

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: P722329

Luminaire Tested: **IFLD-L-SA7C-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722329
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

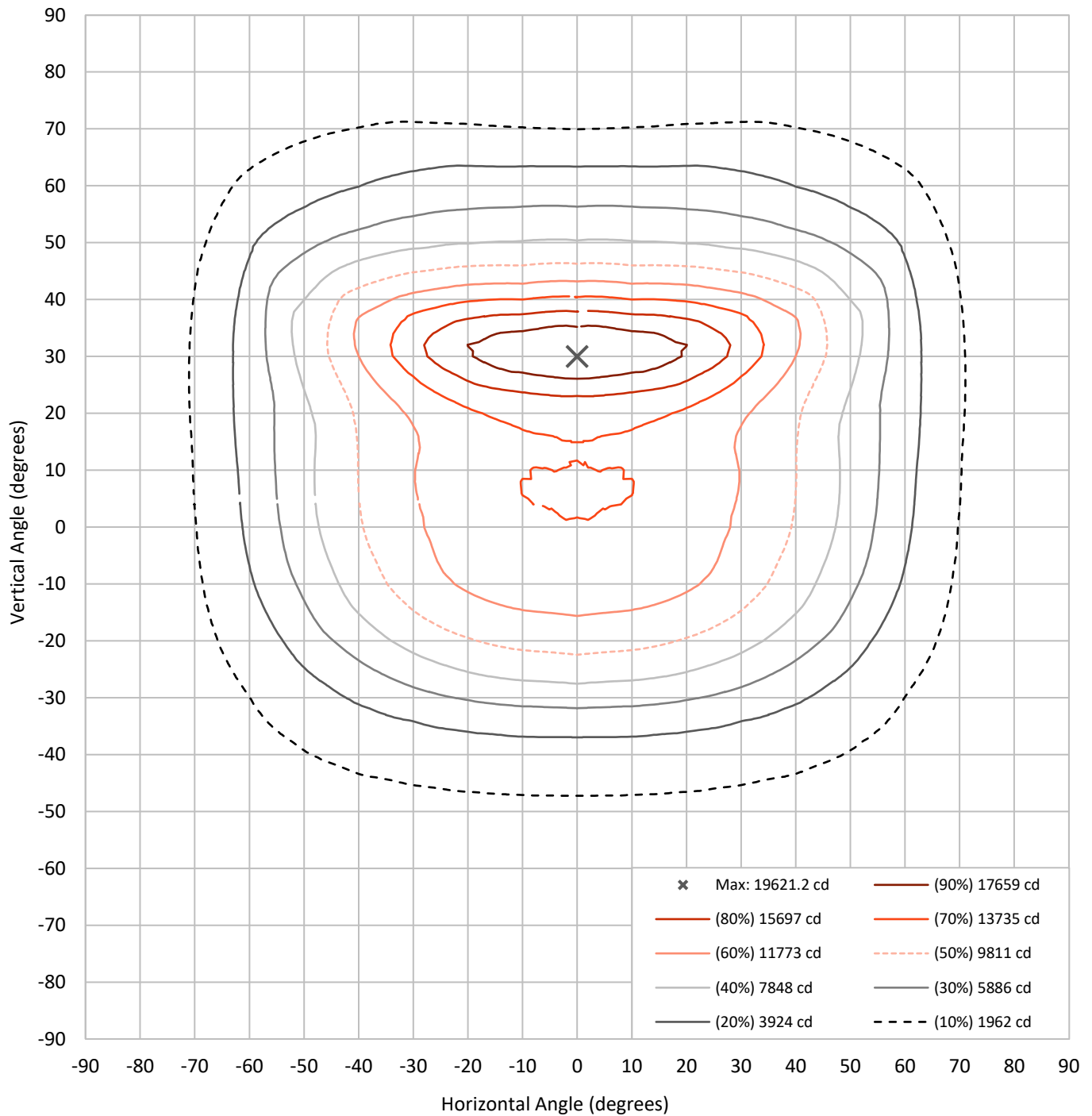
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	32752.6 lumens	Max Intensity:	19621.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	88.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19046 lumens	Field Lumens:	30693.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 369
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



