

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: P723828

Luminaire Tested: **IFLD-L-SA7B-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723828
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13858.6 lumens	Max Intensity:	326043.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.3 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:	5025.7 lumens	Field Lumens:	8011.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

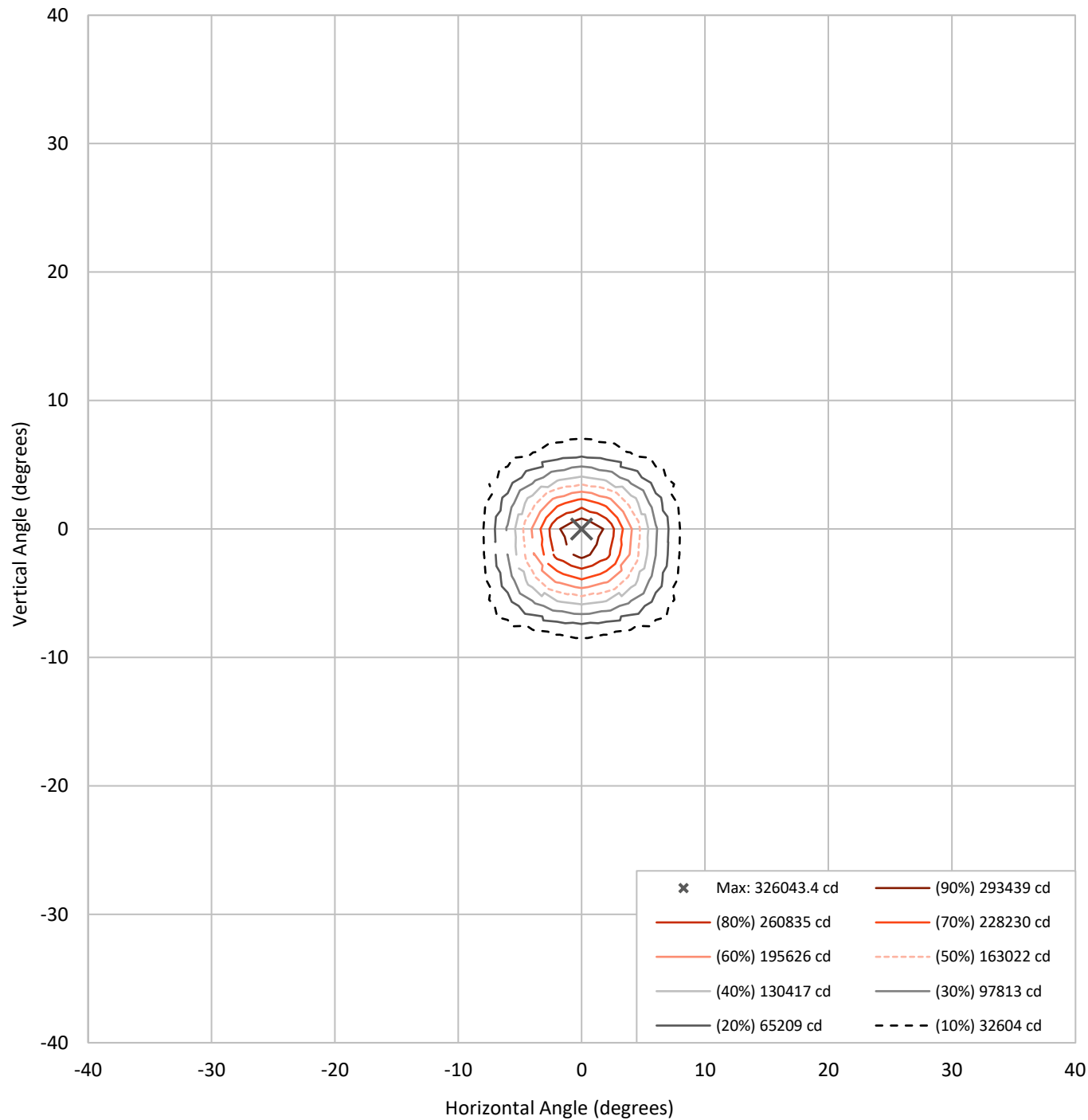
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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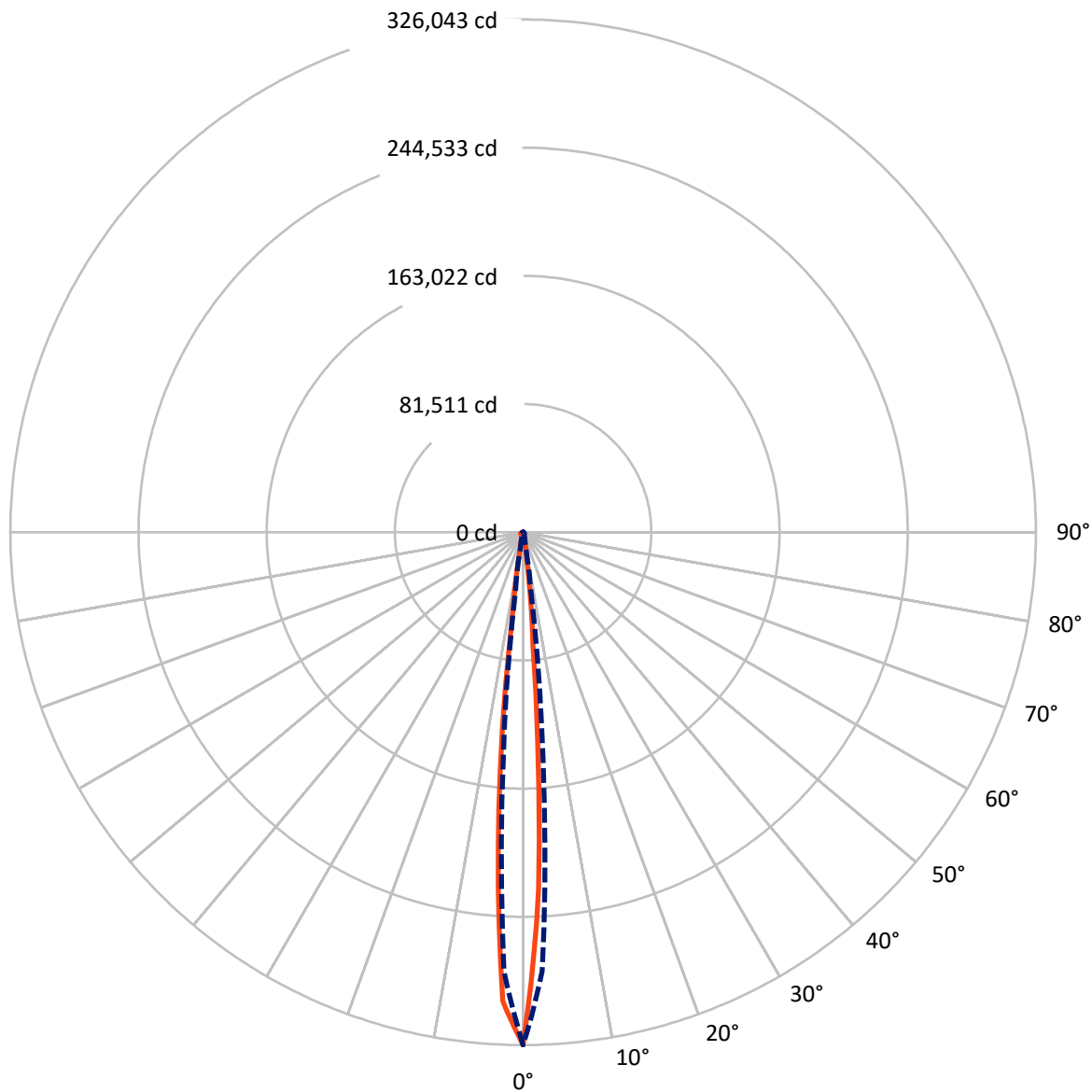
Lumen Table

Vertical Angle (degrees)																	
	-80		-60		-40		-20		0		20		40		60		
90	0.2		3.1		3.4		1.3		0.4		1.3		3.4		3.1		
80	0.2		3.1		3.4		1.3		0.4		1.3		3.4		3.1		
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	
60	0.4		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	
40	0.4		0.9	4.8	13.0	21.1	24.8	26.7	27.7	27.7	26.7	24.8	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	
20	0.6		2.8	11.5	23.2	26.0	29.4	51.6	88.0	88.0	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	1819.3	1819.3	98.2	36.3	27.0	25.5	14.1	3.7	
0	0.9		4.3	15.5	26.7	28.0	37.5	105.8	2652.7	2652.7	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	
-20	1.3		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	
-40	1.5		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	
-60	1.2		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		
-80	0.5		8.6		25.5		47.3		52.2		47.3		25.5		8.6		
-90	0.2		3.1		3.4		1.3		0.4		1.3		3.4		3.1		
	Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



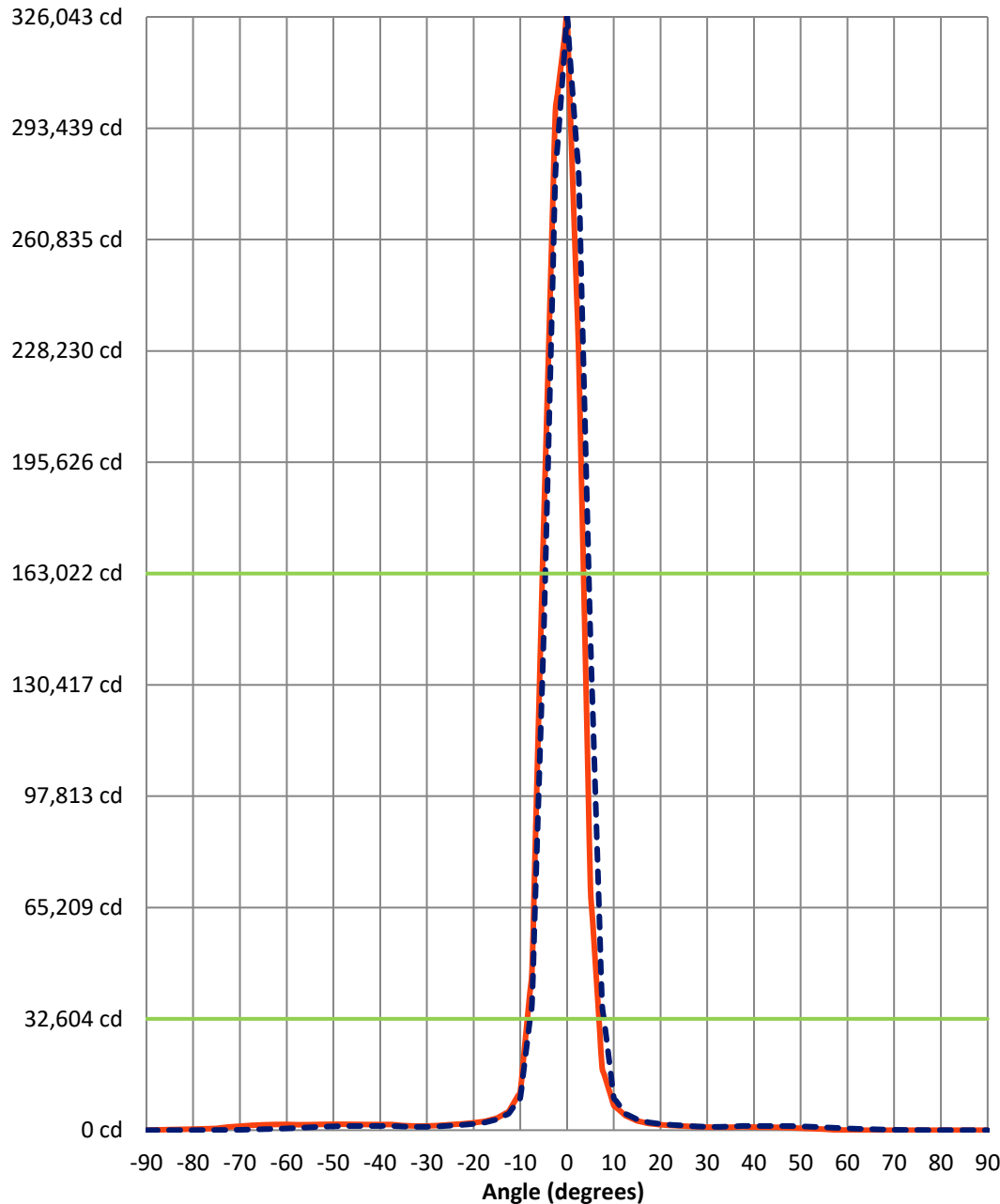
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 5025.7
