

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: P722000

Luminaire Tested: **IFLD-S-SA6C-727-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722000
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-727-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

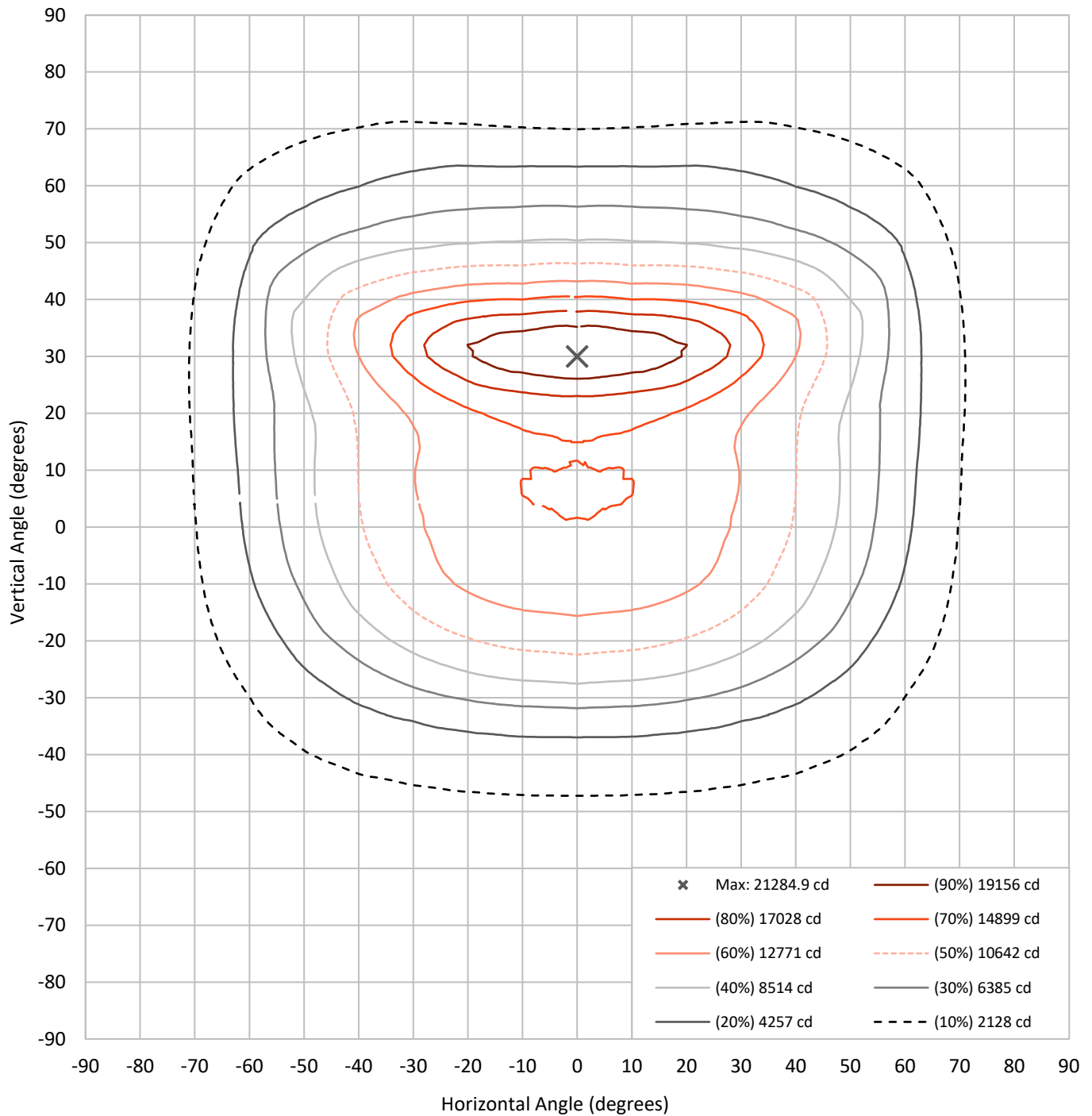
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	35529.9 lumens	Max Intensity:	21284.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	110.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20661.1 lumens	Field Lumens:	33296.1 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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



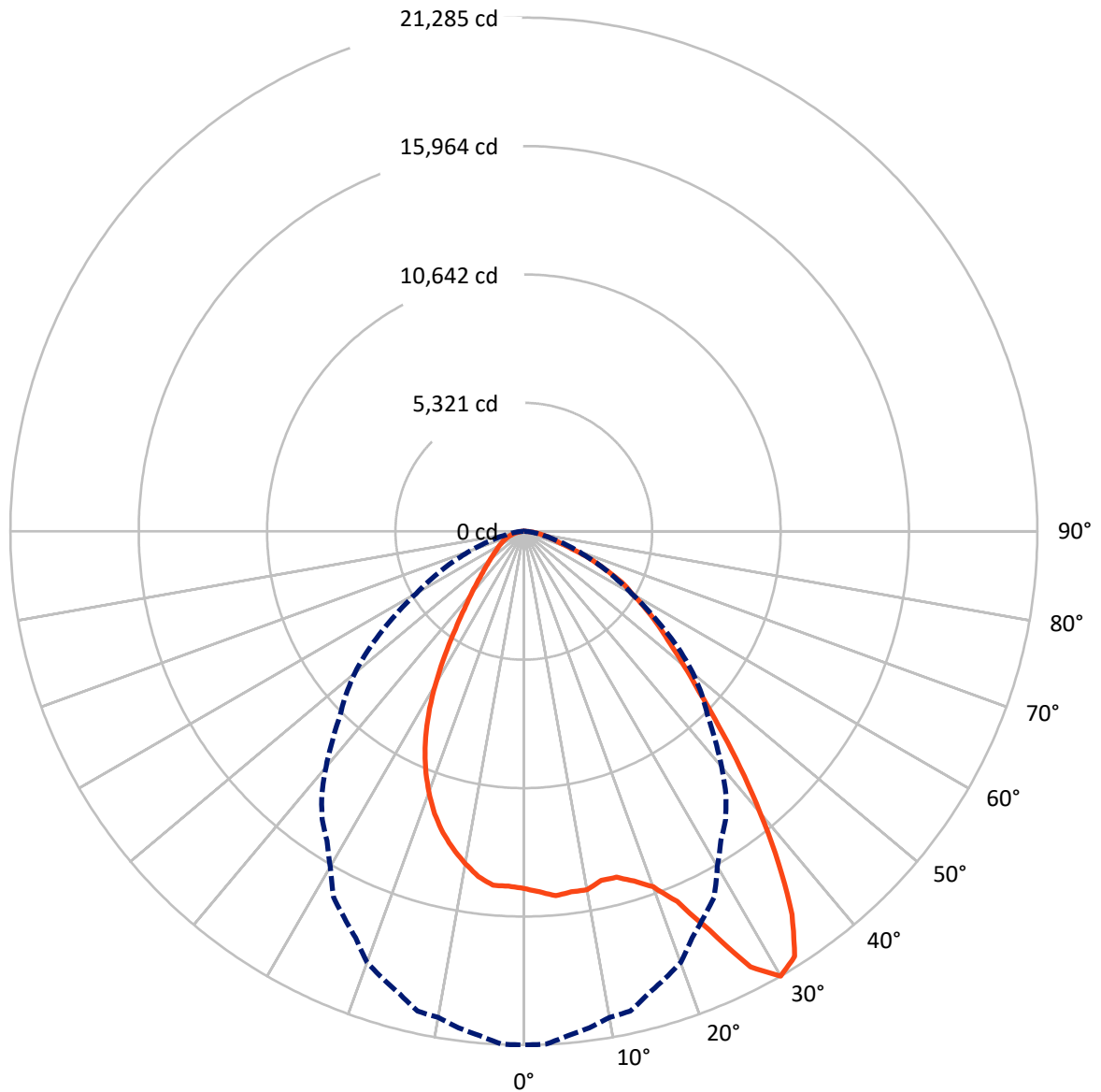
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Iso-Candela Plot



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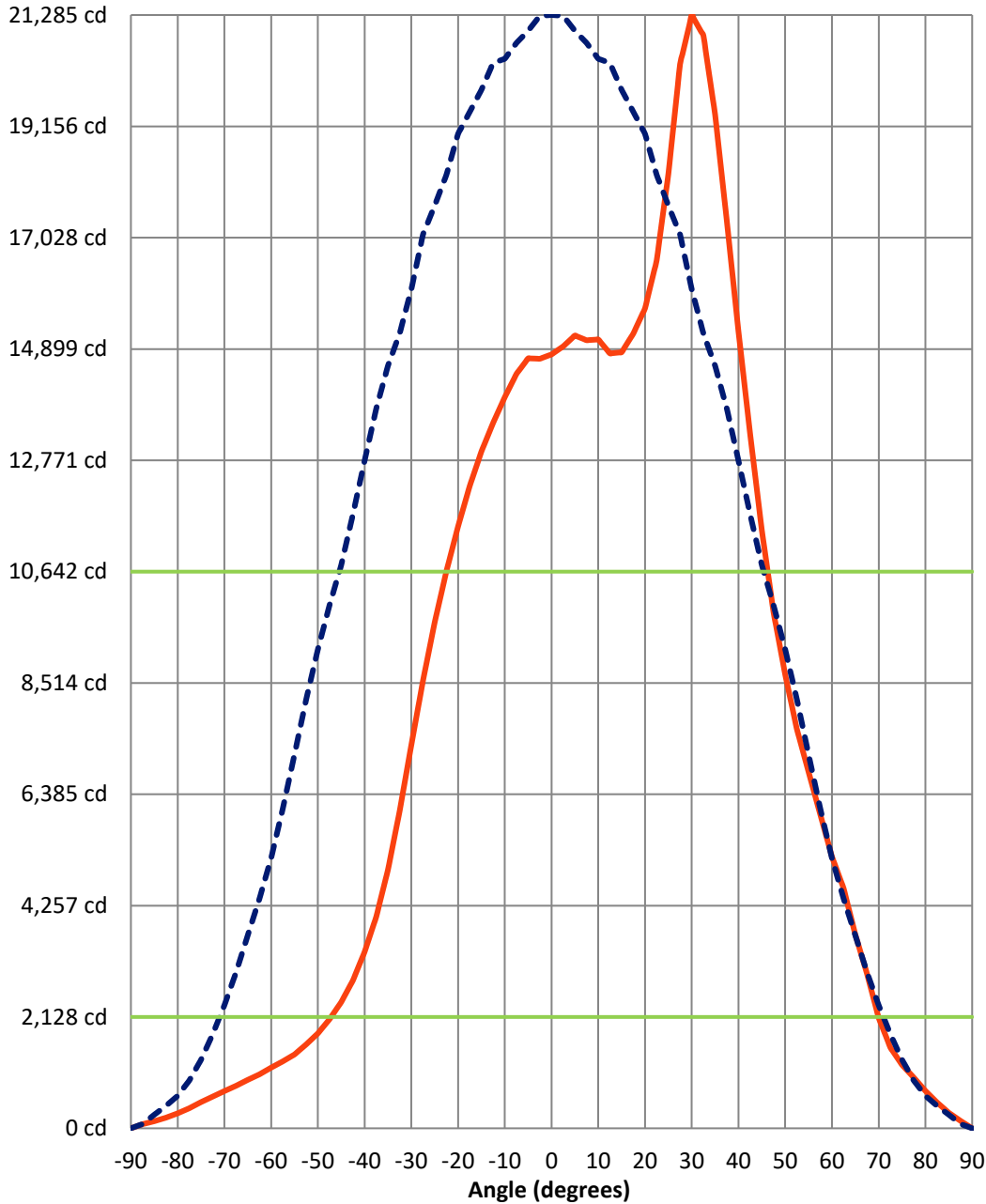
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 20661.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 33296.1
 Efficiency: 93.7%

Spill:
 Lumens: 2233.8
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-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°	143.0	146.8	150.6	150.6	146.8	146.8	146.8	143.0	146.8	146.8	146.8
85°	297.3	304.9	312.4	308.6	304.9	297.3	289.8	293.6	297.3	301.1	301.1
82.5°	493.1	504.4	511.9	508.1	500.6	493.1	485.5	489.3	496.8	500.6	500.6
80°	715.1	718.9	722.7	730.2	718.9	718.9	715.1	730.2	737.7	745.3	752.8
77.5°	971.1	974.9	974.9	978.6	982.4	986.1	986.1	1012.5	1031.3	1042.6	1053.9
75°	1212.0	1223.3	1234.6	1245.9	1260.9	1268.4	1279.7	1317.4	1347.5	1370.1	1392.6
72.5°	1543.2	1558.3	1577.1	1603.4	1629.8	1648.6	1674.9	1720.1	1754.0	1776.6	1802.9
70°	2111.6	2126.6	2145.4	2164.3	2190.6	2209.4	2235.8	2292.2	2326.1	2341.2	2356.2
67.5°	2954.7	2992.3	3026.2	2988.5	2969.7	2943.4	2950.9	3003.6	3037.5	3060.1	3056.3
65°	3703.7	3730.0	3730.0	3726.3	3711.2	3677.3	3696.2	3760.2	3797.8	3816.6	3760.2
62.5°	4584.4	4584.4	4565.6	4595.7	4599.5	4576.9	4565.6	4569.4	4573.2	4584.4	4490.4
60°	5194.2	5231.8	5243.1	5269.5	5277.0	5277.0	5295.8	5310.9	5310.9	5288.3	5179.1
57.5°	5999.7	6071.2	6086.3	6067.4	6029.8	5980.9	5973.3	5950.8	5905.6	5860.4	5807.7
55°	6812.7	6850.3	6846.6	6835.3	6797.6	6741.2	6748.7	6718.6	6647.1	6590.6	6519.1
52.5°	7629.5	7719.8	7734.8	7712.3	7659.6	7599.3	7603.1	7569.2	7497.7	7437.5	7339.6
50°	8672.1	8747.3	8739.8	8702.2	8626.9	8581.7	8585.5	8521.5	8438.7	8419.9	8291.9
47.5°	9865.2	9951.8	9936.7	9884.0	9782.4	9763.6	9782.4	9699.6	9650.7	9609.3	9458.7
45°	11431.0	11532.6	11476.2	11374.6	11212.7	11231.5	11257.9	11242.8	11137.4	11028.3	10836.3
42.5°	13267.8	13331.8	13264.0	13162.4	12959.2	12996.8	12981.7	12891.4	12827.4	12646.8	12402.1
