

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: P722345

Luminaire Tested: **IFLD-S-SA3E-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722345
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3E-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (48) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

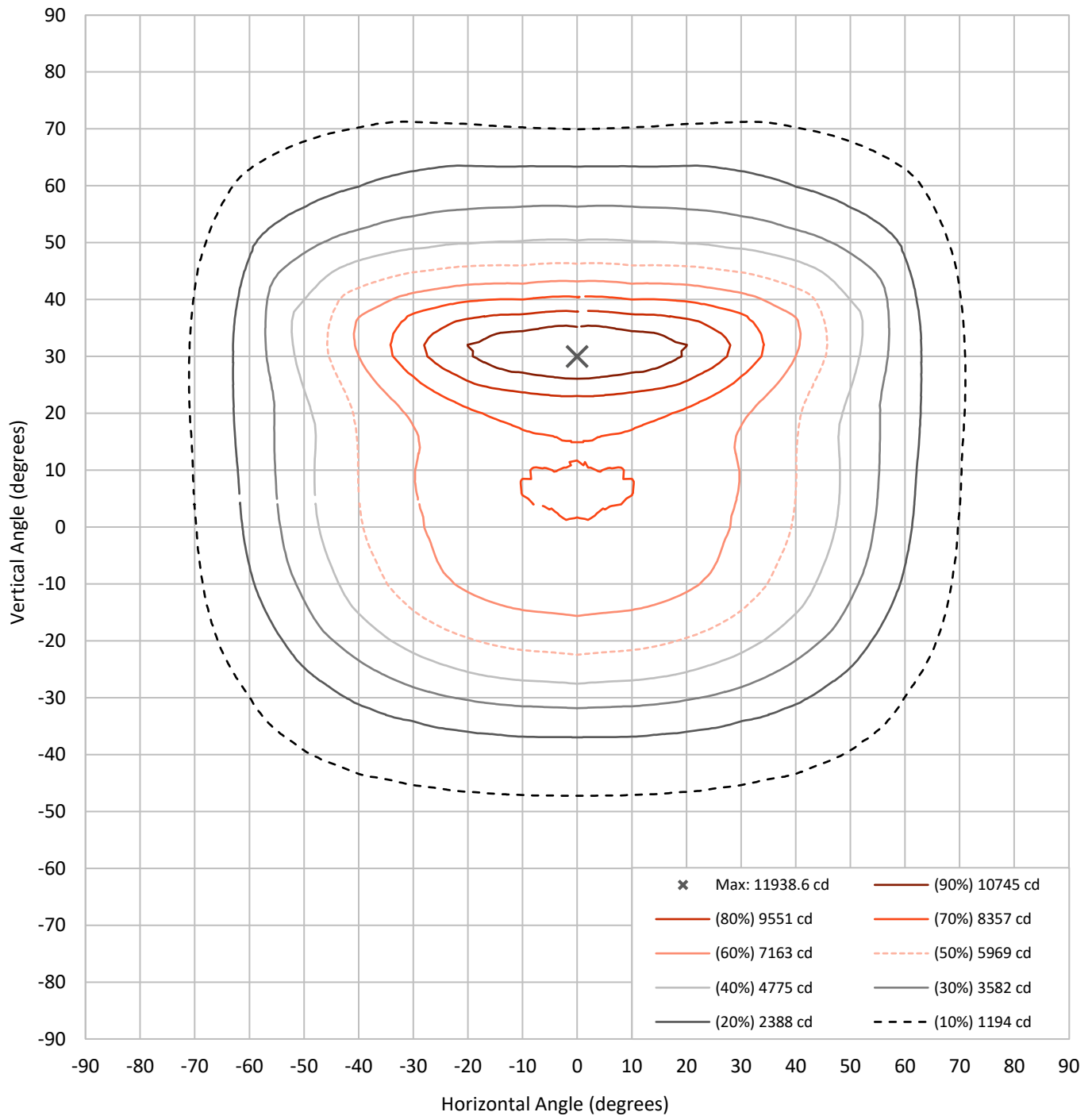
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19928.5 lumens	Max Intensity:	11938.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	85.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	11588.7 lumens	Field Lumens:	18675.6 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



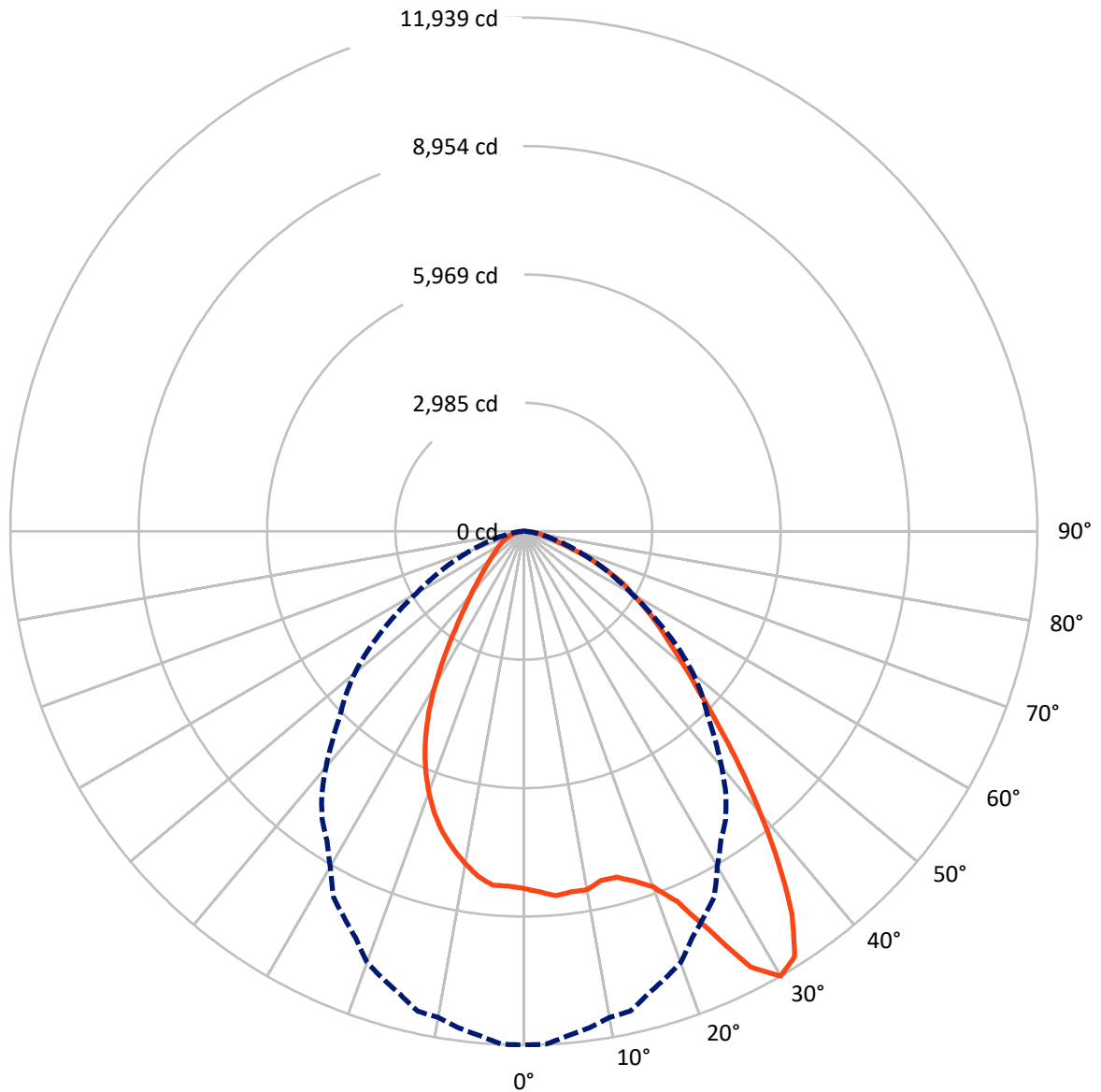
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Iso-Candela Plot



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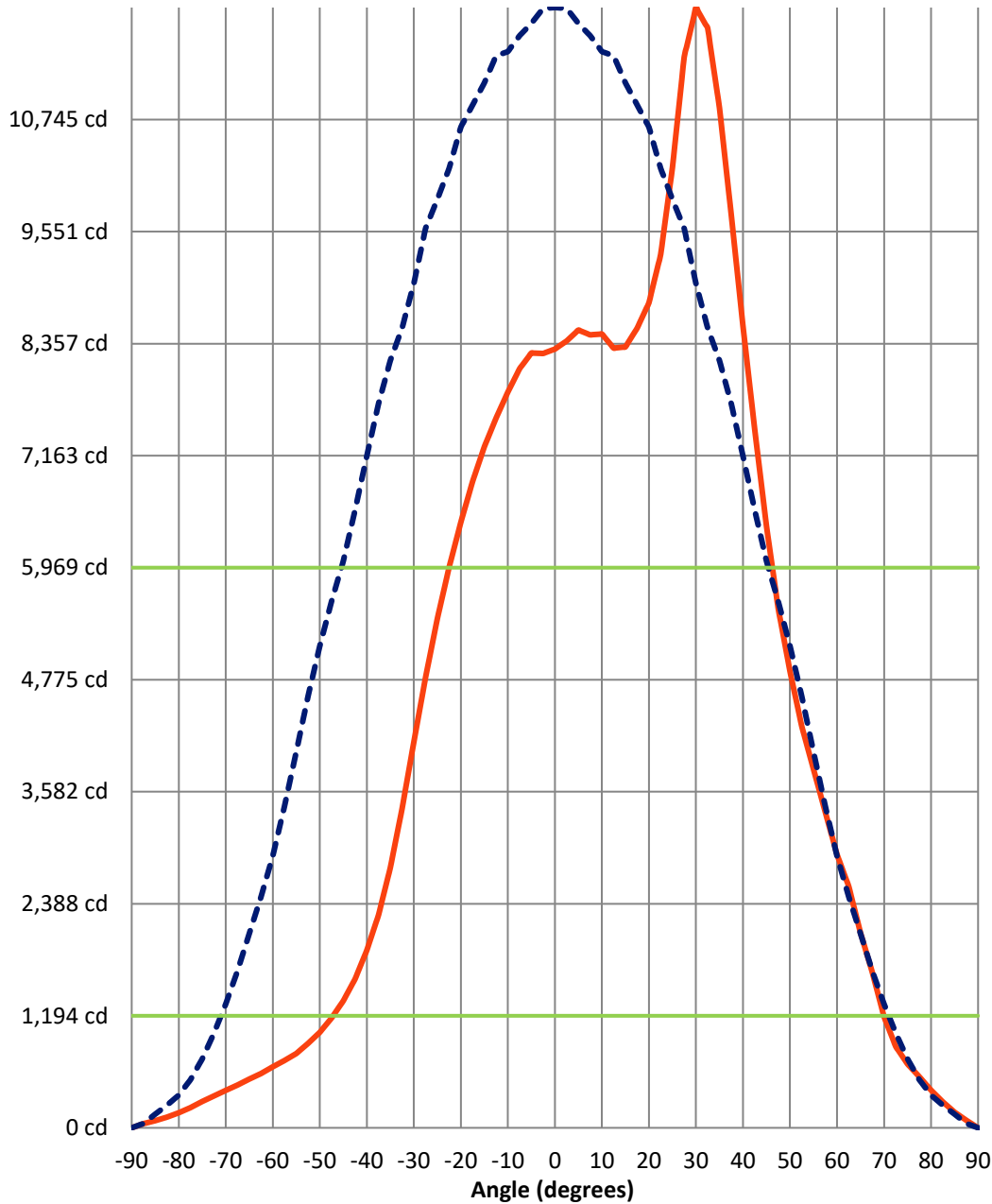
Luminous Intensity Polar Plot



— 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: 11588.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 18675.6
 Efficiency: 93.7%

Spill:
 Lumens: 1252.9
 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°	80.2	82.3	84.4	84.4	82.3	82.3	82.3	80.2	82.3	82.3	82.3
85°	166.8	171.0	175.2	173.1	171.0	166.8	162.6	164.7	166.8	168.9	168.9
82.5°	276.6	282.9	287.1	285.0	280.8	276.6	272.3	274.5	278.7	280.8	280.8
80°	401.1	403.2	405.3	409.6	403.2	403.2	401.1	409.6	413.8	418.0	422.2
77.5°	544.7	546.8	546.8	548.9	551.0	553.1	553.1	567.9	578.5	584.8	591.1
