

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: P723824

Luminaire Tested: **IFLD-M-SA4C-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723824
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11064.3 lumens	Max Intensity:	260303.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	50.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	4012.4 lumens	Field Lumens:	6396.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

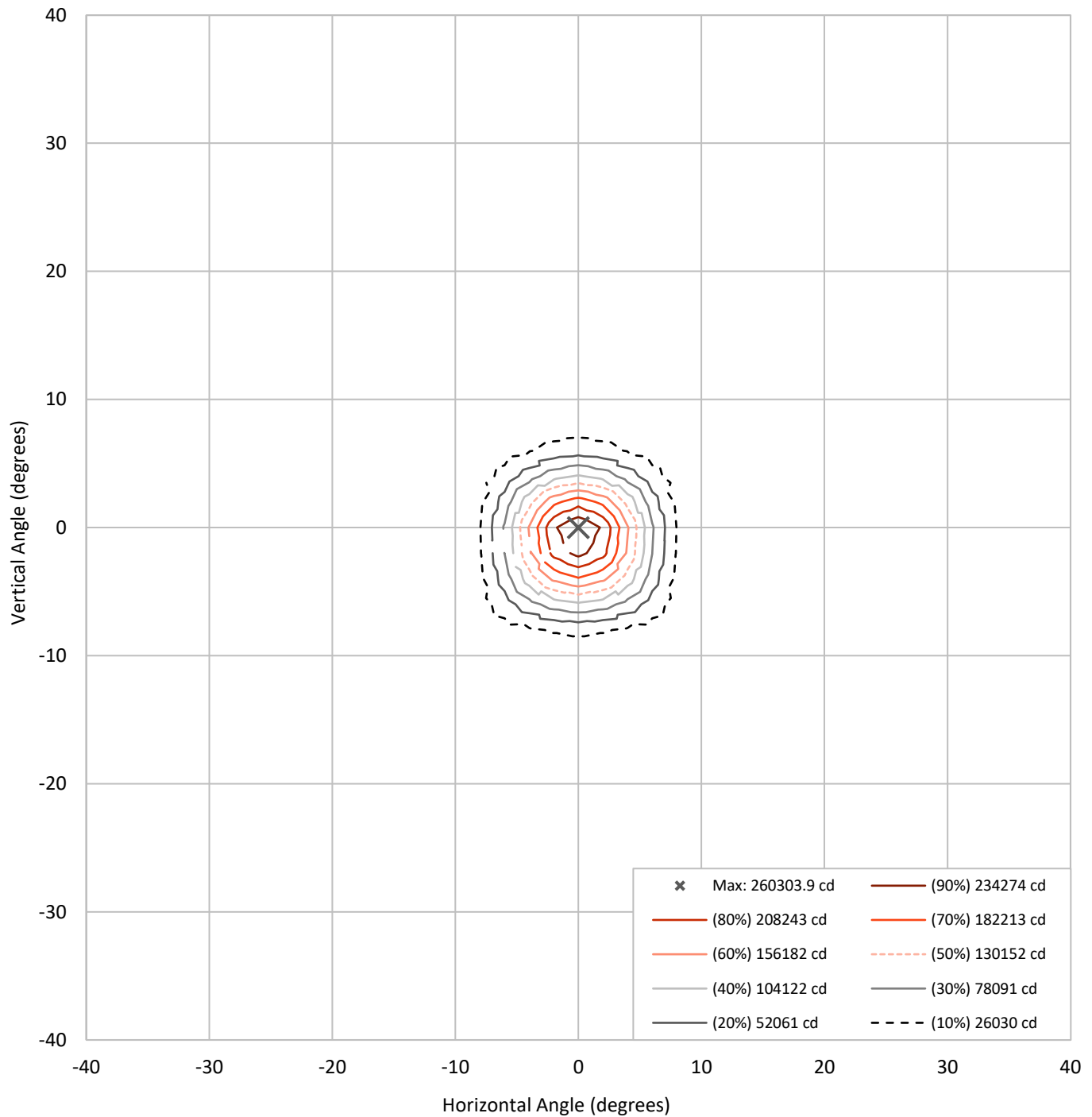
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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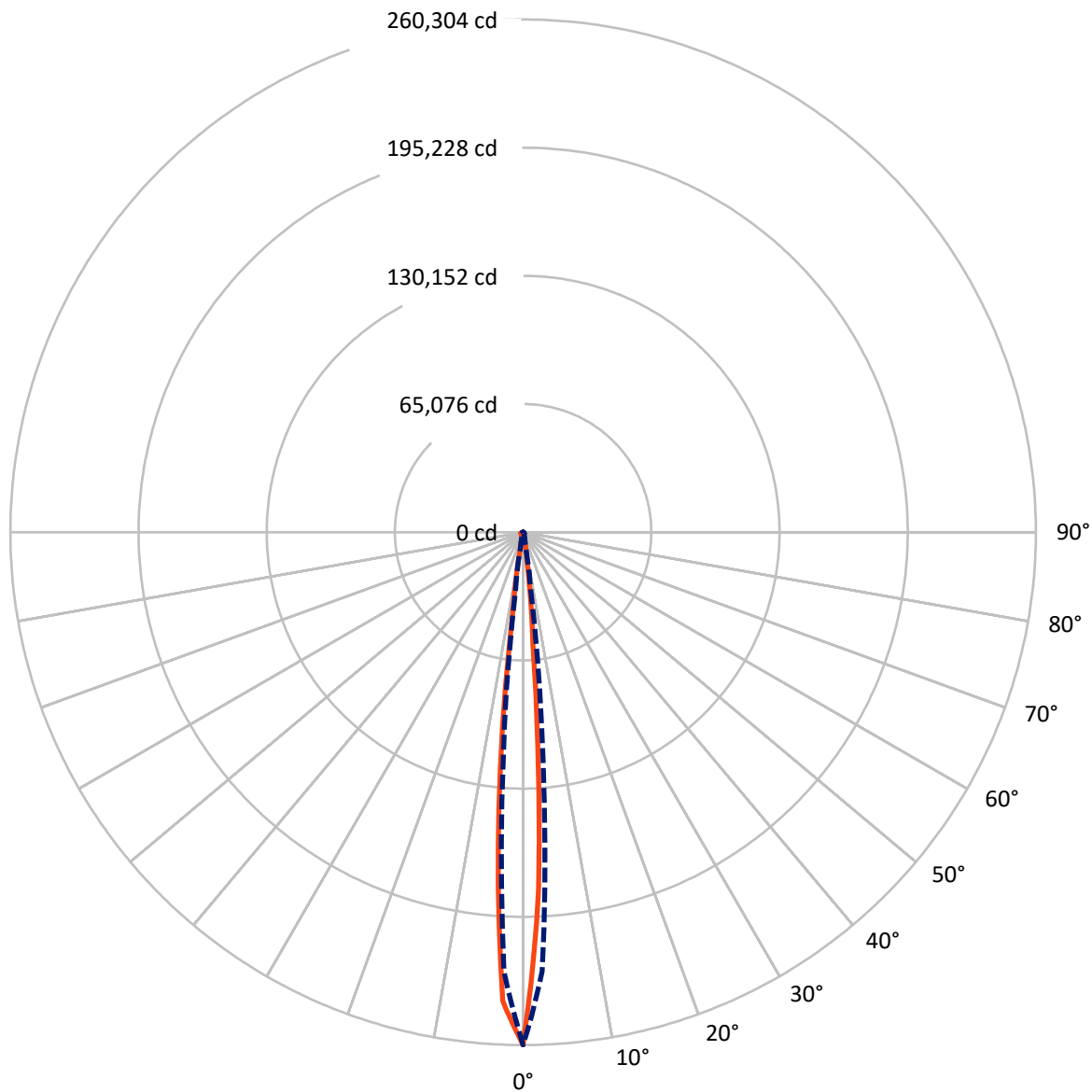
Lumen Table

