

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: P723846

Luminaire Tested: **IFLD-S-SA6A-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723846
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11353.4 lumens	Max Intensity:	267105.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.9 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:	4117.2 lumens	Field Lumens:	6563.6 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

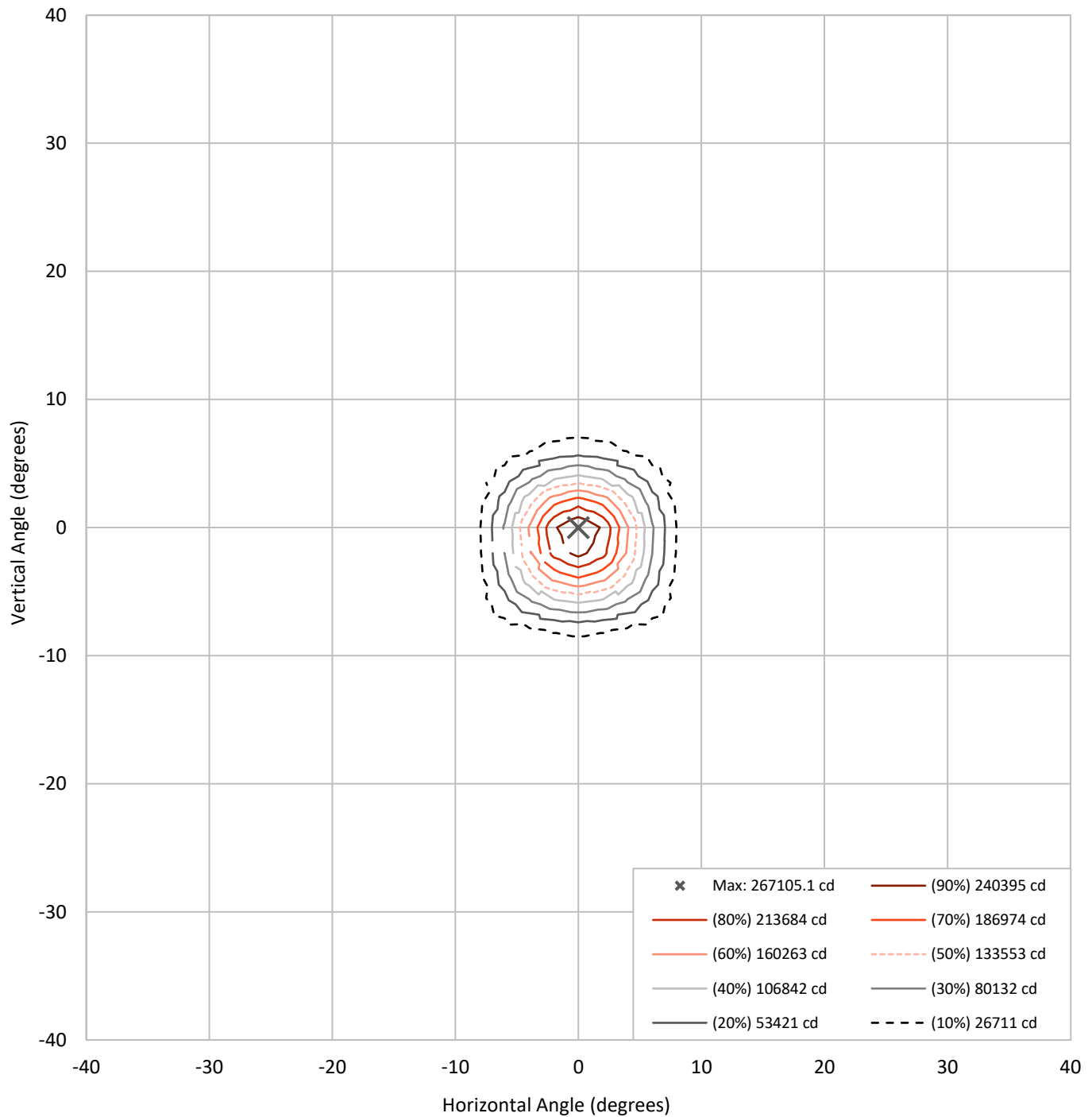
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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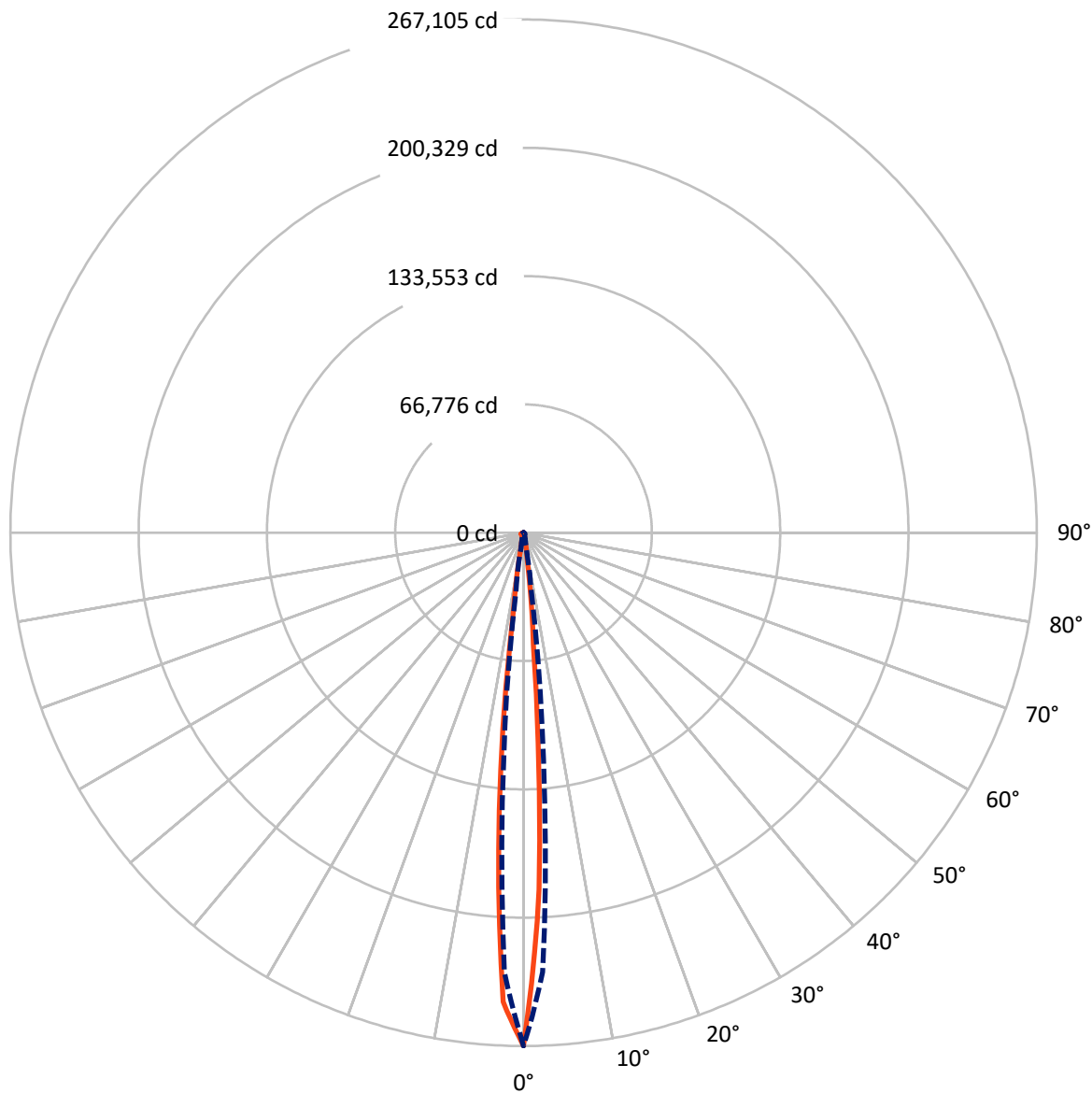
Lumen Table