40°	15232.6	15371.8	15266.4	15108.4	14897.6	14954.0	14912.6	14796.0	14645.4	14419.6	14110.9
37.5°	17351.7	17460.8	17340.4	17155.9	16967.7	16948.9	16866.1	16685.4	16470.9	16222.5	15729.4
35°	19380.4	19662.7	19440.6	19147.0	18917.4	18830.9	18751.8	18334.0	18089.4	17686.6	17012.9
32.5°	20889.7	21096.7	20822.0	20517.1	20238.6	20118.1	19839.6	19342.8	19211.0	18364.1	17746.9
30°	21284.9	21269.9	20983.8	20750.5	20449.4	20366.5	19854.7	19433.1	19011.5	18228.6	17641.5
27.5°	20344.0	20249.9	19975.1	19771.9	19474.5	19376.6	18872.3	18646.4	17995.3	17332.8	16836.0
25°	18247.5	18296.4	18089.4	17987.8	17792.0	17581.3	17381.8	17076.9	16670.4	16090.7	15635.3
22.5°	16595.1	16659.1	16572.5	16452.1	16301.5	16184.8	16034.3	15797.2	15405.7	15048.1	14619.0
20°	15676.7	15657.9	15582.6	15492.3	15349.2	15266.4	15100.8	14901.3	14600.2	14291.6	13828.6
17.5°	15194.9	15078.2	15006.7	14972.9	14897.6	14792.2	14596.5	14393.2	14159.9	13809.8	13471.1
15°	14837.4	14856.2	14799.7	14773.4	14713.1	14566.4	14366.9	14201.3	13885.1	13708.2	13399.5
12.5°	14814.8	14796.0	14799.7	14788.4	14713.1	14525.0	14423.3	14212.5	14009.3	13775.9	13422.1
10°	15082.0	14882.5	14897.6	14950.3	14829.8	14679.3	14570.1	14340.5	14148.6	13851.2	13501.2
7.5°	15067.0	14965.3	14995.4	14908.9	14946.5	14762.1	14611.5	14381.9	14141.0	13824.9	13508.7
5°	15157.3	15003.0	14976.6	14984.1	14890.1	14750.8	14547.5	14329.2	14103.4	13749.6	13425.9
2.5°	14950.3	14972.9	14852.4	14807.2	14796.0	14562.6	14374.4	14163.6	13930.3	13617.8	13328.0
0°	14796.0	14837.4	14713.1	14649.2	14645.4	14445.9	14325.5	14084.6	13919.0	13659.3	13309.2
-2.5°	14713.1	14762.1	14777.1	14660.5	14547.5	14393.2	14190.0	13930.3	13659.3	13358.1	13057.0
-5°	14720.7	14622.8	14581.4	14619.0	14521.2	14366.9	14141.0	13911.4	13644.2	13320.5	12944.1
-7.5°	14423.3	14325.5	14317.9	14299.1	14276.5	14129.7	13941.5	13693.1	13422.1	13121.0	12771.0
-10°	13979.2	13907.7	13888.9	13870.0	13809.8	13723.2	13546.3	13320.5	13075.8	12774.7	12402.1
-12.5°	13486.1	13452.2	13380.7	13331.8	13271.6	13169.9	13000.6	12793.6	12548.9	12281.7	11961.7
-15°	12940.3	12876.4	12804.8	12763.4	12676.9	12556.4	12387.0	12195.1	11927.8	11664.4	11363.3
-17.5°	12281.7	12202.6	12123.6	12112.3	12052.1	11867.6	11709.5	11476.2	11242.8	10990.6	10697.0
-20°	11506.3	11397.1	11344.4	11314.3	11231.5	11096.0	10926.6	10712.1	10486.3	10245.4	9906.6



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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°	10648.1	10554.0	10463.7	10407.2	10335.7	10230.3	10068.5	9880.3	9658.2	9387.2	9074.8
-25°	9673.3	9541.5	9485.1	9421.1	9383.4	9285.6	9127.5	8954.4	8724.8	8461.3	8163.9
