

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: P722113

Luminaire Tested: **IFLD-S-SA3E-750-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722113
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-750-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

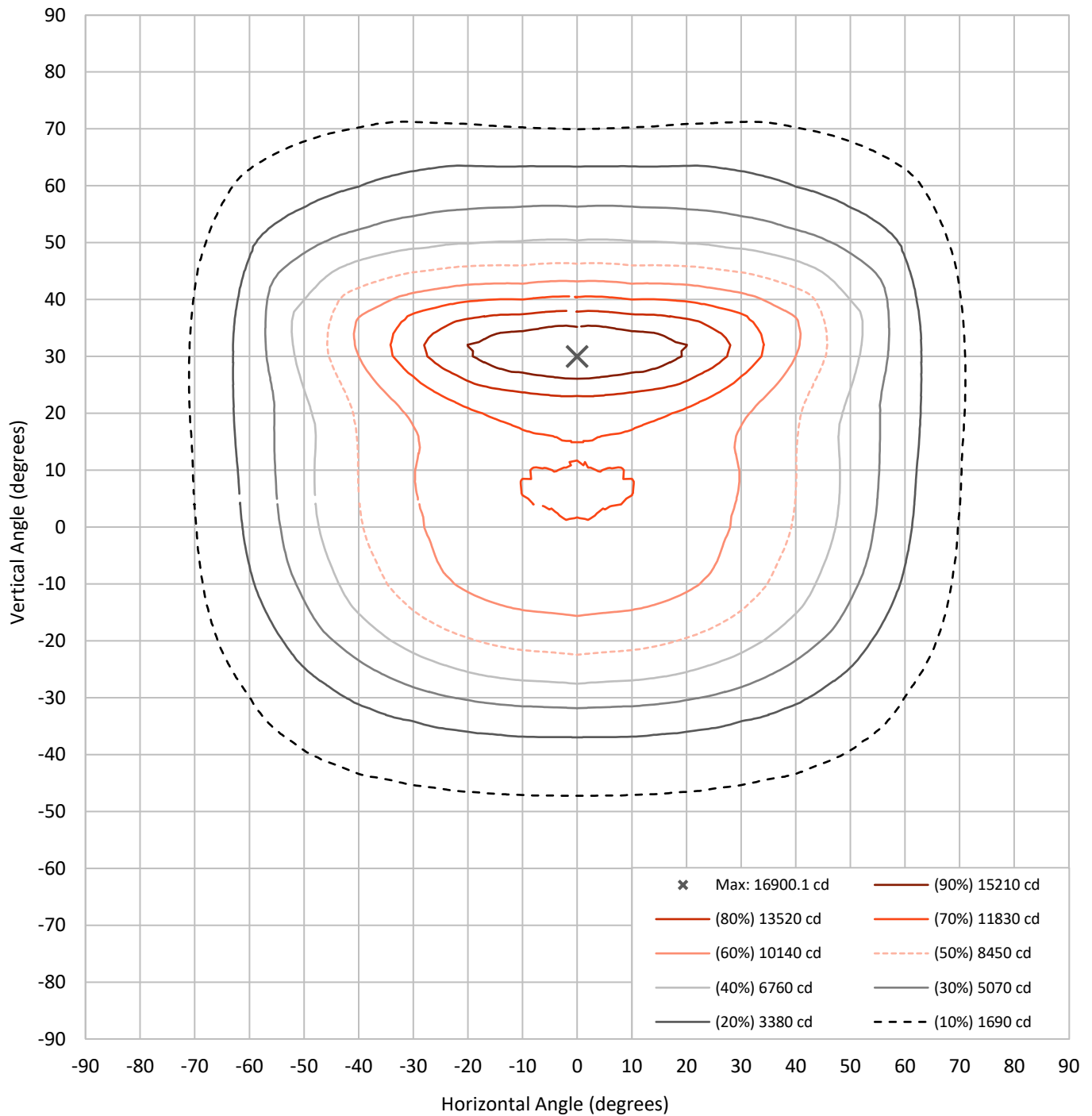
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28210.5 lumens	Max Intensity:	16900.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	121.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16404.7 lumens	Field Lumens:	26436.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 232.1
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



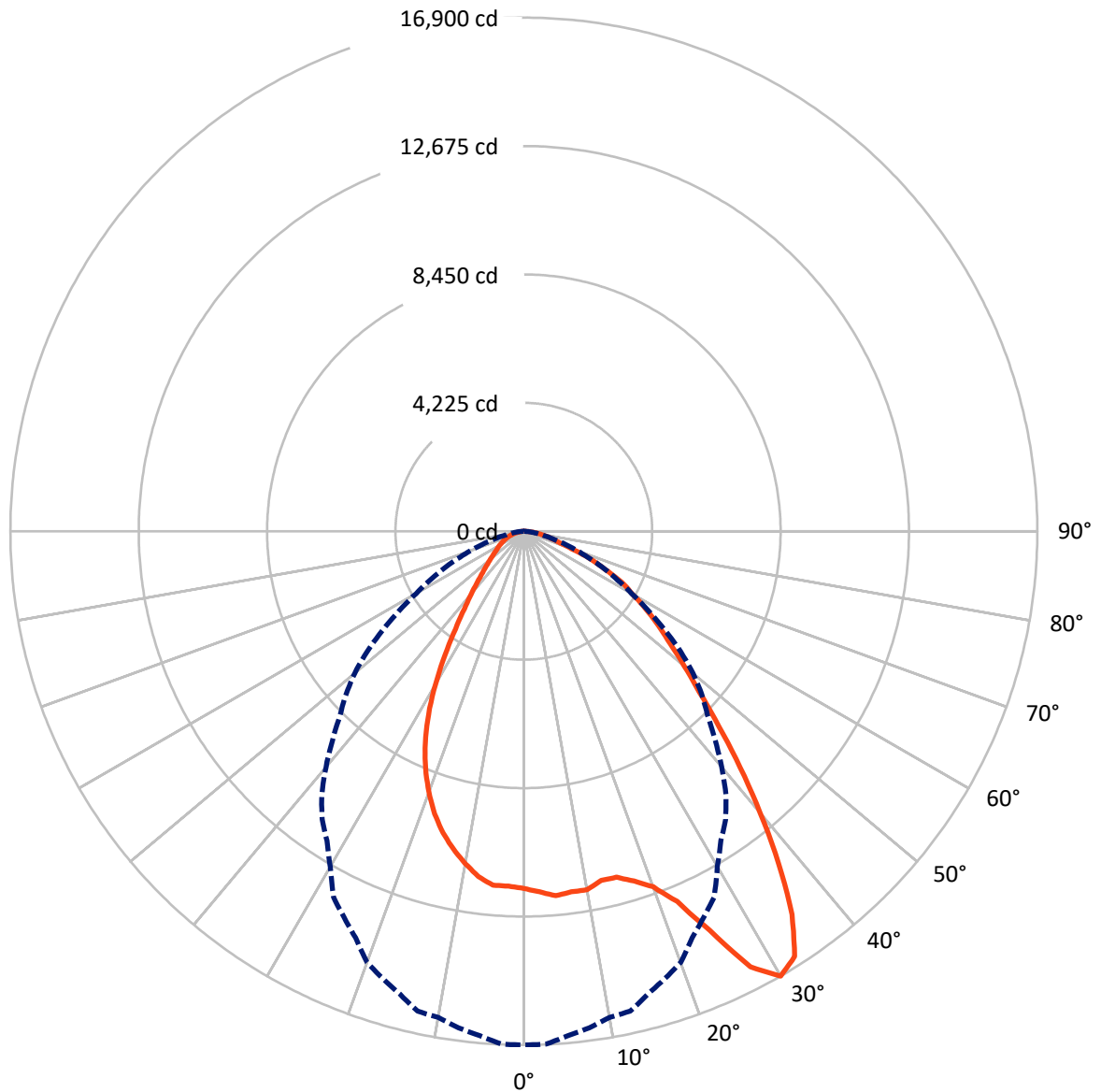
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Iso-Candela Plot



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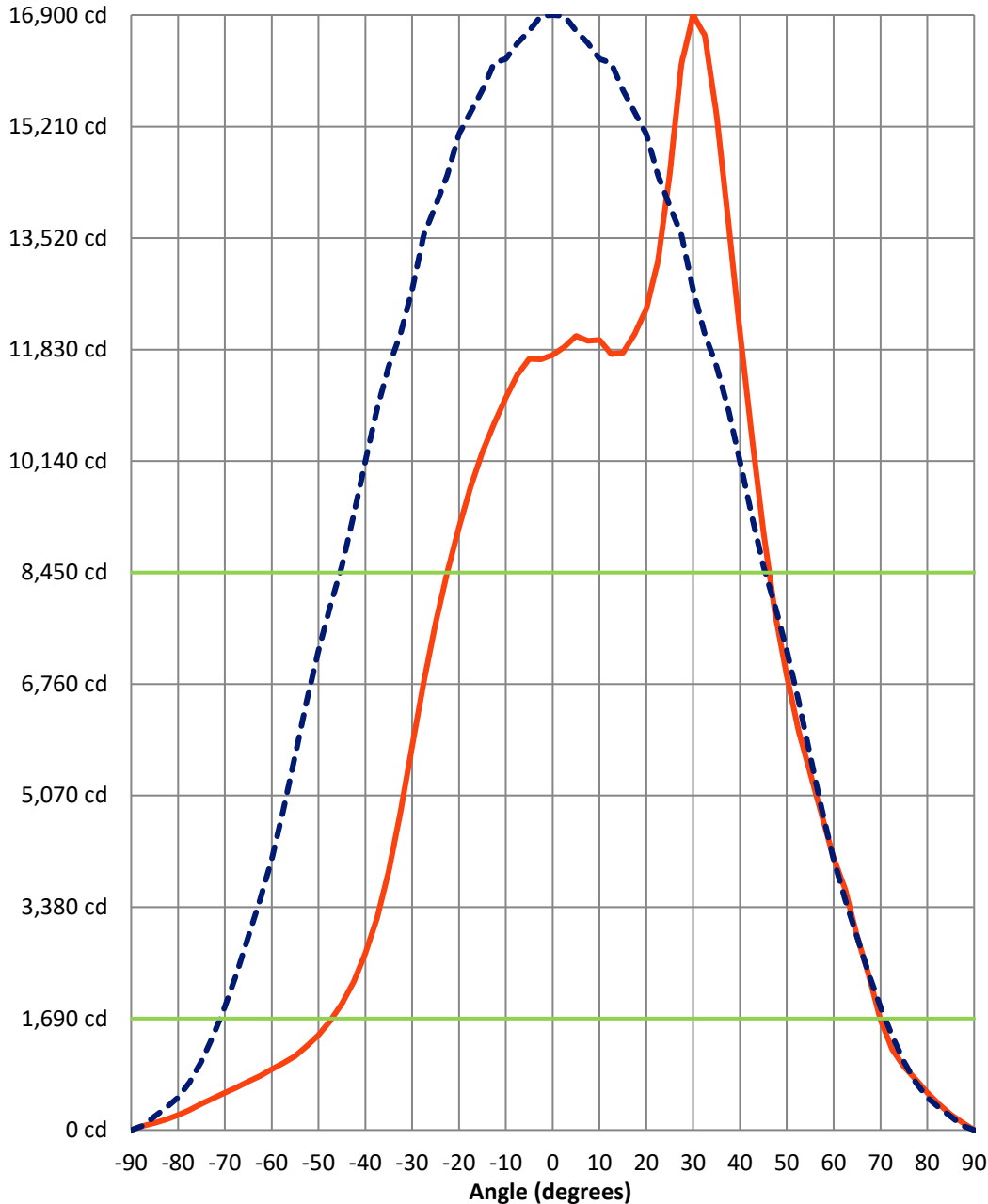
Luminous Intensity Polar Plot



— 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: 16404.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 26436.8
 Efficiency: 93.7%

Spill:
 Lumens: 1773.6
 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°	113.6	116.6	119.5	119.5	116.6	116.6	116.6	113.6	116.6	116.6	116.6
85°	236.1	242.1	248.0	245.1	242.1	236.1	230.1	233.1	236.1	239.1	239.1
82.5°	391.5	400.5	406.4	403.4	397.5	391.5	385.5	388.5	394.5	397.5	397.5
80°	567.8	570.8	573.8	579.8	570.8	570.8	567.8	579.8	585.7	591.7	597.7
77.5°	771.0	774.0	774.0	777.0	780.0	783.0	783.0	803.9	818.9	827.8	836.8
75°	962.3	971.3	980.2	989.2	1001.2	1007.1	1016.1	1046.0	1069.9	1087.8	1105.8
72.5°	1225.3	1237.2	1252.2	1273.1	1294.0	1309.0	1329.9	1365.8	1392.6	1410.6	1431.5
70°	1676.6	1688.5	1703.5	1718.4	1739.3	1754.3	1775.2	1820.0	1846.9	1858.9	1870.8
67.5°	2346.0	2375.9	2402.8	2372.9	2357.9	2337.0	2343.0	2384.8	2411.7	2429.7	2426.7
65°	2940.7	2961.6	2961.6	2958.6	2946.7	2919.8	2934.7	2985.5	3015.4	3030.4	2985.5
62.5°	3640.0	3640.0	3625.1	3649.0	3652.0	3634.0	3625.1	3628.1	3631.0	3640.0	3565.3
60°	4124.2	4154.0	4163.0	4183.9	4189.9	4189.9	4204.8	4216.8	4216.8	4198.9	4112.2
57.5°	4763.7	4820.5	4832.4	4817.5	4787.6	4748.8	4742.8	4724.8	4689.0	4653.1	4611.3
55°	5409.2	5439.1	5436.1	5427.1	5397.3	5352.4	5358.4	5334.5	5277.7	5232.9	5176.1
52.5°	6057.7	6129.4	6141.4	6123.5	6081.6	6033.8	6036.8	6009.9	5953.1	5905.3	5827.6
50°	6885.5	6945.3	6939.3	6909.5	6849.7	6813.8	6816.8	6766.0	6700.3	6685.3	6583.7
47.5°	7832.9	7901.6	7889.7	7847.8	7767.2	7752.2	7767.2	7701.4	7662.6	7629.7	7510.1
45°	9076.1	9156.8	9112.0	9031.3	8902.8	8917.7	8938.7	8926.7	8843.0	8756.4	8603.9