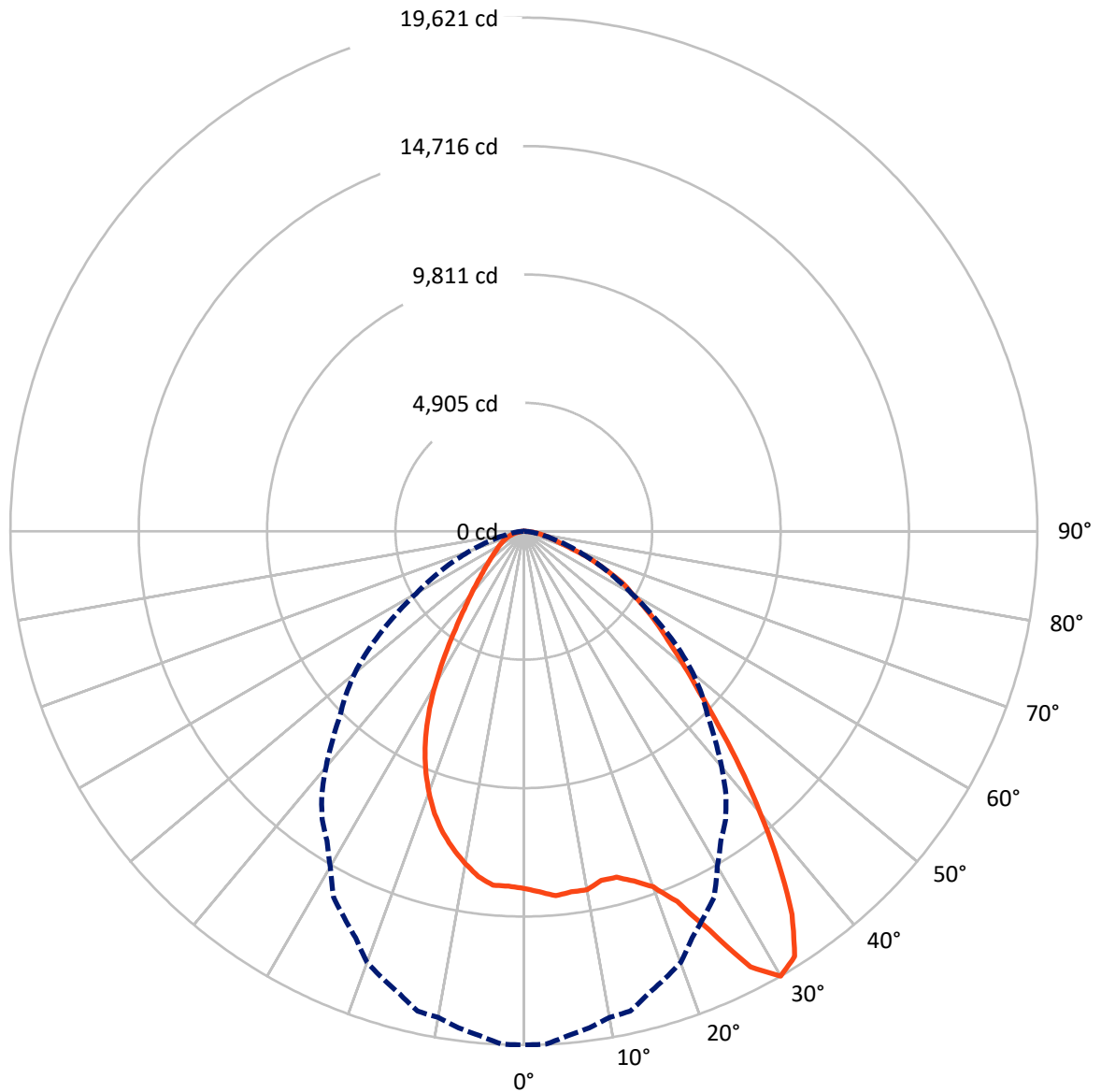
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Iso-Candela Plot



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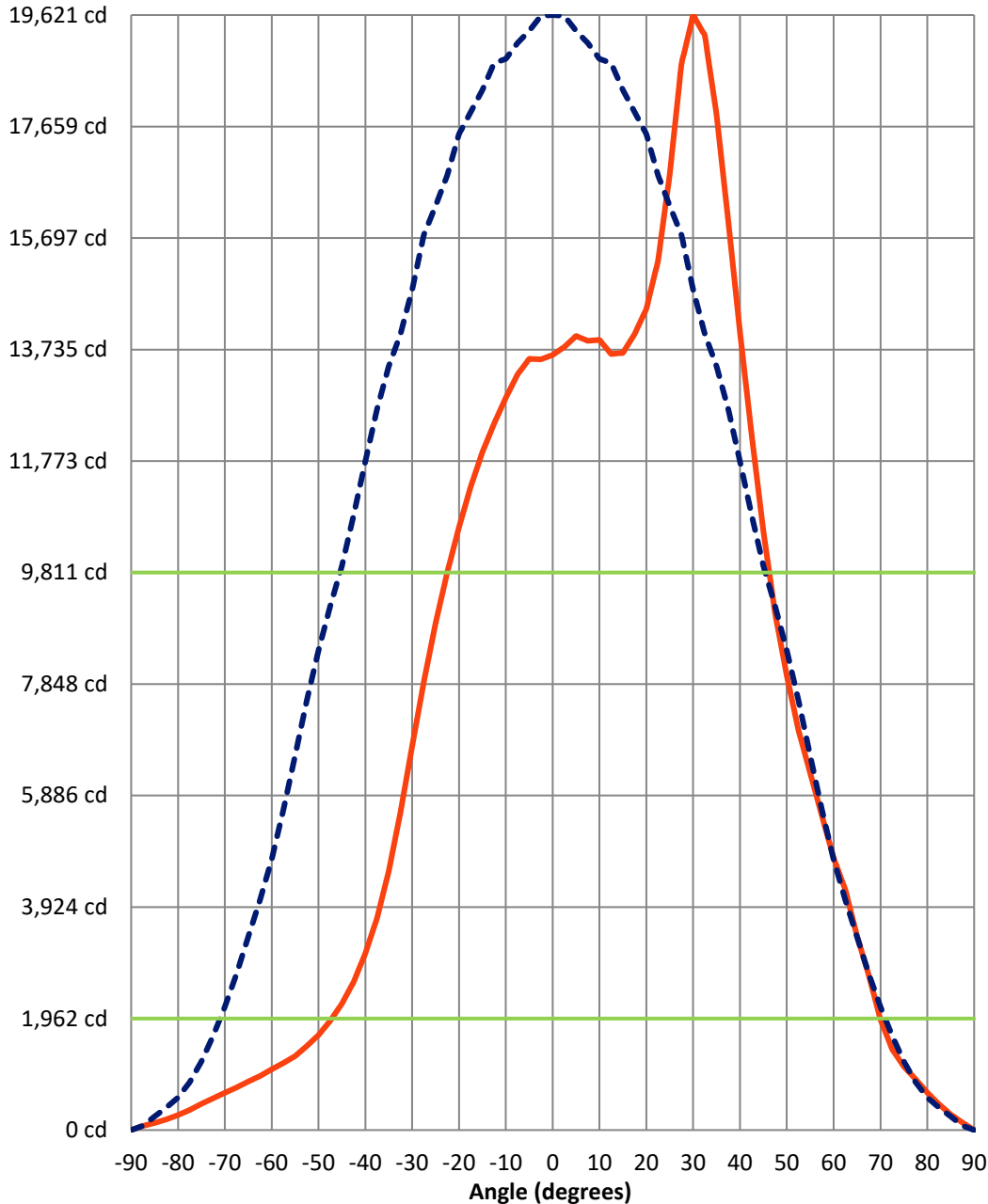
Luminous Intensity Polar Plot