-27.5°	8559.1	8453.8	8423.6	8333.3	8288.1	8186.5	8054.8	7892.9	7682.2	7433.7	7189.1
-30°	7328.3	7264.4	7215.4	7125.1	7091.2	6982.1	6895.5	6760.0	6568.0	6391.1	6195.4
-32.5°	6063.7	5999.7	5984.6	5943.2	5920.6	5849.1	5751.3	5653.4	5499.1	5367.3	5209.3
-35°	4942.0	4896.9	4900.6	4896.9	4874.3	4821.6	4701.1	4674.8	4561.9	4441.4	4339.8
-37.5°	4046.2	4050.0	4046.2	4042.4	4012.3	3989.8	3903.2	3869.3	3801.6	3684.9	3624.7
-40°	3372.5	3380.0	3376.2	3368.7	3334.8	3323.5	3267.1	3221.9	3195.6	3112.8	3048.8
-42.5°	2826.7	2838.0	2834.2	2830.5	2807.9	2804.1	2774.0	2721.3	2706.3	2657.3	2589.6
-45°	2412.7	2408.9	2401.4	2408.9	2397.6	2386.3	2367.5	2333.6	2314.8	2292.2	2235.8
-47.5°	2085.2	2089.0	2081.4	2081.4	2066.4	2055.1	2047.6	2025.0	2009.9	1991.1	1957.2
-50°	1814.2	1829.3	1825.5	1821.7	1810.4	1802.9	1802.9	1780.3	1757.7	1750.2	1727.6
-52.5°	1603.4	1614.7	1618.5	1626.0	1629.8	1633.5	1622.2	1599.7	1562.0	1558.3	1547.0
-55°	1411.5	1445.3	1467.9	1483.0	1498.0	1509.3	1486.7	1456.6	1419.0	1403.9	1400.2
-57.5°	1279.7	1313.6	1340.0	1362.5	1381.4	1400.2	1377.6	1347.5	1313.6	1294.8	1291.0
-60°	1159.3	1189.4	1215.7	1245.9	1272.2	1302.3	1291.0	1268.4	1249.6	1234.6	1219.5
-62.5°	1031.3	1061.4	1091.5	1129.2	1163.1	1193.2	1196.9	1193.2	1189.4	1193.2	1166.8
-65°	925.9	941.0	959.8	1001.2	1038.8	1072.7	1091.5	1102.8	1121.6	1140.5	1114.1
-67.5°	813.0	831.8	854.4	884.5	914.6	937.2	963.6	993.7	1023.8	1053.9	1035.1
-70°	711.4	726.4	745.3	760.3	779.1	794.2	816.8	850.6	884.5	914.6	907.1
-72.5°	606.0	621.0	632.3	639.9	651.2	658.7	670.0	700.1	722.7	737.7	737.7
-75°	500.6	515.7	526.9	530.7	538.2	542.0	549.5	560.8	572.1	575.9	579.6
-77.5°	383.9	399.0	410.3	417.8	425.3	432.9	436.6	444.1	447.9	447.9	451.7
-80°	286.1	297.3	304.9	316.2	319.9	327.5	335.0	338.8	342.5	342.5	346.3
-82.5°	203.3	210.8	218.3	225.8	233.4	237.1	244.7	248.4	252.2	255.9	259.7
-85°	135.5	143.0	150.6	158.1	161.8	165.6	169.4	173.1	176.9	180.7	184.4
-87.5°	79.0	82.8	86.6	94.1	97.9	105.4	109.2	105.4	109.2	109.2	109.2
-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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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°	146.8	146.8	146.8	146.8	143.0	135.5	131.7	124.2	116.7	109.2	101.6
85°	304.9	308.6	308.6	308.6	301.1	297.3	286.1	274.8	259.7	237.1	218.3
82.5°	508.1	511.9	511.9	508.1	500.6	489.3	474.3	455.4	425.3	395.2	368.9
80°	764.1	767.8	767.8	764.1	745.3	726.4	707.6	685.0	647.4	606.0	560.8
77.5°	1069.0	1076.5	1076.5	1065.2	1038.8	1016.3	986.1	948.5	892.0	831.8	771.6
75°	1422.8	1441.6	1445.3	1434.1	1400.2	1358.8	1309.8	1245.9	1159.3	1084.0	1012.5
72.5°	1833.0	1851.8	1866.9	1851.8	1802.9	1746.5	1674.9	1599.7	1513.1	1411.5	1291.0
