

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: P723653

Luminaire Tested: **IFLD-L-SA7A-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723653
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13857.6 lumens	Max Intensity:	326020.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' 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:	5025.3 lumens	Field Lumens:	8011.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

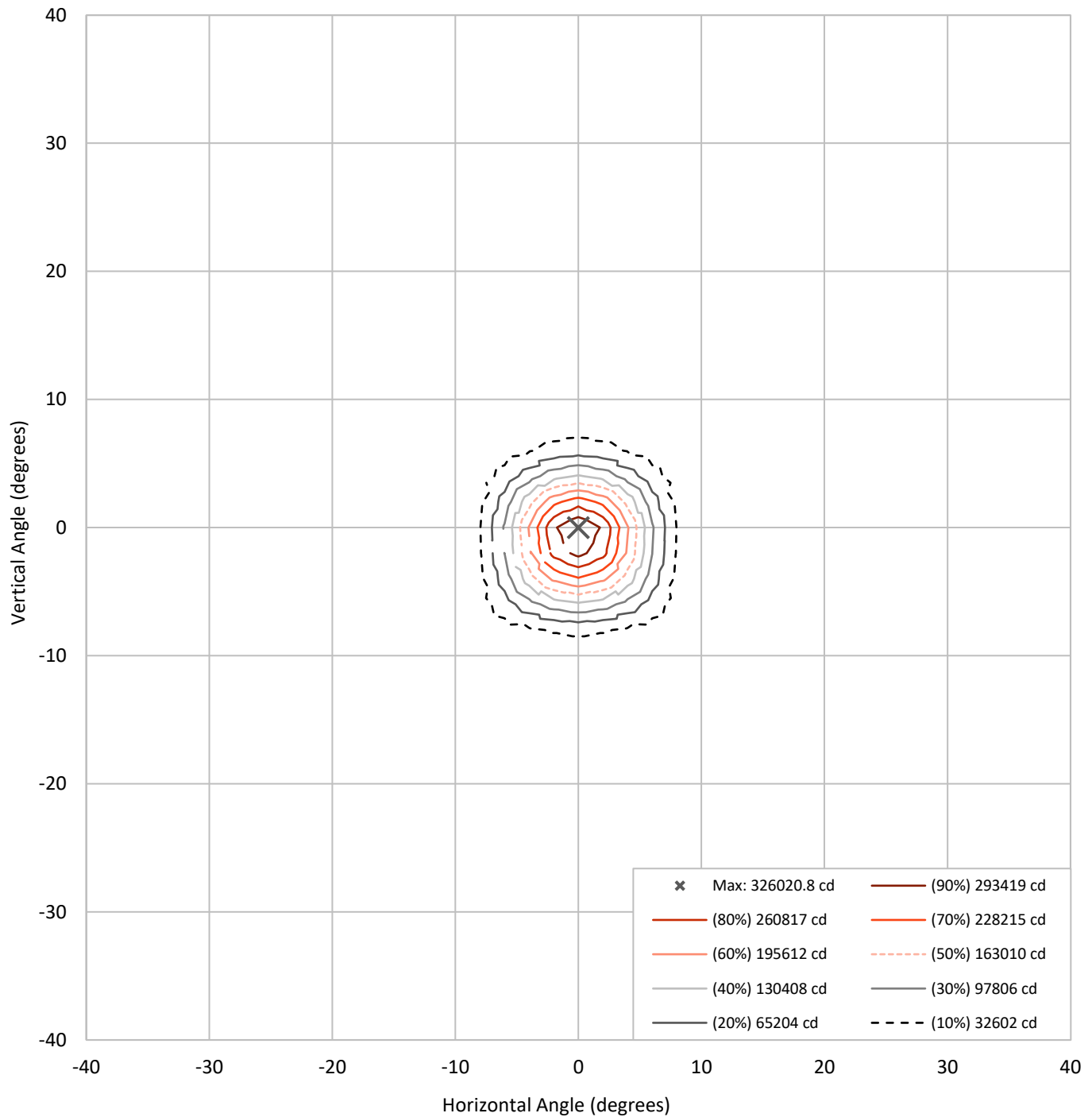
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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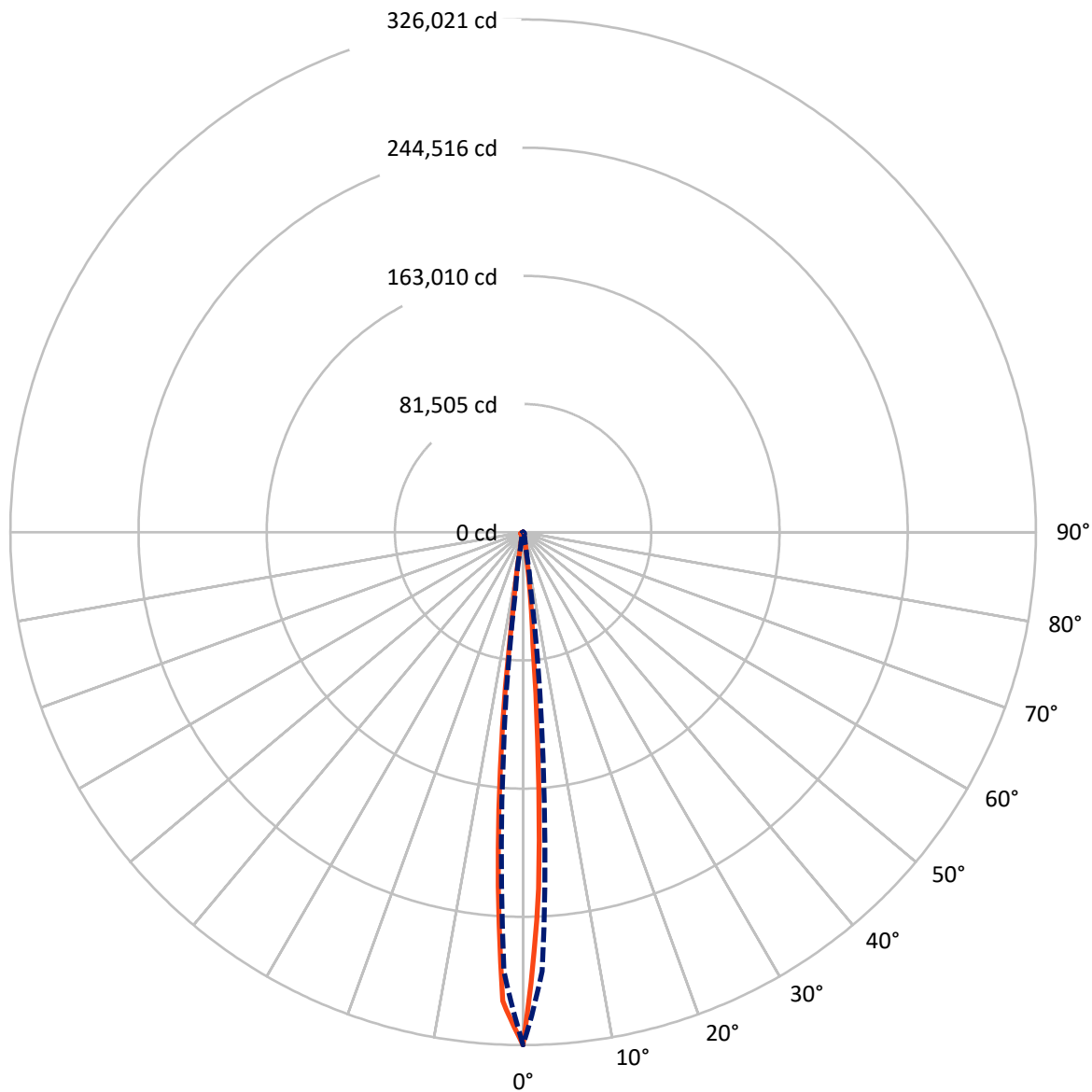
Lumen Table