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 8011.9
Efficiency: 57.8%

Spill:
Lumens: 5846.7
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°	569.5	572.7	569.5	563.1	550.3	534.3	508.7	479.9	454.3	447.9	422.3
47.5°	716.6	726.2	726.2	723.0	713.4	684.6	646.2	604.6	585.5	579.1	553.5
45°	847.8	854.2	857.4	860.6	857.4	828.6	793.4	771.0	729.4	716.6	716.6
42.5°	883.0	886.2	889.4	892.6	902.2	879.8	851.0	812.6	803.0	799.8	793.4
40°	895.8	889.4	892.6	895.8	899.0	883.0	860.6	838.2	831.8	825.4	825.4
37.5°	1017.3	988.6	966.2	947.0	931.0	915.0	892.6	873.4	857.4	844.6	857.4
35°	867.0	867.0	889.4	908.6	927.8	947.0	950.2	927.8	892.6	876.6	899.0
32.5°	886.2	886.2	886.2	892.6	899.0	915.0	931.0	940.6	966.2	937.4	937.4
30°	905.4	908.6	915.0	918.2	908.6	902.2	895.8	895.8	911.8	953.4	975.8
27.5°	1017.3	1017.3	1007.7	995.0	966.2	921.4	899.0	867.0	870.2	889.4	943.8
25°	1199.7	1193.3	1170.9	1138.9	1087.7	1023.7	963.0	895.8	867.0	857.4	879.8
22.5°	1372.5	1362.9	1334.1	1305.3	1263.7	1199.7	1097.3	995.0	905.4	867.0	857.4
20°	1593.2	1570.8	1538.8	1494.0	1426.8	1362.9	1273.3	1138.9	1007.7	908.6	870.2
17.5°	1948.3	1919.5	1858.7	1778.8	1663.6	1564.4	1436.4	1308.5	1161.3	1001.4	915.0
15°	2725.7	2652.1	2546.6	2325.8	2098.7	1909.9	1718.0	1503.6	1353.3	1142.1	1010.9
12.5°	4286.9	4085.4	3778.3	3263.2	2754.5	2316.2	2005.9	1730.8	1487.6	1292.5	1106.9
10°	7255.8	6823.9	5976.1	4568.5	3631.1	2824.9	2268.2	1900.3	1593.2	1391.7	1186.9
7.5°	18350.6	14969.1	10592.6	7233.4	4750.8	3451.9	2594.6	2060.3	1705.2	1455.6	1250.9
5°	71521.3	58916.5	31429.0	13116.7	7147.0	4175.0	2888.9	2188.3	1778.8	1503.6	1298.9
2.5°	226986.5	196018.3	102841.5	28236.2	8775.4	4702.8	3090.4	2268.2	1820.3	1538.8	1334.1
0°	326043.4	279431.0	144332.0	37136.3	9517.6	4837.2	3154.4	2284.2	1826.7	1545.2	1334.1
