278.5	13012.2	12688.4	12254.0	11807.2	11364.6	10909.7	10172.0	9286.8	8598.3	8024.5
40°	15012.1	14672.0	14266.2	13635.1	13139.2	12569.5	12049.0	10946.6	10004.0	9258.1	8647.4
37.5°	16708.8	16278.5	15598.2	14831.8	14253.9	13786.7	12643.3	11463.0	10618.7	9799.1	9180.2
35°	18008.0	17643.3	16442.4	15647.4	15151.5	14413.8	12983.5	11774.5	10881.0	10200.7	9237.6
32.5°	18778.5	17835.9	16782.6	15979.3	15569.5	14360.5	13008.1	11864.6	11004.0	10241.7	9090.1
30°	18606.4	17467.0	16544.9	15872.8	14983.4	13897.4	12778.6	11725.3	10889.2	9967.1	8926.1
27.5°	17569.5	16688.3	15864.6	15163.8	14290.8	13315.4	12282.7	11356.4	10577.8	9684.3	8700.7
25°	16397.4	15598.2	14987.5	14376.9	13549.0	12618.7	11708.9	11040.9	10258.1	9376.9	8405.6
22.5°	15319.5	14745.7	14266.2	13626.9	12819.5	12008.1	11442.5	10749.9	9946.6	9053.2	8102.4
20°	14631.0	14241.6	13692.5	12987.6	12352.3	11844.1	11217.1	10483.5	9655.6	8721.2	7844.2
17.5°	14299.0	13848.2	13237.6	12778.6	12290.9	11733.5	11032.7	10254.0	9372.8	8569.6	7872.9
15°	14126.9	13651.5	13249.9	12799.0	12249.9	11663.8	10885.1	10077.8	9372.8	8631.1	7893.4
12.5°	14163.8	13753.9	13315.4	12823.6	12233.5	11606.4	10901.5	10151.5	9422.0	8676.1	7897.5
10°	14278.5	13848.2	13381.0	12835.9	12241.7	11622.8	10946.6	10196.6	9446.6	8696.6	7889.3
7.5°	14319.5	13852.3	13352.3	12803.1	12221.2	11614.6	10954.8	10208.9	9450.7	8692.5	7864.7
5°	14192.5	13770.3	13286.7	12733.5	12163.8	11573.6	10922.0	10192.5	9417.9	8651.5	7803.2
2.5°	14020.3	13680.2	13217.1	12684.3	12106.4	11516.3	10868.7	10118.7	9344.2	8577.8	7725.3
0°	13991.7	13569.5	13102.3	12626.9	12012.2	11389.2	10745.8	9979.4	9208.9	8438.4	7590.1
-2.5°	13803.1	13356.4	12889.2	12372.8	11831.8	11204.8	10528.6	9778.6	9016.3	8258.1	7442.5
-5°	13659.7	13163.8	12667.9	12110.5	11565.4	10938.4	10237.6	9508.1	8762.2	8024.5	7237.6
-7.5°	13467.1	12958.9	12438.4	11856.4	11266.3	10626.9	9934.3	9204.8	8471.2	7737.6	6983.5
-10°	13077.7	12631.0	12143.3	11540.9	10917.9	10278.6	9590.1	8872.9	8139.3	7397.5	6639.3
-12.5°	12606.4	12135.1	11602.3	11049.1	10491.7	9897.4	9208.9	8504.0	7766.3	7020.4	6266.3
-15°	11995.8	11532.7	10987.6	10446.6	9909.7	9340.1	8733.5	8098.3	7348.3	6614.7	5860.6
-17.5°	11233.5	10799.1	10311.4	9795.0	9262.2	8688.4	8098.3	7561.4	6860.6	6172.1	5426.2
-20°	10413.8	10008.1	9569.6	9081.9	8549.1	7987.6	7430.2	6868.8	6262.2	5655.7	4963.1



REPORT NUMBER: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	9561.4	9151.5	8708.9	8254.0	7762.2	7241.7	6725.3	6188.5	5655.7	5106.5	4520.4