— 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: 19046
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 30693.5
 Efficiency: 93.7%

Spill:
 Lumens: 2059.2
 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°	131.8	135.3	138.8	138.8	135.3	135.3	135.3	131.8	135.3	135.3	135.3
85°	274.1	281.0	288.0	284.5	281.0	274.1	267.2	270.6	274.1	277.6	277.6
82.5°	454.5	464.9	471.9	468.4	461.5	454.5	447.6	451.1	458.0	461.5	461.5
80°	659.2	662.7	666.2	673.1	662.7	662.7	659.2	673.1	680.1	687.0	693.9
77.5°	895.2	898.7	898.7	902.1	905.6	909.1	909.1	933.3	950.7	961.1	971.5
75°	1117.2	1127.7	1138.1	1148.5	1162.3	1169.3	1179.7	1214.4	1242.2	1263.0	1283.8
72.5°	1422.6	1436.5	1453.8	1478.1	1502.4	1519.7	1544.0	1585.7	1616.9	1637.7	1662.0
70°	1946.5	1960.4	1977.7	1995.1	2019.4	2036.7	2061.0	2113.0	2144.3	2158.2	2172.0
67.5°	2723.7	2758.4	2789.6	2754.9	2737.6	2713.3	2720.2	2768.8	2800.0	2820.9	2817.4
65°	3414.2	3438.5	3438.5	3435.0	3421.1	3389.9	3407.2	3466.2	3500.9	3518.3	3466.2
62.5°	4226.1	4226.1	4208.7	4236.5	4240.0	4219.2	4208.7	4212.2	4215.7	4226.1	4139.4
60°	4788.2	4822.9	4833.3	4857.6	4864.5	4864.5	4881.9	4895.7	4895.7	4874.9	4774.3
57.5°	5530.7	5596.6	5610.5	5593.2	5558.5	5513.4	5506.4	5485.6	5444.0	5402.3	5353.7
55°	6280.2	6314.9	6311.4	6301.0	6266.3	6214.2	6221.2	6193.4	6127.5	6075.4	6009.5
52.5°	7033.1	7116.4	7130.2	7109.4	7060.8	7005.3	7008.8	6977.6	6911.6	6856.1	6765.9
50°	7994.2	8063.6	8056.6	8021.9	7952.6	7910.9	7914.4	7855.4	7779.1	7761.7	7643.7
47.5°	9094.1	9173.9	9160.0	9111.4	9017.7	9000.4	9017.7	8941.4	8896.3	8858.1	8719.4
45°	10537.5	10631.2	10579.1	10485.4	10336.2	10353.6	10377.9	10364.0	10266.8	10166.2	9989.3
42.5°	12230.7	12289.7	12227.2	12133.5	11946.2	11980.9	11967.0	11883.7	11824.7	11658.2	11432.7
40°	14041.9	14170.3	14073.1	13927.4	13733.1	13785.1	13746.9	13639.4	13500.6	13292.4	13007.9
37.5°	15995.3	16095.9	15984.9	15814.9	15641.4	15624.1	15547.7	15381.2	15183.4	14954.4	14499.9
35°	17865.5	18125.7	17921.0	17650.4	17438.7	17358.9	17286.0	16900.9	16675.4	16304.1	15683.0
32.5°	19256.8	19447.7	19194.4	18913.3	18656.6	18545.5	18288.8	17830.8	17709.3	16928.7	16359.6
30°	19621.2	19607.3	19343.6	19128.5	18850.9	18774.5	18302.7	17914.1	17525.5	16803.8	16262.5
27.5°	18753.7	18667.0	18413.7	18226.3	17952.2	17862.0	17397.1	17188.9	16588.6	15978.0	15520.0
25°	16821.1	16866.2	16675.4	16581.7	16401.3	16207.0	16023.1	15742.0	15367.3	14833.0	14413.1
22.5°	15297.9	15356.9	15277.1	15166.1	15027.3	14919.7	14780.9	14562.3	14201.5	13871.9	13476.3
20°	14451.3	14433.9	14364.6	14281.3	14149.4	14073.1	13920.4	13736.5	13459.0	13174.4	12747.7
17.5°	14007.2	13899.6	13833.7	13802.5	13733.1	13635.9	13455.5	13268.1	13053.0	12730.3	12418.1
15°	13677.6	13694.9	13642.9	13618.6	13563.1	13427.7	13243.8	13091.2	12799.7	12636.6	12352.1
12.5°	13656.7	13639.4	13642.9	13632.4	13563.1	13389.6	13295.9	13101.6	12914.2	12699.1	12372.9
10°	13903.1	13719.2	13733.1	13781.6	13670.6	13531.8	13431.2	13219.6	13042.6	12768.5	12445.8
7.5°	13889.2	13795.5	13823.3	13743.5	13778.2	13608.2	13469.4	13257.7	13035.7	12744.2	12452.8
5°	13972.5	13830.2	13805.9	13812.9	13726.1	13597.8	13410.4	13209.1	13001.0	12674.8	12376.4
2.5°	13781.6	13802.5	13691.4	13649.8	13639.4	13424.3	13250.8	13056.5	12841.4	12553.4	12286.2
0°	13639.4	13677.6	13563.1	13504.1	13500.6	13316.7	13205.7	12983.6	12830.9	12591.5	12268.9
-2.5°	13563.1	13608.2	13622.0	13514.5	13410.4	13268.1	13080.8	12841.4	12591.5	12314.0	12036.4
-5°	13570.0	13479.8	13441.6	13476.3	13386.1	13243.8	13035.7	12824.0	12577.7	12279.3	11932.3
-7.5°	13295.9	13205.7	13198.7	13181.4	13160.6	13025.3	12851.8	12622.8	12372.9	12095.4	11772.7
-10°	12886.5	12820.5	12803.2	12785.8	12730.3	12650.5	12487.4	12279.3	12053.7	11776.2	11432.7
-12.5°	12431.9	12400.7	12334.8	12289.7	12234.2	12140.5	11984.3	11793.5	11568.0	11321.6	11026.7
-15°	11928.8	11869.8	11803.9	11765.8	11685.9	11574.9	11418.8	11241.8	10995.5	10752.6	10475.0
-17.5°	11321.6	11248.8	11175.9	11165.5	11110.0	10940.0	10794.2	10579.1	10364.0	10131.5	9860.9
-20°	10606.9	10506.2	10457.7	10429.9	10353.6	10228.7	10072.5	9874.8	9666.6	9444.5	9132.2