-2.5°	298274.3	261048.4	139424.4	34557.8	9725.6	4875.6	3205.6	2338.6	1874.7	1574.0	1343.7
-5°	177232.6	155458.8	97258.9	24640.2	8641.0	4526.9	3071.2	2290.6	1842.7	1558.0	1337.3
-7.5°	46695.5	40425.1	26591.8	12857.6	5592.2	3829.4	2821.7	2210.6	1801.2	1529.2	1311.7
-10°	11258.0	10669.3	9530.4	5841.7	4354.1	3199.2	2501.8	2066.7	1718.0	1490.8	1270.1
-12.5°	5429.0	5301.1	4811.6	3967.0	3231.2	2658.5	2265.0	1916.3	1641.2	1423.6	1212.5
-15°	3531.9	3458.3	3292.0	2968.9	2594.6	2319.4	2044.3	1762.8	1545.2	1324.5	1164.5
-17.5°	2613.7	2610.5	2527.4	2405.8	2220.2	2015.5	1813.9	1634.8	1423.6	1234.9	1113.3
-20°	2165.9	2165.9	2117.9	2037.9	1906.7	1772.4	1638.0	1471.6	1298.9	1158.1	1106.9

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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°	1839.5	1842.7	1817.1	1766.0	1695.6	1583.6	1452.4	1318.1	1193.3	1142.1	1126.1
-25°	1628.4	1622.0	1593.2	1545.2	1471.6	1382.1	1295.7	1206.1	1170.9	1158.1	1180.5
-27.5°	1378.9	1388.5	1375.7	1353.3	1305.3	1241.3	1222.1	1196.5	1202.9	1222.1	1308.5
-30°	1231.7	1241.3	1254.1	1263.7	1247.7	1231.7	1238.1	1257.3	1298.9	1372.5	1404.4
-32.5°	1231.7	1234.9	1254.1	1273.3	1282.9	1295.7	1330.9	1394.9	1455.6	1436.4	1430.0
-35°	1343.7	1334.1	1359.7	1385.3	1420.4	1465.2	1503.6	1490.8	1468.4	1462.0	1468.4
-37.5°	1663.6	1602.8	1577.2	1561.2	1551.6	1545.2	1535.6	1526.0	1516.4	1510.0	1519.6
-40°	1660.4	1644.4	1628.4	1615.6	1606.0	1593.2	1586.8	1583.6	1574.0	1567.6	1561.2
-42.5°	1654.0	1660.4	1660.4	1657.2	1660.4	1657.2	1647.6	1634.8	1618.8	1606.0	1593.2
-45°	1702.0	1705.2	1711.6	1718.0	1727.6	1714.8	1695.6	1673.2	1650.8	1631.6	1615.6
-47.5°	1730.8	1734.0	1740.4	1750.0	1756.4	1743.6	1718.0	1689.2	1654.0	1622.0	1590.0