90																				
80	0.2	3.1		3.4		1.3		0.4		1.3		3.4		3.1		0.2				
70	0.4	0.7	0.9	0.7	0.6	0.4	0.4	0.2	0.2	0.4	0.4	0.6	0.7	0.9	0.7	0.4				
60		0.4	0.6	1.6	3.6	5.8	7.5	8.6	8.6	7.5	5.8	3.6	1.6	0.6	0.4					
50	0.4	0.5	1.9	6.3	12.4	18.2	21.9	24.2	24.2	21.9	18.2	12.4	6.3	1.9	0.5	0.4				
40		0.9	4.8	13.0	21.1	24.7	26.7	27.7	27.7	26.7	24.7	21.1	13.0	4.8	0.9					
30	0.6	1.8	8.2	18.9	24.4	25.1	29.7	35.7	35.7	29.7	25.1	24.4	18.9	8.2	1.8	0.6				
20		2.8	11.5	23.2	26.0	29.4	51.6	87.9	87.9	51.6	29.4	26.0	23.2	11.5	2.8					
10	0.9	3.7	14.1	25.5	27.0	36.3	98.2	1819.2	1819.2	98.2	36.3	27.0	25.5	14.1	3.7	0.9				
0		4.3	15.5	26.7	28.0	37.5	105.8	2652.5	2652.5	105.8	37.5	28.0	26.7	15.5	4.3					
-10	1.3	4.6	15.9	28.2	30.3	33.8	61.5	118.0	118.0	61.5	33.8	30.3	28.2	15.9	4.6	1.3				
-20		4.3	15.1	28.5	34.0	34.1	39.8	48.6	48.6	39.8	34.1	34.0	28.5	15.1	4.3					
-30	1.5	3.8	13.3	27.3	37.4	40.8	42.4	42.8	42.8	42.4	40.8	37.4	27.3	13.3	3.8	1.5				
-40		3.4	10.7	23.1	36.1	43.9	49.2	51.5	51.5	49.2	43.9	36.1	23.1	10.7	3.4					
-50	1.2	3.0	8.3	17.9	30.8	41.3	48.0	50.8	50.8	48.0	41.3	30.8	17.9	8.3	3.0	1.2				
-60		2.8	7.3	14.6	25.7	36.1	43.7	47.2	47.2	43.7	36.1	25.7	14.6	7.3	2.8					
-70	0.5	8.6		25.5		47.3		52.2		47.3		25.5		8.6		0.5				
-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