75°	679.8	686.1	692.5	698.8	707.2	711.5	717.8	738.9	755.8	768.5	781.1
72.5°	865.6	874.0	884.6	899.4	914.1	924.7	939.5	964.8	983.8	996.5	1011.2
70°	1184.4	1192.8	1203.4	1213.9	1228.7	1239.2	1254.0	1285.7	1304.7	1313.1	1321.6
67.5°	1657.3	1678.4	1697.4	1676.3	1665.7	1650.9	1655.1	1684.7	1703.7	1716.4	1714.3
65°	2077.4	2092.2	2092.2	2090.0	2081.6	2062.6	2073.2	2109.0	2130.2	2140.7	2109.0
62.5°	2571.4	2571.4	2560.8	2577.7	2579.8	2567.2	2560.8	2562.9	2565.1	2571.4	2518.6
60°	2913.4	2934.5	2940.8	2955.6	2959.8	2959.8	2970.4	2978.8	2978.8	2966.2	2905.0
57.5°	3365.2	3405.3	3413.7	3403.2	3382.1	3354.6	3350.4	3337.7	3312.4	3287.1	3257.5
55°	3821.2	3842.3	3840.2	3833.9	3812.7	3781.1	3785.3	3768.4	3728.3	3696.6	3656.5
52.5°	4279.3	4330.0	4338.4	4325.8	4296.2	4262.4	4264.5	4245.5	4205.4	4171.6	4116.8
50°	4864.1	4906.3	4902.1	4881.0	4838.8	4813.4	4815.5	4779.7	4733.2	4722.7	4650.9
47.5°	5533.3	5581.9	5573.5	5543.9	5486.9	5476.3	5486.9	5440.5	5413.0	5389.8	5305.3
45°	6411.6	6468.6	6436.9	6379.9	6289.1	6299.7	6314.5	6306.0	6246.9	6185.7	6078.0
42.5°	7441.8	7477.7	7439.7	7382.7	7268.7	7289.8	7281.4	7230.7	7194.8	7093.5	6956.3
40°	8543.9	8622.0	8562.9	8474.2	8356.0	8387.6	8364.4	8299.0	8214.5	8087.8	7914.7
37.5°	9732.4	9793.7	9726.1	9622.7	9517.1	9506.5	9460.1	9358.8	9238.4	9099.1	8822.5
35°	10870.3	11028.7	10904.1	10739.5	10610.7	10562.1	10517.8	10283.4	10146.2	9920.3	9542.4