-50°	1740.4	1750.0	1753.2	1753.2	1750.0	1734.0	1695.6	1654.0	1615.6	1583.6	1554.8
-52.5°	1695.6	1705.2	1708.4	1702.0	1698.8	1682.8	1647.6	1609.2	1567.6	1545.2	1519.6
-55°	1622.0	1634.8	1644.4	1644.4	1644.4	1641.2	1609.2	1574.0	1542.0	1516.4	1490.8
-57.5°	1593.2	1615.6	1634.8	1638.0	1641.2	1644.4	1622.0	1586.8	1548.4	1510.0	1478.0
-60°	1698.8	1718.0	1727.6	1714.8	1705.2	1695.6	1660.4	1618.8	1580.4	1542.0	1481.2
-62.5°	1670.0	1702.0	1718.0	1708.4	1695.6	1679.6	1641.2	1593.2	1548.4	1506.8	1446.0
-65°	1577.2	1606.0	1625.2	1609.2	1590.0	1567.6	1532.4	1487.6	1446.0	1404.4	1350.1
-67.5°	1420.4	1462.0	1494.0	1458.8	1433.2	1404.4	1375.7	1337.3	1295.7	1247.7	1196.5
-70°	1174.1	1206.1	1234.9	1225.3	1218.9	1212.5	1193.3	1154.9	1119.7	1081.3	1036.5
-72.5°	943.8	972.6	998.2	982.2	969.4	950.2	921.4	879.8	838.2	796.6	755.0
-75°	521.5	531.1	540.7	537.5	537.5	537.5	537.5	540.7	534.3	524.7	505.5
-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°	172.8	185.6	198.4	204.7	214.3	214.3	217.5	204.7	192.0	182.4	169.6
-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°	188.8	179.2	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	176.0	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	188.8	150.4	118.4	89.6	64.0
47.5°	518.3	473.5	438.3	396.7	348.7	303.9	262.3	217.5	166.4	131.2	99.2
45°	665.4	601.4	553.5	515.1	451.1	390.3	342.3	294.3	233.5	172.8	134.4
42.5°	767.8	719.8	655.8	604.6	547.1	483.1	419.1	367.9	303.9	233.5	172.8
40°	822.2	790.2	739.0	694.2	633.4	563.1	495.9	444.7	377.5	300.7	217.5
37.5°	863.8	847.8	822.2	787.0	729.4	646.2	579.1	518.3	460.7	371.1	281.5
35°	911.8	908.6	892.6	876.6	828.6	748.6	668.6	598.3	527.9	444.7	345.5
32.5°	956.6	953.4	943.8	937.4	918.2	847.8	761.4	681.4	601.4	515.1	406.3
30°	979.0	972.6	972.6	979.0	959.8	915.0	851.0	764.6	675.0	572.7	470.3