90																			
80	0.2	2.5		2.7		1.1		0.3		1.1		2.7		2.5		0.2			
70																			
60	0.3	0.6	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.7	0.6	0.3			
50		0.4	0.5	1.3	2.9	4.8	6.1	7.0	7.0	6.1	4.8	2.9	1.3	0.5	0.4				
40	0.3	0.4	1.6	5.2	10.2	14.9	17.9	19.9	19.9	17.9	14.9	10.2	5.2	1.6	0.4	0.3			
30		0.8	3.9	10.6	17.3	20.3	21.9	22.7	22.7	21.9	20.3	17.3	10.6	3.9	0.8				
20	0.5	1.5	6.7	15.5	20.0	20.6	24.3	29.3	29.3	24.3	20.6	20.0	15.5	6.7	1.5	0.5			
10		2.3	9.4	19.0	21.3	24.1	42.3	72.1	72.1	42.3	24.1	21.3	19.0	9.4	2.3				
0	0.8	3.0	11.6	20.9	22.1	29.7	80.4	1490.4	1490.4	80.4	29.7	22.1	20.9	11.6	3.0	0.8			
-10		3.5	12.7	21.9	22.9	30.7	86.6	2173.2	2173.2	86.6	30.7	22.9	21.9	12.7	3.5				
-20	1.1	3.8	13.0	23.1	24.8	27.7	50.4	96.7	96.7	50.4	27.7	24.8	23.1	13.0	3.8	1.1			
-30		3.5	12.4	23.4	27.9	27.9	32.6	39.8	39.8	32.6	27.9	27.9	23.4	12.4	3.5				
-40	1.2	3.1	10.9	22.3	30.7	33.4	34.8	35.1	35.1	34.8	33.4	30.7	22.3	10.9	3.1	1.2			
-50		2.8	8.8	19.0	29.6	35.9	40.3	42.2	42.2	40.3	35.9	29.6	19.0	8.8	2.8				
-60	0.9	2.5	6.8	14.7	25.2	33.8	39.3	41.6	41.6	39.3	33.8	25.2	14.7	6.8	2.5	0.9			
-70		2.3	6.0	12.0	21.0	29.6	35.8	38.7	38.7	35.8	29.6	21.0	12.0	6.0	2.3				
-80	0.4	7.0		20.9		38.7		42.8		38.7		20.9		7.0		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