42.5°	10534.5	10585.3	10531.5	10450.8	10289.5	10319.4	10307.4	10235.7	10184.9	10041.4	9847.2
40°	12094.5	12205.1	12121.4	11995.9	11828.6	11873.4	11840.5	11747.9	11628.3	11449.0	11204.0
37.5°	13777.1	13863.7	13768.1	13621.7	13472.2	13457.3	13391.5	13248.1	13077.8	12880.5	12489.0
35°	15387.9	15612.0	15435.7	15202.6	15020.3	14951.6	14888.8	14557.1	14362.8	14043.0	13508.1
32.5°	16586.3	16750.6	16532.5	16290.4	16069.3	15973.6	15752.5	15358.0	15253.4	14581.0	14090.9
30°	16900.1	16888.1	16661.0	16475.7	16236.6	16170.9	15764.4	15429.7	15095.0	14473.4	14007.2
27.5°	16152.9	16078.2	15860.1	15698.7	15462.6	15384.9	14984.4	14805.1	14288.1	13762.1	13367.6
25°	14488.3	14527.2	14362.8	14282.1	14126.7	13959.4	13801.0	13558.9	13236.1	12775.9	12414.3
22.5°	13176.4	13227.2	13158.4	13062.8	12943.3	12850.6	12731.1	12542.8	12232.0	11948.1	11607.4
20°	12447.2	12432.2	12372.5	12300.7	12187.2	12121.4	11989.9	11831.5	11592.5	11347.4	10979.8
17.5°	12064.6	11972.0	11915.2	11888.3	11828.6	11744.9	11589.5	11428.1	11242.8	10964.9	10695.9
15°	11780.7	11795.7	11750.9	11729.9	11682.1	11565.6	11407.2	11275.7	11024.6	10884.2	10639.1
12.5°	11762.8	11747.9	11750.9	11741.9	11682.1	11532.7	11452.0	11284.6	11123.3	10938.0	10657.1
10°	11975.0	11816.6	11828.6	11870.4	11774.8	11655.2	11568.6	11386.3	11233.8	10997.7	10719.8
7.5°	11963.0	11882.3	11906.3	11837.5	11867.4	11721.0	11601.4	11419.1	11227.9	10976.8	10725.8
5°	12034.8	11912.2	11891.3	11897.3	11822.6	11712.0	11550.6	11377.3	11198.0	10917.1	10660.0
2.5°	11870.4	11888.3	11792.7	11756.8	11747.9	11562.6	11413.1	11245.8	11060.5	10812.5	10582.3
0°	11747.9	11780.7	11682.1	11631.3	11628.3	11469.9	11374.3	11183.0	11051.5	10845.3	10567.4
-2.5°	11682.1	11721.0	11732.9	11640.3	11550.6	11428.1	11266.7	11060.5	10845.3	10606.2	10367.2
-5°	11688.1	11610.4	11577.5	11607.4	11529.7	11407.2	11227.9	11045.6	10833.4	10576.4	10277.5
-7.5°	11452.0	11374.3	11368.3	11353.4	11335.4	11218.9	11069.5	10872.2	10657.1	10418.0	10140.0
-10°	11099.4	11042.6	11027.6	11012.7	10964.9	10896.1	10755.7	10576.4	10382.1	10143.0	9847.2
-12.5°	10707.9	10681.0	10624.2	10585.3	10537.5	10456.8	10322.3	10158.0	9963.7	9751.5	9497.5
-15°	10274.5	10223.7	10166.9	10134.1	10065.3	9969.7	9835.2	9682.8	9470.6	9261.4	9022.3
-17.5°	9751.5	9688.8	9626.0	9617.0	9569.2	9422.8	9297.3	9112.0	8926.7	8726.5	8493.4
-20°	9135.9	9049.2	9007.4	8983.5	8917.7	8810.1	8675.7	8505.3	8326.0	8134.7	7865.8



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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°	8454.5	8379.8	8308.1	8263.3	8206.5	8122.8	7994.3	7844.9	7668.5	7453.4	7205.3
-25°	7680.5	7575.9	7531.1	7480.3	7450.4	7372.7	7247.2	7109.7	6927.4	6718.2	6482.1
