

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: P722255

Luminaire Tested: **IFLD-S-SA3B-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722255
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

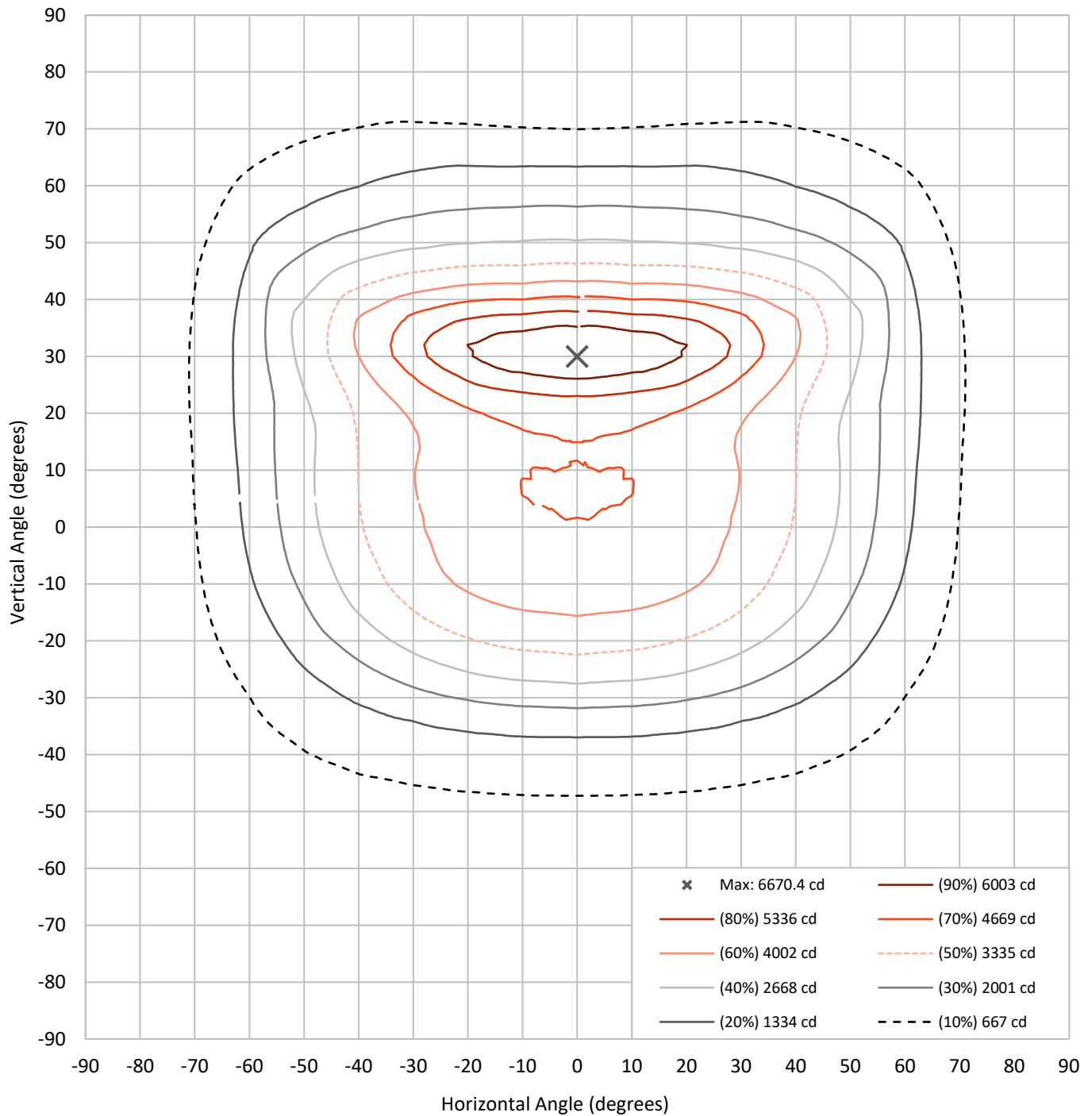
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	11134.6 lumens	Max Intensity:	6670.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	91.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	6474.9 lumens	Field Lumens:	10434.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 122.4
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



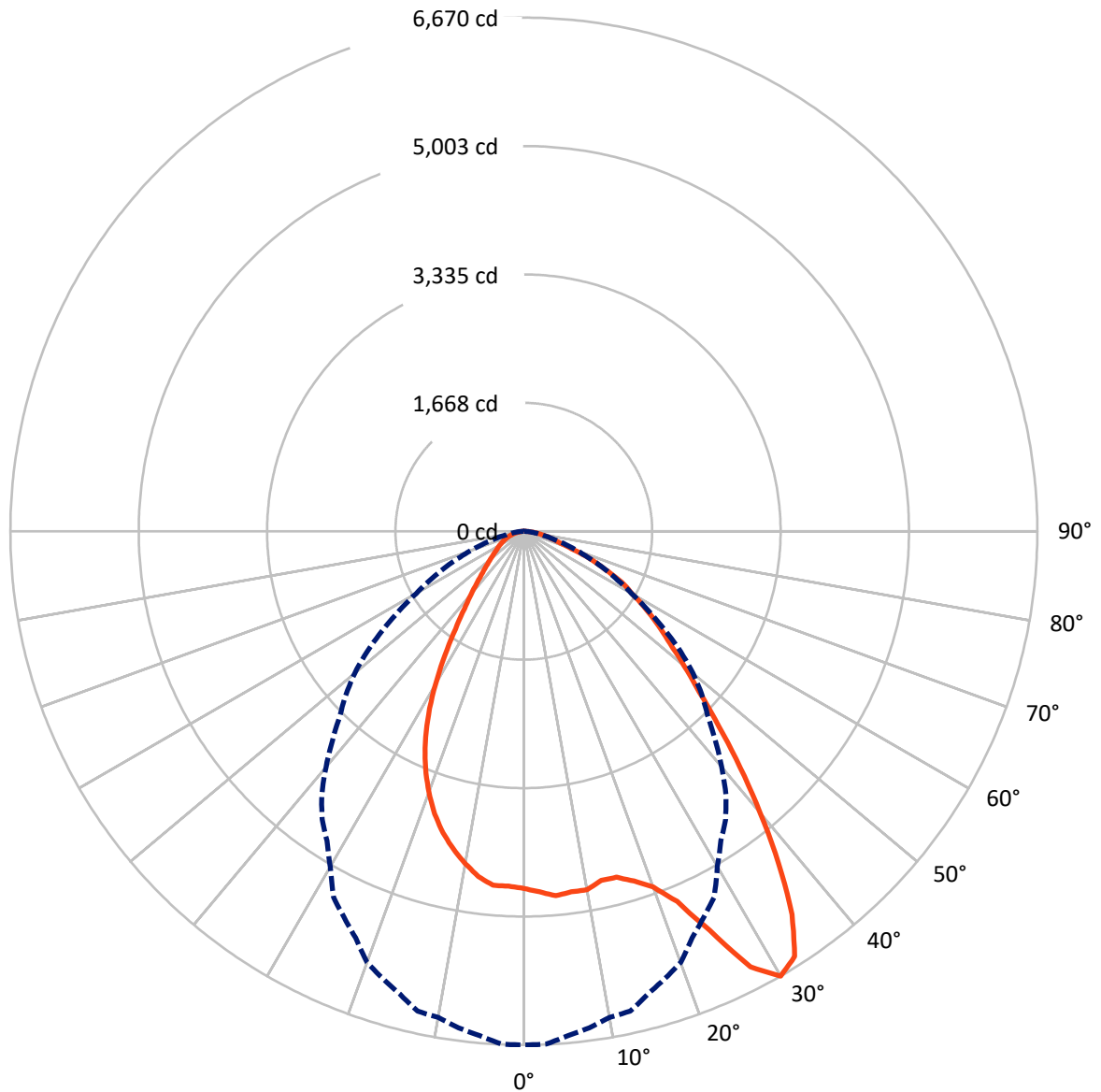
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Iso-Candela Plot



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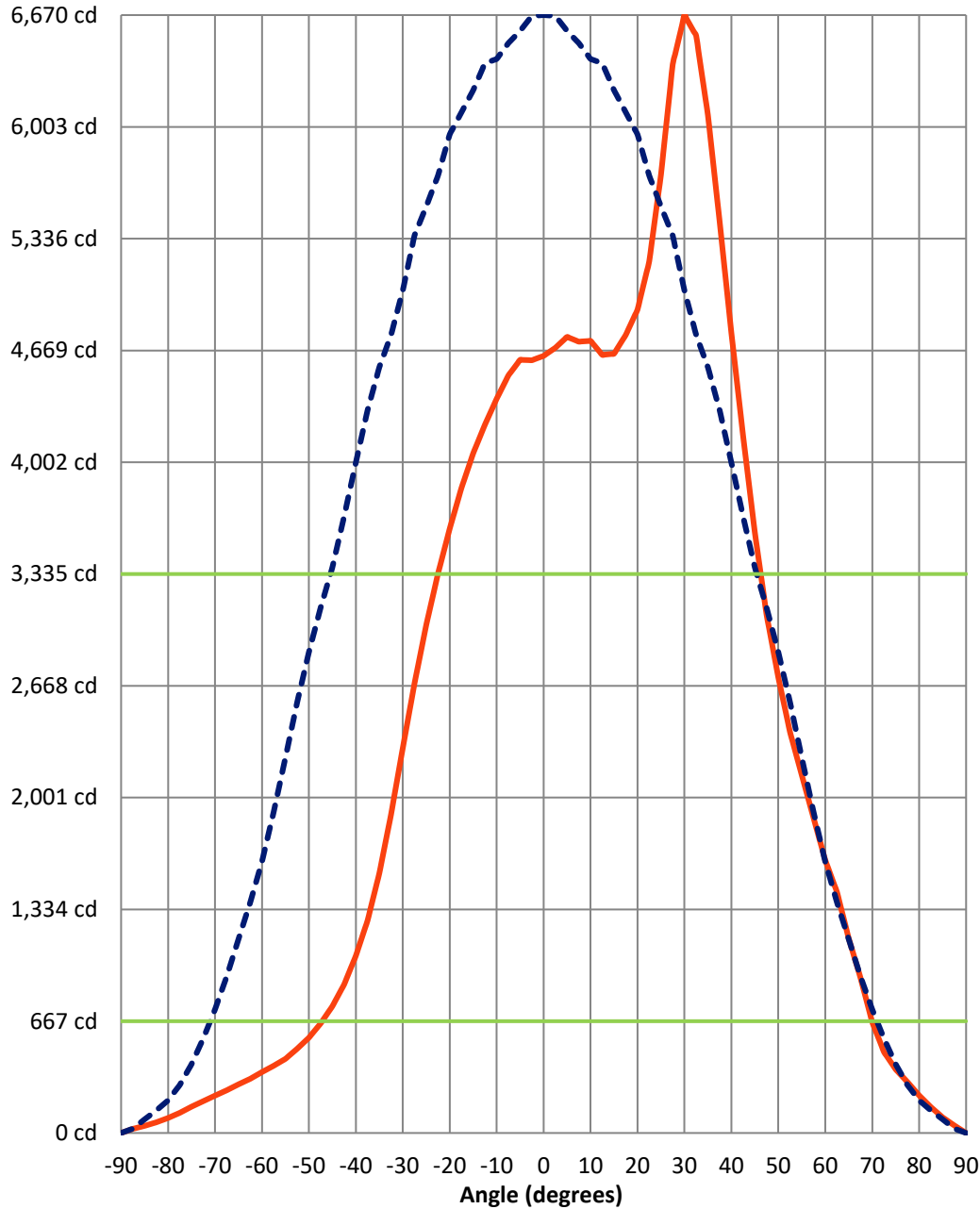
Luminous Intensity Polar Plot



— 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: 6474.9
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 10434.6
 Efficiency: 93.7%

Spill:
 Lumens: 700
 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°	44.8	46.0	47.2	47.2	46.0	46.0	46.0	44.8	46.0	46.0	46.0
85°	93.2	95.5	97.9	96.7	95.5	93.2	90.8	92.0	93.2	94.4	94.4
82.5°	154.5	158.1	160.4	159.2	156.9	154.5	152.2	153.3	155.7	156.9	156.9
80°	224.1	225.3	226.5	228.8	225.3	225.3	224.1	228.8	231.2	233.6	235.9
77.5°	304.3	305.5	305.5	306.7	307.9	309.0	309.0	317.3	323.2	326.7	330.3
75°	379.8	383.4	386.9	390.4	395.2	397.5	401.1	412.8	422.3	429.4	436.4
72.5°	483.6	488.3	494.2	502.5	510.8	516.6	524.9	539.1	549.7	556.8	565.0
70°	661.7	666.5	672.4	678.2	686.5	692.4	700.7	718.4	729.0	733.7	738.4
67.5°	926.0	937.8	948.4	936.6	930.7	922.4	924.8	941.3	951.9	959.0	957.8
65°	1160.7	1168.9	1168.9	1167.8	1163.1	1152.4	1158.3	1178.4	1190.2	1196.1	1178.4
62.5°	1436.7	1436.7	1430.8	1440.2	1441.4	1434.4	1430.8	1432.0	1433.2	1436.7	1407.2
60°	1627.8	1639.6	1643.1	1651.4	1653.7	1653.7	1659.6	1664.4	1664.4	1657.3	1623.1
57.5°	1880.2	1902.6	1907.4	1901.5	1889.7	1874.3	1872.0	1864.9	1850.7	1836.6	1820.1
55°	2135.0	2146.8	2145.6	2142.1	2130.3	2112.6	2115.0	2105.5	2083.1	2065.4	2043.0
52.5°	2391.0	2419.3	2424.0	2416.9	2400.4	2381.5	2382.7	2372.1	2349.7	2330.8	2300.2
50°	2717.7	2741.3	2738.9	2727.2	2703.6	2689.4	2690.6	2670.5	2644.6	2638.7	2598.6
47.5°	3091.6	3118.8	3114.1	3097.5	3065.7	3059.8	3065.7	3039.7	3024.4	3011.4	2964.2
45°	3582.3	3614.2	3596.5	3564.6	3513.9	3519.8	3528.1	3523.4	3490.3	3456.1	3396.0