Vertical Angle (degrees)																
	0.2	2.5		2.7		1.0		0.3		1.0		2.7		2.5		0.2
90																
80	0.2	2.5		2.7		1.0		0.3		1.0		2.7		2.5		0.2
70																
60	0.3	0.6	0.7	0.5	0.4	0.4	0.3	0.2	0.2	0.3	0.4	0.4	0.5	0.7	0.6	0.3
50		0.3	0.5	1.3	2.8	4.7	6.0	6.9	6.9	6.0	4.7	2.8	1.3	0.5	0.3	
40	0.3	0.4	1.5	5.0	9.9	14.5	17.5	19.4	19.4	17.5	14.5	9.9	5.0	1.5	0.4	0.3
30		0.7	3.8	10.3	16.8	19.8	21.3	22.1	22.1	21.3	19.8	16.8	10.3	3.8	0.7	
20	0.4	1.4	6.6	15.1	19.5	20.1	23.7	28.5	28.5	23.7	20.1	19.5	15.1	6.6	1.4	0.4
10		2.2	9.2	18.5	20.8	23.4	41.2	70.2	70.2	41.2	23.4	20.8	18.5	9.2	2.2	
0	0.7	2.9	11.3	20.3	21.6	28.9	78.4	1452.5	1452.5	78.4	28.9	21.6	20.3	11.3	2.9	0.7
-10		3.4	12.4	21.4	22.3	29.9	84.4	2117.8	2117.8	84.4	29.9	22.3	21.4	12.4	3.4	
-20	1.1	3.7	12.7	22.5	24.2	27.0	49.1	94.2	94.2	49.1	27.0	24.2	22.5	12.7	3.7	1.1
-30		3.4	12.0	22.8	27.1	27.2	31.8	38.8	38.8	31.8	27.2	27.1	22.8	12.0	3.4	
-40	1.2	3.1	10.6	21.8	29.9	32.6	33.9	34.2	34.2	33.9	32.6	29.9	21.8	10.6	3.1	1.2
-50		2.7	8.6	18.5	28.8	35.0	39.3	41.2	41.2	39.3	35.0	28.8	18.5	8.6	2.7	
-60	0.9	2.4	6.6	14.3	24.6	33.0	38.3	40.5	40.5	38.3	33.0	24.6	14.3	6.6	2.4	0.9
-70		2.3	5.8	11.7	20.5	28.8	34.9	37.7	37.7	34.9	28.8	20.5	11.7	5.8	2.3	
-80	0.4	6.8		20.4		37.8		41.7		37.8		20.4		6.8		0.4
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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Luminous Intensity Polar Plot