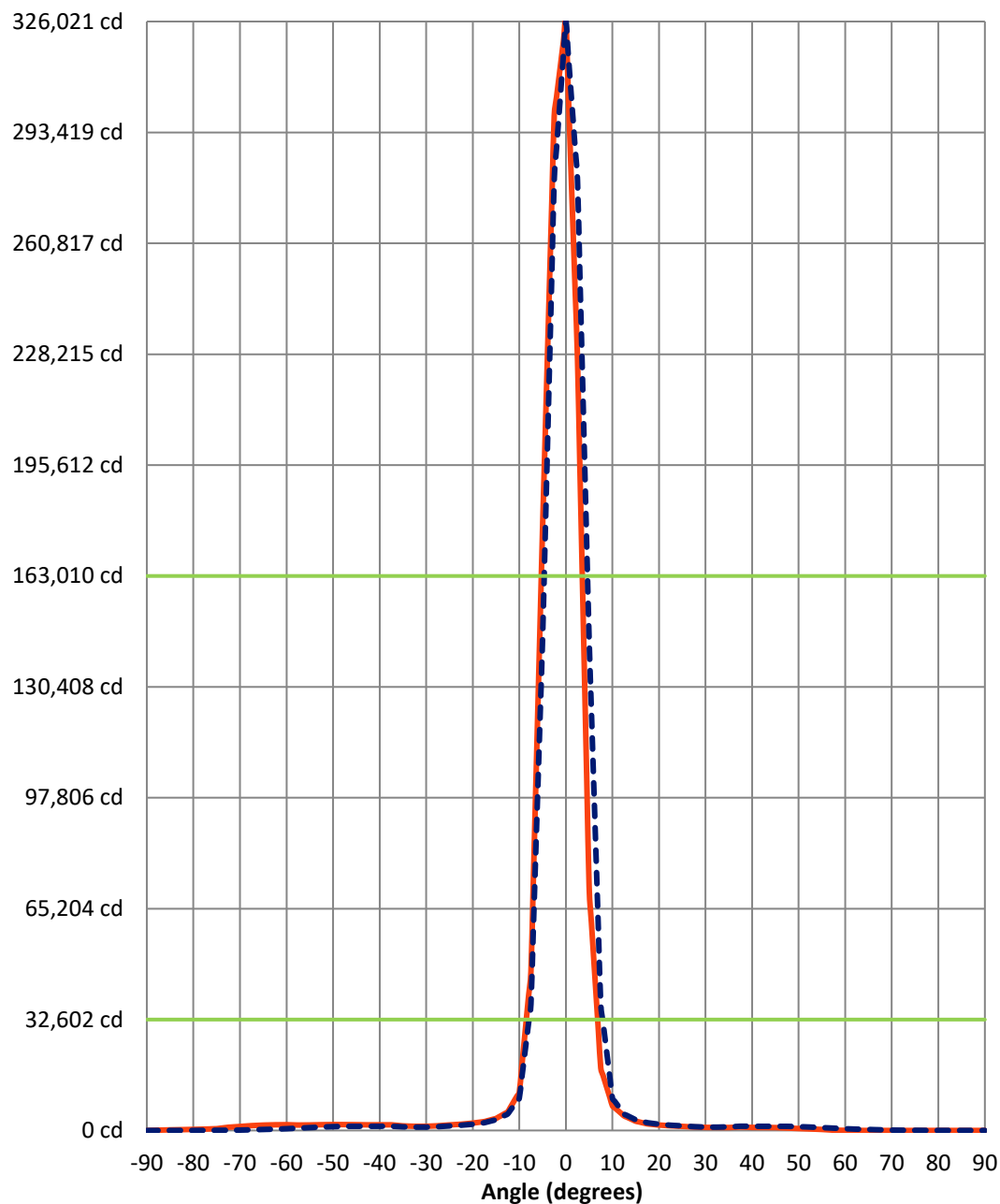
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 5025.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 8011.4

Efficiency: 57.8%

Spill:

Lumens: 5846.3

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	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
85°	0.0	3.2	3.2	6.4	6.4	6.4	9.6	12.8	16.0	16.0	19.2
82.5°	0.0	3.2	3.2	6.4	6.4	9.6	9.6	16.0	19.2	22.4	28.8
80°	3.2	3.2	3.2	6.4	6.4	9.6	9.6	12.8	16.0	22.4	25.6
77.5°	0.0	3.2	3.2	3.2	6.4	6.4	6.4	9.6	12.8	16.0	19.2
75°	0.0	3.2	3.2	3.2	6.4	6.4	6.4	6.4	9.6	9.6	12.8
72.5°	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4	9.6	9.6	9.6
70°	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4	9.6	9.6	9.6
67.5°	0.0	0.0	0.0	3.2	3.2	6.4	6.4	6.4	9.6	9.6	9.6
65°	0.0	0.0	0.0	3.2	3.2	6.4	6.4	9.6	9.6	9.6	9.6
62.5°	3.2	3.2	3.2	6.4	9.6	9.6	12.8	16.0	16.0	16.0	16.0
60°	32.0	35.2	38.4	38.4	35.2	35.2	38.4	38.4	38.4	38.4	38.4
57.5°	86.4	92.8	96.0	96.0	96.0	92.8	105.6	108.8	96.0	89.6	99.2
55°	300.7	310.3	303.9	294.3	275.1	252.7	246.3	243.1	246.3	230.3	204.7
52.5°	438.3	447.9	444.7	438.3	425.5	409.5	396.7	383.9	371.1	345.5	316.7
50°	569.4	572.6	569.4	563.0	550.2	534.2	508.6	479.8	454.3	447.9	422.3
47.5°	716.6	726.2	726.2	723.0	713.4	684.6	646.2	604.6	585.4	579.0	553.4
45°	847.7	854.1	857.3	860.5	857.3	828.5	793.3	771.0	729.4	716.6	716.6
42.5°	882.9	886.1	889.3	892.5	902.1	879.7	850.9	812.5	802.9	799.7	793.3
40°	895.7	889.3	892.5	895.7	898.9	882.9	860.5	838.1	831.7	825.3	825.3
37.5°	1017.3	988.5	966.1	946.9	930.9	914.9	892.5	873.3	857.3	844.5	857.3
35°	866.9	866.9	889.3	908.5	927.7	946.9	950.1	927.7	892.5	876.5	898.9
32.5°	886.1	886.1	886.1	892.5	898.9	914.9	930.9	940.5	966.1	937.3	937.3
30°	905.3	908.5	914.9	918.1	908.5	902.1	895.7	895.7	911.7	953.3	975.7
27.5°	1017.3	1017.3	1007.7	994.9	966.1	921.3	898.9	866.9	870.1	889.3	943.7
25°	1199.6	1193.2	1170.8	1138.8	1087.7	1023.7	962.9	895.7	866.9	857.3	879.7
22.5°	1372.4	1362.8	1334.0	1305.2	1263.6	1199.6	1097.3	994.9	905.3	866.9	857.3
20°	1593.1	1570.7	1538.7	1493.9	1426.7	1362.8	1273.2	1138.8	1007.7	908.5	870.1
17.5°	1948.2	1919.4	1858.6	1778.6	1663.5	1564.3	1436.3	1308.4	1161.2	1001.3	914.9
15°	2725.5	2652.0	2546.4	2325.7	2098.5	1909.8	1717.9	1503.5	1353.2	1142.0	1010.9
12.5°	4286.6	4085.1	3778.0	3263.0	2754.3	2316.1	2005.8	1730.6	1487.5	1292.4	1106.8
10°	7255.3	6823.4	5975.7	4568.1	3630.8	2824.7	2268.1	1900.2	1593.1	1391.6	1186.8
7.5°	18349.3	14968.0	10591.8	7232.9	4750.5	3451.7	2594.4	2060.1	1705.1	1455.5	1250.8
5°	71516.4	58912.4	31426.8	13115.8	7146.5	4174.7	2888.7	2188.1	1778.6	1503.5	1298.8
2.5°	226970.8	196004.7	102834.4	28234.2	8774.8	4702.5	3090.2	2268.1	1820.2	1538.7	1334.0
0°	326020.8	279411.7	144322.0	37133.8	9517.0	4836.9	3154.2	2284.1	1826.6	1545.1	1334.0
-2.5°	298253.7	261030.4	139414.7	34555.4	9724.9	4875.2	3205.4	2338.5	1874.6	1573.9	1343.6
-5°	177220.3	155448.0	97252.2	24638.5	8640.4	4526.6	3071.0	2290.5	1842.6	1557.9	1337.2
-7.5°	46692.3	40422.3	26589.9	12856.7	5591.8	3829.2	2821.5	2210.5	1801.0	1529.1	1311.6
-10°	11257.2	10668.6	9529.8	5841.3	4353.8	3199.0	2501.6	2066.5	1717.9	1490.7	1270.0
-12.5°	5428.7	5300.7	4811.3	3966.7	3231.0	2658.4	2264.9	1916.2	1641.1	1423.5	1212.4
-15°	3531.7	3458.1	3291.8	2968.7	2594.4	2319.3	2044.1	1762.6	1545.1	1324.4	1164.4
-17.5°	2613.6	2610.4	2527.2	2405.6	2220.1	2015.4	1813.8	1634.7	1423.5	1234.8	1113.2
-20°	2165.7	2165.7	2117.7	2037.8	1906.6	1772.2	1637.9	1471.5	1298.8	1158.0	1106.8