27.5°	979.0	972.6	975.8	985.4	982.2	959.8	911.8	841.4	742.2	627.0	527.9
25°	937.4	969.4	969.4	982.2	985.4	979.0	953.4	908.6	806.2	684.6	572.7
22.5°	879.8	956.6	985.4	982.2	985.4	1001.4	1004.5	963.0	867.0	742.2	617.4
20°	879.8	934.2	1017.3	995.0	1001.4	1036.5	1052.5	1017.3	931.0	796.6	662.2
17.5°	899.0	934.2	1004.5	1039.7	1049.3	1078.1	1103.7	1081.3	988.6	854.2	723.0
15°	953.4	947.0	995.0	1081.3	1097.3	1119.7	1148.5	1122.9	1039.7	918.2	780.6
12.5°	991.8	956.6	995.0	1087.7	1138.9	1161.3	1170.9	1151.7	1084.5	975.8	838.2
10°	1042.9	982.2	1001.4	1081.3	1154.9	1170.9	1180.5	1174.1	1126.1	1023.7	889.4
7.5°	1081.3	995.0	995.0	1071.7	1170.9	1183.7	1190.1	1196.5	1161.3	1065.3	934.2
5°	1097.3	995.0	988.6	1062.1	1186.9	1199.7	1199.7	1209.3	1186.9	1097.3	966.2
2.5°	1100.5	991.8	982.2	1055.7	1215.7	1215.7	1209.3	1218.9	1206.1	1116.5	988.6
0°	1116.5	988.6	979.0	1065.3	1247.7	1234.9	1218.9	1222.1	1215.7	1126.1	1001.4
-2.5°	1116.5	1004.5	991.8	1071.7	1244.5	1241.3	1234.9	1238.1	1231.7	1154.9	1026.9
-5°	1132.5	1026.9	1014.1	1100.5	1241.3	1250.9	1254.1	1254.1	1244.5	1174.1	1042.9
-7.5°	1135.7	1042.9	1039.7	1129.3	1247.7	1263.7	1273.3	1279.7	1260.5	1186.9	1055.7
-10°	1119.7	1049.3	1065.3	1164.5	1254.1	1276.5	1295.7	1305.3	1273.3	1193.3	1062.1
-12.5°	1084.5	1049.3	1090.9	1209.3	1270.1	1295.7	1324.5	1327.7	1286.1	1196.5	1065.3
-15°	1081.3	1074.9	1135.7	1254.1	1279.7	1311.7	1356.5	1346.9	1295.7	1196.5	1065.3
-17.5°	1078.1	1110.1	1202.9	1270.1	1295.7	1330.9	1366.1	1356.5	1302.1	1196.5	1058.9
-20°	1106.9	1167.7	1282.9	1286.1	1314.9	1353.3	1372.5	1353.3	1292.5	1186.9	1049.3

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CATALOG NUMBER: IFLD-L-SA7B-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°	1154.9	1270.1	1308.5	1321.3	1346.9	1375.7	1385.3	1356.5	1282.9	1170.9	1033.3