32.5°	11716.9	11833.0	11678.9	11507.9	11351.7	11284.1	11127.9	10849.2	10775.3	10300.3	9954.1
30°	11938.6	11930.1	11769.7	11638.8	11469.9	11423.5	11136.4	10899.9	10663.5	10224.3	9895.0
27.5°	11410.8	11358.0	11203.9	11089.9	10923.1	10868.2	10585.3	10458.7	10093.4	9721.9	9443.2
25°	10234.9	10262.3	10146.2	10089.2	9979.4	9861.2	9749.3	9578.3	9350.3	9025.2	8769.7
22.5°	9308.1	9344.0	9295.4	9227.9	9143.4	9078.0	8993.5	8860.5	8641.0	8440.4	8199.7
20°	8793.0	8782.4	8740.2	8689.5	8609.3	8562.9	8470.0	8358.1	8189.2	8016.1	7756.4
17.5°	8522.7	8457.3	8417.2	8398.2	8356.0	8296.8	8187.1	8073.1	7942.2	7745.8	7555.8
15°	8322.2	8332.7	8301.1	8286.3	8252.5	8170.2	8058.3	7965.4	7788.1	7688.8	7515.7
12.5°	8309.5	8299.0	8301.1	8294.7	8252.5	8147.0	8090.0	7971.7	7857.7	7726.8	7528.4
10°	8459.4	8347.5	8356.0	8385.5	8318.0	8233.5	8172.3	8043.5	7935.8	7769.1	7572.7
7.5°	8451.0	8394.0	8410.9	8362.3	8383.4	8280.0	8195.5	8066.7	7931.6	7754.3	7576.9
5°	8501.6	8415.1	8400.3	8404.5	8351.7	8273.6	8159.6	8037.2	7910.5	7712.1	7530.5
2.5°	8385.5	8398.2	8330.6	8305.3	8299.0	8168.1	8062.5	7944.3	7813.4	7638.2	7475.6
0°	8299.0	8322.2	8252.5	8216.6	8214.5	8102.6	8035.1	7900.0	7807.1	7661.4	7465.1
-2.5°	8252.5	8280.0	8288.4	8223.0	8159.6	8073.1	7959.1	7813.4	7661.4	7492.5	7323.6
-5°	8256.7	8201.8	8178.6	8199.7	8144.8	8058.3	7931.6	7802.8	7652.9	7471.4	7260.3
-7.5°	8090.0	8035.1	8030.8	8020.3	8007.6	7925.3	7819.7	7680.4	7528.4	7359.5	7163.2
-10°	7840.8	7800.7	7790.2	7779.6	7745.8	7697.3	7598.1	7471.4	7334.2	7165.3	6956.3