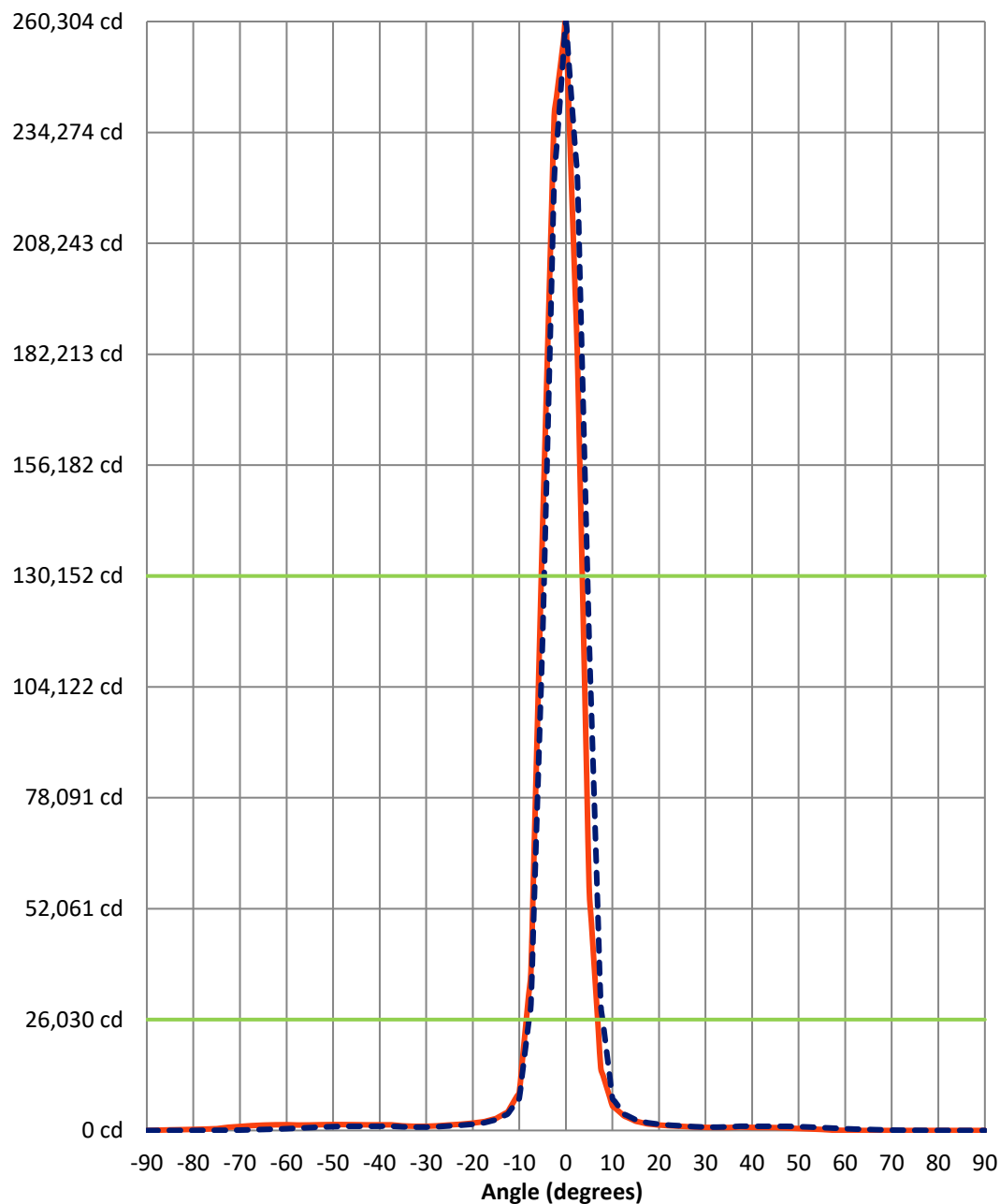
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 4012.4

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 6396.5

Efficiency: 57.8%

Spill:

Lumens: 4667.8

Efficiency: 42.2%

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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	5.1	5.1	5.1	7.7	10.2	12.8	12.8	15.3
82.5°	0.0	2.6	2.6	5.1	5.1	7.7	7.7	12.8	15.3	17.9	23.0
80°	2.6	2.6	2.6	5.1	5.1	7.7	7.7	10.2	12.8	17.9	20.4
77.5°	0.0	2.6	2.6	2.6	5.1	5.1	5.1	7.7	10.2	12.8	15.3
75°	0.0	2.6	2.6	2.6	5.1	5.1	5.1	5.1	7.7	7.7	10.2
72.5°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
70°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
67.5°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	5.1	7.7	7.7	7.7
65°	0.0	0.0	0.0	2.6	2.6	5.1	5.1	7.7	7.7	7.7	7.7
62.5°	2.6	2.6	2.6	5.1	7.7	7.7	10.2	12.8	12.8	12.8	12.8
60°	25.5	28.1	30.6	30.6	28.1	28.1	30.6	30.6	30.6	30.6	30.6
57.5°	69.0	74.1	76.6	76.6	76.6	74.1	84.3	86.8	76.6	71.5	79.2
55°	240.1	247.8	242.6	235.0	219.7	201.8	196.7	194.1	196.7	183.9	163.5
52.5°	349.9	357.6	355.0	349.9	339.7	326.9	316.7	306.5	296.3	275.8	252.9
50°	454.6	457.2	454.6	449.5	439.3	426.5	406.1	383.1	362.7	357.6	337.1
47.5°	572.1	579.8	579.8	577.2	569.6	546.6	515.9	482.7	467.4	462.3	441.9
45°	676.9	682.0	684.5	687.1	684.5	661.5	633.4	615.6	582.3	572.1	572.1
42.5°	704.9	707.5	710.1	712.6	720.3	702.4	679.4	648.8	641.1	638.5	633.4
40°	715.2	710.1	712.6	715.2	717.7	704.9	687.1	669.2	664.1	659.0	659.0
37.5°	812.2	789.2	771.4	756.0	743.3	730.5	712.6	697.3	684.5	674.3	684.5
35°	692.2	692.2	710.1	725.4	740.7	756.0	758.6	740.7	712.6	699.8	717.7
32.5°	707.5	707.5	707.5	712.6	717.7	730.5	743.3	750.9	771.4	748.4	748.4
30°	722.8	725.4	730.5	733.0	725.4	720.3	715.2	715.2	727.9	761.1	779.0
27.5°	812.2	812.2	804.6	794.3	771.4	735.6	717.7	692.2	694.7	710.1	753.5
25°	957.8	952.7	934.8	909.3	868.4	817.3	768.8	715.2	692.2	684.5	702.4
22.5°	1095.7	1088.1	1065.1	1042.1	1008.9	957.8	876.1	794.3	722.8	692.2	684.5
20°	1272.0	1254.1	1228.5	1192.8	1139.2	1088.1	1016.6	909.3	804.6	725.4	694.7
17.5°	1555.5	1532.5	1484.0	1420.1	1328.2	1249.0	1146.8	1044.6	927.2	799.4	730.5
15°	2176.1	2117.4	2033.1	1856.9	1675.5	1524.8	1371.6	1200.5	1080.4	911.8	807.1
12.5°	3422.6	3261.7	3016.5	2605.2	2199.1	1849.2	1601.5	1381.8	1187.7	1031.9	883.7
10°	5792.8	5448.0	4771.2	3647.3	2899.0	2255.3	1810.9	1517.2	1272.0	1111.1	947.6
7.5°	14650.6	11950.9	8456.8	5774.9	3792.9	2755.9	2071.4	1644.9	1361.4	1162.1	998.7
5°	57100.6	47037.3	25092.0	10472.0	5706.0	3333.2	2306.4	1747.0	1420.1	1200.5	1037.0
2.5°	181219.7	156495.5	82105.8	22542.9	7006.0	3754.6	2467.3	1810.9	1453.3	1228.5	1065.1
0°	260303.9	223089.9	115230.6	29648.6	7598.6	3861.9	2518.4	1823.7	1458.4	1233.7	1065.1
-2.5°	238133.8	208413.7	111312.5	27590.0	7764.6	3892.5	2559.3	1867.1	1496.7	1256.6	1072.7
-5°	141497.5	124113.9	77648.8	19672.1	6898.8	3614.1	2452.0	1828.8	1471.2	1243.9	1067.6
-7.5°	37280.4	32274.3	21230.1	10265.1	4464.7	3057.3	2252.8	1764.9	1438.0	1220.9	1047.2
-10°	8988.1	8518.1	7608.8	4663.9	3476.2	2554.2	1997.3	1650.0	1371.6	1190.2	1014.0
-12.5°	4334.4	4232.2	3841.4	3167.1	2579.7	2122.5	1808.3	1529.9	1310.3	1136.6	968.0
-15°	2819.8	2761.0	2628.2	2370.3	2071.4	1851.8	1632.1	1407.3	1233.7	1057.4	929.7
-17.5°	2086.7	2084.2	2017.8	1920.7	1772.6	1609.1	1448.2	1305.2	1136.6	985.9	888.8
-20°	1729.2	1729.2	1690.8	1627.0	1522.3	1415.0	1307.7	1174.9	1037.0	924.6	883.7