42.5°	4158.0	4178.0	4156.8	4124.9	4061.2	4073.0	4068.3	4040.0	4020.0	3963.3	3886.7
40°	4773.7	4817.3	4784.3	4734.8	4668.7	4686.4	4673.4	4636.9	4589.7	4518.9	4422.2
37.5°	5437.8	5472.0	5434.3	5376.5	5317.5	5311.6	5285.6	5229.0	5161.8	5083.9	4929.4
35°	6073.6	6162.0	6092.5	6000.4	5928.5	5901.4	5876.6	5745.7	5669.0	5542.8	5331.6
32.5°	6546.6	6611.5	6525.4	6429.8	6342.5	6304.8	6217.5	6061.8	6020.5	5755.1	5561.6
30°	6670.4	6665.7	6576.1	6502.9	6408.6	6382.6	6222.2	6090.1	5958.0	5712.6	5528.6
27.5°	6375.5	6346.1	6259.9	6196.3	6103.1	6072.4	5914.3	5843.6	5639.5	5431.9	5276.2
25°	5718.5	5733.9	5669.0	5637.1	5575.8	5509.7	5447.2	5351.7	5224.3	5042.6	4899.9
22.5°	5200.7	5220.8	5193.6	5155.9	5108.7	5072.1	5024.9	4950.6	4828.0	4715.9	4581.4
20°	4912.9	4907.0	4883.4	4855.1	4810.3	4784.3	4732.4	4669.9	4575.5	4478.8	4333.7
17.5°	4761.9	4725.3	4702.9	4692.3	4668.7	4635.7	4574.4	4510.7	4437.5	4327.8	4221.7
15°	4649.8	4655.7	4638.0	4629.8	4610.9	4564.9	4502.4	4450.5	4351.4	4296.0	4199.3
12.5°	4642.8	4636.9	4638.0	4634.5	4610.9	4551.9	4520.1	4454.0	4390.3	4317.2	4206.3
10°	4726.5	4664.0	4668.7	4685.2	4647.5	4600.3	4566.1	4494.1	4434.0	4340.8	4231.1
7.5°	4721.8	4689.9	4699.4	4672.3	4684.1	4626.3	4579.1	4507.1	4431.6	4332.5	4233.5
5°	4750.1	4701.7	4693.5	4695.8	4666.4	4622.7	4559.0	4490.6	4419.8	4308.9	4207.5
2.5°	4685.2	4692.3	4654.6	4640.4	4636.9	4563.7	4504.8	4438.7	4365.6	4267.7	4176.8
0°	4636.9	4649.8	4610.9	4590.9	4589.7	4527.2	4489.4	4413.9	4362.0	4280.6	4170.9
-2.5°	4610.9	4626.3	4631.0	4594.4	4559.0	4510.7	4447.0	4365.6	4280.6	4186.3	4091.9
-5°	4613.3	4582.6	4569.6	4581.4	4550.8	4502.4	4431.6	4359.7	4275.9	4174.5	4056.5
-7.5°	4520.1	4489.4	4487.1	4481.2	4474.1	4428.1	4369.1	4291.3	4206.3	4112.0	4002.3
-10°	4380.9	4358.5	4352.6	4346.7	4327.8	4300.7	4245.3	4174.5	4097.8	4003.4	3886.7
-12.5°	4226.4	4215.8	4193.4	4178.0	4159.1	4127.3	4074.2	4009.3	3932.7	3848.9	3748.7
-15°	4055.3	4035.3	4012.9	3999.9	3972.8	3935.0	3881.9	3821.8	3738.0	3655.5	3561.1
-17.5°	3848.9	3824.1	3799.4	3795.8	3777.0	3719.2	3669.6	3596.5	3523.4	3444.3	3352.3
-20°	3605.9	3571.7	3555.2	3545.8	3519.8	3477.4	3424.3	3357.0	3286.3	3210.8	3104.6



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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°	3337.0	3307.5	3279.2	3261.5	3239.1	3206.1	3155.3	3096.4	3026.8	2941.8	2843.9
-25°	3031.5	2990.2	2972.5	2952.5	2940.7	2910.0	2860.4	2806.2	2734.2	2651.7	2558.5
-27.5°	2682.3	2649.3	2639.9	2611.6	2597.4	2565.6	2524.3	2473.5	2407.5	2329.6	2253.0
