

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: P723643

Luminaire Tested: **IFLD-S-SA6A-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723643
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11949.2 lumens	Max Intensity:	281122.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.0 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:	4333.3 lumens	Field Lumens:	6908.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

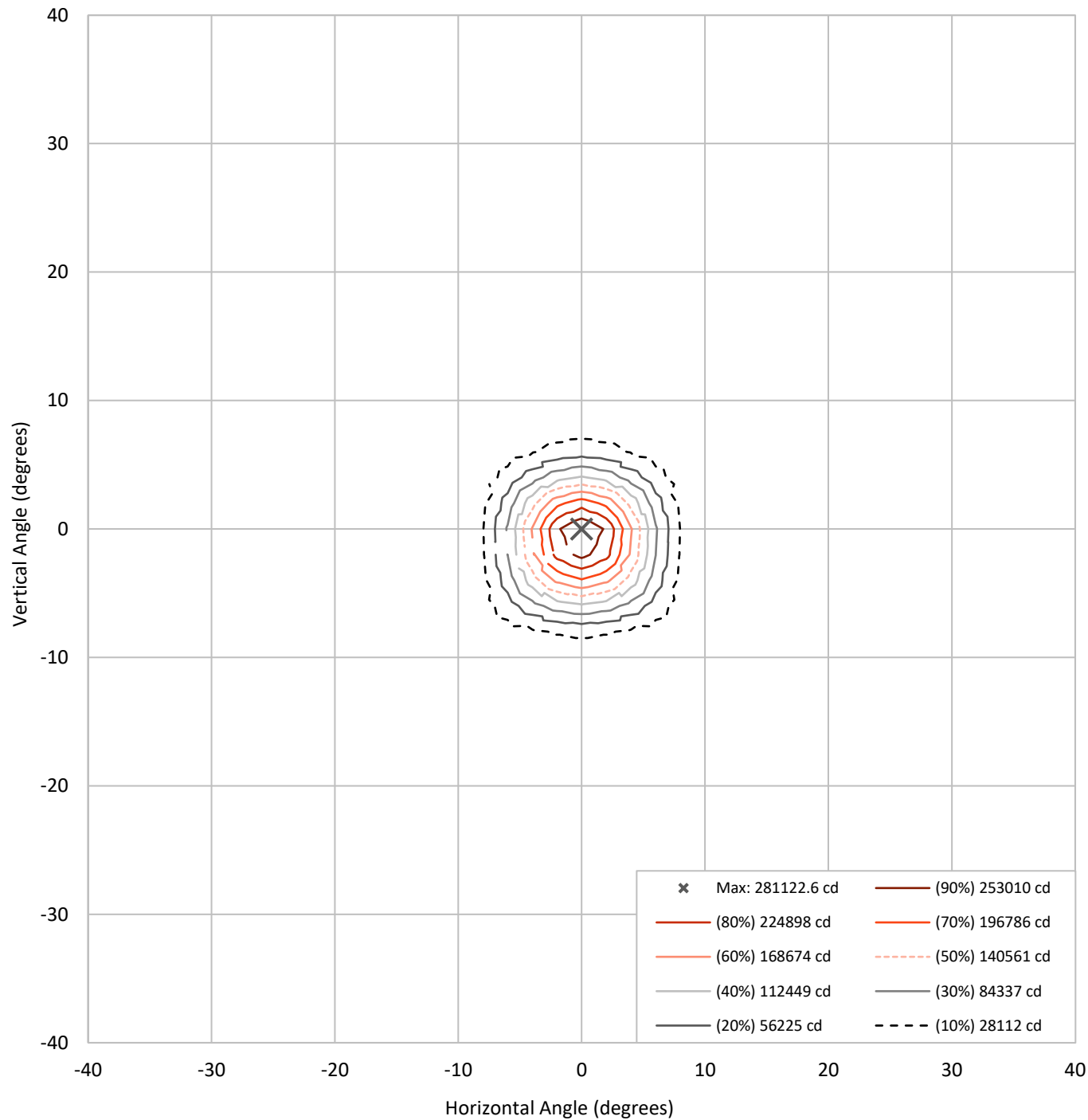
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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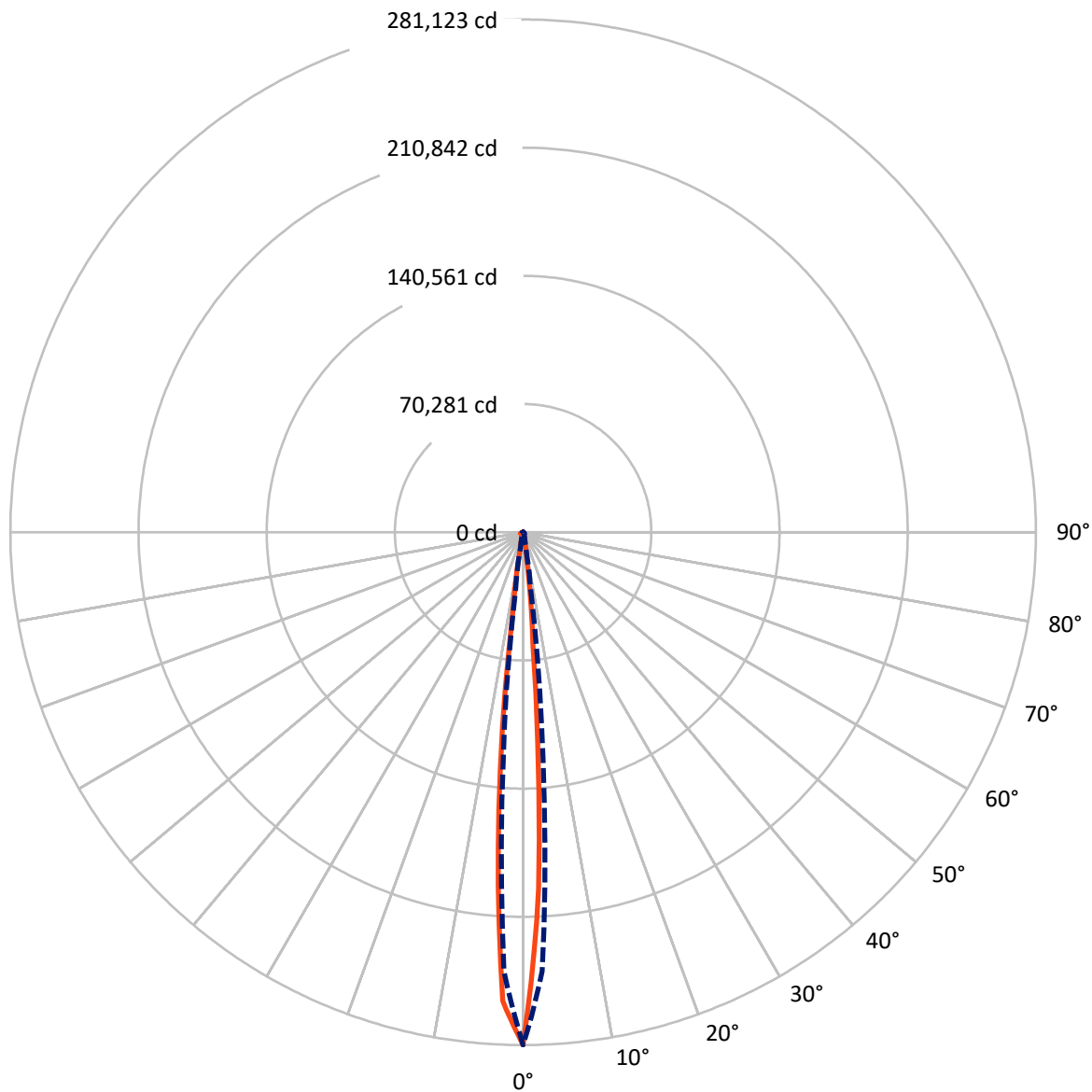
Lumen Table

90																			
80	0.2	2.7		2.9		1.1		0.3		1.1		2.9		2.7		0.2			
70																			
60	0.3	0.6	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.5	0.6	0.8	0.6	0.3			
50		0.4	0.5	1.4	3.1	5.0	6.5	7.4	7.4	6.5	5.0	3.1	1.4	0.5	0.4				
40	0.3	0.4	1.6	5.4	10.7	15.7	18.9	20.9	20.9	18.9	15.7	10.7	5.4	1.6	0.4	0.3			
30		0.8	4.1	11.2	18.2	21.3	23.1	23.9	23.9	23.1	21.3	18.2	11.2	4.1	0.8				
20	0.5	1.6	7.1	16.3	21.1	21.7	25.6	30.8	30.8	25.6	21.7	21.1	16.3	7.1	1.6	0.5			
10		2.4	9.9	20.0	22.5	25.3	44.5	75.8	75.8	44.5	25.3	22.5	20.0	9.9	2.4				
0	0.8	3.2	12.2	22.0	23.3	31.3	84.6	1568.6	1568.6	84.6	31.3	23.3	22.0	12.2	3.2	0.8			
-10		3.7	13.3	23.1	24.1	32.3	91.2	2287.2	2287.2	91.2	32.3	24.1	23.1	13.3	3.7				
-20	1.1	3.9	13.7	24.3	26.1	29.2	53.0	101.7	101.7	53.0	29.2	26.1	24.3	13.7	3.9	1.1			
-30		3.7	13.0	24.6	29.3	29.4	34.3	41.9	41.9	34.3	29.4	29.3	24.6	13.0	3.7				
-40	1.3	3.3	11.5	23.5	32.3	35.2	36.6	36.9	36.9	36.6	35.2	32.3	23.5	11.5	3.3	1.3			
-50		2.9	9.3	20.0	31.1	37.8	42.4	44.4	44.4	42.4	37.8	31.1	20.0	9.3	2.9				
-60	1.0	2.6	7.1	15.5	26.5	35.6	41.4	43.8	43.8	41.4	35.6	26.5	15.5	7.1	2.6	1.0			
-70		2.4	6.3	12.6	22.1	31.1	37.7	40.7	40.7	37.7	31.1	22.1	12.6	6.3	2.4				
-80	0.5	7.4		22.0		40.8		45.0		40.8		22.0		7.4		0.5			
-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



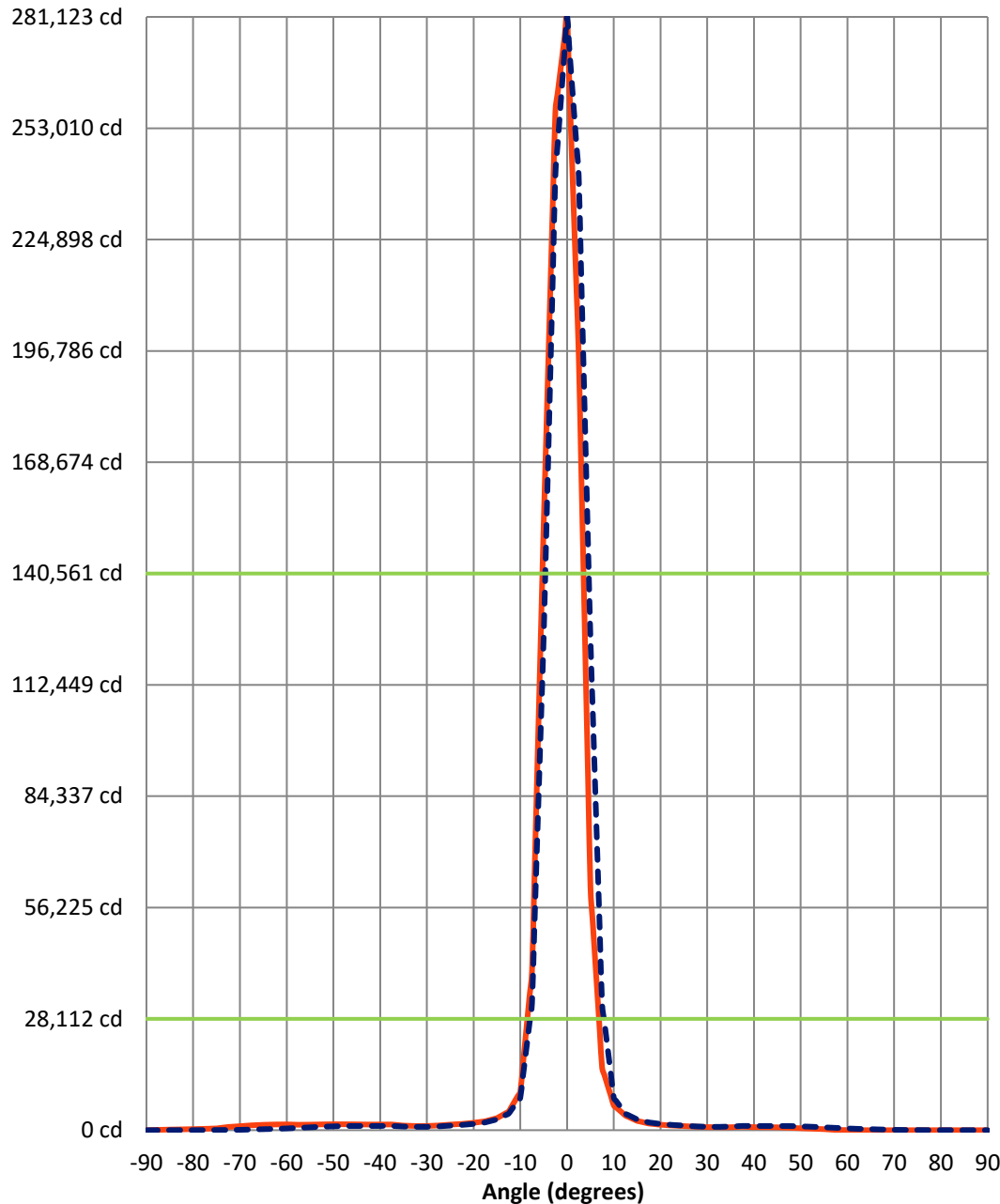
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 4333.3
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 6908.1
Efficiency: 57.8%

Spill:
Lumens: 5041.1
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	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
85°	0.0	2.8	2.8	5.5	5.5	5.5	8.3	11.0	13.8	13.8	16.6
82.5°	0.0	2.8	2.8	5.5	5.5	8.3	8.3	13.8	16.6	19.3	24.8
80°	2.8	2.8	2.8	5.5	5.5	8.3	8.3	11.0	13.8	19.3	22.1