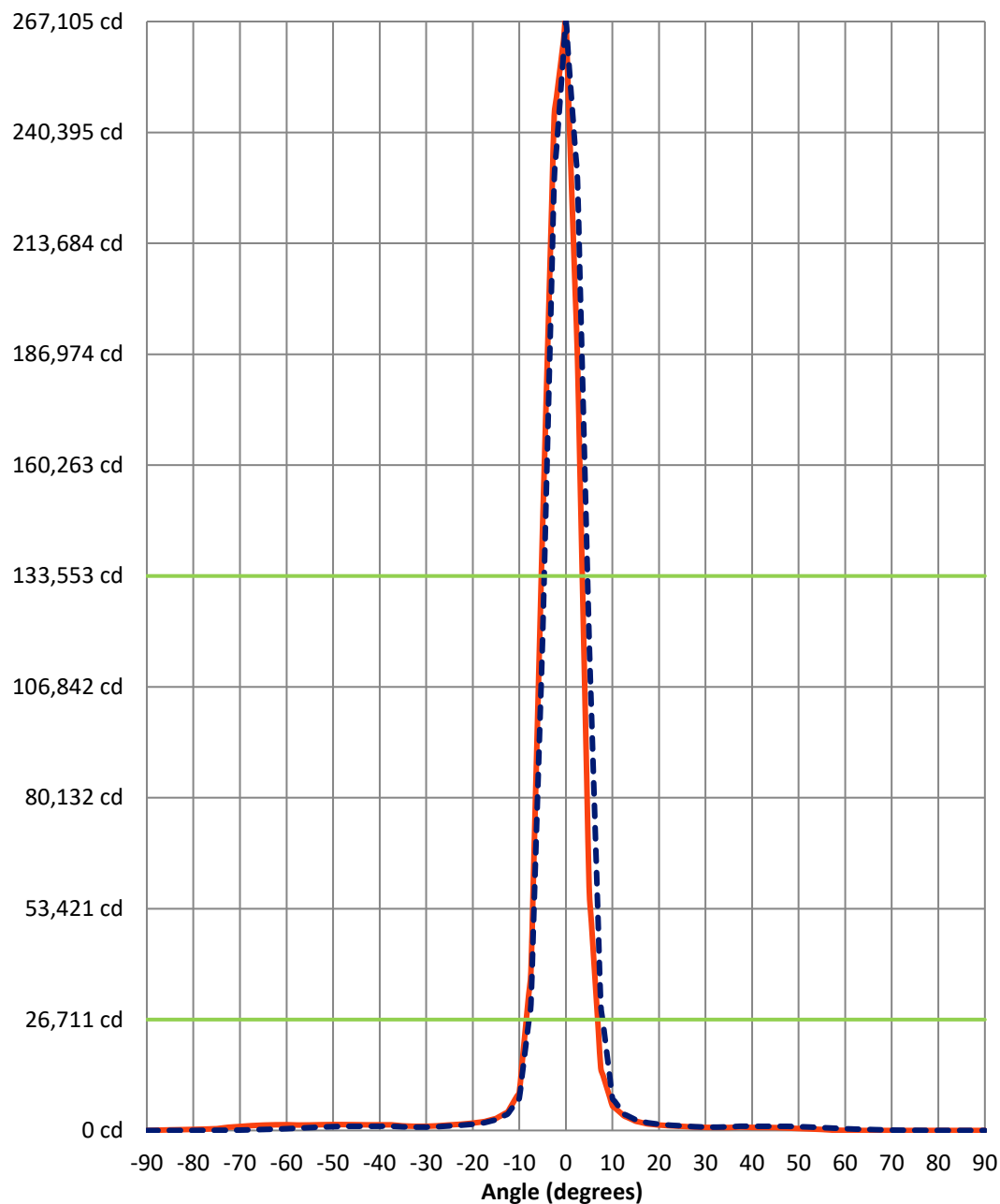
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4117.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6563.6

Efficiency: 57.8%

Spill:

Lumens: 4789.8

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	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
85°	0.0	2.6	2.6	5.2	5.2	5.2	7.9	10.5	13.1	13.1	15.7
82.5°	0.0	2.6	2.6	5.2	5.2	7.9	7.9	13.1	15.7	18.3	23.6
80°	2.6	2.6	2.6	5.2	5.2	7.9	7.9	10.5	13.1	18.3	21.0
77.5°	0.0	2.6	2.6	2.6	5.2	5.2	5.2	7.9	10.5	13.1	15.7
75°	0.0	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.9	7.9	10.5
72.5°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.9	7.9	7.9
70°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.9	7.9	7.9
67.5°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	5.2	7.9	7.9	7.9
65°	0.0	0.0	0.0	2.6	2.6	5.2	5.2	7.9	7.9	7.9	7.9
62.5°	2.6	2.6	2.6	5.2	7.9	7.9	10.5	13.1	13.1	13.1	13.1
60°	26.2	28.8	31.5	31.5	28.8	28.8	31.5	31.5	31.5	31.5	31.5
57.5°	70.8	76.0	78.6	78.6	78.6	76.0	86.5	89.1	78.6	73.4	81.2
55°	246.4	254.2	249.0	241.1	225.4	207.1	201.8	199.2	201.8	188.7	167.7
52.5°	359.1	366.9	364.3	359.1	348.6	335.5	325.0	314.5	304.0	283.1	259.5
50°	466.5	469.1	466.5	461.3	450.8	437.7	416.7	393.1	372.2	366.9	346.0
47.5°	587.1	594.9	594.9	592.3	584.5	560.9	529.4	495.3	479.6	474.4	453.4
45°	694.5	699.8	702.4	705.0	702.4	678.8	650.0	631.6	597.6	587.1	587.1
42.5°	723.4	726.0	728.6	731.2	739.1	720.7	697.2	665.7	657.8	655.2	650.0
40°	733.8	728.6	731.2	733.8	736.5	723.4	705.0	686.7	681.4	676.2	676.2
37.5°	833.4	809.9	791.5	775.8	762.7	749.6	731.2	715.5	702.4	691.9	702.4
35°	710.3	710.3	728.6	744.3	760.1	775.8	778.4	760.1	731.2	718.1	736.5
32.5°	726.0	726.0	726.0	731.2	736.5	749.6	762.7	770.5	791.5	767.9	767.9
30°	741.7	744.3	749.6	752.2	744.3	739.1	733.8	733.8	747.0	781.0	799.4
27.5°	833.4	833.4	825.6	815.1	791.5	754.8	736.5	710.3	712.9	728.6	773.2
25°	982.8	977.6	959.2	933.0	891.1	838.7	788.9	733.8	710.3	702.4	720.7
22.5°	1124.4	1116.5	1092.9	1069.3	1035.3	982.8	899.0	815.1	741.7	710.3	702.4
20°	1305.2	1286.9	1260.6	1224.0	1168.9	1116.5	1043.1	933.0	825.6	744.3	712.9
17.5°	1596.1	1572.5	1522.7	1457.2	1362.9	1281.6	1176.8	1071.9	951.4	820.3	749.6
15°	2233.0	2172.7	2086.2	1905.4	1719.3	1564.7	1407.4	1231.8	1108.6	935.7	828.2
12.5°	3512.0	3346.9	3095.3	2673.3	2256.6	1897.5	1643.3	1417.9	1218.7	1058.8	906.8
10°	5944.2	5590.4	4895.8	3742.6	2974.7	2314.2	1858.2	1556.8	1305.2	1140.1	972.3
7.5°	15033.4	12263.1	8677.8	5925.8	3892.0	2827.9	2125.5	1687.9	1396.9	1192.5	1024.8
5°	58592.6	48266.3	25747.6	10745.6	5855.1	3420.3	2366.7	1792.7	1457.2	1231.8	1064.1
2.5°	185954.6	160584.4	84251.0	23131.9	7189.1	3852.7	2531.8	1858.2	1491.3	1260.6	1092.9
0°	267105.1	228918.8	118241.3	30423.3	7797.1	3962.8	2584.2	1871.3	1496.5	1265.9	1092.9
-2.5°	244355.8	213859.1	114220.9	28310.8	7967.5	3994.2	2626.1	1915.9	1535.8	1289.5	1100.8
-5°	145194.5	127356.8	79677.6	20186.1	7079.0	3708.6	2516.1	1876.6	1509.6	1276.4	1095.5
-7.5°	38254.5	33117.5	21784.8	10533.3	4581.3	3137.2	2311.6	1811.0	1475.6	1252.8	1074.6
-10°	9222.9	8740.7	7807.6	4785.7	3567.0	2620.9	2049.5	1693.1	1407.4	1221.3	1040.5
-12.5°	4447.6	4342.8	3941.8	3249.9	2647.1	2178.0	1855.6	1569.9	1344.5	1166.3	993.3
-15°	2893.5	2833.2	2696.9	2432.2	2125.5	1900.1	1674.7	1444.1	1265.9	1085.0	954.0
-17.5°	2141.3	2138.6	2070.5	1970.9	1818.9	1651.2	1486.0	1339.3	1166.3	1011.7	912.1
-20°	1774.3	1774.3	1735.0	1669.5	1562.0	1452.0	1341.9	1205.6	1064.1	948.8	906.8