-30°	2296.6	2276.6	2261.2	2232.9	2222.3	2188.1	2161.0	2118.5	2058.3	2002.9	1941.6
-32.5°	1900.3	1880.2	1875.5	1862.5	1855.5	1833.0	1802.4	1771.7	1723.3	1682.1	1632.5
-35°	1548.8	1534.6	1535.8	1534.6	1527.5	1511.0	1473.3	1465.0	1429.6	1391.9	1360.0
-37.5°	1268.0	1269.2	1268.0	1266.9	1257.4	1250.3	1223.2	1212.6	1191.4	1154.8	1135.9
-40°	1056.9	1059.2	1058.1	1055.7	1045.1	1041.6	1023.9	1009.7	1001.5	975.5	955.4
-42.5°	885.9	889.4	888.2	887.0	880.0	878.8	869.3	852.8	848.1	832.8	811.5
-45°	756.1	754.9	752.6	754.9	751.4	747.8	741.9	731.3	725.4	718.4	700.7
-47.5°	653.5	654.7	652.3	652.3	647.6	644.0	641.7	634.6	629.9	624.0	613.4
-50°	568.6	573.3	572.1	570.9	567.4	565.0	565.0	557.9	550.9	548.5	541.4
-52.5°	502.5	506.0	507.2	509.6	510.8	511.9	508.4	501.3	489.5	488.3	484.8
-55°	442.3	453.0	460.0	464.7	469.5	473.0	465.9	456.5	444.7	440.0	438.8
-57.5°	401.1	411.7	419.9	427.0	432.9	438.8	431.7	422.3	411.7	405.8	404.6
-60°	363.3	372.7	381.0	390.4	398.7	408.1	404.6	397.5	391.6	386.9	382.2
-62.5°	323.2	332.6	342.1	353.9	364.5	373.9	375.1	373.9	372.7	373.9	365.7
-65°	290.2	294.9	300.8	313.8	325.6	336.2	342.1	345.6	351.5	357.4	349.2
-67.5°	254.8	260.7	267.8	277.2	286.6	293.7	302.0	311.4	320.8	330.3	324.4
-70°	222.9	227.7	233.6	238.3	244.2	248.9	256.0	266.6	277.2	286.6	284.3
-72.5°	189.9	194.6	198.2	200.5	204.1	206.4	210.0	219.4	226.5	231.2	231.2
-75°	156.9	161.6	165.1	166.3	168.7	169.9	172.2	175.8	179.3	180.5	181.7
-77.5°	120.3	125.0	128.6	130.9	133.3	135.6	136.8	139.2	140.4	140.4	141.5
-80°	89.6	93.2	95.5	99.1	100.3	102.6	105.0	106.2	107.3	107.3	108.5
-82.5°	63.7	66.1	68.4	70.8	73.1	74.3	76.7	77.9	79.0	80.2	81.4
-85°	42.5	44.8	47.2	49.5	50.7	51.9	53.1	54.3	55.4	56.6	57.8
-87.5°	24.8	26.0	27.1	29.5	30.7	33.0	34.2	33.0	34.2	34.2	34.2
-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°	46.0	46.0	46.0	46.0	44.8	42.5	41.3	38.9	36.6	34.2	31.8
85°	95.5	96.7	96.7	96.7	94.4	93.2	89.6	86.1	81.4	74.3	68.4
82.5°	159.2	160.4	160.4	159.2	156.9	153.3	148.6	142.7	133.3	123.9	115.6
80°	239.5	240.6	240.6	239.5	233.6	227.7	221.8	214.7	202.9	189.9	175.8
77.5°	335.0	337.4	337.4	333.8	325.6	318.5	309.0	297.3	279.6	260.7	241.8
75°	445.9	451.8	453.0	449.4	438.8	425.8	410.5	390.4	363.3	339.7	317.3
72.5°	574.4	580.3	585.1	580.3	565.0	547.3	524.9	501.3	474.2	442.3	404.6
70°	743.1	749.0	752.6	737.2	710.1	680.6	653.5	626.3	594.5	555.6	514.3
67.5°	955.4	949.5	942.5	911.8	877.6	842.2	804.5	764.4	723.1	681.8	633.4