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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°	1468.6	1471.2	1450.8	1409.9	1353.7	1264.3	1159.6	1052.3	952.7	911.8	899.1
-25°	1300.1	1295.0	1272.0	1233.7	1174.9	1103.4	1034.4	962.9	934.8	924.6	942.5
-27.5°	1100.8	1108.5	1098.3	1080.4	1042.1	991.0	975.7	955.3	960.4	975.7	1044.6
-30°	983.3	991.0	1001.2	1008.9	996.1	983.3	988.5	1003.8	1037.0	1095.7	1121.3
-32.5°	983.3	985.9	1001.2	1016.6	1024.2	1034.4	1062.5	1113.6	1162.1	1146.8	1141.7
-35°	1072.7	1065.1	1085.5	1105.9	1134.0	1169.8	1200.5	1190.2	1172.4	1167.2	1172.4
-37.5°	1328.2	1279.6	1259.2	1246.4	1238.8	1233.7	1226.0	1218.3	1210.7	1205.6	1213.2
-40°	1325.6	1312.8	1300.1	1289.8	1282.2	1272.0	1266.9	1264.3	1256.6	1251.5	1246.4
-42.5°	1320.5	1325.6	1325.6	1323.1	1325.6	1323.1	1315.4	1305.2	1292.4	1282.2	1272.0
-45°	1358.8	1361.4	1366.5	1371.6	1379.2	1369.0	1353.7	1335.8	1317.9	1302.6	1289.8
-47.5°	1381.8	1384.4	1389.5	1397.1	1402.2	1392.0	1371.6	1348.6	1320.5	1295.0	1269.4
-50°	1389.5	1397.1	1399.7	1399.7	1397.1	1384.4	1353.7	1320.5	1289.8	1264.3	1241.3
-52.5°	1353.7	1361.4	1363.9	1358.8	1356.3	1343.5	1315.4	1284.7	1251.5	1233.7	1213.2
-55°	1295.0	1305.2	1312.8	1312.8	1312.8	1310.3	1284.7	1256.6	1231.1	1210.7	1190.2
-57.5°	1272.0	1289.8	1305.2	1307.7	1310.3	1312.8	1295.0	1266.9	1236.2	1205.6	1180.0
-60°	1356.3	1371.6	1379.2	1369.0	1361.4	1353.7	1325.6	1292.4	1261.8	1231.1	1182.6
-62.5°	1333.3	1358.8	1371.6	1363.9	1353.7	1340.9	1310.3	1272.0	1236.2	1203.0	1154.5
-65°	1259.2	1282.2	1297.5	1284.7	1269.4	1251.5	1223.4	1187.7	1154.5	1121.3	1077.9
-67.5°	1134.0	1167.2	1192.8	1164.7	1144.3	1121.3	1098.3	1067.6	1034.4	996.1	955.3
-70°	937.4	962.9	985.9	978.2	973.1	968.0	952.7	922.0	894.0	863.3	827.5
-72.5°	753.5	776.5	796.9	784.1	773.9	758.6	735.6	702.4	669.2	636.0	602.8
-75°	416.3	424.0	431.7	429.1	429.1	429.1	429.1	431.7	426.5	418.9	403.6
-77.5°	319.3	329.5	337.1	342.3	349.9	360.1	367.8	355.0	342.3	329.5	314.2
-80°	250.3	260.5	268.2	296.3	316.7	339.7	355.0	337.1	319.3	303.9	291.2
-82.5°	189.0	196.7	204.3	219.7	229.9	242.6	252.9	252.9	250.3	247.8	240.1
-85°	137.9	148.1	158.4	163.5	171.1	171.1	173.7	163.5	153.2	145.6	135.4
-87.5°	79.2	81.7	81.7	81.7	84.3	84.3	84.3	79.2	76.6	71.5	69.0
-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	5.1	5.1	7.7	7.7	10.2	10.2	12.8	12.8
85°	15.3	15.3	15.3	17.9	17.9	20.4	23.0	25.5	28.1	28.1	30.6
82.5°	25.5	28.1	30.6	33.2	35.8	38.3	40.9	43.4	51.1	56.2	58.7
80°	25.5	28.1	35.8	40.9	46.0	51.1	51.1	51.1	51.1	53.6	58.7
77.5°	17.9	20.4	23.0	28.1	40.9	51.1	58.7	63.9	58.7	56.2	51.1
75°	10.2	12.8	15.3	17.9	25.5	35.8	48.5	61.3	71.5	69.0	63.9
72.5°	10.2	10.2	12.8	15.3	17.9	20.4	23.0	35.8	51.1	63.9	71.5
70°	10.2	12.8	12.8	15.3	17.9	20.4	23.0	28.1	35.8	51.1	66.4
67.5°	10.2	12.8	12.8	17.9	23.0	25.5	28.1	25.5	23.0	33.2	48.5
65°	10.2	10.2	12.8	15.3	17.9	20.4	28.1	28.1	25.5	25.5	25.5
62.5°	15.3	15.3	15.3	15.3	17.9	17.9	17.9	23.0	23.0	23.0	23.0
60°	30.6	28.1	28.1	28.1	28.1	23.0	23.0	23.0	20.4	23.0	20.4
57.5°	74.1	61.3	56.2	56.2	48.5	46.0	38.3	28.1	28.1	23.0	23.0
55°	150.7	143.0	120.0	99.6	89.4	79.2	61.3	51.1	38.3	30.6	28.1
52.5°	232.4	212.0	191.6	166.0	140.5	120.0	102.2	79.2	63.9	46.0	35.8
50°	303.9	286.1	263.1	235.0	201.8	176.2	150.7	120.0	94.5	71.5	51.1
47.5°	413.8	378.0	349.9	316.7	278.4	242.6	209.4	173.7	132.8	104.7	79.2
45°	531.3	480.2	441.9	411.2	360.1	311.6	273.3	235.0	186.5	137.9	107.3
42.5°	613.0	574.7	523.6	482.7	436.8	385.7	334.6	293.7	242.6	186.5	137.9
40°	656.4	630.9	590.0	554.3	505.7	449.5	395.9	355.0	301.4	240.1	173.7
37.5°	689.6	676.9	656.4	628.3	582.3	515.9	462.3	413.8	367.8	296.3	224.8
35°	727.9	725.4	712.6	699.8	661.5	597.7	533.8	477.6	421.4	355.0	275.8
32.5°	763.7	761.1	753.5	748.4	733.0	676.9	607.9	544.0	480.2	411.2	324.4
30°	781.6	776.5	776.5	781.6	766.2	730.5	679.4	610.4	538.9	457.2	375.5
27.5°	781.6	776.5	779.0	786.7	784.1	766.2	727.9	671.7	592.6	500.6	421.4
25°	748.4	773.9	773.9	784.1	786.7	781.6	761.1	725.4	643.6	546.6	457.2
22.5°	702.4	763.7	786.7	784.1	786.7	799.4	802.0	768.8	692.2	592.6	493.0
20°	702.4	745.8	812.2	794.3	799.4	827.5	840.3	812.2	743.3	636.0	528.7
17.5°	717.7	745.8	802.0	830.1	837.8	860.7	881.2	863.3	789.2	682.0	577.2
15°	761.1	756.0	794.3	863.3	876.1	894.0	916.9	896.5	830.1	733.0	623.2
12.5°	791.8	763.7	794.3	868.4	909.3	927.2	934.8	919.5	865.9	779.0	669.2
10°	832.7	784.1	799.4	863.3	922.0	934.8	942.5	937.4	899.1	817.3	710.1
7.5°	863.3	794.3	794.3	855.6	934.8	945.0	950.1	955.3	927.2	850.5	745.8
5°	876.1	794.3	789.2	848.0	947.6	957.8	957.8	965.5	947.6	876.1	771.4
2.5°	878.6	791.8	784.1	842.9	970.6	970.6	965.5	973.1	962.9	891.4	789.2
0°	891.4	789.2	781.6	850.5	996.1	985.9	973.1	975.7	970.6	899.1	799.4
-2.5°	891.4	802.0	791.8	855.6	993.6	991.0	985.9	988.5	983.3	922.0	819.9
-5°	904.2	819.9	809.7	878.6	991.0	998.7	1001.2	1001.2	993.6	937.4	832.7
-7.5°	906.7	832.7	830.1	901.6	996.1	1008.9	1016.6	1021.7	1006.3	947.6	842.9
-10°	894.0	837.8	850.5	929.7	1001.2	1019.1	1034.4	1042.1	1016.6	952.7	848.0
-12.5°	865.9	837.8	871.0	965.5	1014.0	1034.4	1057.4	1060.0	1026.8	955.3	850.5
-15°	863.3	858.2	906.7	1001.2	1021.7	1047.2	1083.0	1075.3	1034.4	955.3	850.5
-17.5°	860.7	886.3	960.4	1014.0	1034.4	1062.5	1090.6	1083.0	1039.5	955.3	845.4
-20°	883.7	932.3	1024.2	1026.8	1049.8	1080.4	1095.7	1080.4	1031.9	947.6	837.8