70°	2371.3	2390.1	2401.4	2352.4	2265.9	2171.8	2085.2	1998.6	1897.0	1772.8	1641.1
67.5°	3048.8	3030.0	3007.4	2909.5	2800.4	2687.4	2567.0	2439.0	2307.3	2175.5	2021.2
65°	3699.9	3647.2	3598.3	3481.6	3342.4	3195.6	3056.3	2913.3	2755.2	2589.6	2442.8
62.5°	4385.0	4272.0	4151.6	4008.6	3865.5	3703.7	3564.4	3395.1	3218.1	3014.9	2826.7
60°	5058.7	4923.2	4802.8	4625.9	4437.7	4219.3	4068.8	3903.2	3696.2	3477.9	3255.8
57.5°	5709.9	5563.1	5431.3	5277.0	5073.8	4836.6	4671.0	4456.5	4238.2	3963.4	3737.6
55°	6402.4	6255.6	6150.2	5977.1	5755.0	5536.7	5356.1	5130.2	4825.3	4531.8	4253.2
52.5°	7196.6	7079.9	6967.0	6790.1	6522.9	6300.8	6101.3	5849.1	5529.2	5167.9	4832.9
50°	8084.9	8024.7	7904.2	7697.2	7392.3	7196.6	6933.1	6598.1	6255.6	5875.5	5457.7
47.5°	9263.0	9165.1	8995.8	8769.9	8514.0	8220.4	7866.6	7475.1	6989.6	6568.0	6123.9
45°	10670.7	10490.0	10271.7	9966.8	9650.7	9319.5	8931.8	8434.9	7783.8	7234.2	6767.5
42.5°	12195.1	11950.4	11653.1	11254.1	10843.8	10437.3	10019.5	9342.0	8529.0	7896.7	7369.7
40°	13787.2	13474.8	13102.2	12522.5	12067.1	11543.9	11065.9	10053.4	9187.7	8502.7	7941.9
37.5°	15345.5	14950.3	14325.5	13621.6	13090.9	12661.8	11611.7	10527.7	9752.3	8999.5	8431.2
35°	16538.6	16203.7	15100.8	14370.6	13915.2	13237.7	11924.1	10813.7	9993.2	9368.4	8483.9
32.5°	17246.3	16380.6	15413.2	14675.5	14299.1	13188.8	11946.7	10896.5	10106.1	9406.0	8348.4
30°	17088.2	16041.8	15194.9	14577.6	13760.9	12763.4	11735.9	10768.6	10000.7	9153.8	8197.8
27.5°	16135.9	15326.7	14570.1	13926.5	13124.8	12229.0	11280.5	10429.8	9714.7	8894.1	7990.8
25°	15059.4	14325.5	13764.6	13203.8	12443.5	11589.1	10753.5	10140.0	9421.1	8611.8	7719.8
22.5°	14069.5	13542.6	13102.2	12515.0	11773.5	11028.3	10508.9	9872.8	9135.0	8314.5	7441.3
20°	13437.2	13079.6	12575.2	11927.8	11344.4	10877.7	10301.8	9628.1	8867.8	8009.6	7204.1
17.5°	13132.3	12718.3	12157.4	11735.9	11288.0	10776.1	10132.5	9417.3	8608.1	7870.3	7230.5
15°	12974.2	12537.6	12168.7	11754.7	11250.3	10712.1	9997.0	9255.5	8608.1	7926.8	7249.3
12.5°	13008.1	12631.7	12229.0	11777.3	11235.3	10659.4	10012.0	9323.2	8653.2	7968.2	7253.1
10°	13113.5	12718.3	12289.2	11788.6	11242.8	10674.5	10053.4	9364.6	8675.8	7987.0	7245.5
7.5°	13151.1	12722.0	12262.8	11758.5	11224.0	10666.9	10060.9	9375.9	8679.6	7983.3	7223.0
5°	13034.4	12646.8	12202.6	11694.5	11171.3	10629.3	10030.8	9360.9	8649.5	7945.6	7166.5
2.5°	12876.4	12564.0	12138.6	11649.3	11118.6	10576.6	9981.9	9293.1	8581.7	7877.9	7095.0
0°	12850.0	12462.3	12033.2	11596.6	11032.0	10459.9	9869.0	9165.1	8457.5	7749.9	6970.8
-2.5°	12676.9	12266.6	11837.5	11363.3	10866.4	10290.5	9669.5	8980.7	8280.6	7584.3	6835.3
-5°	12545.1	12089.7	11634.3	11122.4	10621.8	10045.9	9402.3	8732.3	8047.3	7369.7	6647.1