65°	1159.5	1143.0	1127.7	1091.1	1047.5	1001.5	957.8	913.0	863.4	811.5	765.5
62.5°	1374.2	1338.8	1301.1	1256.2	1211.4	1160.7	1117.0	1064.0	1008.5	944.8	885.9
60°	1585.3	1542.9	1505.1	1449.7	1390.7	1322.3	1275.1	1223.2	1158.3	1089.9	1020.3
57.5°	1789.4	1743.4	1702.1	1653.7	1590.1	1515.7	1463.8	1396.6	1328.2	1242.1	1171.3
55°	2006.4	1960.4	1927.4	1873.1	1803.6	1735.1	1678.5	1607.7	1512.2	1420.2	1332.9
52.5°	2255.3	2218.8	2183.4	2127.9	2044.2	1974.6	1912.1	1833.0	1732.8	1619.5	1514.6
50°	2533.7	2514.8	2477.1	2412.2	2316.7	2255.3	2172.8	2067.8	1960.4	1841.3	1710.4
47.5°	2902.9	2872.2	2819.2	2748.4	2668.2	2576.2	2465.3	2342.6	2190.5	2058.3	1919.2
45°	3344.1	3287.4	3219.0	3123.5	3024.4	2920.6	2799.1	2643.4	2439.3	2267.1	2120.9
42.5°	3821.8	3745.1	3651.9	3526.9	3398.3	3270.9	3140.0	2927.7	2672.9	2474.7	2309.6
40°	4320.7	4222.8	4106.1	3924.4	3781.7	3617.7	3467.9	3150.6	2879.3	2664.6	2488.9
37.5°	4809.1	4685.2	4489.4	4268.8	4102.5	3968.1	3639.0	3299.2	3056.3	2820.3	2642.2
35°	5183.0	5078.0	4732.4	4503.6	4360.9	4148.5	3736.9	3388.9	3131.7	2935.9	2658.7
32.5°	5404.8	5133.5	4830.3	4599.1	4481.2	4133.2	3743.9	3414.8	3167.1	2947.7	2616.3
30°	5355.2	5027.3	4761.9	4568.5	4312.5	3999.9	3677.9	3374.7	3134.1	2868.7	2569.1
27.5°	5056.8	4803.2	4566.1	4364.4	4113.1	3832.4	3535.2	3268.6	3044.5	2787.3	2504.2
25°	4719.4	4489.4	4313.7	4137.9	3899.6	3631.9	3370.0	3177.7	2952.5	2698.8	2419.3
22.5°	4409.2	4244.1	4106.1	3922.1	3689.7	3456.1	3293.3	3094.0	2862.8	2605.7	2332.0
20°	4211.0	4099.0	3940.9	3738.0	3555.2	3408.9	3228.5	3017.3	2779.1	2510.1	2257.7
17.5°	4115.5	3985.7	3810.0	3677.9	3537.5	3377.1	3175.4	2951.3	2697.7	2466.5	2265.9
15°	4066.0	3929.1	3813.5	3683.8	3525.7	3357.0	3132.9	2900.5	2697.7	2484.2	2271.8
12.5°	4076.6	3958.6	3832.4	3690.9	3521.0	3340.5	3137.6	2921.8	2711.8	2497.1	2273.0
10°	4109.6	3985.7	3851.3	3694.4	3523.4	3345.2	3150.6	2934.8	2718.9	2503.0	2270.7
7.5°	4121.4	3986.9	3843.0	3685.0	3517.5	3342.9	3153.0	2938.3	2720.1	2501.9	2263.6
5°	4084.8	3963.3	3824.1	3664.9	3500.9	3331.1	3143.5	2933.6	2710.6	2490.1	2245.9
2.5°	4035.3	3937.4	3804.1	3650.8	3484.4	3314.6	3128.2	2912.3	2689.4	2468.8	2223.5
0°	4027.0	3905.5	3771.1	3634.2	3457.3	3278.0	3092.8	2872.2	2650.5	2428.7	2184.6
-2.5°	3972.8	3844.2	3709.7	3561.1	3405.4	3224.9	3030.3	2814.4	2595.0	2376.8	2142.1
-5°	3931.5	3788.8	3646.0	3485.6	3328.7	3148.3	2946.6	2736.6	2521.9	2309.6	2083.1
-7.5°	3876.0	3729.8	3580.0	3412.5	3242.6	3058.6	2859.3	2649.3	2438.2	2227.0	2010.0