REPORT NUMBER: P723824

CATALOG NUMBER: IFLD-M-SA4C-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°	922.0	1014.0	1044.6	1054.9	1075.3	1098.3	1105.9	1083.0	1024.2	934.8	825.0
-25°	1019.1	1065.1	1065.1	1088.1	1108.5	1118.7	1111.1	1085.5	1014.0	922.0	812.2
-27.5°	1093.2	1090.6	1103.4	1126.4	1144.3	1144.3	1123.8	1072.7	998.7	909.3	794.3
-30°	1121.3	1123.8	1141.7	1167.2	1172.4	1159.6	1128.9	1062.5	985.9	888.8	771.4
-32.5°	1149.4	1159.6	1182.6	1195.3	1197.9	1172.4	1116.2	1044.6	965.5	865.9	745.8
-35°	1182.6	1203.0	1215.8	1218.3	1205.6	1162.1	1098.3	1021.7	934.8	832.7	722.8
-37.5°	1226.0	1236.2	1243.9	1233.7	1197.9	1146.8	1067.6	991.0	906.7	796.9	689.6
-40°	1254.1	1259.2	1261.8	1228.5	1185.1	1111.1	1034.4	955.3	858.2	756.0	653.9
-42.5°	1272.0	1266.9	1246.4	1210.7	1146.8	1075.3	1001.2	911.8	814.8	715.2	615.6
-45°	1266.9	1249.0	1218.3	1174.9	1108.5	1037.0	950.1	860.7	768.8	671.7	572.1
-47.5°	1246.4	1218.3	1180.0	1128.9	1067.6	980.8	894.0	807.1	717.7	623.2	531.3
-50°	1220.9	1187.7	1141.7	1077.9	996.1	916.9	837.8	753.5	661.5	574.7	493.0
-52.5°	1192.8	1157.0	1098.3	1026.8	937.4	855.6	779.0	697.3	613.0	531.3	459.7
-55°	1162.1	1126.4	1060.0	978.2	888.8	799.4	725.4	656.4	574.7	495.5	431.7
-57.5°	1146.8	1100.8	1031.9	950.1	855.6	763.7	699.8	625.8	551.7	470.0	408.7
-60°	1134.0	1088.1	1024.2	929.7	840.3	753.5	679.4	607.9	528.7	452.1	390.8
-62.5°	1098.3	1049.8	991.0	899.1	812.2	733.0	666.6	582.3	505.7	434.2	378.0
-65°	1026.8	975.7	924.6	842.9	763.7	689.6	623.2	546.6	475.1	413.8	365.2
-67.5°	914.4	871.0	825.0	756.0	689.6	623.2	561.9	495.5	436.8	393.3	367.8
-70°	789.2	743.3	697.3	641.1	584.9	531.3	482.7	434.2	395.9	372.9	352.5
-72.5°	574.7	554.3	531.3	487.8	441.9	408.7	385.7	365.2	337.1	316.7	303.9
-75°	383.1	355.0	319.3	303.9	306.5	301.4	288.6	273.3	260.5	252.9	235.0
-77.5°	298.8	283.5	265.6	247.8	240.1	232.4	222.2	209.4	199.2	181.3	155.8
-80°	275.8	263.1	250.3	237.5	224.8	206.9	186.5	166.0	155.8	148.1	145.6
-82.5°	227.3	212.0	196.7	183.9	166.0	153.2	140.5	130.3	130.3	127.7	125.2
-85°	130.3	125.2	117.5	112.4	107.3	99.6	91.9	86.8	84.3	81.7	79.2
-87.5°	66.4	63.9	58.7	56.2	53.6	51.1	46.0	43.4	40.9	40.9	38.3
-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: P723824