-25°	8577.8	8217.1	7811.4	7368.8	6930.3	6475.3	5983.5	5495.8	5040.9	4565.5	4086.0
-27.5°	7549.1	7217.1	6848.3	6463.0	6086.0	5704.9	5278.6	4827.8	4450.8	4057.3	3659.8
-30°	6467.1	6200.8	5901.6	5565.5	5274.5	4967.2	4610.6	4237.7	3893.4	3594.2	3274.6
-32.5°	5442.6	5217.2	5004.0	4782.7	4495.9	4258.2	4012.3	3737.7	3434.4	3151.6	2922.1
-35°	4561.4	4319.6	4229.5	4065.5	3860.6	3651.6	3471.3	3274.6	3045.0	2795.1	2606.5
-37.5°	3819.6	3676.2	3549.1	3459.0	3323.7	3155.7	3012.3	2868.8	2692.6	2504.1	2315.5
-40°	3241.8	3143.4	3004.1	2959.0	2872.9	2758.2	2610.6	2500.0	2381.1	2237.7	2077.8
-42.5°	2778.7	2704.9	2614.7	2536.9	2500.0	2418.0	2303.3	2196.7	2102.4	2004.1	1881.1
-45°	2397.5	2348.3	2291.0	2221.3	2192.6	2127.0	2045.1	1926.2	1872.9	1791.0	1700.8
-47.5°	2090.1	2065.6	2024.6	1979.5	1938.5	1889.3	1815.6	1741.8	1668.0	1614.7	1545.1
-50°	1848.3	1831.9	1807.4	1770.5	1717.2	1684.4	1635.2	1569.7	1500.0	1454.9	1405.7
-52.5°	1655.7	1639.3	1622.9	1594.2	1553.3	1520.5	1479.5	1426.2	1368.8	1323.8	1282.8
-55°	1508.2	1483.6	1471.3	1446.7	1413.9	1377.0	1340.1	1303.3	1254.1	1213.1	1172.1
-57.5°	1393.4	1360.6	1344.2	1323.8	1291.0	1254.1	1225.4	1188.5	1155.7	1110.6	1073.8
-60°	1303.3	1266.4	1233.6	1213.1	1184.4	1147.5	1118.8	1090.2	1057.4	1020.5	975.4
-62.5°	1229.5	1184.4	1139.3	1114.7	1086.1	1053.3	1024.6	995.9	963.1	926.2	885.2
-65°	1159.8	1106.5	1049.2	1024.6	995.9	963.1	926.2	905.7	877.0	844.3	803.3
-67.5°	1073.8	1016.4	967.2	938.5	909.8	881.1	848.4	827.9	799.2	758.2	717.2
-70°	946.7	909.8	877.0	852.4	827.9	803.3	770.5	737.7	704.9	668.0	631.1
-72.5°	786.9	774.6	770.5	758.2	729.5	700.8	668.0	635.2	606.6	577.9	549.2
-75°	635.2	643.4	651.6	647.5	618.8	590.2	561.5	532.8	512.3	487.7	463.1
-77.5°	504.1	512.3	520.5	520.5	500.0	483.6	463.1	442.6	426.2	405.7	381.1
-80°	389.3	401.6	413.9	422.1	405.7	393.4	377.0	360.7	344.3	327.9	311.5
-82.5°	295.1	307.4	319.7	327.9	315.6	307.4	295.1	282.8	270.5	254.1	241.8
-85°	213.1	221.3	229.5	233.6	225.4	217.2	209.0	200.8	192.6	180.3	172.1
-87.5°	122.9	127.0	131.1	135.2	127.0	118.9	114.8	106.6	102.5	94.3	90.2
-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: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

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°	102.5	94.3	86.1	82.0	73.8	61.5	53.3	45.1	36.9	28.7	24.6
85°	217.2	196.7	172.1	159.8	143.4	127.0	110.7	94.3	77.9	61.5	45.1
82.5°	372.9	348.4	323.8	295.1	258.2	213.1	168.0	139.3	114.8	90.2	69.7
80°	561.5	516.4	475.4	438.5	397.5	340.2	278.7	221.3	155.7	118.9	90.2