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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°	9815.8	9729.0	9645.8	9593.7	9527.8	9430.6	9281.4	9108.0	8903.2	8653.4	8365.4
-25°	8917.1	8795.7	8743.6	8684.7	8650.0	8559.7	8414.0	8254.4	8042.8	7799.9	7525.8
-27.5°	7890.1	7792.9	7765.2	7681.9	7640.3	7546.6	7425.2	7276.0	7081.7	6852.7	6627.1
-30°	6755.5	6696.5	6651.4	6568.1	6536.9	6436.3	6356.5	6231.6	6054.6	5891.5	5711.1
-32.5°	5589.7	5530.7	5516.8	5478.7	5457.8	5391.9	5301.7	5211.5	5069.2	4947.8	4802.1
-35°	4555.7	4514.1	4517.5	4514.1	4493.3	4444.7	4333.7	4309.4	4205.3	4094.2	4000.6
-37.5°	3729.9	3733.4	3729.9	3726.5	3698.7	3677.9	3598.1	3566.9	3504.4	3396.8	3341.3
-40°	3108.9	3115.8	3112.3	3105.4	3074.2	3063.7	3011.7	2970.1	2945.8	2869.4	2810.5
-42.5°	2605.7	2616.2	2612.7	2609.2	2588.4	2584.9	2557.2	2508.6	2494.7	2449.6	2387.2
-45°	2224.1	2220.6	2213.7	2220.6	2210.2	2199.8	2182.4	2151.2	2133.9	2113.0	2061.0
-47.5°	1922.2	1925.7	1918.7	1918.7	1904.9	1894.5	1887.5	1866.7	1852.8	1835.5	1804.2
-50°	1672.4	1686.3	1682.8	1679.3	1668.9	1662.0	1662.0	1641.2	1620.3	1613.4	1592.6
-52.5°	1478.1	1488.5	1492.0	1498.9	1502.4	1505.8	1495.4	1474.6	1439.9	1436.5	1426.0
-55°	1301.1	1332.4	1353.2	1367.1	1380.9	1391.3	1370.5	1342.8	1308.1	1294.2	1290.7
-57.5°	1179.7	1210.9	1235.2	1256.0	1273.4	1290.7	1269.9	1242.2	1210.9	1193.6	1190.1
-60°	1068.7	1096.4	1120.7	1148.5	1172.8	1200.5	1190.1	1169.3	1151.9	1138.1	1124.2
-62.5°	950.7	978.5	1006.2	1040.9	1072.1	1099.9	1103.4	1099.9	1096.4	1099.9	1075.6
-65°	853.5	867.4	884.8	922.9	957.6	988.9	1006.2	1016.6	1034.0	1051.3	1027.0
-67.5°	749.5	766.8	787.6	815.4	843.1	864.0	888.2	916.0	943.8	971.5	954.2
-70°	655.8	669.7	687.0	700.9	718.2	732.1	752.9	784.2	815.4	843.1	836.2
-72.5°	558.6	572.5	582.9	589.8	600.3	607.2	617.6	645.4	666.2	680.1	680.1
-75°	461.5	475.3	485.8	489.2	496.2	499.6	506.6	517.0	527.4	530.9	534.3
-77.5°	353.9	367.8	378.2	385.1	392.1	399.0	402.5	409.4	412.9	412.9	416.4
-80°	263.7	274.1	281.0	291.5	294.9	301.9	308.8	312.3	315.7	315.7	319.2
-82.5°	187.4	194.3	201.2	208.2	215.1	218.6	225.5	229.0	232.5	235.9	239.4
-85°	124.9	131.8	138.8	145.7	149.2	152.7	156.1	159.6	163.1	166.5	170.0
-87.5°	72.9	76.3	79.8	86.7	90.2	97.2	100.6	97.2	100.6	100.6	100.6
-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°	135.3	135.3	135.3	135.3	131.8	124.9	121.4	114.5	107.6	100.6	93.7
85°	281.0	284.5	284.5	284.5	277.6	274.1	263.7	253.3	239.4	218.6	201.2
82.5°	468.4	471.9	471.9	468.4	461.5	451.1	437.2	419.8	392.1	364.3	340.0
80°	704.3	707.8	707.8	704.3	687.0	669.7	652.3	631.5	596.8	558.6	517.0
77.5°	985.4	992.3	992.3	981.9	957.6	936.8	909.1	874.4	822.3	766.8	711.3
75°	1311.5	1328.9	1332.4	1322.0	1290.7	1252.6	1207.5	1148.5	1068.7	999.3	933.3
72.5°	1689.7	1707.1	1721.0	1707.1	1662.0	1609.9	1544.0	1474.6	1394.8	1301.1	1190.1
70°	2185.9	2203.3	2213.7	2168.6	2088.8	2002.0	1922.2	1842.4	1748.7	1634.2	1512.8
67.5°	2810.5	2793.1	2772.3	2682.1	2581.5	2477.4	2366.3	2248.4	2126.9	2005.5	1863.2