CATALOG NUMBER: IFLD-M-SA4C-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°	12.8	12.8	10.2	10.2	10.2	7.7	5.1	5.1	2.6	2.6	0.0
85°	30.6	25.5	23.0	20.4	20.4	15.3	10.2	7.7	5.1	2.6	2.6
82.5°	58.7	51.1	43.4	38.3	30.6	23.0	17.9	12.8	7.7	5.1	2.6
80°	66.4	66.4	63.9	53.6	43.4	33.2	23.0	15.3	10.2	7.7	5.1
77.5°	51.1	56.2	56.2	56.2	53.6	40.9	28.1	17.9	10.2	7.7	5.1
75°	58.7	51.1	48.5	51.1	48.5	40.9	33.2	20.4	12.8	10.2	5.1
72.5°	71.5	61.3	53.6	51.1	46.0	38.3	30.6	23.0	12.8	10.2	7.7
70°	66.4	63.9	58.7	53.6	46.0	38.3	30.6	23.0	15.3	10.2	7.7
67.5°	58.7	58.7	58.7	53.6	46.0	35.8	28.1	20.4	15.3	10.2	7.7
65°	40.9	48.5	53.6	51.1	46.0	35.8	28.1	20.4	15.3	12.8	7.7
62.5°	25.5	33.2	43.4	48.5	43.4	35.8	25.5	20.4	15.3	12.8	7.7
60°	23.0	25.5	30.6	38.3	40.9	33.2	25.5	17.9	15.3	12.8	7.7
57.5°	23.0	23.0	25.5	30.6	33.2	30.6	23.0	15.3	15.3	12.8	10.2
55°	25.5	23.0	23.0	25.5	28.1	28.1	23.0	15.3	15.3	12.8	10.2
52.5°	30.6	25.5	23.0	23.0	23.0	25.5	20.4	15.3	15.3	12.8	10.2
50°	38.3	30.6	28.1	23.0	23.0	23.0	20.4	15.3	12.8	12.8	10.2
47.5°	51.1	40.9	30.6	28.1	23.0	20.4	17.9	15.3	12.8	12.8	10.2
45°	76.6	48.5	40.9	30.6	25.5	23.0	20.4	15.3	12.8	12.8	10.2
42.5°	104.7	71.5	51.1	35.8	28.1	23.0	20.4	17.9	12.8	12.8	10.2
40°	132.8	97.1	63.9	46.0	33.2	25.5	20.4	17.9	15.3	12.8	10.2
37.5°	163.5	120.0	84.3	58.7	38.3	28.1	23.0	17.9	15.3	12.8	10.2
35°	201.8	150.7	104.7	71.5	46.0	33.2	25.5	17.9	15.3	12.8	10.2
32.5°	245.2	178.8	125.2	86.8	58.7	40.9	28.1	20.4	15.3	12.8	10.2
30°	286.1	212.0	148.1	104.7	71.5	46.0	30.6	20.4	15.3	12.8	7.7
27.5°	326.9	245.2	176.2	122.6	86.8	53.6	33.2	23.0	15.3	12.8	10.2
25°	367.8	278.4	204.3	140.5	99.6	63.9	40.9	25.5	15.3	12.8	10.2
22.5°	403.6	311.6	229.9	160.9	114.9	74.1	46.0	28.1	17.9	12.8	10.2
20°	444.4	347.4	258.0	183.9	127.7	84.3	51.1	30.6	17.9	12.8	10.2
17.5°	482.7	383.1	286.1	204.3	143.0	94.5	58.7	33.2	20.4	12.8	10.2
15°	521.0	416.3	311.6	224.8	158.4	104.7	63.9	35.8	23.0	12.8	10.2
12.5°	556.8	447.0	334.6	242.6	171.1	114.9	69.0	38.3	25.5	12.8	10.2
10°	590.0	475.1	357.6	258.0	183.9	122.6	74.1	43.4	28.1	12.8	10.2
7.5°	623.2	498.1	375.5	273.3	199.2	132.8	79.2	46.0	30.6	15.3	10.2
5°	643.6	518.5	390.8	286.1	212.0	143.0	84.3	48.5	33.2	15.3	10.2
2.5°	661.5	533.8	401.0	298.8	224.8	150.7	84.3	51.1	35.8	15.3	10.2
0°	671.7	544.0	408.7	306.5	235.0	155.8	86.8	53.6	38.3	15.3	10.2
-2.5°	694.7	561.9	426.5	316.7	245.2	171.1	91.9	56.2	40.9	17.9	10.2
-5°	710.1	572.1	439.3	326.9	252.9	186.5	99.6	61.3	46.0	23.0	12.8
-7.5°	722.8	582.3	449.5	332.0	260.5	191.6	102.2	63.9	48.5	25.5	12.8
-10°	725.4	587.5	457.2	339.7	265.6	199.2	104.7	66.4	51.1	28.1	12.8
-12.5°	727.9	592.6	459.7	344.8	270.7	204.3	107.3	69.0	53.6	30.6	12.8
-15°	725.4	590.0	459.7	349.9	273.3	199.2	112.4	71.5	56.2	33.2	12.8
-17.5°	720.3	587.5	457.2	347.4	270.7	194.1	114.9	76.6	56.2	35.8	15.3
-20°	712.6	579.8	452.1	344.8	268.2	189.0	117.5	79.2	58.7	35.8	15.3