77.5°	778.7	725.4	668.0	606.6	541.0	463.1	393.4	319.7	241.8	163.9	114.8
75°	1024.6	954.9	877.0	791.0	704.9	602.5	504.1	418.0	327.9	229.5	139.3
72.5°	1299.2	1213.1	1118.8	1004.1	868.8	750.0	631.1	516.4	409.8	291.0	188.5
70°	1651.6	1516.4	1377.0	1254.1	1082.0	893.4	754.1	622.9	487.7	356.6	237.7
67.5°	2028.7	1864.7	1696.7	1516.4	1299.2	1077.9	877.0	729.5	569.7	418.0	282.8
65°	2438.5	2233.6	2020.5	1819.7	1520.5	1258.2	1032.8	832.0	647.5	475.4	327.9
62.5°	2860.6	2618.8	2372.9	2110.6	1766.4	1442.6	1180.3	946.7	721.3	528.7	368.8
60°	3311.4	3028.7	2729.5	2401.6	2000.0	1643.4	1319.7	1065.6	799.2	582.0	413.9
57.5°	3786.8	3479.5	3127.0	2684.4	2241.8	1836.0	1479.5	1172.1	868.8	631.1	446.7
55°	4303.2	3950.8	3565.5	2979.5	2479.5	2028.7	1639.3	1278.7	942.6	672.1	479.5
52.5°	4860.6	4450.8	3963.1	3290.9	2729.5	2225.4	1786.9	1372.9	1012.3	717.2	508.2
50°	5483.5	4967.2	4311.4	3577.8	2946.7	2409.8	1934.4	1475.4	1069.7	766.4	532.8
47.5°	6131.1	5573.7	4622.9	3844.2	3168.0	2590.1	2086.0	1565.6	1127.0	807.4	557.4
45°	6807.3	5995.8	4946.7	4081.9	3360.6	2754.1	2200.8	1647.5	1196.7	844.3	577.9
42.5°	7475.3	6315.5	5229.5	4319.6	3540.9	2901.6	2295.1	1725.4	1254.1	881.1	598.4
40°	7790.9	6557.3	5454.9	4483.6	3692.6	3032.8	2377.0	1795.1	1303.3	905.7	618.8
37.5°	7922.0	6704.8	5602.4	4639.3	3811.4	3102.4	2446.7	1856.5	1344.2	930.3	635.2
35°	7950.7	6758.1	5676.2	4745.9	3909.8	3168.0	2500.0	1901.6	1377.0	954.9	651.6
32.5°	7897.5	6741.7	5696.7	4782.7	3971.3	3217.2	2536.9	1934.4	1401.6	979.5	668.0
30°	7778.6	6655.7	5622.9	4778.6	4016.3	3245.9	2561.4	1959.0	1426.2	995.9	676.2
27.5°	7586.0	6504.0	5528.6	4782.7	4040.9	3258.2	2573.7	1971.3	1442.6	1008.2	692.6
25°	7348.3	6299.1	5532.7	4774.5	4045.0	3262.3	2573.7	1971.3	1446.7	1012.3	704.9
22.5°	7073.7	6299.1	5532.7	4762.2	4020.4	3254.1	2561.4	1963.1	1446.7	1020.5	717.2
20°	7090.1	6303.2	5520.4	4737.7	3983.6	3229.5	2532.8	1942.6	1434.4	1032.8	725.4
17.5°	7102.4	6295.0	5495.8	4704.9	3934.4	3188.5	2495.9	1913.9	1434.4	1045.1	729.5
15°	7102.4	6270.4	5459.0	4655.7	3872.9	3131.1	2442.6	1889.3	1438.5	1049.2	737.7
12.5°	7090.1	6225.3	5401.6	4590.1	3799.1	3061.4	2409.8	1881.1	1438.5	1053.3	737.7
10°	7065.5	6163.9	5327.8	4508.1	3729.5	3036.9	2393.4	1864.7	1430.3	1053.3	737.7
7.5°	7020.4	6090.1	5266.3	4459.0	3688.5	3008.2	2368.8	1840.1	1418.0	1045.1	745.9
5°	6950.7	6049.1	5217.2	4401.6	3631.1	2987.7	2352.4	1819.7	1409.8	1045.1	737.7
2.5°	6860.6	5999.9	5159.8	4327.8	3565.5	2918.0	2299.2	1774.6	1381.1	1028.7	729.5