65°	3410.7	3362.1	3317.0	3209.5	3081.1	2945.8	2817.4	2685.5	2539.8	2387.2	2251.8
62.5°	4042.2	3938.1	3827.1	3695.2	3563.4	3414.2	3285.8	3129.7	2966.6	2779.2	2605.7
60°	4663.3	4538.4	4427.3	4264.3	4090.8	3889.5	3750.7	3598.1	3407.2	3206.0	3001.3
57.5°	5263.5	5128.2	5006.8	4864.5	4677.2	4458.6	4305.9	4108.1	3906.9	3653.6	3445.4
55°	5902.0	5766.6	5669.5	5509.9	5305.2	5103.9	4937.4	4729.2	4448.2	4177.5	3920.8
52.5°	6634.1	6526.5	6422.4	6259.3	6013.0	5808.3	5624.4	5391.9	5097.0	4763.9	4455.1
50°	7452.9	7397.4	7286.4	7095.5	6814.5	6634.1	6391.2	6082.4	5766.6	5416.2	5031.1
47.5°	8538.9	8448.7	8292.6	8084.4	7848.5	7577.8	7251.7	6890.8	6443.2	6054.6	5645.2
45°	9836.6	9670.1	9468.8	9187.8	8896.3	8591.0	8233.6	7775.6	7175.3	6668.8	6238.5
42.5°	11241.8	11016.3	10742.2	10374.4	9996.2	9621.5	9236.3	8611.8	7862.3	7279.4	6793.7
40°	12709.5	12421.5	12078.0	11543.7	11123.9	10641.6	10200.9	9267.6	8469.5	7838.1	7321.1
37.5°	14146.0	13781.6	13205.7	12556.8	12067.6	11672.1	10704.0	9704.7	8990.0	8296.1	7772.1
35°	15245.9	14937.1	13920.4	13247.3	12827.5	12202.9	10992.0	9968.4	9212.1	8636.1	7820.7
32.5°	15898.2	15100.1	14208.4	13528.4	13181.4	12157.8	11012.8	10044.8	9316.1	8670.8	7695.8
30°	15752.4	14787.9	14007.2	13438.1	12685.2	11765.8	10818.5	9926.8	9219.0	8438.3	7557.0
27.5°	14874.6	14128.6	13431.2	12837.9	12098.8	11273.1	10398.7	9614.5	8955.3	8198.9	7366.2
25°	13882.3	13205.7	12688.7	12171.7	11470.8	10683.2	9912.9	9347.4	8684.7	7938.7	7116.4
22.5°	12969.7	12484.0	12078.0	11536.8	10853.2	10166.2	9687.4	9101.0	8421.0	7664.6	6859.6
20°	12386.8	12057.2	11592.3	10995.5	10457.7	10027.4	9496.6	8875.5	8174.6	7383.5	6641.0
17.5°	12105.8	11724.1	11207.1	10818.5	10405.6	9933.7	9340.4	8681.2	7935.2	7255.1	6665.3
15°	11960.1	11557.6	11217.5	10835.9	10370.9	9874.8	9215.5	8532.0	7935.2	7307.2	6682.6
12.5°	11991.3	11644.3	11273.1	10856.7	10357.1	9826.2	9229.4	8594.4	7976.8	7345.4	6686.1
10°	12088.4	11724.1	11328.6	10867.1	10364.0	9840.1	9267.6	8632.6	7997.7	7362.7	6679.2
7.5°	12123.1	11727.6	11304.3	10839.3	10346.6	9833.1	9274.5	8643.0	8001.1	7359.2	6658.4
5°	12015.6	11658.2	11248.8	10780.4	10298.1	9798.4	9246.7	8629.1	7973.4	7324.5	6606.3
2.5°	11869.8	11581.9	11189.8	10738.7	10249.5	9749.9	9201.6	8566.7	7910.9	7262.1	6540.4
0°	11845.6	11488.2	11092.6	10690.1	10169.7	9642.3	9097.6	8448.7	7796.4	7144.1	6425.9
-2.5°	11685.9	11307.8	10912.2	10475.0	10017.0	9486.2	8913.7	8278.7	7633.3	6991.4	6301.0
-5°	11564.5	11144.7	10724.8	10253.0	9791.5	9260.6	8667.3	8049.7	7418.2	6793.7	6127.5
-7.5°	11401.4	10971.2	10530.5	10037.8	9538.2	8996.9	8410.6	7792.9	7171.9	6550.8	5912.4
-10°	11071.8	10693.6	10280.7	9770.7	9243.3	8702.0	8119.1	7511.9	6890.8	6262.8	5620.9
-12.5°	10672.8	10273.8	9822.7	9354.3	8882.4	8379.3	7796.4	7199.6	6575.1	5943.6	5305.2
-15°	10155.8	9763.7	9302.3	8844.3	8389.7	7907.4	7393.9	6856.1	6221.2	5600.1	4961.7
-17.5°	9510.4	9142.7	8729.8	8292.6	7841.5	7355.8	6856.1	6401.6	5808.3	5225.4	4593.9
-20°	8816.5	8473.0	8101.7	7688.9	7237.8	6762.4	6290.6	5815.2	5301.7	4788.2	4201.8