-10°	3764.0	3635.4	3495.1	3321.7	3142.4	2958.3	2760.2	2553.8	2342.6	2129.1	1910.9
-12.5°	3628.3	3492.7	3339.3	3180.1	3019.7	2848.6	2650.5	2447.6	2235.3	2020.6	1803.6
-15°	3452.6	3319.3	3162.4	3006.7	2852.2	2688.2	2513.7	2330.8	2115.0	1903.8	1686.8
-17.5°	3233.2	3108.2	2967.8	2819.2	2665.8	2500.7	2330.8	2176.3	1974.6	1776.4	1561.7
-20°	2997.3	2880.5	2754.3	2613.9	2460.6	2299.0	2138.6	1977.0	1802.4	1627.8	1428.5



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2751.9	2634.0	2506.6	2375.6	2234.1	2084.3	1935.7	1781.1	1627.8	1469.7	1301.1
-25°	2468.8	2365.0	2248.3	2120.9	1994.6	1863.7	1722.2	1581.8	1450.9	1314.0	1176.0
-27.5°	2172.8	2077.2	1971.1	1860.2	1751.7	1642.0	1519.3	1389.5	1281.0	1167.8	1053.4
-30°	1861.4	1784.7	1698.6	1601.8	1518.1	1429.6	1327.0	1219.7	1120.6	1034.5	942.5
-32.5°	1566.5	1501.6	1440.2	1376.6	1294.0	1225.6	1154.8	1075.8	988.5	907.1	841.0
-35°	1312.9	1243.3	1217.3	1170.1	1111.1	1051.0	999.1	942.5	876.4	804.5	750.2
-37.5°	1099.4	1058.1	1021.5	995.6	956.6	908.3	867.0	825.7	775.0	720.7	666.5
-40°	933.0	904.7	864.6	851.6	826.9	793.8	751.4	719.5	685.3	644.0	598.0
-42.5°	799.7	778.5	752.6	730.2	719.5	695.9	662.9	632.2	605.1	576.8	541.4
-45°	690.0	675.9	659.4	639.3	631.1	612.2	588.6	554.4	539.1	515.5	489.5
-47.5°	601.6	594.5	582.7	569.7	557.9	543.8	522.5	501.3	480.1	464.7	444.7
-50°	532.0	527.3	520.2	509.6	494.2	484.8	470.6	451.8	431.7	418.7	404.6
-52.5°	476.5	471.8	467.1	458.9	447.1	437.6	425.8	410.5	394.0	381.0	369.2
-55°	434.1	427.0	423.5	416.4	406.9	396.3	385.7	375.1	360.9	349.2	337.4
-57.5°	401.1	391.6	386.9	381.0	371.6	360.9	352.7	342.1	332.6	319.7	309.0
-60°	375.1	364.5	355.0	349.2	340.9	330.3	322.0	313.8	304.3	293.7	280.7
-62.5°	353.9	340.9	327.9	320.8	312.6	303.1	294.9	286.6	277.2	266.6	254.8
-65°	333.8	318.5	302.0	294.9	286.6	277.2	266.6	260.7	252.4	243.0	231.2
-67.5°	309.0	292.5	278.4	270.1	261.9	253.6	244.2	238.3	230.0	218.2	206.4
-70°	272.5	261.9	252.4	245.3	238.3	231.2	221.8	212.3	202.9	192.3	181.7
-72.5°	226.5	222.9	221.8	218.2	210.0	201.7	192.3	182.8	174.6	166.3	158.1
-75°	182.8	185.2	187.6	186.4	178.1	169.9	161.6	153.3	147.4	140.4	133.3
-77.5°	145.1	147.4	149.8	149.8	143.9	139.2	133.3	127.4	122.7	116.8	109.7
-80°	112.1	115.6	119.1	121.5	116.8	113.2	108.5	103.8	99.1	94.4	89.6
-82.5°	84.9	88.5	92.0	94.4	90.8	88.5	84.9	81.4	77.9	73.1	69.6
-85°	61.3	63.7	66.1	67.2	64.9	62.5	60.2	57.8	55.4	51.9	49.5
-87.5°	35.4	36.6	37.7	38.9	36.6	34.2	33.0	30.7	29.5	27.1	26.0