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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°	1507.0	1509.6	1488.7	1446.7	1389.1	1297.3	1189.9	1079.8	977.6	935.7	922.6
-25°	1334.0	1328.8	1305.2	1265.9	1205.6	1132.2	1061.5	988.1	959.2	948.8	967.1
-27.5°	1129.6	1137.5	1127.0	1108.6	1069.3	1016.9	1001.2	980.2	985.5	1001.2	1071.9
-30°	1009.0	1016.9	1027.4	1035.3	1022.1	1009.0	1014.3	1030.0	1064.1	1124.4	1150.6
-32.5°	1009.0	1011.7	1027.4	1043.1	1051.0	1061.5	1090.3	1142.7	1192.5	1176.8	1171.5
-35°	1100.8	1092.9	1113.9	1134.8	1163.7	1200.4	1231.8	1221.3	1203.0	1197.7	1203.0
-37.5°	1362.9	1313.1	1292.1	1279.0	1271.1	1265.9	1258.0	1250.2	1242.3	1237.1	1244.9
-40°	1360.2	1347.1	1334.0	1323.5	1315.7	1305.2	1300.0	1297.3	1289.5	1284.2	1279.0
-42.5°	1355.0	1360.2	1360.2	1357.6	1360.2	1357.6	1349.8	1339.3	1326.2	1315.7	1305.2
-45°	1394.3	1396.9	1402.2	1407.4	1415.3	1404.8	1389.1	1370.7	1352.4	1336.7	1323.5
-47.5°	1417.9	1420.5	1425.8	1433.6	1438.9	1428.4	1407.4	1383.8	1355.0	1328.8	1302.6
-50°	1425.8	1433.6	1436.2	1436.2	1433.6	1420.5	1389.1	1355.0	1323.5	1297.3	1273.8
-52.5°	1389.1	1396.9	1399.6	1394.3	1391.7	1378.6	1349.8	1318.3	1284.2	1265.9	1244.9
-55°	1328.8	1339.3	1347.1	1347.1	1347.1	1344.5	1318.3	1289.5	1263.3	1242.3	1221.3
-57.5°	1305.2	1323.5	1339.3	1341.9	1344.5	1347.1	1328.8	1300.0	1268.5	1237.1	1210.8
-60°	1391.7	1407.4	1415.3	1404.8	1396.9	1389.1	1360.2	1326.2	1294.7	1263.3	1213.5
-62.5°	1368.1	1394.3	1407.4	1399.6	1389.1	1376.0	1344.5	1305.2	1268.5	1234.4	1184.6
-65°	1292.1	1315.7	1331.4	1318.3	1302.6	1284.2	1255.4	1218.7	1184.6	1150.6	1106.0
-67.5°	1163.7	1197.7	1224.0	1195.1	1174.2	1150.6	1127.0	1095.5	1061.5	1022.1	980.2
-70°	961.9	988.1	1011.7	1003.8	998.6	993.3	977.6	946.1	917.3	885.9	849.2
-72.5°	773.2	796.7	817.7	804.6	794.1	778.4	754.8	720.7	686.7	652.6	618.5
-75°	427.2	435.1	442.9	440.3	440.3	440.3	440.3	442.9	437.7	429.8	414.1
-77.5°	327.6	338.1	346.0	351.2	359.1	369.5	377.4	364.3	351.2	338.1	322.4
-80°	256.8	267.3	275.2	304.0	325.0	348.6	364.3	346.0	327.6	311.9	298.8
-82.5°	193.9	201.8	209.7	225.4	235.9	249.0	259.5	259.5	256.8	254.2	246.4
-85°	141.5	152.0	162.5	167.7	175.6	175.6	178.2	167.7	157.3	149.4	138.9
-87.5°	81.2	83.9	83.9	83.9	86.5	86.5	86.5	81.2	78.6	73.4	70.8
-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°	2.6	2.6	2.6	5.2	5.2	7.9	7.9	10.5	10.5	13.1	13.1
85°	15.7	15.7	15.7	18.3	18.3	21.0	23.6	26.2	28.8	28.8	31.5
82.5°	26.2	28.8	31.5	34.1	36.7	39.3	41.9	44.6	52.4	57.7	60.3
80°	26.2	28.8	36.7	41.9	47.2	52.4	52.4	52.4	52.4	55.0	60.3
77.5°	18.3	21.0	23.6	28.8	41.9	52.4	60.3	65.5	60.3	57.7	52.4
75°	10.5	13.1	15.7	18.3	26.2	36.7	49.8	62.9	73.4	70.8	65.5