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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°	1839.4	1842.6	1817.0	1765.8	1695.5	1583.5	1452.3	1318.0	1193.2	1142.0	1126.0
-25°	1628.3	1621.9	1593.1	1545.1	1471.5	1382.0	1295.6	1206.0	1170.8	1158.0	1180.4
-27.5°	1378.8	1388.4	1375.6	1353.2	1305.2	1241.2	1222.0	1196.4	1202.8	1222.0	1308.4
-30°	1231.6	1241.2	1254.0	1263.6	1247.6	1231.6	1238.0	1257.2	1298.8	1372.4	1404.4
-32.5°	1231.6	1234.8	1254.0	1273.2	1282.8	1295.6	1330.8	1394.8	1455.5	1436.3	1429.9
-35°	1343.6	1334.0	1359.6	1385.2	1420.3	1465.1	1503.5	1490.7	1468.3	1461.9	1468.3
-37.5°	1663.5	1602.7	1577.1	1561.1	1551.5	1545.1	1535.5	1525.9	1516.3	1509.9	1519.5
-40°	1660.3	1644.3	1628.3	1615.5	1605.9	1593.1	1586.7	1583.5	1573.9	1567.5	1561.1
-42.5°	1653.9	1660.3	1660.3	1657.1	1660.3	1657.1	1647.5	1634.7	1618.7	1605.9	1593.1
-45°	1701.9	1705.1	1711.5	1717.9	1727.4	1714.7	1695.5	1673.1	1650.7	1631.5	1615.5
-47.5°	1730.6	1733.8	1740.2	1749.8	1756.2	1743.4	1717.9	1689.1	1653.9	1621.9	1589.9
-50°	1740.2	1749.8	1753.0	1753.0	1749.8	1733.8	1695.5	1653.9	1615.5	1583.5	1554.7
-52.5°	1695.5	1705.1	1708.3	1701.9	1698.7	1682.7	1647.5	1609.1	1567.5	1545.1	1519.5
-55°	1621.9	1634.7	1644.3	1644.3	1644.3	1641.1	1609.1	1573.9	1541.9	1516.3	1490.7
-57.5°	1593.1	1615.5	1634.7	1637.9	1641.1	1644.3	1621.9	1586.7	1548.3	1509.9	1477.9
-60°	1698.7	1717.9	1727.4	1714.7	1705.1	1695.5	1660.3	1618.7	1580.3	1541.9	1481.1
-62.5°	1669.9	1701.9	1717.9	1708.3	1695.5	1679.5	1641.1	1593.1	1548.3	1506.7	1445.9
-65°	1577.1	1605.9	1625.1	1609.1	1589.9	1567.5	1532.3	1487.5	1445.9	1404.4	1350.0
-67.5°	1420.3	1461.9	1493.9	1458.7	1433.1	1404.4	1375.6	1337.2	1295.6	1247.6	1196.4
-70°	1174.0	1206.0	1234.8	1225.2	1218.8	1212.4	1193.2	1154.8	1119.6	1081.3	1036.5
-72.5°	943.7	972.5	998.1	982.1	969.3	950.1	921.3	879.7	838.1	796.5	755.0
-75°	521.4	531.0	540.6	537.4	537.4	537.4	537.4	540.6	534.2	524.6	505.4
-77.5°	399.9	412.7	422.3	428.7	438.3	451.1	460.7	444.7	428.7	412.7	393.5
-80°	313.5	326.3	335.9	371.1	396.7	425.5	444.7	422.3	399.9	380.7	364.7
-82.5°	236.7	246.3	255.9	275.1	287.9	303.9	316.7	316.7	313.5	310.3	300.7
-85°	172.7	185.5	198.3	204.7	214.3	214.3	217.5	204.7	191.9	182.3	169.5
-87.5°	99.2	102.4	102.4	102.4	105.6	105.6	105.6	99.2	96.0	89.6	86.4
-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°	3.2	3.2	3.2	6.4	6.4	9.6	9.6	12.8	12.8	16.0	16.0
85°	19.2	19.2	19.2	22.4	22.4	25.6	28.8	32.0	35.2	35.2	38.4
82.5°	32.0	35.2	38.4	41.6	44.8	48.0	51.2	54.4	64.0	70.4	73.6
80°	32.0	35.2	44.8	51.2	57.6	64.0	64.0	64.0	64.0	67.2	73.6
77.5°	22.4	25.6	28.8	35.2	51.2	64.0	73.6	80.0	73.6	70.4	64.0
75°	12.8	16.0	19.2	22.4	32.0	44.8	60.8	76.8	89.6	86.4	80.0
72.5°	12.8	12.8	16.0	19.2	22.4	25.6	28.8	44.8	64.0	80.0	89.6