REPORT NUMBER: P722329

CATALOG NUMBER: IFLD-L-SA7C-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8094.8	7747.8	7373.1	6988.0	6571.6	6131.0	5693.8	5239.2	4788.2	4323.2	3827.1
-25°	7262.1	6956.7	6613.2	6238.5	5867.3	5482.1	5065.8	4652.9	4267.7	3865.2	3459.3
-27.5°	6391.2	6110.1	5797.9	5471.7	5152.5	4829.8	4469.0	4087.3	3768.1	3435.0	3098.4
-30°	5475.2	5249.7	4996.4	4711.9	4465.5	4205.3	3903.4	3587.7	3296.2	3042.9	2772.3
-32.5°	4607.8	4416.9	4236.5	4049.1	3806.3	3605.0	3396.8	3164.4	2907.6	2668.2	2473.9
-35°	3861.8	3657.1	3580.7	3441.9	3268.5	3091.5	2938.8	2772.3	2578.0	2366.3	2206.7
-37.5°	3233.8	3112.3	3004.8	2928.4	2813.9	2671.7	2550.2	2428.8	2279.6	2120.0	1960.4
-40°	2744.5	2661.3	2543.3	2505.1	2432.3	2335.1	2210.2	2116.5	2015.9	1894.5	1759.1
-42.5°	2352.5	2290.0	2213.7	2147.7	2116.5	2047.1	1950.0	1859.8	1780.0	1696.7	1592.6
-45°	2029.8	1988.1	1939.6	1880.6	1856.3	1800.8	1731.4	1630.8	1585.7	1516.3	1439.9
-47.5°	1769.5	1748.7	1714.0	1675.9	1641.2	1599.5	1537.1	1474.6	1412.2	1367.1	1308.1
-50°	1564.8	1551.0	1530.1	1498.9	1453.8	1426.0	1384.4	1328.9	1269.9	1231.7	1190.1
-52.5°	1401.8	1387.9	1374.0	1349.7	1315.0	1287.3	1252.6	1207.5	1158.9	1120.7	1086.0
-55°	1276.8	1256.0	1245.6	1224.8	1197.0	1165.8	1134.6	1103.4	1061.7	1027.0	992.3
-57.5°	1179.7	1151.9	1138.1	1120.7	1093.0	1061.7	1037.4	1006.2	978.5	940.3	909.1
-60°	1103.4	1072.1	1044.4	1027.0	1002.7	971.5	947.2	922.9	895.2	864.0	825.8
-62.5°	1040.9	1002.7	964.6	943.8	919.5	891.7	867.4	843.1	815.4	784.2	749.5
-65°	981.9	936.8	888.2	867.4	843.1	815.4	784.2	766.8	742.5	714.8	680.1
-67.5°	909.1	860.5	818.8	794.6	770.3	746.0	718.2	700.9	676.6	641.9	607.2
-70°	801.5	770.3	742.5	721.7	700.9	680.1	652.3	624.5	596.8	565.6	534.3
-72.5°	666.2	655.8	652.3	641.9	617.6	593.3	565.6	537.8	513.5	489.2	464.9
-75°	537.8	544.7	551.7	548.2	523.9	499.6	475.3	451.1	433.7	412.9	392.1
-77.5°	426.8	433.7	440.7	440.7	423.3	409.4	392.1	374.7	360.8	343.5	322.7
-80°	329.6	340.0	350.4	357.4	343.5	333.1	319.2	305.3	291.5	277.6	263.7
-82.5°	249.8	260.2	270.6	277.6	267.2	260.2	249.8	239.4	229.0	215.1	204.7
-85°	180.4	187.4	194.3	197.8	190.8	183.9	177.0	170.0	163.1	152.7	145.7
-87.5°	104.1	107.6	111.0	114.5	107.6	100.6	97.2	90.2	86.7	79.8	76.3
-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: P722329
 CATALOG NUMBER: IFLD-L-SA7C-940-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°	86.7	79.8	72.9	69.4	62.5	52.0	45.1	38.2	31.2	24.3	20.8
85°	183.9	166.5	145.7	135.3	121.4	107.6	93.7	79.8	65.9	52.0	38.2
82.5°	315.7	294.9	274.1	249.8	218.6	180.4	142.3	118.0	97.2	76.3	59.0
80°	475.3	437.2	402.5	371.3	336.6	288.0	235.9	187.4	131.8	100.6	76.3
77.5°	659.2	614.1	565.6	513.5	458.0	392.1	333.1	270.6	204.7	138.8	97.2
75°	867.4	808.4	742.5	669.7	596.8	510.0	426.8	353.9	277.6	194.3	118.0
72.5°	1099.9	1027.0	947.2	850.1	735.6	635.0	534.3	437.2	347.0	246.3	159.6
70°	1398.3	1283.8	1165.8	1061.7	916.0	756.4	638.4	527.4	412.9	301.9	201.2