-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-S-SA3B-930-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°	29.5	27.1	24.8	23.6	21.2	17.7	15.3	13.0	10.6	8.3	7.1
85°	62.5	56.6	49.5	46.0	41.3	36.6	31.8	27.1	22.4	17.7	13.0
82.5°	107.3	100.3	93.2	84.9	74.3	61.3	48.4	40.1	33.0	26.0	20.1
80°	161.6	148.6	136.8	126.2	114.4	97.9	80.2	63.7	44.8	34.2	26.0
77.5°	224.1	208.8	192.3	174.6	155.7	133.3	113.2	92.0	69.6	47.2	33.0
75°	294.9	274.8	252.4	227.7	202.9	173.4	145.1	120.3	94.4	66.1	40.1
72.5°	373.9	349.2	322.0	289.0	250.1	215.9	181.7	148.6	118.0	83.7	54.3
70°	475.4	436.4	396.3	360.9	311.4	257.1	217.0	179.3	140.4	102.6	68.4
67.5°	583.9	536.7	488.3	436.4	373.9	310.2	252.4	210.0	164.0	120.3	81.4
65°	701.8	642.9	581.5	523.7	437.6	362.1	297.3	239.5	186.4	136.8	94.4
62.5°	823.3	753.7	683.0	607.5	508.4	415.2	339.7	272.5	207.6	152.2	106.2
60°	953.1	871.7	785.6	691.2	575.6	473.0	379.8	306.7	230.0	167.5	119.1
57.5°	1089.9	1001.5	900.0	772.6	645.2	528.4	425.8	337.4	250.1	181.7	128.6
55°	1238.5	1137.1	1026.2	857.5	713.6	583.9	471.8	368.0	271.3	193.4	138.0
52.5°	1399.0	1281.0	1140.6	947.2	785.6	640.5	514.3	395.2	291.4	206.4	146.3
50°	1578.3	1429.6	1240.9	1029.8	848.1	693.6	556.8	424.6	307.9	220.6	153.3
47.5°	1764.6	1604.2	1330.5	1106.4	911.8	745.5	600.4	450.6	324.4	232.4	160.4
45°	1959.3	1725.7	1423.7	1174.8	967.2	792.7	633.4	474.2	344.4	243.0	166.3
42.5°	2151.5	1817.7	1505.1	1243.3	1019.1	835.1	660.6	496.6	360.9	253.6	172.2
40°	2242.4	1887.3	1570.0	1290.4	1062.8	872.9	684.1	516.6	375.1	260.7	178.1
37.5°	2280.1	1929.8	1612.5	1335.3	1097.0	892.9	704.2	534.3	386.9	267.8	182.8
35°	2288.4	1945.1	1633.7	1365.9	1125.3	911.8	719.5	547.3	396.3	274.8	187.6
32.5°	2273.0	1940.4	1639.6	1376.6	1143.0	926.0	730.2	556.8	403.4	281.9	192.3
30°	2238.8	1915.6	1618.4	1375.4	1156.0	934.2	737.2	563.8	410.5	286.6	194.6
27.5°	2183.4	1872.0	1591.2	1376.6	1163.1	937.8	740.8	567.4	415.2	290.2	199.3
25°	2115.0	1813.0	1592.4	1374.2	1164.2	938.9	740.8	567.4	416.4	291.4	202.9
22.5°	2035.9	1813.0	1592.4	1370.7	1157.2	936.6	737.2	565.0	416.4	293.7	206.4
20°	2040.6	1814.2	1588.9	1363.6	1146.5	929.5	729.0	559.1	412.8	297.3	208.8
17.5°	2044.2	1811.8	1581.8	1354.1	1132.4	917.7	718.4	550.9	412.8	300.8	210.0
15°	2044.2	1804.7	1571.2	1340.0	1114.7	901.2	703.0	543.8	414.0	302.0	212.3
12.5°	2040.6	1791.8	1554.7	1321.1	1093.5	881.1	693.6	541.4	414.0	303.1	212.3
10°	2033.6	1774.1	1533.4	1297.5	1073.4	874.1	688.9	536.7	411.7	303.1	212.3