-7.5°	12368.2	11901.5	11423.5	10889.0	10347.0	9759.8	9123.7	8453.8	7780.0	7106.3	6413.7
-10°	12010.7	11600.4	11152.5	10599.2	10027.1	9439.9	8807.6	8148.9	7475.1	6793.9	6097.5
-12.5°	11577.8	11145.0	10655.6	10147.5	9635.6	9089.9	8457.5	7810.1	7132.6	6447.6	5755.0
-15°	11017.0	10591.7	10091.1	9594.2	9101.1	8578.0	8020.9	7437.5	6748.7	6075.0	5382.4
-17.5°	10316.9	9917.9	9470.0	8995.8	8506.5	7979.5	7437.5	6944.4	6300.8	5668.5	4983.4
-20°	9564.1	9191.5	8788.7	8340.8	7851.5	7335.9	6824.0	6308.3	5751.3	5194.2	4558.1



REPORT NUMBER: P722000
 CATALOG NUMBER: IFLD-S-SA6C-727-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8781.2	8404.8	7998.3	7580.5	7128.9	6650.8	6176.6	5683.5	5194.2	4689.8	4151.6
-25°	7877.9	7546.7	7174.0	6767.5	6364.8	5947.0	5495.3	5047.4	4629.6	4193.0	3752.6
-27.5°	6933.1	6628.3	6289.5	5935.7	5589.4	5239.4	4847.9	4433.9	4087.6	3726.3	3361.2
-30°	5939.5	5694.8	5420.0	5111.4	4844.2	4561.9	4234.4	3891.9	3575.7	3301.0	3007.4
-32.5°	4998.5	4791.5	4595.7	4392.5	4129.0	3910.7	3684.9	3432.7	3154.2	2894.5	2683.7
-35°	4189.2	3967.2	3884.4	3733.8	3545.6	3353.6	3188.0	3007.4	2796.6	2567.0	2393.9
-37.5°	3508.0	3376.2	3259.6	3176.7	3052.5	2898.2	2766.5	2634.7	2472.9	2299.8	2126.6
-40°	2977.3	2886.9	2759.0	2717.5	2638.5	2533.1	2397.6	2296.0	2186.8	2055.1	1908.3
-42.5°	2551.9	2484.2	2401.4	2329.9	2296.0	2220.7	2115.3	2017.5	1930.9	1840.6	1727.6
-45°	2201.9	2156.7	2104.0	2040.0	2013.7	1953.5	1878.2	1769.0	1720.1	1644.8	1562.0
-47.5°	1919.6	1897.0	1859.4	1818.0	1780.3	1735.2	1667.4	1599.7	1531.9	1483.0	1419.0
-50°	1697.5	1682.5	1659.9	1626.0	1577.1	1547.0	1501.8	1441.6	1377.6	1336.2	1291.0
-52.5°	1520.6	1505.6	1490.5	1464.2	1426.5	1396.4	1358.8	1309.8	1257.1	1215.7	1178.1
-55°	1385.1	1362.5	1351.2	1328.7	1298.6	1264.7	1230.8	1196.9	1151.8	1114.1	1076.5
-57.5°	1279.7	1249.6	1234.6	1215.7	1185.6	1151.8	1125.4	1091.5	1061.4	1020.0	986.1
-60°	1196.9	1163.1	1132.9	1114.1	1087.8	1053.9	1027.5	1001.2	971.1	937.2	895.8
-62.5°	1129.2	1087.8	1046.4	1023.8	997.4	967.3	941.0	914.6	884.5	850.6	813.0
-65°	1065.2	1016.3	963.6	941.0	914.6	884.5	850.6	831.8	805.5	775.4	737.7
-67.5°	986.1	933.5	888.3	861.9	835.6	809.2	779.1	760.3	734.0	696.3	658.7
-70°	869.5	835.6	805.5	782.9	760.3	737.7	707.6	677.5	647.4	613.5	579.6
-72.5°	722.7	711.4	707.6	696.3	670.0	643.6	613.5	583.4	557.1	530.7	504.4
-75°	583.4	590.9	598.5	594.7	568.4	542.0	515.7	489.3	470.5	447.9	425.3
-77.5°	463.0	470.5	478.0	478.0	459.2	444.1	425.3	406.5	391.4	372.6	350.0
-80°	357.6	368.9	380.2	387.7	372.6	361.3	346.3	331.2	316.2	301.1	286.1
-82.5°	271.0	282.3	293.6	301.1	289.8	282.3	271.0	259.7	248.4	233.4	222.1
-85°	195.7	203.3	210.8	214.5	207.0	199.5	192.0	184.4	176.9	165.6	158.1