70°	12.8	16.0	16.0	19.2	22.4	25.6	28.8	35.2	44.8	64.0	83.2
67.5°	12.8	16.0	16.0	22.4	28.8	32.0	35.2	32.0	28.8	41.6	60.8
65°	12.8	12.8	16.0	19.2	22.4	25.6	35.2	35.2	32.0	32.0	32.0
62.5°	19.2	19.2	19.2	19.2	22.4	22.4	22.4	28.8	28.8	28.8	28.8
60°	38.4	35.2	35.2	35.2	35.2	28.8	28.8	28.8	25.6	28.8	25.6
57.5°	92.8	76.8	70.4	70.4	60.8	57.6	48.0	35.2	35.2	28.8	28.8
55°	188.7	179.1	150.4	124.8	112.0	99.2	76.8	64.0	48.0	38.4	35.2
52.5°	291.1	265.5	239.9	207.9	175.9	150.4	128.0	99.2	80.0	57.6	44.8
50°	380.7	358.3	329.5	294.3	252.7	220.7	188.7	150.4	118.4	89.6	64.0
47.5°	518.2	473.4	438.3	396.7	348.7	303.9	262.3	217.5	166.3	131.2	99.2
45°	665.4	601.4	553.4	515.0	451.1	390.3	342.3	294.3	233.5	172.7	134.4
42.5°	767.8	719.8	655.8	604.6	547.0	483.0	419.1	367.9	303.9	233.5	172.7
40°	822.1	790.1	739.0	694.2	633.4	563.0	495.8	444.7	377.5	300.7	217.5
37.5°	863.7	847.7	822.1	786.9	729.4	646.2	579.0	518.2	460.7	371.1	281.5
35°	911.7	908.5	892.5	876.5	828.5	748.6	668.6	598.2	527.8	444.7	345.5
32.5°	956.5	953.3	943.7	937.3	918.1	847.7	761.4	681.4	601.4	515.0	406.3
30°	978.9	972.5	972.5	978.9	959.7	914.9	850.9	764.6	675.0	572.6	470.3
27.5°	978.9	972.5	975.7	985.3	982.1	959.7	911.7	841.3	742.2	627.0	527.8
25°	937.3	969.3	969.3	982.1	985.3	978.9	953.3	908.5	806.1	684.6	572.6
22.5°	879.7	956.5	985.3	982.1	985.3	1001.3	1004.5	962.9	866.9	742.2	617.4
20°	879.7	934.1	1017.3	994.9	1001.3	1036.5	1052.5	1017.3	930.9	796.5	662.2
17.5°	898.9	934.1	1004.5	1039.7	1049.3	1078.1	1103.6	1081.3	988.5	854.1	723.0
15°	953.3	946.9	994.9	1081.3	1097.3	1119.6	1148.4	1122.8	1039.7	918.1	780.6
12.5°	991.7	956.5	994.9	1087.7	1138.8	1161.2	1170.8	1151.6	1084.5	975.7	838.1
10°	1042.9	982.1	1001.3	1081.3	1154.8	1170.8	1180.4	1174.0	1126.0	1023.7	889.3
7.5°	1081.3	994.9	994.9	1071.7	1170.8	1183.6	1190.0	1196.4	1161.2	1065.3	934.1
5°	1097.3	994.9	988.5	1062.1	1186.8	1199.6	1199.6	1209.2	1186.8	1097.3	966.1
2.5°	1100.4	991.7	982.1	1055.7	1215.6	1215.6	1209.2	1218.8	1206.0	1116.4	988.5
0°	1116.4	988.5	978.9	1065.3	1247.6	1234.8	1218.8	1222.0	1215.6	1126.0	1001.3
-2.5°	1116.4	1004.5	991.7	1071.7	1244.4	1241.2	1234.8	1238.0	1231.6	1154.8	1026.9
-5°	1132.4	1026.9	1014.1	1100.4	1241.2	1250.8	1254.0	1254.0	1244.4	1174.0	1042.9
-7.5°	1135.6	1042.9	1039.7	1129.2	1247.6	1263.6	1273.2	1279.6	1260.4	1186.8	1055.7
-10°	1119.6	1049.3	1065.3	1164.4	1254.0	1276.4	1295.6	1305.2	1273.2	1193.2	1062.1
-12.5°	1084.5	1049.3	1090.9	1209.2	1270.0	1295.6	1324.4	1327.6	1286.0	1196.4	1065.3
-15°	1081.3	1074.9	1135.6	1254.0	1279.6	1311.6	1356.4	1346.8	1295.6	1196.4	1065.3
-17.5°	1078.1	1110.0	1202.8	1270.0	1295.6	1330.8	1366.0	1356.4	1302.0	1196.4	1058.9
-20°	1106.8	1167.6	1282.8	1286.0	1314.8	1353.2	1372.4	1353.2	1292.4	1186.8	1049.3