-25°	1276.5	1334.1	1334.1	1362.9	1388.5	1401.3	1391.7	1359.7	1270.1	1154.9	1017.3
-27.5°	1369.3	1366.1	1382.1	1410.8	1433.2	1433.2	1407.6	1343.7	1250.9	1138.9	995.0
-30°	1404.4	1407.6	1430.0	1462.0	1468.4	1452.4	1414.0	1330.9	1234.9	1113.3	966.2
-32.5°	1439.6	1452.4	1481.2	1497.2	1500.4	1468.4	1398.1	1308.5	1209.3	1084.5	934.2
-35°	1481.2	1506.8	1522.8	1526.0	1510.0	1455.6	1375.7	1279.7	1170.9	1042.9	905.4
-37.5°	1535.6	1548.4	1558.0	1545.2	1500.4	1436.4	1337.3	1241.3	1135.7	998.2	863.8
-40°	1570.8	1577.2	1580.4	1538.8	1484.4	1391.7	1295.7	1196.5	1074.9	947.0	819.0
-42.5°	1593.2	1586.8	1561.2	1516.4	1436.4	1346.9	1254.1	1142.1	1020.5	895.8	771.0
-45°	1586.8	1564.4	1526.0	1471.6	1388.5	1298.9	1190.1	1078.1	963.0	841.4	716.6
-47.5°	1561.2	1526.0	1478.0	1414.0	1337.3	1228.5	1119.7	1010.9	899.0	780.6	665.4
-50°	1529.2	1487.6	1430.0	1350.1	1247.7	1148.5	1049.3	943.8	828.6	719.8	617.4
-52.5°	1494.0	1449.2	1375.7	1286.1	1174.1	1071.7	975.8	873.4	767.8	665.4	575.9
-55°	1455.6	1410.8	1327.7	1225.3	1113.3	1001.4	908.6	822.2	719.8	620.6	540.7
-57.5°	1436.4	1378.9	1292.5	1190.1	1071.7	956.6	876.6	783.8	691.0	588.7	511.9
-60°	1420.4	1362.9	1282.9	1164.5	1052.5	943.8	851.0	761.4	662.2	566.3	489.5
-62.5°	1375.7	1314.9	1241.3	1126.1	1017.3	918.2	835.0	729.4	633.4	543.9	473.5
-65°	1286.1	1222.1	1158.1	1055.7	956.6	863.8	780.6	684.6	595.1	518.3	457.5
-67.5°	1145.3	1090.9	1033.3	947.0	863.8	780.6	703.8	620.6	547.1	492.7	460.7
-70°	988.6	931.0	873.4	803.0	732.6	665.4	604.6	543.9	495.9	467.1	441.5
-72.5°	719.8	694.2	665.4	611.0	553.5	511.9	483.1	457.5	422.3	396.7	380.7
-75°	479.9	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	195.2
-80°	345.5	329.5	313.5	297.5	281.5	259.1	233.5	207.9	195.2	185.6	182.4