77.5°	0.0	2.8	2.8	2.8	5.5	5.5	5.5	8.3	11.0	13.8	16.6
75°	0.0	2.8	2.8	2.8	5.5	5.5	5.5	5.5	8.3	8.3	11.0
72.5°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
70°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
67.5°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	5.5	8.3	8.3	8.3
65°	0.0	0.0	0.0	2.8	2.8	5.5	5.5	8.3	8.3	8.3	8.3
62.5°	2.8	2.8	2.8	5.5	8.3	8.3	11.0	13.8	13.8	13.8	13.8
60°	27.6	30.3	33.1	33.1	30.3	30.3	33.1	33.1	33.1	33.1	33.1
57.5°	74.5	80.0	82.8	82.8	82.8	80.0	91.0	93.8	82.8	77.2	85.5
55°	259.3	267.6	262.1	253.8	237.2	217.9	212.4	209.6	212.4	198.6	176.5
52.5°	377.9	386.2	383.4	377.9	366.9	353.1	342.0	331.0	320.0	297.9	273.1
50°	491.0	493.8	491.0	485.5	474.4	460.7	438.6	413.8	391.7	386.2	364.1
47.5°	617.9	626.2	626.2	623.4	615.1	590.3	557.2	521.3	504.8	499.3	477.2
45°	731.0	736.5	739.3	742.0	739.3	714.4	684.1	664.8	628.9	617.9	617.9
42.5°	761.3	764.1	766.8	769.6	777.9	758.6	733.7	700.6	692.4	689.6	684.1
40°	772.4	766.8	769.6	772.4	775.1	761.3	742.0	722.7	717.2	711.7	711.7
37.5°	877.2	852.4	833.0	816.5	802.7	788.9	769.6	753.1	739.3	728.2	739.3
35°	747.5	747.5	766.8	783.4	799.9	816.5	819.3	799.9	769.6	755.8	775.1
32.5°	764.1	764.1	764.1	769.6	775.1	788.9	802.7	811.0	833.0	808.2	808.2
30°	780.6	783.4	788.9	791.7	783.4	777.9	772.4	772.4	786.2	822.0	841.3
27.5°	877.2	877.2	868.9	857.9	833.0	794.4	775.1	747.5	750.3	766.8	813.7
25°	1034.4	1028.9	1009.6	982.0	937.9	882.7	830.3	772.4	747.5	739.3	758.6
22.5°	1183.4	1175.1	1150.3	1125.4	1089.6	1034.4	946.1	857.9	780.6	747.5	739.3
20°	1373.7	1354.4	1326.8	1288.2	1230.3	1175.1	1097.9	982.0	868.9	783.4	750.3
17.5°	1679.9	1655.1	1602.6	1533.7	1434.4	1348.9	1238.5	1128.2	1001.3	863.4	788.9
15°	2350.2	2286.7	2195.7	2005.4	1809.5	1646.8	1481.3	1296.5	1166.8	984.8	871.7
12.5°	3696.3	3522.5	3257.7	2813.6	2375.0	1997.1	1729.5	1492.3	1282.7	1114.4	954.4
10°	6256.1	5883.7	5152.7	3939.0	3130.8	2435.7	1955.7	1638.5	1373.7	1199.9	1023.4
7.5°	15822.4	12906.7	9133.2	6236.8	4096.3	2976.3	2237.1	1776.4	1470.2	1255.1	1078.5
5°	61667.4	50799.2	27098.8	11309.6	6162.3	3599.8	2490.9	1886.8	1533.7	1296.5	1119.9
2.5°	195713.3	169011.7	88672.5	24345.9	7566.4	4054.9	2664.6	1955.7	1569.5	1326.8	1150.3
0°	281122.6	240932.2	124446.5	32019.8	8206.3	4170.7	2719.8	1969.5	1575.1	1332.3	1150.3
-2.5°	257179.4	225082.3	120215.1	29796.6	8385.6	4203.8	2763.9	2016.4	1616.4	1357.1	1158.5
-5°	152814.2	134040.4	83859.0	21245.4	7450.5	3903.2	2648.1	1975.0	1588.9	1343.4	1153.0