-12.5°	7564.3	7545.3	7505.2	7477.7	7443.9	7386.9	7291.9	7175.8	7038.6	6888.7	6709.3
-15°	7258.2	7222.3	7182.2	7158.9	7110.4	7042.8	6947.8	6840.1	6690.3	6542.5	6373.6
-17.5°	6888.7	6844.4	6800.0	6793.7	6759.9	6656.5	6567.8	6436.9	6306.0	6164.6	5999.9
-20°	6453.8	6392.6	6363.0	6346.1	6299.7	6223.7	6128.7	6008.4	5881.7	5746.6	5556.6



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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°	5972.5	5919.7	5869.0	5837.3	5797.2	5738.1	5647.3	5541.8	5417.2	5265.2	5090.0
-25°	5425.7	5351.8	5320.1	5284.2	5263.1	5208.2	5119.6	5022.4	4893.7	4745.9	4579.1
-27.5°	4800.8	4741.7	4724.8	4674.1	4648.8	4591.8	4517.9	4427.1	4308.9	4169.5	4032.3
-30°	4110.4	4074.5	4047.1	3996.4	3977.4	3916.2	3867.6	3791.6	3684.0	3584.7	3475.0
-32.5°	3401.1	3365.2	3356.7	3333.5	3320.9	3280.7	3225.8	3171.0	3084.4	3010.5	2921.8
-35°	2771.9	2746.6	2748.7	2746.6	2733.9	2704.4	2636.8	2622.1	2558.7	2491.2	2434.2
-37.5°	2269.5	2271.6	2269.5	2267.4	2250.5	2237.8	2189.3	2170.3	2132.3	2066.8	2033.0
-40°	1891.6	1895.8	1893.7	1889.5	1870.5	1864.2	1832.5	1807.2	1792.4	1745.9	1710.0
-42.5°	1585.5	1591.8	1589.7	1587.6	1574.9	1572.8	1555.9	1526.4	1517.9	1490.5	1452.5
-45°	1353.3	1351.1	1346.9	1351.1	1344.8	1338.5	1327.9	1308.9	1298.4	1285.7	1254.0
-47.5°	1169.6	1171.7	1167.5	1167.5	1159.0	1152.7	1148.5	1135.8	1127.4	1116.8	1097.8
-50°	1017.6	1026.0	1023.9	1021.8	1015.5	1011.2	1011.2	998.6	985.9	981.7	969.0