-27.5°	6795.9	6712.2	6688.3	6616.6	6580.7	6500.0	6395.4	6266.9	6099.6	5902.3	5708.1
-30°	5818.6	5767.8	5729.0	5657.3	5630.4	5543.7	5475.0	5367.4	5215.0	5074.5	4919.1
-32.5°	4814.5	4763.7	4751.7	4718.9	4700.9	4644.2	4566.5	4488.8	4366.2	4261.6	4136.1
-35°	3923.9	3888.1	3891.0	3888.1	3870.1	3828.3	3732.7	3711.7	3622.1	3526.5	3445.8
-37.5°	3212.7	3215.6	3212.7	3209.7	3185.8	3167.8	3099.1	3072.2	3018.4	2925.8	2877.9
-40°	2677.7	2683.7	2680.7	2674.7	2647.8	2638.9	2594.0	2558.2	2537.3	2471.5	2420.7
-42.5°	2244.4	2253.3	2250.4	2247.4	2229.4	2226.4	2202.5	2160.7	2148.7	2109.9	2056.1
-45°	1915.6	1912.7	1906.7	1912.7	1903.7	1894.7	1879.8	1852.9	1837.9	1820.0	1775.2
-47.5°	1655.6	1658.6	1652.7	1652.7	1640.7	1631.7	1625.8	1607.8	1595.9	1580.9	1554.0
-50°	1440.5	1452.4	1449.4	1446.4	1437.5	1431.5	1431.5	1413.6	1395.6	1389.7	1371.7
-52.5°	1273.1	1282.1	1285.1	1291.0	1294.0	1297.0	1288.1	1270.1	1240.2	1237.2	1228.3
-55°	1120.7	1147.6	1165.5	1177.5	1189.4	1198.4	1180.5	1156.6	1126.7	1114.7	1111.7
-57.5°	1016.1	1043.0	1063.9	1081.8	1096.8	1111.7	1093.8	1069.9	1043.0	1028.1	1025.1
-60°	920.5	944.4	965.3	989.2	1010.1	1034.0	1025.1	1007.1	992.2	980.2	968.3
-62.5°	818.9	842.8	866.7	896.6	923.5	947.4	950.3	947.4	944.4	947.4	926.4
-65°	735.2	747.1	762.1	794.9	824.8	851.7	866.7	875.6	890.6	905.5	884.6
-67.5°	645.5	660.5	678.4	702.3	726.2	744.1	765.1	789.0	812.9	836.8	821.8
-70°	564.8	576.8	591.7	603.7	618.6	630.6	648.5	675.4	702.3	726.2	720.2
-72.5°	481.2	493.1	502.1	508.0	517.0	523.0	532.0	555.9	573.8	585.7	585.7
-75°	397.5	409.4	418.4	421.4	427.4	430.3	436.3	445.3	454.3	457.2	460.2
-77.5°	304.8	316.8	325.7	331.7	337.7	343.7	346.7	352.6	355.6	355.6	358.6
-80°	227.1	236.1	242.1	251.0	254.0	260.0	266.0	269.0	272.0	272.0	274.9
-82.5°	161.4	167.4	173.3	179.3	185.3	188.3	194.3	197.2	200.2	203.2	206.2
-85°	107.6	113.6	119.5	125.5	128.5	131.5	134.5	137.5	140.5	143.4	146.4
-87.5°	62.8	65.7	68.7	74.7	77.7	83.7	86.7	83.7	86.7	86.7	86.7
-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°	116.6	116.6	116.6	116.6	113.6	107.6	104.6	98.6	92.6	86.7	80.7
85°	242.1	245.1	245.1	245.1	239.1	236.1	227.1	218.2	206.2	188.3	173.3
82.5°	403.4	406.4	406.4	403.4	397.5	388.5	376.6	361.6	337.7	313.8	292.9
80°	606.7	609.7	609.7	606.7	591.7	576.8	561.8	543.9	514.0	481.2	445.3
77.5°	848.7	854.7	854.7	845.8	824.8	806.9	783.0	753.1	708.3	660.5	612.6
75°	1129.7	1144.6	1147.6	1138.6	1111.7	1078.9	1040.0	989.2	920.5	860.7	803.9
72.5°	1455.4	1470.4	1482.3	1470.4	1431.5	1386.7	1329.9	1270.1	1201.4	1120.7	1025.1
70°	1882.8	1897.7	1906.7	1867.8	1799.1	1724.4	1655.6	1586.9	1506.2	1407.6	1303.0