-87.5°	112.9	116.7	120.4	124.2	116.7	109.2	105.4	97.9	94.1	86.6	82.8
-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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 CATALOG NUMBER: IFLD-S-SA6C-727-U-76

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°	94.1	86.6	79.0	75.3	67.8	56.5	48.9	41.4	33.9	26.3	22.6
85°	199.5	180.7	158.1	146.8	131.7	116.7	101.6	86.6	71.5	56.5	41.4
82.5°	342.5	319.9	297.3	271.0	237.1	195.7	154.3	128.0	105.4	82.8	64.0
80°	515.7	474.3	436.6	402.7	365.1	312.4	255.9	203.3	143.0	109.2	82.8
77.5°	715.1	666.2	613.5	557.1	496.8	425.3	361.3	293.6	222.1	150.6	105.4
75°	941.0	877.0	805.5	726.4	647.4	553.3	463.0	383.9	301.1	210.8	128.0
72.5°	1193.2	1114.1	1027.5	922.2	798.0	688.8	579.6	474.3	376.4	267.2	173.1
70°	1516.9	1392.6	1264.7	1151.8	993.7	820.5	692.6	572.1	447.9	327.5	218.3
67.5°	1863.1	1712.6	1558.3	1392.6	1193.2	989.9	805.5	670.0	523.2	383.9	259.7
65°	2239.5	2051.3	1855.6	1671.2	1396.4	1155.5	948.5	764.1	594.7	436.6	301.1
62.5°	2627.2	2405.1	2179.3	1938.4	1622.2	1324.9	1084.0	869.5	662.4	485.5	338.8
60°	3041.2	2781.5	2506.8	2205.7	1836.8	1509.3	1212.0	978.6	734.0	534.5	380.2
57.5°	3477.9	3195.6	2871.9	2465.4	2058.9	1686.2	1358.8	1076.5	798.0	579.6	410.3
55°	3952.1	3628.4	3274.6	2736.4	2277.2	1863.1	1505.6	1174.3	865.7	617.3	440.4
52.5°	4464.0	4087.6	3639.7	3022.4	2506.8	2043.8	1641.1	1260.9	929.7	658.7	466.7
50°	5036.1	4561.9	3959.6	3285.9	2706.3	2213.2	1776.6	1355.0	982.4	703.9	489.3
47.5°	5630.8	5118.9	4245.7	3530.6	2909.5	2378.8	1915.8	1437.8	1035.1	741.5	511.9
45°	6251.9	5506.6	4543.0	3748.9	3086.4	2529.4	2021.2	1513.1	1099.1	775.4	530.7
42.5°	6865.4	5800.2	4802.8	3967.2	3252.0	2664.9	2107.8	1584.6	1151.8	809.2	549.5
40°	7155.2	6022.3	5009.8	4117.7	3391.3	2785.3	2183.1	1648.6	1196.9	831.8	568.4
37.5°	7275.6	6157.8	5145.3	4260.8	3500.4	2849.3	2247.1	1705.1	1234.6	854.4	583.4
35°	7302.0	6206.7	5213.0	4358.6	3590.8	2909.5	2296.0	1746.5	1264.7	877.0	598.5
32.5°	7253.1	6191.6	5231.8	4392.5	3647.2	2954.7	2329.9	1776.6	1287.3	899.6	613.5
30°	7143.9	6112.6	5164.1	4388.7	3688.6	2981.0	2352.4	1799.2	1309.8	914.6	621.0
27.5°	6967.0	5973.3	5077.5	4392.5	3711.2	2992.3	2363.7	1810.4	1324.9	925.9	636.1
25°	6748.7	5785.1	5081.3	4385.0	3715.0	2996.1	2363.7	1810.4	1328.7	929.7	647.4
22.5°	6496.5	5785.1	5081.3	4373.7	3692.4	2988.5	2352.4	1802.9	1328.7	937.2	658.7
20°	6511.6	5788.9	5070.0	4351.1	3658.5	2966.0	2326.1	1784.1	1317.4	948.5	666.2
17.5°	6522.9	5781.4	5047.4	4321.0	3613.4	2928.3	2292.2	1757.7	1317.4	959.8	670.0
15°	6522.9	5758.8	5013.5	4275.8	3556.9	2875.6	2243.3	1735.2	1321.1	963.6	677.5
12.5°	6511.6	5717.4	4960.8	4215.6	3489.2	2811.6	2213.2	1727.6	1321.1	967.3	677.5