-7.5°	40262.0	34855.5	22928.1	11086.1	4821.7	3301.8	2432.9	1906.1	1553.0	1318.5	1131.0
-10°	9706.9	9199.4	8217.4	5036.9	3754.2	2758.4	2157.1	1781.9	1481.3	1285.4	1095.1
-12.5°	4681.1	4570.7	4148.7	3420.5	2786.0	2292.3	1953.0	1652.3	1415.1	1227.5	1045.4
-15°	3045.3	2981.9	2838.4	2559.8	2237.1	1999.9	1762.6	1519.9	1332.3	1142.0	1004.1
-17.5°	2253.6	2250.9	2179.2	2074.3	1914.3	1737.8	1564.0	1409.6	1227.5	1064.8	959.9
-20°	1867.5	1867.5	1826.1	1757.1	1644.0	1528.2	1412.3	1268.9	1119.9	998.6	954.4

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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°	1586.1	1588.9	1566.8	1522.7	1462.0	1365.4	1252.3	1136.5	1028.9	984.8	971.0
-25°	1404.0	1398.5	1373.7	1332.3	1268.9	1191.6	1117.2	1039.9	1009.6	998.6	1017.9
-27.5°	1188.9	1197.2	1186.1	1166.8	1125.4	1070.3	1053.7	1031.7	1037.2	1053.7	1128.2
-30°	1062.0	1070.3	1081.3	1089.6	1075.8	1062.0	1067.5	1084.1	1119.9	1183.4	1211.0
-32.5°	1062.0	1064.8	1081.3	1097.9	1106.1	1117.2	1147.5	1202.7	1255.1	1238.5	1233.0
-35°	1158.5	1150.3	1172.3	1194.4	1224.7	1263.4	1296.5	1285.4	1266.1	1260.6	1266.1
-37.5°	1434.4	1382.0	1359.9	1346.1	1337.8	1332.3	1324.0	1315.8	1307.5	1302.0	1310.3
-40°	1431.6	1417.8	1404.0	1393.0	1384.7	1373.7	1368.2	1365.4	1357.1	1351.6	1346.1
-42.5°	1426.1	1431.6	1431.6	1428.9	1431.6	1428.9	1420.6	1409.6	1395.8	1384.7	1373.7
-45°	1467.5	1470.2	1475.8	1481.3	1489.6	1478.5	1462.0	1442.7	1423.3	1406.8	1393.0
-47.5°	1492.3	1495.1	1500.6	1508.9	1514.4	1503.3	1481.3	1456.5	1426.1	1398.5	1370.9
-50°	1500.6	1508.9	1511.6	1511.6	1508.9	1495.1	1462.0	1426.1	1393.0	1365.4	1340.6
-52.5°	1462.0	1470.2	1473.0	1467.5	1464.7	1450.9	1420.6	1387.5	1351.6	1332.3	1310.3
-55°	1398.5	1409.6	1417.8	1417.8	1417.8	1415.1	1387.5	1357.1	1329.6	1307.5	1285.4
-57.5°	1373.7	1393.0	1409.6	1412.3	1415.1	1417.8	1398.5	1368.2	1335.1	1302.0	1274.4
-60°	1464.7	1481.3	1489.6	1478.5	1470.2	1462.0	1431.6	1395.8	1362.7	1329.6	1277.2
-62.5°	1439.9	1467.5	1481.3	1473.0	1462.0	1448.2	1415.1	1373.7	1335.1	1299.2	1246.8
-65°	1359.9	1384.7	1401.3	1387.5	1370.9	1351.6	1321.3	1282.7	1246.8	1211.0	1164.1
-67.5°	1224.7	1260.6	1288.2	1257.8	1235.8	1211.0	1186.1	1153.0	1117.2	1075.8	1031.7
-70°	1012.3	1039.9	1064.8	1056.5	1051.0	1045.4	1028.9	995.8	965.5	932.3	893.7
-72.5°	813.7	838.6	860.6	846.8	835.8	819.3	794.4	758.6	722.7	686.8	651.0
-75°	449.6	457.9	466.2	463.4	463.4	463.4	463.4	466.2	460.7	452.4	435.8
-77.5°	344.8	355.8	364.1	369.6	377.9	388.9	397.2	383.4	369.6	355.8	339.3