67.5°	1717.5	1578.7	1436.5	1283.8	1099.9	912.5	742.5	617.6	482.3	353.9	239.4
65°	2064.5	1891.0	1710.6	1540.5	1287.3	1065.2	874.4	704.3	548.2	402.5	277.6
62.5°	2421.9	2217.1	2009.0	1786.9	1495.4	1221.3	999.3	801.5	610.7	447.6	312.3
60°	2803.5	2564.1	2310.8	2033.2	1693.2	1391.3	1117.2	902.1	676.6	492.7	350.4
57.5°	3206.0	2945.8	2647.4	2272.7	1897.9	1554.4	1252.6	992.3	735.6	534.3	378.2
55°	3643.2	3344.8	3018.6	2522.5	2099.2	1717.5	1387.9	1082.5	798.0	569.0	406.0
52.5°	4115.1	3768.1	3355.2	2786.2	2310.8	1884.0	1512.8	1162.3	857.0	607.2	430.2
50°	4642.5	4205.3	3650.1	3029.0	2494.7	2040.2	1637.7	1249.1	905.6	648.8	451.1
47.5°	5190.7	4718.8	3913.8	3254.6	2682.1	2192.9	1766.1	1325.4	954.2	683.5	471.9
45°	5763.2	5076.2	4187.9	3455.8	2845.2	2331.6	1863.2	1394.8	1013.2	714.8	489.2
42.5°	6328.7	5346.8	4427.3	3657.1	2997.8	2456.5	1943.0	1460.7	1061.7	746.0	506.6
40°	6595.9	5551.5	4618.2	3795.9	3126.2	2567.6	2012.4	1519.7	1103.4	766.8	523.9
37.5°	6706.9	5676.4	4743.1	3927.7	3226.8	2626.6	2071.4	1571.8	1138.1	787.6	537.8
35°	6731.2	5721.5	4805.5	4017.9	3310.1	2682.1	2116.5	1609.9	1165.8	808.4	551.7
32.5°	6686.1	5707.7	4822.9	4049.1	3362.1	2723.7	2147.7	1637.7	1186.6	829.3	565.6
30°	6585.5	5634.8	4760.4	4045.7	3400.3	2748.0	2168.6	1658.5	1207.5	843.1	572.5
27.5°	6422.4	5506.4	4680.6	4049.1	3421.1	2758.4	2179.0	1668.9	1221.3	853.5	586.4
25°	6221.2	5332.9	4684.1	4042.2	3424.6	2761.9	2179.0	1668.9	1224.8	857.0	596.8
22.5°	5988.7	5332.9	4684.1	4031.8	3403.8	2754.9	2168.6	1662.0	1224.8	864.0	607.2
20°	6002.6	5336.4	4673.7	4011.0	3372.5	2734.1	2144.3	1644.6	1214.4	874.4	614.1
17.5°	6013.0	5329.5	4652.9	3983.2	3330.9	2699.4	2113.0	1620.3	1214.4	884.8	617.6
15°	6013.0	5308.6	4621.6	3941.6	3278.9	2650.9	2067.9	1599.5	1217.9	888.2	624.5
12.5°	6002.6	5270.5	4573.1	3886.1	3216.4	2591.9	2040.2	1592.6	1217.9	891.7	624.5
10°	5981.8	5218.4	4510.6	3816.7	3157.4	2571.0	2026.3	1578.7	1210.9	891.7	624.5
7.5°	5943.6	5156.0	4458.6	3775.0	3122.7	2546.8	2005.5	1557.9	1200.5	884.8	631.5
5°	5884.6	5121.3	4416.9	3726.5	3074.2	2529.4	1991.6	1540.5	1193.6	884.8	624.5
2.5°	5808.3	5079.6	4368.4	3664.0	3018.6	2470.4	1946.5	1502.4	1169.3	870.9	617.6
0°	5683.4	4996.4	4285.1	3577.3	2942.3	2411.4	1901.4	1464.2	1145.0	857.0	610.7
-2.5°	5568.9	4885.3	4177.5	3487.0	2869.4	2359.4	1866.7	1443.4	1134.6	853.5	607.2
-5°	5409.3	4732.7	4035.3	3369.1	2772.3	2307.4	1832.0	1419.1	1124.2	846.6	607.2
-7.5°	5232.3	4573.1	3886.1	3247.6	2675.1	2217.1	1766.1	1380.9	1099.9	832.7	603.7
-10°	4958.2	4333.7	3698.7	3108.9	2571.0	2137.3	1710.6	1346.2	1079.1	818.8	589.8
-12.5°	4666.7	4070.0	3483.6	2938.8	2453.1	2054.1	1648.1	1308.1	1054.8	805.0	582.9
-15°	4357.9	3799.3	3258.0	2761.9	2324.7	1953.4	1582.2	1266.4	1030.5	787.6	572.5
-17.5°	4035.3	3514.8	3025.6	2581.5	2196.3	1849.3	1512.8	1228.3	1002.7	770.3	562.1
-20°	3695.2	3223.4	2789.6	2397.6	2061.0	1745.3	1439.9	1183.2	971.5	749.5	548.2