10°	6489.0	5660.9	4893.1	4140.3	3425.2	2789.1	2198.1	1712.6	1313.6	967.3	677.5
7.5°	6447.6	5593.2	4836.6	4095.1	3387.5	2762.7	2175.5	1690.0	1302.3	959.8	685.0
5°	6383.6	5555.5	4791.5	4042.4	3334.8	2743.9	2160.5	1671.2	1294.8	959.8	677.5
2.5°	6300.8	5510.4	4738.8	3974.7	3274.6	2679.9	2111.6	1629.8	1268.4	944.7	670.0
0°	6165.3	5420.0	4648.4	3880.6	3191.8	2615.9	2062.6	1588.4	1242.1	929.7	662.4
-2.5°	6041.1	5299.6	4531.8	3782.7	3112.8	2559.5	2025.0	1565.8	1230.8	925.9	658.7
-5°	5867.9	5134.0	4377.4	3654.8	3007.4	2503.0	1987.3	1539.4	1219.5	918.4	658.7
-7.5°	5676.0	4960.8	4215.6	3523.0	2902.0	2405.1	1915.8	1498.0	1193.2	903.3	654.9
-10°	5378.6	4701.1	4012.3	3372.5	2789.1	2318.6	1855.6	1460.4	1170.6	888.3	639.9
-12.5°	5062.5	4415.1	3779.0	3188.0	2661.1	2228.2	1787.9	1419.0	1144.2	873.2	632.3
-15°	4727.5	4121.5	3534.3	2996.1	2521.8	2119.1	1716.3	1373.8	1117.9	854.4	621.0
-17.5°	4377.4	3812.8	3282.1	2800.4	2382.6	2006.2	1641.1	1332.4	1087.8	835.6	609.8
-20°	4008.6	3496.7	3026.2	2600.9	2235.8	1893.2	1562.0	1283.5	1053.9	813.0	594.7



REPORT NUMBER: P722000

CATALOG NUMBER: IFLD-S-SA6C-727-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3643.5	3184.3	2762.7	2405.1	2085.2	1776.6	1483.0	1234.6	1016.3	786.7	583.4
-25°	3319.8	2890.7	2529.4	2216.9	1938.4	1663.7	1400.2	1185.6	974.9	760.3	568.4
-27.5°	3003.6	2638.5	2299.8	2040.0	1795.4	1554.5	1321.1	1132.9	933.5	730.2	553.3
-30°	2710.0	2397.6	2119.1	1866.9	1659.9	1456.6	1253.4	1080.2	888.3	700.1	534.5
-32.5°	2442.8	2190.6	1957.2	1716.3	1531.9	1358.8	1189.4	1027.5	843.1	670.0	515.7
-35°	2194.4	1998.6	1795.4	1592.1	1403.9	1268.4	1121.6	971.1	801.7	636.1	496.8
-37.5°	1972.3	1814.2	1652.4	1479.2	1317.4	1181.9	1057.7	914.6	760.3	606.0	478.0
-40°	1780.3	1652.4	1509.3	1370.1	1234.6	1106.6	993.7	858.2	718.9	583.4	459.2
-42.5°	1603.4	1505.6	1388.9	1272.2	1151.8	1038.8	929.7	798.0	677.5	557.1	440.4
-45°	1467.9	1370.1	1276.0	1170.6	1069.0	971.1	861.9	745.3	639.9	526.9	421.6
-47.5°	1340.0	1253.4	1166.8	1080.2	997.4	907.1	798.0	700.1	598.5	500.6	406.5
-50°	1227.0	1144.2	1069.0	993.7	922.2	835.6	734.0	654.9	564.6	474.3	387.7
-52.5°	1121.6	1050.1	974.9	914.6	854.4	767.8	685.0	609.8	530.7	444.1	368.9
-55°	1027.5	959.8	892.0	835.6	779.1	703.9	636.1	572.1	496.8	421.6	350.0
-57.5°	937.2	880.8	816.8	764.1	707.6	647.4	590.9	530.7	463.0	399.0	331.2
-60°	854.4	801.7	745.3	692.6	643.6	594.7	542.0	493.1	432.9	372.6	312.4
-62.5°	771.6	726.4	677.5	624.8	587.2	542.0	500.6	451.7	402.7	350.0	278.5
-65°	696.3	654.9	609.8	564.6	530.7	496.8	459.2	414.0	372.6	323.7	248.4
-67.5°	621.0	583.4	545.8	508.1	478.0	451.7	414.0	380.2	346.3	293.6	218.3