72.5°	10.5	10.5	13.1	15.7	18.3	21.0	23.6	36.7	52.4	65.5	73.4
70°	10.5	13.1	13.1	15.7	18.3	21.0	23.6	28.8	36.7	52.4	68.1
67.5°	10.5	13.1	13.1	18.3	23.6	26.2	28.8	26.2	23.6	34.1	49.8
65°	10.5	10.5	13.1	15.7	18.3	21.0	28.8	28.8	26.2	26.2	26.2
62.5°	15.7	15.7	15.7	15.7	18.3	18.3	18.3	23.6	23.6	23.6	23.6
60°	31.5	28.8	28.8	28.8	28.8	23.6	23.6	23.6	21.0	23.6	21.0
57.5°	76.0	62.9	57.7	57.7	49.8	47.2	39.3	28.8	28.8	23.6	23.6
55°	154.6	146.8	123.2	102.2	91.7	81.2	62.9	52.4	39.3	31.5	28.8
52.5°	238.5	217.5	196.6	170.4	144.1	123.2	104.8	81.2	65.5	47.2	36.7
50°	311.9	293.5	270.0	241.1	207.1	180.8	154.6	123.2	97.0	73.4	52.4
47.5°	424.6	387.9	359.1	325.0	285.7	249.0	214.9	178.2	136.3	107.5	81.2
45°	545.1	492.7	453.4	422.0	369.5	319.7	280.4	241.1	191.3	141.5	110.1
42.5°	629.0	589.7	537.3	495.3	448.2	395.8	343.3	301.4	249.0	191.3	141.5
40°	673.6	647.4	605.4	568.7	518.9	461.3	406.2	364.3	309.3	246.4	178.2
37.5°	707.6	694.5	673.6	644.7	597.6	529.4	474.4	424.6	377.4	304.0	230.6
35°	747.0	744.3	731.2	718.1	678.8	613.3	547.8	490.1	432.4	364.3	283.1
32.5°	783.6	781.0	773.2	767.9	752.2	694.5	623.8	558.2	492.7	422.0	332.9
30°	802.0	796.7	796.7	802.0	786.3	749.6	697.2	626.4	553.0	469.1	385.3
27.5°	802.0	796.7	799.4	807.2	804.6	786.3	747.0	689.3	608.0	513.7	432.4
25°	767.9	794.1	794.1	804.6	807.2	802.0	781.0	744.3	660.5	560.9	469.1
22.5°	720.7	783.6	807.2	804.6	807.2	820.3	823.0	788.9	710.3	608.0	505.8
20°	720.7	765.3	833.4	815.1	820.3	849.2	862.3	833.4	762.7	652.6	542.5
17.5°	736.5	765.3	823.0	851.8	859.7	883.2	904.2	885.9	809.9	699.8	592.3
15°	781.0	775.8	815.1	885.9	899.0	917.3	940.9	919.9	851.8	752.2	639.5
12.5°	812.5	783.6	815.1	891.1	933.0	951.4	959.2	943.5	888.5	799.4	686.7
10°	854.4	804.6	820.3	885.9	946.1	959.2	967.1	961.9	922.6	838.7	728.6
7.5°	885.9	815.1	815.1	878.0	959.2	969.7	975.0	980.2	951.4	872.8	765.3
5°	899.0	815.1	809.9	870.1	972.3	982.8	982.8	990.7	972.3	899.0	791.5
2.5°	901.6	812.5	804.6	864.9	995.9	995.9	990.7	998.6	988.1	914.7	809.9
0°	914.7	809.9	802.0	872.8	1022.1	1011.7	998.6	1001.2	995.9	922.6	820.3
-2.5°	914.7	823.0	812.5	878.0	1019.5	1016.9	1011.7	1014.3	1009.0	946.1	841.3
-5°	927.8	841.3	830.8	901.6	1016.9	1024.8	1027.4	1027.4	1019.5	961.9	854.4
-7.5°	930.4	854.4	851.8	925.2	1022.1	1035.3	1043.1	1048.4	1032.6	972.3	864.9
-10°	917.3	859.7	872.8	954.0	1027.4	1045.7	1061.5	1069.3	1043.1	977.6	870.1
-12.5°	888.5	859.7	893.7	990.7	1040.5	1061.5	1085.0	1087.7	1053.6	980.2	872.8
-15°	885.9	880.6	930.4	1027.4	1048.4	1074.6	1111.3	1103.4	1061.5	980.2	872.8
-17.5°	883.2	909.4	985.5	1040.5	1061.5	1090.3	1119.1	1111.3	1066.7	980.2	867.5
-20°	906.8	956.6	1051.0	1053.6	1077.2	1108.6	1124.4	1108.6	1058.8	972.3	859.7