0°	6713.0	5901.6	5061.4	4225.4	3475.4	2848.3	2245.9	1729.5	1352.4	1012.3	721.3
-2.5°	6577.8	5770.4	4934.4	4118.8	3389.3	2786.9	2204.9	1704.9	1340.1	1008.2	717.2
-5°	6389.3	5590.1	4766.3	3979.5	3274.6	2725.4	2163.9	1676.2	1327.9	1000.0	717.2
-7.5°	6180.3	5401.6	4590.1	3836.0	3159.8	2618.8	2086.0	1631.1	1299.2	983.6	713.1
-10°	5856.5	5118.8	4368.8	3672.1	3036.9	2524.6	2020.5	1590.1	1274.6	967.2	696.7
-12.5°	5512.2	4807.3	4114.7	3471.3	2897.5	2426.2	1946.7	1545.1	1245.9	950.8	688.5
-15°	5147.5	4487.7	3848.3	3262.3	2745.9	2307.4	1868.8	1495.9	1217.2	930.3	676.2
-17.5°	4766.3	4151.6	3573.7	3049.1	2594.2	2184.4	1786.9	1450.8	1184.4	909.8	663.9
-20°	4364.7	3807.3	3295.0	2831.9	2434.4	2061.5	1700.8	1397.5	1147.5	885.2	647.5



REPORT NUMBER: P722029

CATALOG NUMBER: IFLD-S-SA6C-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3967.2	3467.2	3008.2	2618.8	2270.5	1934.4	1614.7	1344.2	1106.5	856.5	635.2
-25°	3614.7	3147.5	2754.1	2413.9	2110.6	1811.5	1524.6	1291.0	1061.5	827.9	618.8
-27.5°	3270.5	2872.9	2504.1	2221.3	1954.9	1692.6	1438.5	1233.6	1016.4	795.1	602.5
-30°	2950.8	2610.6	2307.4	2032.8	1807.4	1586.0	1364.7	1176.2	967.2	762.3	582.0
-32.5°	2659.8	2385.2	2131.1	1868.8	1668.0	1479.5	1295.1	1118.8	918.0	729.5	561.5
-35°	2389.3	2176.2	1954.9	1733.6	1528.7	1381.1	1221.3	1057.4	872.9	692.6	541.0
-37.5°	2147.5	1975.4	1799.2	1610.6	1434.4	1286.9	1151.6	995.9	827.9	659.8	520.5
-40°	1938.5	1799.2	1643.4	1491.8	1344.2	1204.9	1082.0	934.4	782.8	635.2	500.0
-42.5°	1745.9	1639.3	1512.3	1385.2	1254.1	1131.1	1012.3	868.8	737.7	606.6	479.5
-45°	1598.3	1491.8	1389.3	1274.6	1163.9	1057.4	938.5	811.5	696.7	573.8	459.0
-47.5°	1459.0	1364.7	1270.5	1176.2	1086.1	987.7	868.8	762.3	651.6	545.1	442.6
-50°	1336.1	1245.9	1163.9	1082.0	1004.1	909.8	799.2	713.1	614.7	516.4	422.1
-52.5°	1221.3	1143.4	1061.5	995.9	930.3	836.1	745.9	663.9	577.9	483.6	401.6
-55°	1118.8	1045.1	971.3	909.8	848.4	766.4	692.6	622.9	541.0	459.0	381.1
-57.5°	1020.5	959.0	889.3	832.0	770.5	704.9	643.4	577.9	504.1	434.4	360.7
-60°	930.3	872.9	811.5	754.1	700.8	647.5	590.2	536.9	471.3	405.7	340.2
-62.5°	840.2	791.0	737.7	680.3	639.3	590.2	545.1	491.8	438.5	381.1	303.3
-65°	758.2	713.1	663.9	614.7	577.9	541.0	500.0	450.8	405.7	352.5	270.5
-67.5°	676.2	635.2	594.3	553.3	520.5	491.8	450.8	413.9	377.0	319.7	237.7
-70°	598.4	565.6	528.7	495.9	471.3	438.5	409.8	377.0	344.3	278.7	200.8
-72.5°	524.6	491.8	463.1	438.5	418.0	389.3	364.8	340.2	295.1	233.6	168.0
-75°	438.5	418.0	401.6	381.1	360.7	340.2	319.7	291.0	245.9	188.5	131.1