67.5°	2420.7	2405.8	2387.8	2310.1	2223.5	2133.8	2038.2	1936.6	1832.0	1727.4	1604.8
65°	2937.7	2895.9	2857.0	2764.4	2653.8	2537.3	2426.7	2313.1	2187.6	2056.1	1939.5
62.5°	3481.6	3392.0	3296.3	3182.8	3069.2	2940.7	2830.1	2695.6	2555.2	2393.8	2244.4
60°	4016.6	3909.0	3813.3	3672.9	3523.5	3350.1	3230.6	3099.1	2934.7	2761.4	2585.1
57.5°	4533.6	4417.0	4312.4	4189.9	4028.5	3840.2	3708.8	3538.4	3365.1	3146.9	2967.6
55°	5083.5	4966.9	4883.2	4745.8	4569.4	4396.1	4252.7	4073.3	3831.3	3598.2	3377.0
52.5°	5714.0	5621.4	5531.7	5391.3	5179.1	5002.8	4844.4	4644.2	4390.1	4103.2	3837.3
50°	6419.3	6371.5	6275.9	6111.5	5869.4	5714.0	5504.8	5238.9	4966.9	4665.1	4333.4
47.5°	7354.7	7277.0	7142.6	6963.2	6760.0	6526.9	6246.0	5935.2	5549.7	5215.0	4862.3
45°	8472.4	8329.0	8155.7	7913.6	7662.6	7399.6	7091.8	6697.3	6180.3	5743.9	5373.4
42.5°	9682.8	9488.5	9252.5	8935.7	8609.9	8287.2	7955.4	7417.5	6772.0	6269.9	5851.5
40°	10946.9	10698.9	10403.0	9942.8	9581.2	9165.8	8786.2	7982.3	7295.0	6751.1	6305.8
37.5°	12184.2	11870.4	11374.3	10815.4	10394.1	10053.4	9219.6	8358.9	7743.2	7145.5	6694.3
35°	13131.5	12865.6	11989.9	11410.2	11048.5	10510.6	9467.6	8586.0	7934.5	7438.4	6736.1
32.5°	13693.4	13006.0	12238.0	11652.2	11353.4	10471.8	9485.6	8651.8	8024.2	7468.3	6628.5
30°	13567.9	12737.1	12064.6	11574.5	10926.0	10134.1	9318.2	8550.1	7940.5	7268.1	6509.0
27.5°	12811.8	12169.2	11568.6	11057.5	10421.0	9709.7	8956.6	8281.2	7713.4	7061.9	6344.6
25°	11957.1	11374.3	10929.0	10483.7	9880.0	9201.6	8538.2	8051.1	7480.3	6837.7	6129.4
22.5°	11171.1	10752.7	10403.0	9936.8	9348.1	8756.4	8343.9	7838.9	7253.1	6601.6	5908.3
20°	10669.0	10385.1	9984.6	9470.6	9007.4	8636.8	8179.6	7644.6	7040.9	6359.6	5720.0
17.5°	10426.9	10098.2	9652.9	9318.2	8962.6	8556.1	8045.1	7477.3	6834.7	6249.0	5740.9
15°	10301.4	9954.8	9661.9	9333.1	8932.7	8505.3	7937.5	7348.8	6834.7	6293.8	5755.9
12.5°	10328.3	10029.5	9709.7	9351.1	8920.7	8463.5	7949.5	7402.6	6870.6	6326.7	5758.9
10°	10412.0	10098.2	9757.5	9360.0	8926.7	8475.4	7982.3	7435.4	6888.5	6341.6	5752.9
7.5°	10441.9	10101.2	9736.6	9336.1	8911.8	8469.5	7988.3	7444.4	6891.5	6338.6	5735.0
5°	10349.2	10041.4	9688.8	9285.3	8869.9	8439.6	7964.4	7432.4	6867.6	6308.8	5690.1
2.5°	10223.7	9975.7	9638.0	9249.5	8828.1	8397.7	7925.5	7378.6	6813.8	6255.0	5633.4
0°	10202.8	9895.0	9554.3	9207.6	8759.3	8305.1	7835.9	7277.0	6715.2	6153.4	5534.7
-2.5°	10065.3	9739.6	9398.9	9022.3	8627.8	8170.6	7677.5	7130.6	6574.7	6021.9	5427.1
-5°	9960.7	9599.1	9237.5	8831.1	8433.6	7976.4	7465.3	6933.4	6389.5	5851.5	5277.7
-7.5°	9820.3	9449.7	9070.2	8645.8	8215.4	7749.2	7244.2	6712.2	6177.3	5642.3	5092.4