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CATALOG NUMBER: IFLD-M-SA4C-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°	699.8	567.0	441.9	337.1	263.1	183.9	117.5	84.3	61.3	35.8	15.3
-25°	684.5	554.3	431.7	326.9	255.4	176.2	117.5	86.8	63.9	35.8	15.3
-27.5°	666.6	541.5	416.3	319.3	245.2	171.1	117.5	89.4	66.4	35.8	15.3
-30°	646.2	523.6	403.6	306.5	237.5	171.1	120.0	91.9	69.0	35.8	15.3
-32.5°	625.8	505.7	388.2	296.3	227.3	168.6	120.0	94.5	71.5	33.2	17.9
-35°	602.8	485.3	375.5	288.6	219.7	163.5	122.6	94.5	69.0	33.2	17.9
-37.5°	574.7	459.7	362.7	281.0	214.5	158.4	122.6	97.1	66.4	33.2	17.9
-40°	544.0	439.3	347.4	270.7	206.9	155.8	122.6	97.1	63.9	33.2	20.4
-42.5°	510.8	416.3	332.0	260.5	199.2	153.2	122.6	97.1	61.3	33.2	20.4
-45°	480.2	393.3	314.2	247.8	191.6	153.2	122.6	94.5	56.2	35.8	20.4
-47.5°	447.0	367.8	293.7	235.0	189.0	150.7	120.0	89.4	51.1	35.8	20.4
-50°	418.9	342.3	278.4	222.2	183.9	153.2	122.6	81.7	51.1	35.8	20.4
-52.5°	390.8	324.4	260.5	217.1	178.8	155.8	120.0	76.6	51.1	35.8	20.4
-55°	367.8	306.5	250.3	209.4	183.9	160.9	114.9	69.0	51.1	35.8	20.4
-57.5°	349.9	296.3	242.6	212.0	191.6	155.8	107.3	66.4	51.1	33.2	20.4
-60°	337.1	286.1	245.2	222.2	194.1	148.1	102.2	66.4	51.1	33.2	17.9
-62.5°	326.9	288.6	258.0	229.9	183.9	137.9	97.1	66.4	46.0	30.6	17.9
-65°	329.5	298.8	263.1	219.7	176.2	127.7	89.4	63.9	43.4	28.1	17.9
-67.5°	337.1	291.2	247.8	206.9	158.4	114.9	81.7	58.7	40.9	28.1	17.9
-70°	311.6	268.2	224.8	176.2	135.4	99.6	76.6	53.6	35.8	25.5	17.9
-72.5°	281.0	224.8	178.8	143.0	114.9	91.9	69.0	48.5	33.2	23.0	15.3
-75°	204.3	163.5	132.8	120.0	102.2	81.7	61.3	43.4	30.6	23.0	15.3
-77.5°	145.6	135.4	122.6	109.8	91.9	71.5	53.6	40.9	28.1	20.4	12.8
-80°	143.0	130.3	114.9	94.5	76.6	61.3	46.0	35.8	25.5	17.9	10.2
-82.5°	120.0	102.2	86.8	71.5	58.7	48.5	38.3	28.1	20.4	12.8	7.7
-85°	74.1	63.9	56.2	48.5	40.9	33.2	25.5	17.9	12.8	7.7	5.1
-87.5°	35.8	33.2	28.1	23.0	20.4	15.3	12.8	10.2	7.7	5.1	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

REPORT NUMBER: P723824

CATALOG NUMBER: IFLD-M-SA4C-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°	2.6	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°	5.1	2.6	2.6	0.0
67.5°	5.1	2.6	2.6	0.0
65°	5.1	2.6	2.6	0.0
62.5°	5.1	2.6	2.6	0.0
60°	5.1	2.6	2.6	0.0
57.5°	5.1	2.6	2.6	0.0
55°	5.1	2.6	2.6	0.0
52.5°	5.1	2.6	2.6	0.0
50°	5.1	2.6	2.6	0.0
47.5°	5.1	5.1	2.6	0.0
45°	5.1	5.1	2.6	0.0
42.5°	5.1	5.1	2.6	0.0
40°	5.1	5.1	2.6	0.0
37.5°	5.1	5.1	2.6	0.0
35°	5.1	5.1	2.6	0.0
32.5°	7.7	5.1	2.6	0.0
30°	7.7	5.1	5.1	0.0
27.5°	7.7	5.1	5.1	0.0
25°	7.7	5.1	5.1	0.0
22.5°	7.7	5.1	5.1	0.0
20°	7.7	5.1	5.1	0.0
17.5°	7.7	5.1	5.1	0.0
15°	7.7	5.1	5.1	0.0
12.5°	7.7	5.1	5.1	0.0
10°	7.7	5.1	5.1	0.0
7.5°	7.7	5.1	5.1	0.0
5°	7.7	5.1	5.1	0.0
2.5°	7.7	5.1	5.1	0.0
0°	7.7	5.1	5.1	0.0
-2.5°	7.7	5.1	5.1	0.0
-5°	7.7	5.1	5.1	0.0
-7.5°	7.7	5.1	5.1	0.0
-10°	7.7	5.1	5.1	0.0
-12.5°	10.2	5.1	5.1	0.0
-15°	10.2	5.1	5.1	0.0
-17.5°	10.2	5.1	5.1	0.0
-20°	10.2	5.1	5.1	0.0



REPORT NUMBER: P723824

CATALOG NUMBER: IFLD-M-SA4C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	10.2	5.1	5.1	0.0
-25°	10.2	5.1	5.1	0.0
-27.5°	10.2	5.1	5.1	0.0
-30°	10.2	5.1	5.1	0.0
-32.5°	10.2	5.1	5.1	0.0
-35°	10.2	5.1	5.1	0.0
-37.5°	10.2	5.1	5.1	0.0
-40°	10.2	5.1	5.1	0.0
-42.5°	7.7	5.1	2.6	0.0
-45°	10.2	5.1	2.6	0.0
-47.5°	10.2	5.1	2.6	0.0
-50°	10.2	5.1	2.6	0.0
-52.5°	10.2	5.1	2.6	0.0
-55°	10.2	5.1	2.6	0.0
-57.5°	10.2	5.1	2.6	0.0
-60°	10.2	5.1	2.6	0.0
-62.5°	10.2	5.1	2.6	0.0
-65°	10.2	5.1	2.6	0.0
-67.5°	10.2	5.1	2.6	0.0
-70°	10.2	2.6	2.6	0.0
-72.5°	7.7	2.6	2.6	0.0
-75°	7.7	2.6	2.6	0.0
-77.5°	5.1	2.6	0.0	0.0
-80°	5.1	2.6	0.0	0.0
-82.5°	5.1	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)