-82.5°	284.7	265.5	246.3	230.3	207.9	192.0	176.0	163.2	163.2	160.0	156.8
-85°	163.2	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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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°	166.4	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	188.8	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	185.6	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	176.0	124.8	80.0	51.2	32.0	19.2	16.0	12.8
22.5°	505.5	390.3	287.9	201.5	144.0	92.8	57.6	35.2	22.4	16.0	12.8
20°	556.7	435.1	323.1	230.3	160.0	105.6	64.0	38.4	22.4	16.0	12.8
17.5°	604.6	479.9	358.3	255.9	179.2	118.4	73.6	41.6	25.6	16.0	12.8
15°	652.6	521.5	390.3	281.5	198.4	131.2	80.0	44.8	28.8	16.0	12.8
12.5°	697.4	559.9	419.1	303.9	214.3	144.0	86.4	48.0	32.0	16.0	12.8
10°	739.0	595.1	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	166.4	99.2	57.6	38.4	19.2	12.8
5°	806.2	649.4	489.5	358.3	265.5	179.2	105.6	60.8	41.6	19.2	12.8
2.5°	828.6	668.6	502.3	374.3	281.5	188.8	105.6	64.0	44.8	19.2	12.8
0°	841.4	681.4	511.9	383.9	294.3	195.2	108.8	67.2	48.0	19.2	12.8
-2.5°	870.2	703.8	534.3	396.7	307.1	214.3	115.2	70.4	51.2	22.4	12.8
-5°	889.4	716.6	550.3	409.5	316.7	233.5	124.8	76.8	57.6	28.8	16.0
-7.5°	905.4	729.4	563.1	415.9	326.3	239.9	128.0	80.0	60.8	32.0	16.0
-10°	908.6	735.8	572.7	425.5	332.7	249.5	131.2	83.2	64.0	35.2	16.0
-12.5°	911.8	742.2	575.9	431.9	339.1	255.9	134.4	86.4	67.2	38.4	16.0
-15°	908.6	739.0	575.9	438.3	342.3	249.5	140.8	89.6	70.4	41.6	16.0
-17.5°	902.2	735.8	572.7	435.1	339.1	243.1	144.0	96.0	70.4	44.8	19.2
-20°	892.6	726.2	566.3	431.9	335.9	236.7	147.2	99.2	73.6	44.8	19.2