-80°	270.3	281.4	289.6	320.0	342.0	366.9	383.4	364.1	344.8	328.3	314.5
-82.5°	204.1	212.4	220.7	237.2	248.3	262.1	273.1	273.1	270.3	267.6	259.3
-85°	149.0	160.0	171.0	176.5	184.8	184.8	187.6	176.5	165.5	157.2	146.2
-87.5°	85.5	88.3	88.3	88.3	91.0	91.0	91.0	85.5	82.8	77.2	74.5
-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°	2.8	2.8	2.8	5.5	5.5	8.3	8.3	11.0	11.0	13.8	13.8
85°	16.6	16.6	16.6	19.3	19.3	22.1	24.8	27.6	30.3	30.3	33.1
82.5°	27.6	30.3	33.1	35.9	38.6	41.4	44.1	46.9	55.2	60.7	63.4
80°	27.6	30.3	38.6	44.1	49.7	55.2	55.2	55.2	55.2	57.9	63.4
77.5°	19.3	22.1	24.8	30.3	44.1	55.2	63.4	69.0	63.4	60.7	55.2
75°	11.0	13.8	16.6	19.3	27.6	38.6	52.4	66.2	77.2	74.5	69.0
72.5°	11.0	11.0	13.8	16.6	19.3	22.1	24.8	38.6	55.2	69.0	77.2
70°	11.0	13.8	13.8	16.6	19.3	22.1	24.8	30.3	38.6	55.2	71.7
67.5°	11.0	13.8	13.8	19.3	24.8	27.6	30.3	27.6	24.8	35.9	52.4
65°	11.0	11.0	13.8	16.6	19.3	22.1	30.3	30.3	27.6	27.6	27.6
62.5°	16.6	16.6	16.6	16.6	19.3	19.3	19.3	24.8	24.8	24.8	24.8
60°	33.1	30.3	30.3	30.3	30.3	24.8	24.8	24.8	22.1	24.8	22.1
57.5°	80.0	66.2	60.7	60.7	52.4	49.7	41.4	30.3	30.3	24.8	24.8
55°	162.7	154.5	129.6	107.6	96.5	85.5	66.2	55.2	41.4	33.1	30.3
52.5°	251.0	228.9	206.9	179.3	151.7	129.6	110.3	85.5	69.0	49.7	38.6
50°	328.3	308.9	284.1	253.8	217.9	190.3	162.7	129.6	102.1	77.2	55.2
47.5°	446.9	408.2	377.9	342.0	300.7	262.1	226.2	187.6	143.4	113.1	85.5
45°	573.8	518.6	477.2	444.1	388.9	336.5	295.2	253.8	201.4	149.0	115.9
42.5°	662.0	620.6	565.5	521.3	471.7	416.5	361.4	317.2	262.1	201.4	149.0
40°	708.9	681.3	637.2	598.6	546.2	485.5	427.6	383.4	325.5	259.3	187.6
37.5°	744.8	731.0	708.9	678.6	628.9	557.2	499.3	446.9	397.2	320.0	242.7
35°	786.2	783.4	769.6	755.8	714.4	645.5	576.5	515.8	455.1	383.4	297.9
32.5°	824.8	822.0	813.7	808.2	791.7	731.0	656.5	587.5	518.6	444.1	350.3
30°	844.1	838.6	838.6	844.1	827.5	788.9	733.7	659.3	582.0	493.8	405.5
27.5°	844.1	838.6	841.3	849.6	846.8	827.5	786.2	725.5	640.0	540.7	455.1
25°	808.2	835.8	835.8	846.8	849.6	844.1	822.0	783.4	695.1	590.3	493.8
22.5°	758.6	824.8	849.6	846.8	849.6	863.4	866.1	830.3	747.5	640.0	532.4
20°	758.6	805.5	877.2	857.9	863.4	893.7	907.5	877.2	802.7	686.8	571.0
17.5°	775.1	805.5	866.1	896.5	904.8	929.6	951.7	932.3	852.4	736.5	623.4
15°	822.0	816.5	857.9	932.3	946.1	965.5	990.3	968.2	896.5	791.7	673.1
12.5°	855.1	824.8	857.9	937.9	982.0	1001.3	1009.6	993.0	935.1	841.3	722.7