-10°	9536.4	9210.6	8855.0	8415.7	7961.4	7495.2	6993.1	6470.1	5935.2	5394.3	4841.4
-12.5°	9192.7	8849.0	8460.5	8057.0	7650.6	7217.3	6715.2	6201.2	5663.2	5119.3	4569.4
-15°	8747.4	8409.7	8012.2	7617.7	7226.2	6810.8	6368.5	5905.3	5358.4	4823.5	4273.6
-17.5°	8191.5	7874.7	7519.1	7142.6	6754.0	6335.7	5905.3	5513.8	5002.8	4500.7	3956.8
-20°	7593.8	7298.0	6978.2	6622.6	6234.0	5824.6	5418.2	5008.8	4566.5	4124.2	3619.1



REPORT NUMBER: P722113
 CATALOG NUMBER: IFLD-S-SA3E-750-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6972.2	6673.4	6350.6	6018.9	5660.3	5280.7	4904.2	4512.7	4124.2	3723.7	3296.3
-25°	6255.0	5992.0	5696.1	5373.4	5053.6	4721.9	4363.2	4007.6	3675.9	3329.2	2979.6
-27.5°	5504.8	5262.8	4993.8	4712.9	4437.9	4160.0	3849.2	3520.5	3245.5	2958.6	2668.7
-30°	4715.9	4521.6	4303.5	4058.4	3846.2	3622.1	3362.1	3090.1	2839.1	2620.9	2387.8
-32.5°	3968.8	3804.4	3649.0	3487.6	3278.4	3105.1	2925.8	2725.5	2504.4	2298.2	2130.8
-35°	3326.2	3149.9	3084.2	2964.6	2815.2	2662.8	2531.3	2387.8	2220.5	2038.2	1900.7
-37.5°	2785.3	2680.7	2588.1	2522.3	2423.7	2301.2	2196.6	2092.0	1963.5	1826.0	1688.5
-40°	2363.9	2292.2	2190.6	2157.7	2095.0	2011.3	1903.7	1823.0	1736.3	1631.7	1515.2
-42.5°	2026.2	1972.4	1906.7	1849.9	1823.0	1763.2	1679.5	1601.8	1533.1	1461.4	1371.7
-45°	1748.3	1712.4	1670.6	1619.8	1598.9	1551.0	1491.3	1404.6	1365.8	1306.0	1240.2
-47.5°	1524.1	1506.2	1476.3	1443.5	1413.6	1377.7	1323.9	1270.1	1216.3	1177.5	1126.7
-50°	1347.8	1335.9	1317.9	1291.0	1252.2	1228.3	1192.4	1144.6	1093.8	1060.9	1025.1
-52.5°	1207.4	1195.4	1183.5	1162.5	1132.6	1108.7	1078.9	1040.0	998.2	965.3	935.4
-55°	1099.8	1081.8	1072.9	1054.9	1031.0	1004.1	977.2	950.3	914.5	884.6	854.7
-57.5°	1016.1	992.2	980.2	965.3	941.4	914.5	893.6	866.7	842.8	809.9	783.0
-60°	950.3	923.5	899.5	884.6	863.7	836.8	815.9	794.9	771.0	744.1	711.3
-62.5°	896.6	863.7	830.8	812.9	792.0	768.0	747.1	726.2	702.3	675.4	645.5
-65°	845.8	806.9	765.1	747.1	726.2	702.3	675.4	660.5	639.5	615.6	585.7
-67.5°	783.0	741.2	705.3	684.4	663.5	642.5	618.6	603.7	582.8	552.9	523.0
-70°	690.3	663.5	639.5	621.6	603.7	585.7	561.8	537.9	514.0	487.1	460.2
-72.5°	573.8	564.8	561.8	552.9	532.0	511.0	487.1	463.2	442.3	421.4	400.5
-75°	463.2	469.2	475.2	472.2	451.3	430.3	409.4	388.5	373.6	355.6	337.7
-77.5°	367.6	373.6	379.5	379.5	364.6	352.6	337.7	322.8	310.8	295.9	277.9
-80°	283.9	292.9	301.8	307.8	295.9	286.9	274.9	263.0	251.0	239.1	227.1
-82.5°	215.2	224.1	233.1	239.1	230.1	224.1	215.2	206.2	197.2	185.3	176.3
-85°	155.4	161.4	167.4	170.3	164.4	158.4	152.4	146.4	140.5	131.5	125.5