7.5°	2020.6	1752.8	1515.7	1283.4	1061.6	865.8	681.8	529.6	408.1	300.8	214.7
5°	2000.5	1741.0	1501.6	1266.9	1045.1	859.9	677.1	523.7	405.8	300.8	212.3
2.5°	1974.6	1726.9	1485.1	1245.6	1026.2	839.9	661.7	510.8	397.5	296.1	210.0
0°	1932.1	1698.6	1456.8	1216.1	1000.3	819.8	646.4	497.8	389.3	291.4	207.6
-2.5°	1893.2	1660.8	1420.2	1185.5	975.5	802.1	634.6	490.7	385.7	290.2	206.4
-5°	1838.9	1608.9	1371.8	1145.4	942.5	784.4	622.8	482.4	382.2	287.8	206.4
-7.5°	1778.8	1554.7	1321.1	1104.1	909.4	753.7	600.4	469.5	373.9	283.1	205.2
-10°	1685.6	1473.3	1257.4	1056.9	874.1	726.6	581.5	457.7	366.8	278.4	200.5
-12.5°	1586.5	1383.6	1184.3	999.1	834.0	698.3	560.3	444.7	358.6	273.7	198.2
-15°	1481.5	1291.6	1107.6	938.9	790.3	664.1	537.9	430.5	350.3	267.8	194.6
-17.5°	1371.8	1194.9	1028.6	877.6	746.7	628.7	514.3	417.6	340.9	261.9	191.1
-20°	1256.2	1095.8	948.4	815.1	700.7	593.3	489.5	402.2	330.3	254.8	186.4



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1141.8	997.9	865.8	753.7	653.5	556.8	464.7	386.9	318.5	246.5	182.8
-25°	1040.4	905.9	792.7	694.8	607.5	521.4	438.8	371.6	305.5	238.3	178.1
-27.5°	941.3	826.9	720.7	639.3	562.7	487.2	414.0	355.0	292.5	228.8	173.4
-30°	849.3	751.4	664.1	585.1	520.2	456.5	392.8	338.5	278.4	219.4	167.5
-32.5°	765.5	686.5	613.4	537.9	480.1	425.8	372.7	322.0	264.2	210.0	161.6
-35°	687.7	626.3	562.7	499.0	440.0	397.5	351.5	304.3	251.2	199.3	155.7
-37.5°	618.1	568.6	517.8	463.6	412.8	370.4	331.5	286.6	238.3	189.9	149.8
-40°	557.9	517.8	473.0	429.4	386.9	346.8	311.4	268.9	225.3	182.8	143.9
-42.5°	502.5	471.8	435.3	398.7	360.9	325.6	291.4	250.1	212.3	174.6	138.0
-45°	460.0	429.4	399.9	366.8	335.0	304.3	270.1	233.6	200.5	165.1	132.1
-47.5°	419.9	392.8	365.7	338.5	312.6	284.3	250.1	219.4	187.6	156.9	127.4
-50°	384.5	358.6	335.0	311.4	289.0	261.9	230.0	205.2	176.9	148.6	121.5
-52.5°	351.5	329.1	305.5	286.6	267.8	240.6	214.7	191.1	166.3	139.2	115.6
-55°	322.0	300.8	279.6	261.9	244.2	220.6	199.3	179.3	155.7	132.1	109.7
-57.5°	293.7	276.0	256.0	239.5	221.8	202.9	185.2	166.3	145.1	125.0	103.8
-60°	267.8	251.2	233.6	217.0	201.7	186.4	169.9	154.5	135.6	116.8	97.9
-62.5°	241.8	227.7	212.3	195.8	184.0	169.9	156.9	141.5	126.2	109.7	87.3
-65°	218.2	205.2	191.1	176.9	166.3	155.7	143.9	129.8	116.8	101.4	77.9
-67.5°	194.6	182.8	171.0	159.2	149.8	141.5	129.8	119.1	108.5	92.0	68.4
-70°	172.2	162.8	152.2	142.7	135.6	126.2	118.0	108.5	99.1	80.2	57.8
-72.5°	151.0	141.5	133.3	126.2	120.3	112.1	105.0	97.9	84.9	67.2	48.4