REPORT NUMBER: P723653

CATALOG NUMBER: IFLD-L-SA7A-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°	1154.8	1270.0	1308.4	1321.2	1346.8	1375.6	1385.2	1356.4	1282.8	1170.8	1033.3
-25°	1276.4	1334.0	1334.0	1362.8	1388.4	1401.2	1391.6	1359.6	1270.0	1154.8	1017.3
-27.5°	1369.2	1366.0	1382.0	1410.8	1433.1	1433.1	1407.6	1343.6	1250.8	1138.8	994.9
-30°	1404.4	1407.6	1429.9	1461.9	1468.3	1452.3	1413.9	1330.8	1234.8	1113.2	966.1
-32.5°	1439.5	1452.3	1481.1	1497.1	1500.3	1468.3	1398.0	1308.4	1209.2	1084.5	934.1
-35°	1481.1	1506.7	1522.7	1525.9	1509.9	1455.5	1375.6	1279.6	1170.8	1042.9	905.3
-37.5°	1535.5	1548.3	1557.9	1545.1	1500.3	1436.3	1337.2	1241.2	1135.6	998.1	863.7
-40°	1570.7	1577.1	1580.3	1538.7	1484.3	1391.6	1295.6	1196.4	1074.9	946.9	818.9
-42.5°	1593.1	1586.7	1561.1	1516.3	1436.3	1346.8	1254.0	1142.0	1020.5	895.7	771.0
-45°	1586.7	1564.3	1525.9	1471.5	1388.4	1298.8	1190.0	1078.1	962.9	841.3	716.6
-47.5°	1561.1	1525.9	1477.9	1413.9	1337.2	1228.4	1119.6	1010.9	898.9	780.6	665.4
-50°	1529.1	1487.5	1429.9	1350.0	1247.6	1148.4	1049.3	943.7	828.5	719.8	617.4
-52.5°	1493.9	1449.1	1375.6	1286.0	1174.0	1071.7	975.7	873.3	767.8	665.4	575.8
-55°	1455.5	1410.8	1327.6	1225.2	1113.2	1001.3	908.5	822.1	719.8	620.6	540.6
-57.5°	1436.3	1378.8	1292.4	1190.0	1071.7	956.5	876.5	783.8	691.0	588.6	511.8
-60°	1420.3	1362.8	1282.8	1164.4	1052.5	943.7	850.9	761.4	662.2	566.2	489.4
-62.5°	1375.6	1314.8	1241.2	1126.0	1017.3	918.1	834.9	729.4	633.4	543.8	473.4
-65°	1286.0	1222.0	1158.0	1055.7	956.5	863.7	780.6	684.6	595.0	518.2	457.5
-67.5°	1145.2	1090.9	1033.3	946.9	863.7	780.6	703.8	620.6	547.0	492.6	460.7
-70°	988.5	930.9	873.3	802.9	732.6	665.4	604.6	543.8	495.8	467.1	441.5
-72.5°	719.8	694.2	665.4	611.0	553.4	511.8	483.0	457.5	422.3	396.7	380.7
-75°	479.8	444.7	399.9	380.7	383.9	377.5	361.5	342.3	326.3	316.7	294.3
-77.5°	374.3	355.1	332.7	310.3	300.7	291.1	278.3	262.3	249.5	227.1	195.1
-80°	345.5	329.5	313.5	297.5	281.5	259.1	233.5	207.9	195.1	185.5	182.3
-82.5°	284.7	265.5	246.3	230.3	207.9	191.9	175.9	163.1	163.1	159.9	156.8
-85°	163.1	156.8	147.2	140.8	134.4	124.8	115.2	108.8	105.6	102.4	99.2
-87.5°	83.2	80.0	73.6	70.4	67.2	64.0	57.6	54.4	51.2	51.2	48.0
-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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CATALOG NUMBER: IFLD-L-SA7A-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°	16.0	16.0	12.8	12.8	12.8	9.6	6.4	6.4	3.2	3.2	0.0
85°	38.4	32.0	28.8	25.6	25.6	19.2	12.8	9.6	6.4	3.2	3.2
82.5°	73.6	64.0	54.4	48.0	38.4	28.8	22.4	16.0	9.6	6.4	3.2
80°	83.2	83.2	80.0	67.2	54.4	41.6	28.8	19.2	12.8	9.6	6.4
77.5°	64.0	70.4	70.4	70.4	67.2	51.2	35.2	22.4	12.8	9.6	6.4
75°	73.6	64.0	60.8	64.0	60.8	51.2	41.6	25.6	16.0	12.8	6.4
72.5°	89.6	76.8	67.2	64.0	57.6	48.0	38.4	28.8	16.0	12.8	9.6
70°	83.2	80.0	73.6	67.2	57.6	48.0	38.4	28.8	19.2	12.8	9.6
67.5°	73.6	73.6	73.6	67.2	57.6	44.8	35.2	25.6	19.2	12.8	9.6
65°	51.2	60.8	67.2	64.0	57.6	44.8	35.2	25.6	19.2	16.0	9.6
62.5°	32.0	41.6	54.4	60.8	54.4	44.8	32.0	25.6	19.2	16.0	9.6
60°	28.8	32.0	38.4	48.0	51.2	41.6	32.0	22.4	19.2	16.0	9.6
57.5°	28.8	28.8	32.0	38.4	41.6	38.4	28.8	19.2	19.2	16.0	12.8
55°	32.0	28.8	28.8	32.0	35.2	35.2	28.8	19.2	19.2	16.0	12.8
52.5°	38.4	32.0	28.8	28.8	28.8	32.0	25.6	19.2	19.2	16.0	12.8
50°	48.0	38.4	35.2	28.8	28.8	28.8	25.6	19.2	16.0	16.0	12.8
47.5°	64.0	51.2	38.4	35.2	28.8	25.6	22.4	19.2	16.0	16.0	12.8
45°	96.0	60.8	51.2	38.4	32.0	28.8	25.6	19.2	16.0	16.0	12.8
42.5°	131.2	89.6	64.0	44.8	35.2	28.8	25.6	22.4	16.0	16.0	12.8
40°	166.3	121.6	80.0	57.6	41.6	32.0	25.6	22.4	19.2	16.0	12.8
37.5°	204.7	150.4	105.6	73.6	48.0	35.2	28.8	22.4	19.2	16.0	12.8
35°	252.7	188.7	131.2	89.6	57.6	41.6	32.0	22.4	19.2	16.0	12.8
32.5°	307.1	223.9	156.8	108.8	73.6	51.2	35.2	25.6	19.2	16.0	12.8
30°	358.3	265.5	185.5	131.2	89.6	57.6	38.4	25.6	19.2	16.0	9.6
27.5°	409.5	307.1	220.7	153.6	108.8	67.2	41.6	28.8	19.2	16.0	12.8
25°	460.7	348.7	255.9	175.9	124.8	80.0	51.2	32.0	19.2	16.0	12.8
22.5°	505.4	390.3	287.9	201.5	144.0	92.8	57.6	35.2	22.4	16.0	12.8
20°	556.6	435.1	323.1	230.3	159.9	105.6	64.0	38.4	22.4	16.0	12.8
17.5°	604.6	479.8	358.3	255.9	179.1	118.4	73.6	41.6	25.6	16.0	12.8
15°	652.6	521.4	390.3	281.5	198.3	131.2	80.0	44.8	28.8	16.0	12.8
12.5°	697.4	559.8	419.1	303.9	214.3	144.0	86.4	48.0	32.0	16.0	12.8
10°	739.0	595.0	447.9	323.1	230.3	153.6	92.8	54.4	35.2	16.0	12.8
7.5°	780.6	623.8	470.3	342.3	249.5	166.3	99.2	57.6	38.4	19.2	12.8
5°	806.1	649.4	489.4	358.3	265.5	179.1	105.6	60.8	41.6	19.2	12.8
2.5°	828.5	668.6	502.2	374.3	281.5	188.7	105.6	64.0	44.8	19.2	12.8
0°	841.3	681.4	511.8	383.9	294.3	195.1	108.8	67.2	48.0	19.2	12.8
-2.5°	870.1	703.8	534.2	396.7	307.1	214.3	115.2	70.4	51.2	22.4	12.8
-5°	889.3	716.6	550.2	409.5	316.7	233.5	124.8	76.8	57.6	28.8	16.0
-7.5°	905.3	729.4	563.0	415.9	326.3	239.9	128.0	80.0	60.8	32.0	16.0
-10°	908.5	735.8	572.6	425.5	332.7	249.5	131.2	83.2	64.0	35.2	16.0
-12.5°	911.7	742.2	575.8	431.9	339.1	255.9	134.4	86.4	67.2	38.4	16.0
-15°	908.5	739.0	575.8	438.3	342.3	249.5	140.8	89.6	70.4	41.6	16.0
-17.5°	902.1	735.8	572.6	435.1	339.1	243.1	144.0	96.0	70.4	44.8	19.2
-20°	892.5	726.2	566.2	431.9	335.9	236.7	147.2	99.2	73.6	44.8	19.2