-87.5°	89.7	92.6	95.6	98.6	92.6	86.7	83.7	77.7	74.7	68.7	65.7
-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-SA3E-750-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°	74.7	68.7	62.8	59.8	53.8	44.8	38.9	32.9	26.9	20.9	17.9
85°	158.4	143.4	125.5	116.6	104.6	92.6	80.7	68.7	56.8	44.8	32.9
82.5°	272.0	254.0	236.1	215.2	188.3	155.4	122.5	101.6	83.7	65.7	50.8
80°	409.4	376.6	346.7	319.8	289.9	248.0	203.2	161.4	113.6	86.7	65.7
77.5°	567.8	529.0	487.1	442.3	394.5	337.7	286.9	233.1	176.3	119.5	83.7
75°	747.1	696.3	639.5	576.8	514.0	439.3	367.6	304.8	239.1	167.4	101.6
72.5°	947.4	884.6	815.9	732.2	633.6	546.9	460.2	376.6	298.9	212.2	137.5
70°	1204.4	1105.8	1004.1	914.5	789.0	651.5	549.9	454.3	355.6	260.0	173.3
67.5°	1479.3	1359.8	1237.2	1105.8	947.4	786.0	639.5	532.0	415.4	304.8	206.2
65°	1778.2	1628.7	1473.3	1326.9	1108.7	917.5	753.1	606.7	472.2	346.7	239.1
62.5°	2086.0	1909.7	1730.4	1539.1	1288.1	1052.0	860.7	690.3	526.0	385.5	269.0
60°	2414.7	2208.5	1990.4	1751.3	1458.4	1198.4	962.3	777.0	582.8	424.4	301.8
57.5°	2761.4	2537.3	2280.2	1957.5	1634.7	1338.9	1078.9	854.7	633.6	460.2	325.7
55°	3137.9	2880.9	2600.0	2172.7	1808.1	1479.3	1195.4	932.4	687.4	490.1	349.7
52.5°	3544.4	3245.5	2889.9	2399.8	1990.4	1622.8	1303.0	1001.2	738.2	523.0	370.6
50°	3998.6	3622.1	3143.9	2609.0	2148.7	1757.2	1410.6	1075.9	780.0	558.9	388.5
47.5°	4470.8	4064.4	3371.0	2803.2	2310.1	1888.7	1521.2	1141.6	821.8	588.7	406.4
45°	4963.9	4372.2	3607.1	2976.6	2450.6	2008.3	1604.8	1201.4	872.6	615.6	421.4
42.5°	5451.1	4605.3	3813.3	3149.9	2582.1	2115.9	1673.6	1258.2	914.5	642.5	436.3
40°	5681.2	4781.6	3977.7	3269.4	2692.7	2211.5	1733.3	1309.0	950.3	660.5	451.3
37.5°	5776.8	4889.2	4085.3	3383.0	2779.3	2262.3	1784.1	1353.8	980.2	678.4	463.2
35°	5797.7	4928.1	4139.1	3460.7	2851.0	2310.1	1823.0	1386.7	1004.1	696.3	475.2
32.5°	5758.9	4916.1	4154.0	3487.6	2895.9	2346.0	1849.9	1410.6	1022.1	714.3	487.1
30°	5672.2	4853.4	4100.2	3484.6	2928.7	2366.9	1867.8	1428.5	1040.0	726.2	493.1
27.5°	5531.7	4742.8	4031.5	3487.6	2946.7	2375.9	1876.8	1437.5	1052.0	735.2	505.1
25°	5358.4	4593.4	4034.5	3481.6	2949.7	2378.9	1876.8	1437.5	1054.9	738.2	514.0
22.5°	5158.2	4593.4	4034.5	3472.7	2931.7	2372.9	1867.8	1431.5	1054.9	744.1	523.0
20°	5170.1	4596.3	4025.5	3454.7	2904.8	2355.0	1846.9	1416.6	1046.0	753.1	529.0
17.5°	5179.1	4590.4	4007.6	3430.8	2869.0	2325.1	1820.0	1395.6	1046.0	762.1	532.0
15°	5179.1	4572.4	3980.7	3395.0	2824.1	2283.2	1781.2	1377.7	1049.0	765.1	537.9
12.5°	5170.1	4539.6	3938.9	3347.1	2770.4	2232.4	1757.2	1371.7	1049.0	768.0	537.9
10°	5152.2	4494.7	3885.1	3287.4	2719.6	2214.5	1745.3	1359.8	1043.0	768.0	537.9