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CATALOG NUMBER: IFLD-S-SA6A-830-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°	946.1	1040.5	1071.9	1082.4	1103.4	1127.0	1134.8	1111.3	1051.0	959.2	846.5
-25°	1045.7	1092.9	1092.9	1116.5	1137.5	1147.9	1140.1	1113.9	1040.5	946.1	833.4
-27.5°	1121.7	1119.1	1132.2	1155.8	1174.2	1174.2	1153.2	1100.8	1024.8	933.0	815.1
-30°	1150.6	1153.2	1171.5	1197.7	1203.0	1189.9	1158.4	1090.3	1011.7	912.1	791.5
-32.5°	1179.4	1189.9	1213.5	1226.6	1229.2	1203.0	1145.3	1071.9	990.7	888.5	765.3
-35°	1213.5	1234.4	1247.5	1250.2	1237.1	1192.5	1127.0	1048.4	959.2	854.4	741.7
-37.5°	1258.0	1268.5	1276.4	1265.9	1229.2	1176.8	1095.5	1016.9	930.4	817.7	707.6
-40°	1286.9	1292.1	1294.7	1260.6	1216.1	1140.1	1061.5	980.2	880.6	775.8	670.9
-42.5°	1305.2	1300.0	1279.0	1242.3	1176.8	1103.4	1027.4	935.7	836.1	733.8	631.6
-45°	1300.0	1281.6	1250.2	1205.6	1137.5	1064.1	975.0	883.2	788.9	689.3	587.1
-47.5°	1279.0	1250.2	1210.8	1158.4	1095.5	1006.4	917.3	828.2	736.5	639.5	545.1
-50°	1252.8	1218.7	1171.5	1106.0	1022.1	940.9	859.7	773.2	678.8	589.7	505.8
-52.5°	1224.0	1187.3	1127.0	1053.6	961.9	878.0	799.4	715.5	629.0	545.1	471.8
-55°	1192.5	1155.8	1087.7	1003.8	912.1	820.3	744.3	673.6	589.7	508.5	442.9
-57.5°	1176.8	1129.6	1058.8	975.0	878.0	783.6	718.1	642.1	566.1	482.2	419.3
-60°	1163.7	1116.5	1051.0	954.0	862.3	773.2	697.2	623.8	542.5	463.9	401.0
-62.5°	1127.0	1077.2	1016.9	922.6	833.4	752.2	684.1	597.6	518.9	445.6	387.9
-65°	1053.6	1001.2	948.8	864.9	783.6	707.6	639.5	560.9	487.5	424.6	374.8
-67.5°	938.3	893.7	846.5	775.8	707.6	639.5	576.6	508.5	448.2	403.6	377.4
-70°	809.9	762.7	715.5	657.8	600.2	545.1	495.3	445.6	406.2	382.6	361.7
-72.5°	589.7	568.7	545.1	500.6	453.4	419.3	395.8	374.8	346.0	325.0	311.9
-75°	393.1	364.3	327.6	311.9	314.5	309.3	296.2	280.4	267.3	259.5	241.1
-77.5°	306.6	290.9	272.6	254.2	246.4	238.5	228.0	214.9	204.4	186.1	159.9
-80°	283.1	270.0	256.8	243.7	230.6	212.3	191.3	170.4	159.9	152.0	149.4
-82.5°	233.3	217.5	201.8	188.7	170.4	157.3	144.1	133.7	133.7	131.0	128.4
-85°	133.7	128.4	120.6	115.3	110.1	102.2	94.4	89.1	86.5	83.9	81.2
-87.5°	68.1	65.5	60.3	57.7	55.0	52.4	47.2	44.6	41.9	41.9	39.3
-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-830-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°	13.1	13.1	10.5	10.5	10.5	7.9	5.2	5.2	2.6	2.6	0.0
85°	31.5	26.2	23.6	21.0	21.0	15.7	10.5	7.9	5.2	2.6	2.6
82.5°	60.3	52.4	44.6	39.3	31.5	23.6	18.3	13.1	7.9	5.2	2.6
80°	68.1	68.1	65.5	55.0	44.6	34.1	23.6	15.7	10.5	7.9	5.2
77.5°	52.4	57.7	57.7	57.7	55.0	41.9	28.8	18.3	10.5	7.9	5.2
75°	60.3	52.4	49.8	52.4	49.8	41.9	34.1	21.0	13.1	10.5	5.2
72.5°	73.4	62.9	55.0	52.4	47.2	39.3	31.5	23.6	13.1	10.5	7.9
70°	68.1	65.5	60.3	55.0	47.2	39.3	31.5	23.6	15.7	10.5	7.9
67.5°	60.3	60.3	60.3	55.0	47.2	36.7	28.8	21.0	15.7	10.5	7.9
65°	41.9	49.8	55.0	52.4	47.2	36.7	28.8	21.0	15.7	13.1	7.9
62.5°	26.2	34.1	44.6	49.8	44.6	36.7	26.2	21.0	15.7	13.1	7.9
60°	23.6	26.2	31.5	39.3	41.9	34.1	26.2	18.3	15.7	13.1	7.9
57.5°	23.6	23.6	26.2	31.5	34.1	31.5	23.6	15.7	15.7	13.1	10.5
55°	26.2	23.6	23.6	26.2	28.8	28.8	23.6	15.7	15.7	13.1	10.5
52.5°	31.5	26.2	23.6	23.6	23.6	26.2	21.0	15.7	15.7	13.1	10.5
50°	39.3	31.5	28.8	23.6	23.6	23.6	21.0	15.7	13.1	13.1	10.5
47.5°	52.4	41.9	31.5	28.8	23.6	21.0	18.3	15.7	13.1	13.1	10.5
45°	78.6	49.8	41.9	31.5	26.2	23.6	21.0	15.7	13.1	13.1	10.5
42.5°	107.5	73.4	52.4	36.7	28.8	23.6	21.0	18.3	13.1	13.1	10.5
40°	136.3	99.6	65.5	47.2	34.1	26.2	21.0	18.3	15.7	13.1	10.5
37.5°	167.7	123.2	86.5	60.3	39.3	28.8	23.6	18.3	15.7	13.1	10.5
35°	207.1	154.6	107.5	73.4	47.2	34.1	26.2	18.3	15.7	13.1	10.5
32.5°	251.6	183.5	128.4	89.1	60.3	41.9	28.8	21.0	15.7	13.1	10.5
30°	293.5	217.5	152.0	107.5	73.4	47.2	31.5	21.0	15.7	13.1	7.9
27.5°	335.5	251.6	180.8	125.8	89.1	55.0	34.1	23.6	15.7	13.1	10.5
25°	377.4	285.7	209.7	144.1	102.2	65.5	41.9	26.2	15.7	13.1	10.5
22.5°	414.1	319.7	235.9	165.1	117.9	76.0	47.2	28.8	18.3	13.1	10.5
20°	456.0	356.4	264.7	188.7	131.0	86.5	52.4	31.5	18.3	13.1	10.5
17.5°	495.3	393.1	293.5	209.7	146.8	97.0	60.3	34.1	21.0	13.1	10.5
15°	534.7	427.2	319.7	230.6	162.5	107.5	65.5	36.7	23.6	13.1	10.5
12.5°	571.4	458.7	343.3	249.0	175.6	117.9	70.8	39.3	26.2	13.1	10.5
10°	605.4	487.5	366.9	264.7	188.7	125.8	76.0	44.6	28.8	13.1	10.5
7.5°	639.5	511.1	385.3	280.4	204.4	136.3	81.2	47.2	31.5	15.7	10.5
5°	660.5	532.0	401.0	293.5	217.5	146.8	86.5	49.8	34.1	15.7	10.5
2.5°	678.8	547.8	411.5	306.6	230.6	154.6	86.5	52.4	36.7	15.7	10.5
0°	689.3	558.2	419.3	314.5	241.1	159.9	89.1	55.0	39.3	15.7	10.5
-2.5°	712.9	576.6	437.7	325.0	251.6	175.6	94.4	57.7	41.9	18.3	10.5
-5°	728.6	587.1	450.8	335.5	259.5	191.3	102.2	62.9	47.2	23.6	13.1
-7.5°	741.7	597.6	461.3	340.7	267.3	196.6	104.8	65.5	49.8	26.2	13.1
-10°	744.3	602.8	469.1	348.6	272.6	204.4	107.5	68.1	52.4	28.8	13.1
-12.5°	747.0	608.0	471.8	353.8	277.8	209.7	110.1	70.8	55.0	31.5	13.1
-15°	744.3	605.4	471.8	359.1	280.4	204.4	115.3	73.4	57.7	34.1	13.1
-17.5°	739.1	602.8	469.1	356.4	277.8	199.2	117.9	78.6	57.7	36.7	15.7
-20°	731.2	594.9	463.9	353.8	275.2	193.9	120.6	81.2	60.3	36.7	15.7