10°	899.2	846.8	863.4	932.3	995.8	1009.6	1017.9	1012.3	971.0	882.7	766.8
7.5°	932.3	857.9	857.9	924.1	1009.6	1020.6	1026.1	1031.7	1001.3	918.6	805.5
5°	946.1	857.9	852.4	915.8	1023.4	1034.4	1034.4	1042.7	1023.4	946.1	833.0
2.5°	948.9	855.1	846.8	910.3	1048.2	1048.2	1042.7	1051.0	1039.9	962.7	852.4
0°	962.7	852.4	844.1	918.6	1075.8	1064.8	1051.0	1053.7	1048.2	971.0	863.4
-2.5°	962.7	866.1	855.1	924.1	1073.0	1070.3	1064.8	1067.5	1062.0	995.8	885.5
-5°	976.5	885.5	874.4	948.9	1070.3	1078.5	1081.3	1081.3	1073.0	1012.3	899.2
-7.5°	979.2	899.2	896.5	973.7	1075.8	1089.6	1097.9	1103.4	1086.8	1023.4	910.3
-10°	965.5	904.8	918.6	1004.1	1081.3	1100.6	1117.2	1125.4	1097.9	1028.9	915.8
-12.5°	935.1	904.8	940.6	1042.7	1095.1	1117.2	1142.0	1144.7	1108.9	1031.7	918.6
-15°	932.3	926.8	979.2	1081.3	1103.4	1131.0	1169.6	1161.3	1117.2	1031.7	918.6
-17.5°	929.6	957.2	1037.2	1095.1	1117.2	1147.5	1177.8	1169.6	1122.7	1031.7	913.0
-20°	954.4	1006.8	1106.1	1108.9	1133.7	1166.8	1183.4	1166.8	1114.4	1023.4	904.8

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CATALOG NUMBER: IFLD-S-SA6A-727-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°	995.8	1095.1	1128.2	1139.2	1161.3	1186.1	1194.4	1169.6	1106.1	1009.6	891.0
-25°	1100.6	1150.3	1150.3	1175.1	1197.2	1208.2	1199.9	1172.3	1095.1	995.8	877.2
-27.5°	1180.6	1177.8	1191.6	1216.5	1235.8	1235.8	1213.7	1158.5	1078.5	982.0	857.9
-30°	1211.0	1213.7	1233.0	1260.6	1266.1	1252.3	1219.2	1147.5	1064.8	959.9	833.0
-32.5°	1241.3	1252.3	1277.2	1290.9	1293.7	1266.1	1205.4	1128.2	1042.7	935.1	805.5
-35°	1277.2	1299.2	1313.0	1315.8	1302.0	1255.1	1186.1	1103.4	1009.6	899.2	780.6
-37.5°	1324.0	1335.1	1343.4	1332.3	1293.7	1238.5	1153.0	1070.3	979.2	860.6	744.8
-40°	1354.4	1359.9	1362.7	1326.8	1279.9	1199.9	1117.2	1031.7	926.8	816.5	706.2
-42.5°	1373.7	1368.2	1346.1	1307.5	1238.5	1161.3	1081.3	984.8	879.9	772.4	664.8
-45°	1368.2	1348.9	1315.8	1268.9	1197.2	1119.9	1026.1	929.6	830.3	725.5	617.9
-47.5°	1346.1	1315.8	1274.4	1219.2	1153.0	1059.2	965.5	871.7	775.1	673.1	573.8
-50°	1318.5	1282.7	1233.0	1164.1	1075.8	990.3	904.8	813.7	714.4	620.6	532.4
-52.5°	1288.2	1249.6	1186.1	1108.9	1012.3	924.1	841.3	753.1	662.0	573.8	496.5
-55°	1255.1	1216.5	1144.7	1056.5	959.9	863.4	783.4	708.9	620.6	535.1	466.2
-57.5°	1238.5	1188.9	1114.4	1026.1	924.1	824.8	755.8	675.8	595.8	507.6	441.3
-60°	1224.7	1175.1	1106.1	1004.1	907.5	813.7	733.7	656.5	571.0	488.2	422.0
-62.5°	1186.1	1133.7	1070.3	971.0	877.2	791.7	720.0	628.9	546.2	468.9	408.2