7.5°	5119.3	4440.9	3840.2	3251.5	2689.7	2193.6	1727.4	1341.8	1034.0	762.1	543.9
5°	5068.5	4411.1	3804.4	3209.7	2647.8	2178.6	1715.4	1326.9	1028.1	762.1	537.9
2.5°	5002.8	4375.2	3762.5	3155.9	2600.0	2127.8	1676.6	1294.0	1007.1	750.1	532.0
0°	4895.2	4303.5	3690.8	3081.2	2534.3	2077.0	1637.7	1261.2	986.2	738.2	526.0
-2.5°	4796.6	4207.8	3598.2	3003.5	2471.5	2032.2	1607.8	1243.2	977.2	735.2	523.0
-5°	4659.1	4076.3	3475.6	2901.9	2387.8	1987.4	1577.9	1222.3	968.3	729.2	523.0
-7.5°	4506.7	3938.9	3347.1	2797.3	2304.1	1909.7	1521.2	1189.4	947.4	717.2	520.0
-10°	4270.6	3732.7	3185.8	2677.7	2214.5	1840.9	1473.3	1159.5	929.4	705.3	508.0
-12.5°	4019.6	3505.5	3000.5	2531.3	2112.9	1769.2	1419.5	1126.7	908.5	693.3	502.1
-15°	3753.6	3272.4	2806.2	2378.9	2002.3	1682.5	1362.8	1090.8	887.6	678.4	493.1
-17.5°	3475.6	3027.4	2606.0	2223.5	1891.7	1592.9	1303.0	1057.9	863.7	663.5	484.1
-20°	3182.8	2776.3	2402.8	2065.1	1775.2	1503.2	1240.2	1019.1	836.8	645.5	472.2



REPORT NUMBER: P722113
 CATALOG NUMBER: IFLD-S-SA3E-750-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2892.9	2528.3	2193.6	1909.7	1655.6	1410.6	1177.5	980.2	806.9	624.6	463.2
-25°	2635.9	2295.2	2008.3	1760.2	1539.1	1320.9	1111.7	941.4	774.0	603.7	451.3
-27.5°	2384.8	2095.0	1826.0	1619.8	1425.5	1234.3	1049.0	899.5	741.2	579.8	439.3
-30°	2151.7	1903.7	1682.5	1482.3	1317.9	1156.6	995.2	857.7	705.3	555.9	424.4
-32.5°	1939.5	1739.3	1554.0	1362.8	1216.3	1078.9	944.4	815.9	669.4	532.0	409.4
-35°	1742.3	1586.9	1425.5	1264.1	1114.7	1007.1	890.6	771.0	636.6	505.1	394.5
-37.5°	1566.0	1440.5	1312.0	1174.5	1046.0	938.4	839.8	726.2	603.7	481.2	379.5
-40°	1413.6	1312.0	1198.4	1087.8	980.2	878.6	789.0	681.4	570.8	463.2	364.6
-42.5°	1273.1	1195.4	1102.8	1010.1	914.5	824.8	738.2	633.6	537.9	442.3	349.7
-45°	1165.5	1087.8	1013.1	929.4	848.7	771.0	684.4	591.7	508.0	418.4	334.7
-47.5°	1063.9	995.2	926.4	857.7	792.0	720.2	633.6	555.9	475.2	397.5	322.8
-50°	974.3	908.5	848.7	789.0	732.2	663.5	582.8	520.0	448.3	376.6	307.8
-52.5°	890.6	833.8	774.0	726.2	678.4	609.7	543.9	484.1	421.4	352.6	292.9
-55°	815.9	762.1	708.3	663.5	618.6	558.9	505.1	454.3	394.5	334.7	277.9
-57.5°	744.1	699.3	648.5	606.7	561.8	514.0	469.2	421.4	367.6	316.8	263.0
-60°	678.4	636.6	591.7	549.9	511.0	472.2	430.3	391.5	343.7	295.9	248.0
-62.5°	612.6	576.8	537.9	496.1	466.2	430.3	397.5	358.6	319.8	277.9	221.2
-65°	552.9	520.0	484.1	448.3	421.4	394.5	364.6	328.7	295.9	257.0	197.2
-67.5°	493.1	463.2	433.3	403.4	379.5	358.6	328.7	301.8	274.9	233.1	173.3
-70°	436.3	412.4	385.5	361.6	343.7	319.8	298.9	274.9	251.0	203.2	146.4