REPORT NUMBER: P723846

CATALOG NUMBER: IFLD-S-SA6A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	718.1	581.8	453.4	346.0	270.0	188.7	120.6	86.5	62.9	36.7	15.7
-25°	702.4	568.7	442.9	335.5	262.1	180.8	120.6	89.1	65.5	36.7	15.7
-27.5°	684.1	555.6	427.2	327.6	251.6	175.6	120.6	91.7	68.1	36.7	15.7
-30°	663.1	537.3	414.1	314.5	243.7	175.6	123.2	94.4	70.8	36.7	15.7
-32.5°	642.1	518.9	398.4	304.0	233.3	173.0	123.2	97.0	73.4	34.1	18.3
-35°	618.5	498.0	385.3	296.2	225.4	167.7	125.8	97.0	70.8	34.1	18.3
-37.5°	589.7	471.8	372.2	288.3	220.2	162.5	125.8	99.6	68.1	34.1	18.3
-40°	558.2	450.8	356.4	277.8	212.3	159.9	125.8	99.6	65.5	34.1	21.0
-42.5°	524.2	427.2	340.7	267.3	204.4	157.3	125.8	99.6	62.9	34.1	21.0
-45°	492.7	403.6	322.4	254.2	196.6	157.3	125.8	97.0	57.7	36.7	21.0
-47.5°	458.7	377.4	301.4	241.1	193.9	154.6	123.2	91.7	52.4	36.7	21.0
-50°	429.8	351.2	285.7	228.0	188.7	157.3	125.8	83.9	52.4	36.7	21.0
-52.5°	401.0	332.9	267.3	222.8	183.5	159.9	123.2	78.6	52.4	36.7	21.0
-55°	377.4	314.5	256.8	214.9	188.7	165.1	117.9	70.8	52.4	36.7	21.0
-57.5°	359.1	304.0	249.0	217.5	196.6	159.9	110.1	68.1	52.4	34.1	21.0
-60°	346.0	293.5	251.6	228.0	199.2	152.0	104.8	68.1	52.4	34.1	18.3
-62.5°	335.5	296.2	264.7	235.9	188.7	141.5	99.6	68.1	47.2	31.5	18.3
-65°	338.1	306.6	270.0	225.4	180.8	131.0	91.7	65.5	44.6	28.8	18.3
-67.5°	346.0	298.8	254.2	212.3	162.5	117.9	83.9	60.3	41.9	28.8	18.3
-70°	319.7	275.2	230.6	180.8	138.9	102.2	78.6	55.0	36.7	26.2	18.3
-72.5°	288.3	230.6	183.5	146.8	117.9	94.4	70.8	49.8	34.1	23.6	15.7
-75°	209.7	167.7	136.3	123.2	104.8	83.9	62.9	44.6	31.5	23.6	15.7
-77.5°	149.4	138.9	125.8	112.7	94.4	73.4	55.0	41.9	28.8	21.0	13.1
-80°	146.8	133.7	117.9	97.0	78.6	62.9	47.2	36.7	26.2	18.3	10.5
-82.5°	123.2	104.8	89.1	73.4	60.3	49.8	39.3	28.8	21.0	13.1	7.9
-85°	76.0	65.5	57.7	49.8	41.9	34.1	26.2	18.3	13.1	7.9	5.2
-87.5°	36.7	34.1	28.8	23.6	21.0	15.7	13.1	10.5	7.9	5.2	2.6
-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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CATALOG NUMBER: IFLD-S-SA6A-830-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°	2.6	0.0	0.0	0.0
80°	2.6	0.0	0.0	0.0
77.5°	2.6	0.0	0.0	0.0
75°	2.6	2.6	0.0	0.0
72.5°	2.6	2.6	0.0	0.0
70°	5.2	2.6	2.6	0.0
67.5°	5.2	2.6	2.6	0.0
65°	5.2	2.6	2.6	0.0
62.5°	5.2	2.6	2.6	0.0
60°	5.2	2.6	2.6	0.0
57.5°	5.2	2.6	2.6	0.0
55°	5.2	2.6	2.6	0.0
52.5°	5.2	2.6	2.6	0.0
50°	5.2	2.6	2.6	0.0
47.5°	5.2	5.2	2.6	0.0
45°	5.2	5.2	2.6	0.0
42.5°	5.2	5.2	2.6	0.0
40°	5.2	5.2	2.6	0.0
37.5°	5.2	5.2	2.6	0.0
35°	5.2	5.2	2.6	0.0
32.5°	7.9	5.2	2.6	0.0
30°	7.9	5.2	5.2	0.0
27.5°	7.9	5.2	5.2	0.0
25°	7.9	5.2	5.2	0.0
22.5°	7.9	5.2	5.2	0.0
20°	7.9	5.2	5.2	0.0
17.5°	7.9	5.2	5.2	0.0
15°	7.9	5.2	5.2	0.0
12.5°	7.9	5.2	5.2	0.0
10°	7.9	5.2	5.2	0.0
7.5°	7.9	5.2	5.2	0.0
5°	7.9	5.2	5.2	0.0
2.5°	7.9	5.2	5.2	0.0
0°	7.9	5.2	5.2	0.0
-2.5°	7.9	5.2	5.2	0.0
-5°	7.9	5.2	5.2	0.0
-7.5°	7.9	5.2	5.2	0.0
-10°	7.9	5.2	5.2	0.0
-12.5°	10.5	5.2	5.2	0.0
-15°	10.5	5.2	5.2	0.0
-17.5°	10.5	5.2	5.2	0.0
-20°	10.5	5.2	5.2	0.0

REPORT NUMBER: P723846

CATALOG NUMBER: IFLD-S-SA6A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.5	5.2	5.2	0.0
-25°	10.5	5.2	5.2	0.0
-27.5°	10.5	5.2	5.2	0.0
-30°	10.5	5.2	5.2	0.0
-32.5°	10.5	5.2	5.2	0.0
-35°	10.5	5.2	5.2	0.0
-37.5°	10.5	5.2	5.2	0.0
-40°	10.5	5.2	5.2	0.0
-42.5°	7.9	5.2	2.6	0.0
-45°	10.5	5.2	2.6	0.0
-47.5°	10.5	5.2	2.6	0.0
-50°	10.5	5.2	2.6	0.0
-52.5°	10.5	5.2	2.6	0.0
-55°	10.5	5.2	2.6	0.0
-57.5°	10.5	5.2	2.6	0.0
-60°	10.5	5.2	2.6	0.0
-62.5°	10.5	5.2	2.6	0.0
-65°	10.5	5.2	2.6	0.0
-67.5°	10.5	5.2	2.6	0.0
-70°	10.5	2.6	2.6	0.0
-72.5°	7.9	2.6	2.6	0.0
-75°	7.9	2.6	2.6	0.0
-77.5°	5.2	2.6	0.0	0.0
-80°	5.2	2.6	0.0	0.0
-82.5°	5.2	2.6	0.0	0.0
-85°	2.6	0.0	0.0	0.0
-87.5°	2.6	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)