REPORT NUMBER: P722329

CATALOG NUMBER: IFLD-L-SA7C-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3358.7	2935.4	2546.8	2217.1	1922.2	1637.7	1367.1	1138.1	936.8	725.2	537.8
-25°	3060.3	2664.7	2331.6	2043.7	1786.9	1533.6	1290.7	1093.0	898.7	700.9	523.9
-27.5°	2768.8	2432.3	2120.0	1880.6	1655.0	1433.0	1217.9	1044.4	860.5	673.1	510.0
-30°	2498.2	2210.2	1953.4	1721.0	1530.1	1342.8	1155.4	995.8	818.8	645.4	492.7
-32.5°	2251.8	2019.4	1804.2	1582.2	1412.2	1252.6	1096.4	947.2	777.2	617.6	475.3
-35°	2022.8	1842.4	1655.0	1467.7	1294.2	1169.3	1034.0	895.2	739.0	586.4	458.0
-37.5°	1818.1	1672.4	1523.2	1363.6	1214.4	1089.5	975.0	843.1	700.9	558.6	440.7
-40°	1641.2	1523.2	1391.3	1263.0	1138.1	1020.1	916.0	791.1	662.7	537.8	423.3
-42.5°	1478.1	1387.9	1280.3	1172.8	1061.7	957.6	857.0	735.6	624.5	513.5	406.0
-45°	1353.2	1263.0	1176.2	1079.1	985.4	895.2	794.6	687.0	589.8	485.8	388.6
-47.5°	1235.2	1155.4	1075.6	995.8	919.5	836.2	735.6	645.4	551.7	461.5	374.7
-50°	1131.1	1054.8	985.4	916.0	850.1	770.3	676.6	603.7	520.5	437.2	357.4
-52.5°	1034.0	968.0	898.7	843.1	787.6	707.8	631.5	562.1	489.2	409.4	340.0
-55°	947.2	884.8	822.3	770.3	718.2	648.8	586.4	527.4	458.0	388.6	322.7
-57.5°	864.0	811.9	752.9	704.3	652.3	596.8	544.7	489.2	426.8	367.8	305.3
-60°	787.6	739.0	687.0	638.4	593.3	548.2	499.6	454.5	399.0	343.5	288.0
-62.5°	711.3	669.7	624.5	576.0	541.3	499.6	461.5	416.4	371.3	322.7	256.8
-65°	641.9	603.7	562.1	520.5	489.2	458.0	423.3	381.7	343.5	298.4	229.0
-67.5°	572.5	537.8	503.1	468.4	440.7	416.4	381.7	350.4	319.2	270.6	201.2
-70°	506.6	478.8	447.6	419.8	399.0	371.3	347.0	319.2	291.5	235.9	170.0
-72.5°	444.1	416.4	392.1	371.3	353.9	329.6	308.8	288.0	249.8	197.8	142.3
-75°	371.3	353.9	340.0	322.7	305.3	288.0	270.6	246.3	208.2	159.6	111.0
-77.5°	305.3	294.9	284.5	270.6	256.8	242.9	222.1	197.8	166.5	124.9	90.2
-80°	249.8	239.4	232.5	218.6	208.2	194.3	173.5	152.7	121.4	97.2	72.9
-82.5°	190.8	183.9	177.0	170.0	159.6	145.7	124.9	107.6	90.2	72.9	55.5
-85°	135.3	131.8	124.9	118.0	107.6	97.2	83.3	72.9	62.5	48.6	38.2
-87.5°	69.4	65.9	62.5	59.0	55.5	48.6	41.6	34.7	31.2	24.3	17.3
-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: P722329

CATALOG NUMBER: IFLD-L-SA7C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.9	10.4	3.5	0.0
85°	27.8	17.3	6.9	0.0
82.5°	41.6	27.8	10.4	0.0
80°	55.5	34.7	17.3	0.0
77.5°	69.4	41.6	20.8	0.0
75°	83.3	52.0	24.3	0.0
72.5°	93.7	59.0	27.8	0.0
70°	111.0	69.4	31.2	0.0
67.5°	138.8	76.3	34.7	0.0
65°	163.1	83.3	38.2	0.0
62.5°	190.8	90.2	41.6	0.0
60°	215.1	97.2	45.1	0.0
57.5°	239.4	114.5	48.6	0.0
55°	260.2	128.4	52.0	0.0
52.5°	284.5	142.3	55.5	0.0
50°	305.3	156.1	59.0	0.0
47.5°	322.7	170.0	59.0	0.0
45°	336.6	180.4	62.5	0.0
42.5°	347.0	190.8	65.9	0.0
40°	357.4	201.2	69.4	0.0
37.5°	367.8	211.7	69.4	0.0
35°	378.2	222.1	72.9	0.0
32.5°	388.6	232.5	72.9	0.0
30°	395.5	239.4	76.3	0.0
27.5°	406.0	246.3	76.3	0.0
25°	409.4	253.3	79.8	0.0
22.5°	416.4	256.8	79.8	0.0
20°	423.3	263.7	79.8	0.0
17.5°	426.8	267.2	83.3	0.0
15°	426.8	270.6	86.7	0.0
12.5°	430.2	274.1	86.7	0.0
10°	430.2	281.0	83.3	0.0
7.5°	437.2	277.6	83.3	0.0
5°	433.7	277.6	83.3	0.0
2.5°	430.2	274.1	83.3	0.0
0°	426.8	274.1	83.3	0.0
-2.5°	426.8	274.1	83.3	0.0
-5°	426.8	274.1	83.3	0.0
-7.5°	423.3	277.6	83.3	0.0
-10°	416.4	277.6	83.3	0.0
-12.5°	412.9	267.2	83.3	0.0
-15°	409.4	263.7	83.3	0.0
-17.5°	402.5	260.2	79.8	0.0
-20°	395.5	256.8	79.8	0.0



REPORT NUMBER: P722329

CATALOG NUMBER: IFLD-L-SA7C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	388.6	249.8	79.8	0.0
-25°	381.7	242.9	76.3	0.0
-27.5°	374.7	235.9	76.3	0.0
-30°	364.3	229.0	72.9	0.0
-32.5°	353.9	222.1	72.9	0.0
-35°	347.0	211.7	69.4	0.0
-37.5°	336.6	201.2	69.4	0.0
-40°	326.2	190.8	65.9	0.0
-42.5°	315.7	180.4	62.5	0.0
-45°	301.9	170.0	62.5	0.0
-47.5°	291.5	159.6	59.0	0.0
-50°	274.1	145.7	55.5	0.0
-52.5°	253.3	131.8	52.0	0.0
-55°	232.5	121.4	48.6	0.0
-57.5°	211.7	107.6	48.6	0.0
-60°	190.8	93.7	45.1	0.0
-62.5°	170.0	86.7	41.6	0.0
-65°	149.2	79.8	38.2	0.0
-67.5°	124.9	69.4	34.7	0.0
-70°	104.1	62.5	31.2	0.0
-72.5°	90.2	55.5	27.8	0.0
-75°	76.3	48.6	24.3	0.0
-77.5°	65.9	41.6	20.8	0.0
-80°	52.0	31.2	13.9	0.0
-82.5°	38.2	24.3	10.4	0.0
-85°	24.3	17.3	6.9	0.0
-87.5°	13.9	6.9	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)