REPORT NUMBER: P723653

CATALOG NUMBER: IFLD-L-SA7A-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°	876.5	710.2	553.4	422.3	329.5	230.3	147.2	105.6	76.8	44.8	19.2
-25°	857.3	694.2	540.6	409.5	319.9	220.7	147.2	108.8	80.0	44.8	19.2
-27.5°	834.9	678.2	521.4	399.9	307.1	214.3	147.2	112.0	83.2	44.8	19.2
-30°	809.3	655.8	505.4	383.9	297.5	214.3	150.4	115.2	86.4	44.8	19.2
-32.5°	783.8	633.4	486.2	371.1	284.7	211.1	150.4	118.4	89.6	41.6	22.4
-35°	755.0	607.8	470.3	361.5	275.1	204.7	153.6	118.4	86.4	41.6	22.4
-37.5°	719.8	575.8	454.3	351.9	268.7	198.3	153.6	121.6	83.2	41.6	22.4
-40°	681.4	550.2	435.1	339.1	259.1	195.1	153.6	121.6	80.0	41.6	25.6
-42.5°	639.8	521.4	415.9	326.3	249.5	191.9	153.6	121.6	76.8	41.6	25.6
-45°	601.4	492.6	393.5	310.3	239.9	191.9	153.6	118.4	70.4	44.8	25.6
-47.5°	559.8	460.7	367.9	294.3	236.7	188.7	150.4	112.0	64.0	44.8	25.6
-50°	524.6	428.7	348.7	278.3	230.3	191.9	153.6	102.4	64.0	44.8	25.6
-52.5°	489.4	406.3	326.3	271.9	223.9	195.1	150.4	96.0	64.0	44.8	25.6
-55°	460.7	383.9	313.5	262.3	230.3	201.5	144.0	86.4	64.0	44.8	25.6
-57.5°	438.3	371.1	303.9	265.5	239.9	195.1	134.4	83.2	64.0	41.6	25.6
-60°	422.3	358.3	307.1	278.3	243.1	185.5	128.0	83.2	64.0	41.6	22.4
-62.5°	409.5	361.5	323.1	287.9	230.3	172.7	121.6	83.2	57.6	38.4	22.4
-65°	412.7	374.3	329.5	275.1	220.7	159.9	112.0	80.0	54.4	35.2	22.4
-67.5°	422.3	364.7	310.3	259.1	198.3	144.0	102.4	73.6	51.2	35.2	22.4
-70°	390.3	335.9	281.5	220.7	169.5	124.8	96.0	67.2	44.8	32.0	22.4
-72.5°	351.9	281.5	223.9	179.1	144.0	115.2	86.4	60.8	41.6	28.8	19.2
-75°	255.9	204.7	166.3	150.4	128.0	102.4	76.8	54.4	38.4	28.8	19.2
-77.5°	182.3	169.5	153.6	137.6	115.2	89.6	67.2	51.2	35.2	25.6	16.0
-80°	179.1	163.1	144.0	118.4	96.0	76.8	57.6	44.8	32.0	22.4	12.8
-82.5°	150.4	128.0	108.8	89.6	73.6	60.8	48.0	35.2	25.6	16.0	9.6
-85°	92.8	80.0	70.4	60.8	51.2	41.6	32.0	22.4	16.0	9.6	6.4
-87.5°	44.8	41.6	35.2	28.8	25.6	19.2	16.0	12.8	9.6	6.4	3.2
-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-L-SA7A-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°	3.2	0.0	0.0	0.0
80°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	6.4	3.2	3.2	0.0
67.5°	6.4	3.2	3.2	0.0
65°	6.4	3.2	3.2	0.0
62.5°	6.4	3.2	3.2	0.0
60°	6.4	3.2	3.2	0.0
57.5°	6.4	3.2	3.2	0.0
55°	6.4	3.2	3.2	0.0
52.5°	6.4	3.2	3.2	0.0
50°	6.4	3.2	3.2	0.0
47.5°	6.4	6.4	3.2	0.0
45°	6.4	6.4	3.2	0.0
42.5°	6.4	6.4	3.2	0.0
40°	6.4	6.4	3.2	0.0
37.5°	6.4	6.4	3.2	0.0
35°	6.4	6.4	3.2	0.0
32.5°	9.6	6.4	3.2	0.0
30°	9.6	6.4	6.4	0.0
27.5°	9.6	6.4	6.4	0.0
25°	9.6	6.4	6.4	0.0
22.5°	9.6	6.4	6.4	0.0
20°	9.6	6.4	6.4	0.0
17.5°	9.6	6.4	6.4	0.0
15°	9.6	6.4	6.4	0.0
12.5°	9.6	6.4	6.4	0.0
10°	9.6	6.4	6.4	0.0
7.5°	9.6	6.4	6.4	0.0
5°	9.6	6.4	6.4	0.0
2.5°	9.6	6.4	6.4	0.0
0°	9.6	6.4	6.4	0.0
-2.5°	9.6	6.4	6.4	0.0
-5°	9.6	6.4	6.4	0.0
-7.5°	9.6	6.4	6.4	0.0
-10°	9.6	6.4	6.4	0.0
-12.5°	12.8	6.4	6.4	0.0
-15°	12.8	6.4	6.4	0.0
-17.5°	12.8	6.4	6.4	0.0
-20°	12.8	6.4	6.4	0.0

REPORT NUMBER: P723653

CATALOG NUMBER: IFLD-L-SA7A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	12.8	6.4	6.4	0.0
-25°	12.8	6.4	6.4	0.0
-27.5°	12.8	6.4	6.4	0.0
-30°	12.8	6.4	6.4	0.0
-32.5°	12.8	6.4	6.4	0.0
-35°	12.8	6.4	6.4	0.0
-37.5°	12.8	6.4	6.4	0.0
-40°	12.8	6.4	6.4	0.0
-42.5°	9.6	6.4	3.2	0.0
-45°	12.8	6.4	3.2	0.0
-47.5°	12.8	6.4	3.2	0.0
-50°	12.8	6.4	3.2	0.0
-52.5°	12.8	6.4	3.2	0.0
-55°	12.8	6.4	3.2	0.0
-57.5°	12.8	6.4	3.2	0.0
-60°	12.8	6.4	3.2	0.0
-62.5°	12.8	6.4	3.2	0.0
-65°	12.8	6.4	3.2	0.0
-67.5°	12.8	6.4	3.2	0.0
-70°	12.8	3.2	3.2	0.0
-72.5°	9.6	3.2	3.2	0.0
-75°	9.6	3.2	3.2	0.0
-77.5°	6.4	3.2	0.0	0.0
-80°	6.4	3.2	0.0	0.0
-82.5°	6.4	3.2	0.0	0.0
-85°	3.2	0.0	0.0	0.0
-87.5°	3.2	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)