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CATALOG NUMBER: IFLD-L-SA7B-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°	876.6	710.2	553.5	422.3	329.5	230.3	147.2	105.6	76.8	44.8	19.2
-25°	857.4	694.2	540.7	409.5	319.9	220.7	147.2	108.8	80.0	44.8	19.2
-27.5°	835.0	678.2	521.5	399.9	307.1	214.3	147.2	112.0	83.2	44.8	19.2
-30°	809.4	655.8	505.5	383.9	297.5	214.3	150.4	115.2	86.4	44.8	19.2
-32.5°	783.8	633.4	486.3	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	575.9	454.3	351.9	268.7	198.4	153.6	121.6	83.2	41.6	22.4
-40°	681.4	550.3	435.1	339.1	259.1	195.2	153.6	121.6	80.0	41.6	25.6
-42.5°	639.8	521.5	415.9	326.3	249.5	192.0	153.6	121.6	76.8	41.6	25.6
-45°	601.4	492.7	393.5	310.3	239.9	192.0	153.6	118.4	70.4	44.8	25.6
-47.5°	559.9	460.7	367.9	294.3	236.7	188.8	150.4	112.0	64.0	44.8	25.6
-50°	524.7	428.7	348.7	278.3	230.3	192.0	153.6	102.4	64.0	44.8	25.6
-52.5°	489.5	406.3	326.3	271.9	223.9	195.2	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	195.2	134.4	83.2	64.0	41.6	25.6
-60°	422.3	358.3	307.1	278.3	243.1	185.6	128.0	83.2	64.0	41.6	22.4
-62.5°	409.5	361.5	323.1	287.9	230.3	172.8	121.6	83.2	57.6	38.4	22.4
-65°	412.7	374.3	329.5	275.1	220.7	160.0	112.0	80.0	54.4	35.2	22.4
-67.5°	422.3	364.7	310.3	259.1	198.4	144.0	102.4	73.6	51.2	35.2	22.4
-70°	390.3	335.9	281.5	220.7	169.6	124.8	96.0	67.2	44.8	32.0	22.4
-72.5°	351.9	281.5	223.9	179.2	144.0	115.2	86.4	60.8	41.6	28.8	19.2
-75°	255.9	204.7	166.4	150.4	128.0	102.4	76.8	54.4	38.4	28.8	19.2
-77.5°	182.4	169.6	153.6	137.6	115.2	89.6	67.2	51.2	35.2	25.6	16.0
-80°	179.2	163.2	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-SA7B-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°	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: P723828

CATALOG NUMBER: IFLD-L-SA7B-827-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)