-77.5°	360.7	348.4	336.1	319.7	303.3	286.9	262.3	233.6	196.7	147.5	106.6
-80°	295.1	282.8	274.6	258.2	245.9	229.5	204.9	180.3	143.4	114.8	86.1
-82.5°	225.4	217.2	209.0	200.8	188.5	172.1	147.5	127.0	106.6	86.1	65.6
-85°	159.8	155.7	147.5	139.3	127.0	114.8	98.4	86.1	73.8	57.4	45.1
-87.5°	82.0	77.9	73.8	69.7	65.6	57.4	49.2	41.0	36.9	28.7	20.5
-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: P722029

CATALOG NUMBER: IFLD-S-SA6C-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	16.4	12.3	4.1	0.0
85°	32.8	20.5	8.2	0.0
82.5°	49.2	32.8	12.3	0.0
80°	65.6	41.0	20.5	0.0
77.5°	82.0	49.2	24.6	0.0
75°	98.4	61.5	28.7	0.0
72.5°	110.7	69.7	32.8	0.0
70°	131.1	82.0	36.9	0.0
67.5°	163.9	90.2	41.0	0.0
65°	192.6	98.4	45.1	0.0
62.5°	225.4	106.6	49.2	0.0
60°	254.1	114.8	53.3	0.0
57.5°	282.8	135.2	57.4	0.0
55°	307.4	151.6	61.5	0.0
52.5°	336.1	168.0	65.6	0.0
50°	360.7	184.4	69.7	0.0
47.5°	381.1	200.8	69.7	0.0
45°	397.5	213.1	73.8	0.0
42.5°	409.8	225.4	77.9	0.0
40°	422.1	237.7	82.0	0.0
37.5°	434.4	250.0	82.0	0.0
35°	446.7	262.3	86.1	0.0
32.5°	459.0	274.6	86.1	0.0
30°	467.2	282.8	90.2	0.0
27.5°	479.5	291.0	90.2	0.0
25°	483.6	299.2	94.3	0.0
22.5°	491.8	303.3	94.3	0.0
20°	500.0	311.5	94.3	0.0
17.5°	504.1	315.6	98.4	0.0
15°	504.1	319.7	102.5	0.0
12.5°	508.2	323.8	102.5	0.0
10°	508.2	332.0	98.4	0.0
7.5°	516.4	327.9	98.4	0.0
5°	512.3	327.9	98.4	0.0
2.5°	508.2	323.8	98.4	0.0
0°	504.1	323.8	98.4	0.0
-2.5°	504.1	323.8	98.4	0.0
-5°	504.1	323.8	98.4	0.0
-7.5°	500.0	327.9	98.4	0.0
-10°	491.8	327.9	98.4	0.0
-12.5°	487.7	315.6	98.4	0.0
-15°	483.6	311.5	98.4	0.0
-17.5°	475.4	307.4	94.3	0.0
-20°	467.2	303.3	94.3	0.0



REPORT NUMBER: P722029
 CATALOG NUMBER: IFLD-S-SA6C-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	459.0	295.1	94.3	0.0
-25°	450.8	286.9	90.2	0.0
-27.5°	442.6	278.7	90.2	0.0
-30°	430.3	270.5	86.1	0.0
-32.5°	418.0	262.3	86.1	0.0
-35°	409.8	250.0	82.0	0.0
-37.5°	397.5	237.7	82.0	0.0
-40°	385.2	225.4	77.9	0.0
-42.5°	372.9	213.1	73.8	0.0
-45°	356.6	200.8	73.8	0.0
-47.5°	344.3	188.5	69.7	0.0
-50°	323.8	172.1	65.6	0.0
-52.5°	299.2	155.7	61.5	0.0
-55°	274.6	143.4	57.4	0.0
-57.5°	250.0	127.0	57.4	0.0
-60°	225.4	110.7	53.3	0.0
-62.5°	200.8	102.5	49.2	0.0
-65°	176.2	94.3	45.1	0.0
-67.5°	147.5	82.0	41.0	0.0
-70°	122.9	73.8	36.9	0.0
-72.5°	106.6	65.6	32.8	0.0
-75°	90.2	57.4	28.7	0.0
-77.5°	77.9	49.2	24.6	0.0
-80°	61.5	36.9	16.4	0.0
-82.5°	45.1	28.7	12.3	0.0
-85°	28.7	20.5	8.2	0.0
-87.5°	16.4	8.2	4.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)