-65°	1108.9	1053.7	998.6	910.3	824.8	744.8	673.1	590.3	513.1	446.9	394.5
-67.5°	987.5	940.6	891.0	816.5	744.8	673.1	606.9	535.1	471.7	424.8	397.2
-70°	852.4	802.7	753.1	692.4	631.7	573.8	521.3	468.9	427.6	402.7	380.7
-72.5°	620.6	598.6	573.8	526.9	477.2	441.3	416.5	394.5	364.1	342.0	328.3
-75°	413.8	383.4	344.8	328.3	331.0	325.5	311.7	295.2	281.4	273.1	253.8
-77.5°	322.7	306.2	286.9	267.6	259.3	251.0	240.0	226.2	215.2	195.8	168.3
-80°	297.9	284.1	270.3	256.5	242.7	223.4	201.4	179.3	168.3	160.0	157.2
-82.5°	245.5	228.9	212.4	198.6	179.3	165.5	151.7	140.7	140.7	137.9	135.2
-85°	140.7	135.2	126.9	121.4	115.9	107.6	99.3	93.8	91.0	88.3	85.5
-87.5°	71.7	69.0	63.4	60.7	57.9	55.2	49.7	46.9	44.1	44.1	41.4
-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: P723643

CATALOG NUMBER: IFLD-S-SA6A-727-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°	13.8	13.8	11.0	11.0	11.0	8.3	5.5	5.5	2.8	2.8	0.0
85°	33.1	27.6	24.8	22.1	22.1	16.6	11.0	8.3	5.5	2.8	2.8
82.5°	63.4	55.2	46.9	41.4	33.1	24.8	19.3	13.8	8.3	5.5	2.8
80°	71.7	71.7	69.0	57.9	46.9	35.9	24.8	16.6	11.0	8.3	5.5
77.5°	55.2	60.7	60.7	60.7	57.9	44.1	30.3	19.3	11.0	8.3	5.5
75°	63.4	55.2	52.4	55.2	52.4	44.1	35.9	22.1	13.8	11.0	5.5
72.5°	77.2	66.2	57.9	55.2	49.7	41.4	33.1	24.8	13.8	11.0	8.3
70°	71.7	69.0	63.4	57.9	49.7	41.4	33.1	24.8	16.6	11.0	8.3
67.5°	63.4	63.4	63.4	57.9	49.7	38.6	30.3	22.1	16.6	11.0	8.3
65°	44.1	52.4	57.9	55.2	49.7	38.6	30.3	22.1	16.6	13.8	8.3
62.5°	27.6	35.9	46.9	52.4	46.9	38.6	27.6	22.1	16.6	13.8	8.3
60°	24.8	27.6	33.1	41.4	44.1	35.9	27.6	19.3	16.6	13.8	8.3
57.5°	24.8	24.8	27.6	33.1	35.9	33.1	24.8	16.6	16.6	13.8	11.0
55°	27.6	24.8	24.8	27.6	30.3	30.3	24.8	16.6	16.6	13.8	11.0
52.5°	33.1	27.6	24.8	24.8	24.8	27.6	22.1	16.6	16.6	13.8	11.0
50°	41.4	33.1	30.3	24.8	24.8	24.8	22.1	16.6	13.8	13.8	11.0
47.5°	55.2	44.1	33.1	30.3	24.8	22.1	19.3	16.6	13.8	13.8	11.0
45°	82.8	52.4	44.1	33.1	27.6	24.8	22.1	16.6	13.8	13.8	11.0
42.5°	113.1	77.2	55.2	38.6	30.3	24.8	22.1	19.3	13.8	13.8	11.0
40°	143.4	104.8	69.0	49.7	35.9	27.6	22.1	19.3	16.6	13.8	11.0
37.5°	176.5	129.6	91.0	63.4	41.4	30.3	24.8	19.3	16.6	13.8	11.0
35°	217.9	162.7	113.1	77.2	49.7	35.9	27.6	19.3	16.6	13.8	11.0
32.5°	264.8	193.1	135.2	93.8	63.4	44.1	30.3	22.1	16.6	13.8	11.0
30°	308.9	228.9	160.0	113.1	77.2	49.7	33.1	22.1	16.6	13.8	8.3
27.5°	353.1	264.8	190.3	132.4	93.8	57.9	35.9	24.8	16.6	13.8	11.0
25°	397.2	300.7	220.7	151.7	107.6	69.0	44.1	27.6	16.6	13.8	11.0