-70°	549.5	519.4	485.5	455.4	432.9	402.7	376.4	346.3	316.2	255.9	184.4
-72.5°	481.8	451.7	425.3	402.7	383.9	357.6	335.0	312.4	271.0	214.5	154.3
-75°	402.7	383.9	368.9	350.0	331.2	312.4	293.6	267.2	225.8	173.1	120.4
-77.5°	331.2	319.9	308.6	293.6	278.5	263.5	240.9	214.5	180.7	135.5	97.9
-80°	271.0	259.7	252.2	237.1	225.8	210.8	188.2	165.6	131.7	105.4	79.0
-82.5°	207.0	199.5	192.0	184.4	173.1	158.1	135.5	116.7	97.9	79.0	60.2
-85°	146.8	143.0	135.5	128.0	116.7	105.4	90.3	79.0	67.8	52.7	41.4
-87.5°	75.3	71.5	67.8	64.0	60.2	52.7	45.2	37.6	33.9	26.3	18.8
-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: P722000
 CATALOG NUMBER: IFLD-S-SA6C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	15.1	11.3	3.8	0.0
85°	30.1	18.8	7.5	0.0
82.5°	45.2	30.1	11.3	0.0
80°	60.2	37.6	18.8	0.0
77.5°	75.3	45.2	22.6	0.0
75°	90.3	56.5	26.3	0.0
72.5°	101.6	64.0	30.1	0.0
70°	120.4	75.3	33.9	0.0
67.5°	150.6	82.8	37.6	0.0
65°	176.9	90.3	41.4	0.0
62.5°	207.0	97.9	45.2	0.0
60°	233.4	105.4	48.9	0.0
57.5°	259.7	124.2	52.7	0.0
55°	282.3	139.3	56.5	0.0
52.5°	308.6	154.3	60.2	0.0
50°	331.2	169.4	64.0	0.0
47.5°	350.0	184.4	64.0	0.0
45°	365.1	195.7	67.8	0.0
42.5°	376.4	207.0	71.5	0.0
40°	387.7	218.3	75.3	0.0
37.5°	399.0	229.6	75.3	0.0
35°	410.3	240.9	79.0	0.0
32.5°	421.6	252.2	79.0	0.0
30°	429.1	259.7	82.8	0.0
27.5°	440.4	267.2	82.8	0.0
25°	444.1	274.8	86.6	0.0
22.5°	451.7	278.5	86.6	0.0
20°	459.2	286.1	86.6	0.0
17.5°	463.0	289.8	90.3	0.0
15°	463.0	293.6	94.1	0.0
12.5°	466.7	297.3	94.1	0.0
10°	466.7	304.9	90.3	0.0
7.5°	474.3	301.1	90.3	0.0
5°	470.5	301.1	90.3	0.0
2.5°	466.7	297.3	90.3	0.0
0°	463.0	297.3	90.3	0.0
-2.5°	463.0	297.3	90.3	0.0
-5°	463.0	297.3	90.3	0.0
-7.5°	459.2	301.1	90.3	0.0
-10°	451.7	301.1	90.3	0.0
-12.5°	447.9	289.8	90.3	0.0
-15°	444.1	286.1	90.3	0.0
-17.5°	436.6	282.3	86.6	0.0
-20°	429.1	278.5	86.6	0.0



REPORT NUMBER: P722000
 CATALOG NUMBER: IFLD-S-SA6C-727-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	421.6	271.0	86.6	0.0
-25°	414.0	263.5	82.8	0.0
-27.5°	406.5	255.9	82.8	0.0
-30°	395.2	248.4	79.0	0.0
-32.5°	383.9	240.9	79.0	0.0
-35°	376.4	229.6	75.3	0.0
-37.5°	365.1	218.3	75.3	0.0
-40°	353.8	207.0	71.5	0.0
-42.5°	342.5	195.7	67.8	0.0
-45°	327.5	184.4	67.8	0.0
-47.5°	316.2	173.1	64.0	0.0
-50°	297.3	158.1	60.2	0.0
-52.5°	274.8	143.0	56.5	0.0
-55°	252.2	131.7	52.7	0.0
-57.5°	229.6	116.7	52.7	0.0
-60°	207.0	101.6	48.9	0.0
-62.5°	184.4	94.1	45.2	0.0
-65°	161.8	86.6	41.4	0.0
-67.5°	135.5	75.3	37.6	0.0
-70°	112.9	67.8	33.9	0.0
-72.5°	97.9	60.2	30.1	0.0
-75°	82.8	52.7	26.3	0.0
-77.5°	71.5	45.2	22.6	0.0
-80°	56.5	33.9	15.1	0.0
-82.5°	41.4	26.3	11.3	0.0
-85°	26.3	18.8	7.5	0.0
-87.5°	15.1	7.5	3.8	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)