-72.5°	382.5	358.6	337.7	319.8	304.8	283.9	266.0	248.0	215.2	170.3	122.5
-75°	319.8	304.8	292.9	277.9	263.0	248.0	233.1	212.2	179.3	137.5	95.6
-77.5°	263.0	254.0	245.1	233.1	221.2	209.2	191.3	170.3	143.4	107.6	77.7
-80°	215.2	206.2	200.2	188.3	179.3	167.4	149.4	131.5	104.6	83.7	62.8
-82.5°	164.4	158.4	152.4	146.4	137.5	125.5	107.6	92.6	77.7	62.8	47.8
-85°	116.6	113.6	107.6	101.6	92.6	83.7	71.7	62.8	53.8	41.8	32.9
-87.5°	59.8	56.8	53.8	50.8	47.8	41.8	35.9	29.9	26.9	20.9	14.9
-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: P722113
 CATALOG NUMBER: IFLD-S-SA3E-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.0	9.0	3.0	0.0
85°	23.9	14.9	6.0	0.0
82.5°	35.9	23.9	9.0	0.0
80°	47.8	29.9	14.9	0.0
77.5°	59.8	35.9	17.9	0.0
75°	71.7	44.8	20.9	0.0
72.5°	80.7	50.8	23.9	0.0
70°	95.6	59.8	26.9	0.0
67.5°	119.5	65.7	29.9	0.0
65°	140.5	71.7	32.9	0.0
62.5°	164.4	77.7	35.9	0.0
60°	185.3	83.7	38.9	0.0
57.5°	206.2	98.6	41.8	0.0
55°	224.1	110.6	44.8	0.0
52.5°	245.1	122.5	47.8	0.0
50°	263.0	134.5	50.8	0.0
47.5°	277.9	146.4	50.8	0.0
45°	289.9	155.4	53.8	0.0
42.5°	298.9	164.4	56.8	0.0
40°	307.8	173.3	59.8	0.0
37.5°	316.8	182.3	59.8	0.0
35°	325.7	191.3	62.8	0.0
32.5°	334.7	200.2	62.8	0.0
30°	340.7	206.2	65.7	0.0
27.5°	349.7	212.2	65.7	0.0
25°	352.6	218.2	68.7	0.0
22.5°	358.6	221.2	68.7	0.0
20°	364.6	227.1	68.7	0.0
17.5°	367.6	230.1	71.7	0.0
15°	367.6	233.1	74.7	0.0
12.5°	370.6	236.1	74.7	0.0
10°	370.6	242.1	71.7	0.0
7.5°	376.6	239.1	71.7	0.0
5°	373.6	239.1	71.7	0.0
2.5°	370.6	236.1	71.7	0.0
0°	367.6	236.1	71.7	0.0
-2.5°	367.6	236.1	71.7	0.0
-5°	367.6	236.1	71.7	0.0
-7.5°	364.6	239.1	71.7	0.0
-10°	358.6	239.1	71.7	0.0
-12.5°	355.6	230.1	71.7	0.0
-15°	352.6	227.1	71.7	0.0
-17.5°	346.7	224.1	68.7	0.0
-20°	340.7	221.2	68.7	0.0



REPORT NUMBER: P722113
 CATALOG NUMBER: IFLD-S-SA3E-750-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	334.7	215.2	68.7	0.0
-25°	328.7	209.2	65.7	0.0
-27.5°	322.8	203.2	65.7	0.0
-30°	313.8	197.2	62.8	0.0
-32.5°	304.8	191.3	62.8	0.0
-35°	298.9	182.3	59.8	0.0
-37.5°	289.9	173.3	59.8	0.0
-40°	280.9	164.4	56.8	0.0
-42.5°	272.0	155.4	53.8	0.0
-45°	260.0	146.4	53.8	0.0
-47.5°	251.0	137.5	50.8	0.0
-50°	236.1	125.5	47.8	0.0
-52.5°	218.2	113.6	44.8	0.0
-55°	200.2	104.6	41.8	0.0
-57.5°	182.3	92.6	41.8	0.0
-60°	164.4	80.7	38.9	0.0
-62.5°	146.4	74.7	35.9	0.0
-65°	128.5	68.7	32.9	0.0
-67.5°	107.6	59.8	29.9	0.0
-70°	89.7	53.8	26.9	0.0
-72.5°	77.7	47.8	23.9	0.0
-75°	65.7	41.8	20.9	0.0
-77.5°	56.8	35.9	17.9	0.0
-80°	44.8	26.9	12.0	0.0
-82.5°	32.9	20.9	9.0	0.0
-85°	20.9	14.9	6.0	0.0
-87.5°	12.0	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)