22.5°	435.8	336.5	248.3	173.8	124.1	80.0	49.7	30.3	19.3	13.8	11.0
20°	480.0	375.1	278.6	198.6	137.9	91.0	55.2	33.1	19.3	13.8	11.0
17.5°	521.3	413.8	308.9	220.7	154.5	102.1	63.4	35.9	22.1	13.8	11.0
15°	562.7	449.6	336.5	242.7	171.0	113.1	69.0	38.6	24.8	13.8	11.0
12.5°	601.3	482.7	361.4	262.1	184.8	124.1	74.5	41.4	27.6	13.8	11.0
10°	637.2	513.1	386.2	278.6	198.6	132.4	80.0	46.9	30.3	13.8	11.0
7.5°	673.1	537.9	405.5	295.2	215.2	143.4	85.5	49.7	33.1	16.6	11.0
5°	695.1	560.0	422.0	308.9	228.9	154.5	91.0	52.4	35.9	16.6	11.0
2.5°	714.4	576.5	433.1	322.7	242.7	162.7	91.0	55.2	38.6	16.6	11.0
0°	725.5	587.5	441.3	331.0	253.8	168.3	93.8	57.9	41.4	16.6	11.0
-2.5°	750.3	606.9	460.7	342.0	264.8	184.8	99.3	60.7	44.1	19.3	11.0
-5°	766.8	617.9	474.4	353.1	273.1	201.4	107.6	66.2	49.7	24.8	13.8
-7.5°	780.6	628.9	485.5	358.6	281.4	206.9	110.3	69.0	52.4	27.6	13.8
-10°	783.4	634.4	493.8	366.9	286.9	215.2	113.1	71.7	55.2	30.3	13.8
-12.5°	786.2	640.0	496.5	372.4	292.4	220.7	115.9	74.5	57.9	33.1	13.8
-15°	783.4	637.2	496.5	377.9	295.2	215.2	121.4	77.2	60.7	35.9	13.8
-17.5°	777.9	634.4	493.8	375.1	292.4	209.6	124.1	82.8	60.7	38.6	16.6
-20°	769.6	626.2	488.2	372.4	289.6	204.1	126.9	85.5	63.4	38.6	16.6

REPORT NUMBER: P723643

CATALOG NUMBER: IFLD-S-SA6A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	755.8	612.4	477.2	364.1	284.1	198.6	126.9	91.0	66.2	38.6	16.6
-25°	739.3	598.6	466.2	353.1	275.8	190.3	126.9	93.8	69.0	38.6	16.6
-27.5°	720.0	584.8	449.6	344.8	264.8	184.8	126.9	96.5	71.7	38.6	16.6
-30°	697.9	565.5	435.8	331.0	256.5	184.8	129.6	99.3	74.5	38.6	16.6
-32.5°	675.8	546.2	419.3	320.0	245.5	182.1	129.6	102.1	77.2	35.9	19.3
-35°	651.0	524.1	405.5	311.7	237.2	176.5	132.4	102.1	74.5	35.9	19.3
-37.5°	620.6	496.5	391.7	303.4	231.7	171.0	132.4	104.8	71.7	35.9	19.3
-40°	587.5	474.4	375.1	292.4	223.4	168.3	132.4	104.8	69.0	35.9	22.1
-42.5°	551.7	449.6	358.6	281.4	215.2	165.5	132.4	104.8	66.2	35.9	22.1
-45°	518.6	424.8	339.3	267.6	206.9	165.5	132.4	102.1	60.7	38.6	22.1
-47.5°	482.7	397.2	317.2	253.8	204.1	162.7	129.6	96.5	55.2	38.6	22.1
-50°	452.4	369.6	300.7	240.0	198.6	165.5	132.4	88.3	55.2	38.6	22.1
-52.5°	422.0	350.3	281.4	234.5	193.1	168.3	129.6	82.8	55.2	38.6	22.1
-55°	397.2	331.0	270.3	226.2	198.6	173.8	124.1	74.5	55.2	38.6	22.1
-57.5°	377.9	320.0	262.1	228.9	206.9	168.3	115.9	71.7	55.2	35.9	22.1
-60°	364.1	308.9	264.8	240.0	209.6	160.0	110.3	71.7	55.2	35.9	19.3
-62.5°	353.1	311.7	278.6	248.3	198.6	149.0	104.8	71.7	49.7	33.1	19.3