-75°	126.2	120.3	115.6	109.7	103.8	97.9	92.0	83.7	70.8	54.3	37.7
-77.5°	103.8	100.3	96.7	92.0	87.3	82.6	75.5	67.2	56.6	42.5	30.7
-80°	84.9	81.4	79.0	74.3	70.8	66.1	59.0	51.9	41.3	33.0	24.8
-82.5°	64.9	62.5	60.2	57.8	54.3	49.5	42.5	36.6	30.7	24.8	18.9
-85°	46.0	44.8	42.5	40.1	36.6	33.0	28.3	24.8	21.2	16.5	13.0
-87.5°	23.6	22.4	21.2	20.1	18.9	16.5	14.2	11.8	10.6	8.3	5.9
-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: P722255
 CATALOG NUMBER: IFLD-S-SA3B-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	4.7	3.5	1.2	0.0
85°	9.4	5.9	2.4	0.0
82.5°	14.2	9.4	3.5	0.0
80°	18.9	11.8	5.9	0.0
77.5°	23.6	14.2	7.1	0.0
75°	28.3	17.7	8.3	0.0
72.5°	31.8	20.1	9.4	0.0
70°	37.7	23.6	10.6	0.0
67.5°	47.2	26.0	11.8	0.0
65°	55.4	28.3	13.0	0.0
62.5°	64.9	30.7	14.2	0.0
60°	73.1	33.0	15.3	0.0
57.5°	81.4	38.9	16.5	0.0
55°	88.5	43.6	17.7	0.0
52.5°	96.7	48.4	18.9	0.0
50°	103.8	53.1	20.1	0.0
47.5°	109.7	57.8	20.1	0.0
45°	114.4	61.3	21.2	0.0
42.5°	118.0	64.9	22.4	0.0
40°	121.5	68.4	23.6	0.0
37.5°	125.0	72.0	23.6	0.0
35°	128.6	75.5	24.8	0.0
32.5°	132.1	79.0	24.8	0.0
30°	134.5	81.4	26.0	0.0
27.5°	138.0	83.7	26.0	0.0
25°	139.2	86.1	27.1	0.0
22.5°	141.5	87.3	27.1	0.0
20°	143.9	89.6	27.1	0.0
17.5°	145.1	90.8	28.3	0.0
15°	145.1	92.0	29.5	0.0
12.5°	146.3	93.2	29.5	0.0
10°	146.3	95.5	28.3	0.0
7.5°	148.6	94.4	28.3	0.0
5°	147.4	94.4	28.3	0.0
2.5°	146.3	93.2	28.3	0.0
0°	145.1	93.2	28.3	0.0
-2.5°	145.1	93.2	28.3	0.0
-5°	145.1	93.2	28.3	0.0
-7.5°	143.9	94.4	28.3	0.0
-10°	141.5	94.4	28.3	0.0
-12.5°	140.4	90.8	28.3	0.0
-15°	139.2	89.6	28.3	0.0
-17.5°	136.8	88.5	27.1	0.0
-20°	134.5	87.3	27.1	0.0



REPORT NUMBER: P722255
 CATALOG NUMBER: IFLD-S-SA3B-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	132.1	84.9	27.1	0.0
-25°	129.8	82.6	26.0	0.0
-27.5°	127.4	80.2	26.0	0.0
-30°	123.9	77.9	24.8	0.0
-32.5°	120.3	75.5	24.8	0.0
-35°	118.0	72.0	23.6	0.0
-37.5°	114.4	68.4	23.6	0.0
-40°	110.9	64.9	22.4	0.0
-42.5°	107.3	61.3	21.2	0.0
-45°	102.6	57.8	21.2	0.0
-47.5°	99.1	54.3	20.1	0.0
-50°	93.2	49.5	18.9	0.0
-52.5°	86.1	44.8	17.7	0.0
-55°	79.0	41.3	16.5	0.0
-57.5°	72.0	36.6	16.5	0.0
-60°	64.9	31.8	15.3	0.0
-62.5°	57.8	29.5	14.2	0.0
-65°	50.7	27.1	13.0	0.0
-67.5°	42.5	23.6	11.8	0.0
-70°	35.4	21.2	10.6	0.0
-72.5°	30.7	18.9	9.4	0.0
-75°	26.0	16.5	8.3	0.0
-77.5°	22.4	14.2	7.1	0.0
-80°	17.7	10.6	4.7	0.0
-82.5°	13.0	8.3	3.5	0.0
-85°	8.3	5.9	2.4	0.0
-87.5°	4.7	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)