-65°	355.8	322.7	284.1	237.2	190.3	137.9	96.5	69.0	46.9	30.3	19.3
-67.5°	364.1	314.5	267.6	223.4	171.0	124.1	88.3	63.4	44.1	30.3	19.3
-70°	336.5	289.6	242.7	190.3	146.2	107.6	82.8	57.9	38.6	27.6	19.3
-72.5°	303.4	242.7	193.1	154.5	124.1	99.3	74.5	52.4	35.9	24.8	16.6
-75°	220.7	176.5	143.4	129.6	110.3	88.3	66.2	46.9	33.1	24.8	16.6
-77.5°	157.2	146.2	132.4	118.6	99.3	77.2	57.9	44.1	30.3	22.1	13.8
-80°	154.5	140.7	124.1	102.1	82.8	66.2	49.7	38.6	27.6	19.3	11.0
-82.5°	129.6	110.3	93.8	77.2	63.4	52.4	41.4	30.3	22.1	13.8	8.3
-85°	80.0	69.0	60.7	52.4	44.1	35.9	27.6	19.3	13.8	8.3	5.5
-87.5°	38.6	35.9	30.3	24.8	22.1	16.6	13.8	11.0	8.3	5.5	2.8
-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: P723643

CATALOG NUMBER: IFLD-S-SA6A-727-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°	2.8	0.0	0.0	0.0
80°	2.8	0.0	0.0	0.0
77.5°	2.8	0.0	0.0	0.0
75°	2.8	2.8	0.0	0.0
72.5°	2.8	2.8	0.0	0.0
70°	5.5	2.8	2.8	0.0
67.5°	5.5	2.8	2.8	0.0
65°	5.5	2.8	2.8	0.0
62.5°	5.5	2.8	2.8	0.0
60°	5.5	2.8	2.8	0.0
57.5°	5.5	2.8	2.8	0.0
55°	5.5	2.8	2.8	0.0
52.5°	5.5	2.8	2.8	0.0
50°	5.5	2.8	2.8	0.0
47.5°	5.5	5.5	2.8	0.0
45°	5.5	5.5	2.8	0.0
42.5°	5.5	5.5	2.8	0.0
40°	5.5	5.5	2.8	0.0
37.5°	5.5	5.5	2.8	0.0
35°	5.5	5.5	2.8	0.0
32.5°	8.3	5.5	2.8	0.0
30°	8.3	5.5	5.5	0.0
27.5°	8.3	5.5	5.5	0.0
25°	8.3	5.5	5.5	0.0
22.5°	8.3	5.5	5.5	0.0
20°	8.3	5.5	5.5	0.0
17.5°	8.3	5.5	5.5	0.0
15°	8.3	5.5	5.5	0.0
12.5°	8.3	5.5	5.5	0.0
10°	8.3	5.5	5.5	0.0
7.5°	8.3	5.5	5.5	0.0
5°	8.3	5.5	5.5	0.0
2.5°	8.3	5.5	5.5	0.0
0°	8.3	5.5	5.5	0.0
-2.5°	8.3	5.5	5.5	0.0
-5°	8.3	5.5	5.5	0.0
-7.5°	8.3	5.5	5.5	0.0
-10°	8.3	5.5	5.5	0.0
-12.5°	11.0	5.5	5.5	0.0
-15°	11.0	5.5	5.5	0.0
-17.5°	11.0	5.5	5.5	0.0
-20°	11.0	5.5	5.5	0.0

REPORT NUMBER: P723643

CATALOG NUMBER: IFLD-S-SA6A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	11.0	5.5	5.5	0.0
-25°	11.0	5.5	5.5	0.0
-27.5°	11.0	5.5	5.5	0.0
-30°	11.0	5.5	5.5	0.0
-32.5°	11.0	5.5	5.5	0.0
-35°	11.0	5.5	5.5	0.0
-37.5°	11.0	5.5	5.5	0.0
-40°	11.0	5.5	5.5	0.0
-42.5°	8.3	5.5	2.8	0.0
-45°	11.0	5.5	2.8	0.0
-47.5°	11.0	5.5	2.8	0.0
-50°	11.0	5.5	2.8	0.0
-52.5°	11.0	5.5	2.8	0.0
-55°	11.0	5.5	2.8	0.0
-57.5°	11.0	5.5	2.8	0.0
-60°	11.0	5.5	2.8	0.0
-62.5°	11.0	5.5	2.8	0.0
-65°	11.0	5.5	2.8	0.0
-67.5°	11.0	5.5	2.8	0.0
-70°	11.0	2.8	2.8	0.0
-72.5°	8.3	2.8	2.8	0.0
-75°	8.3	2.8	2.8	0.0
-77.5°	5.5	2.8	0.0	0.0
-80°	5.5	2.8	0.0	0.0
-82.5°	5.5	2.8	0.0	0.0
-85°	2.8	0.0	0.0	0.0
-87.5°	2.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)