-52.5°	899.4	905.7	907.8	912.0	914.1	916.2	909.9	897.2	876.1	874.0	867.7
-55°	791.7	810.7	823.4	831.8	840.2	846.6	833.9	817.0	795.9	787.5	785.4
-57.5°	717.8	736.8	751.6	764.2	774.8	785.4	772.7	755.8	736.8	726.2	724.1
-60°	650.2	667.1	681.9	698.8	713.6	730.5	724.1	711.5	700.9	692.5	684.0
-62.5°	578.5	595.3	612.2	633.3	652.3	669.2	671.3	669.2	667.1	669.2	654.5
-65°	519.3	527.8	538.3	561.6	582.7	601.7	612.2	618.6	629.1	639.7	624.9
-67.5°	456.0	466.6	479.2	496.1	513.0	525.7	540.5	557.3	574.2	591.1	580.6
-70°	399.0	407.5	418.0	426.5	437.0	445.5	458.1	477.1	496.1	513.0	508.8
-72.5°	339.9	348.3	354.7	358.9	365.2	369.5	375.8	392.7	405.3	413.8	413.8
-75°	280.8	289.2	295.6	297.7	301.9	304.0	308.2	314.6	320.9	323.0	325.1
-77.5°	215.3	223.8	230.1	234.3	238.6	242.8	244.9	249.1	251.2	251.2	253.3
-80°	160.4	166.8	171.0	177.3	179.4	183.7	187.9	190.0	192.1	192.1	194.2
-82.5°	114.0	118.2	122.4	126.7	130.9	133.0	137.2	139.3	141.4	143.6	145.7
-85°	76.0	80.2	84.4	88.7	90.8	92.9	95.0	97.1	99.2	101.3	103.4
-87.5°	44.3	46.4	48.6	52.8	54.9	59.1	61.2	59.1	61.2	61.2	61.2
-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°	82.3	82.3	82.3	82.3	80.2	76.0	73.9	69.7	65.4	61.2	57.0
85°	171.0	173.1	173.1	173.1	168.9	166.8	160.4	154.1	145.7	133.0	122.4
82.5°	285.0	287.1	287.1	285.0	280.8	274.5	266.0	255.5	238.6	221.7	206.9
80°	428.6	430.7	430.7	428.6	418.0	407.5	396.9	384.2	363.1	339.9	314.6
77.5°	599.6	603.8	603.8	597.5	582.7	570.0	553.1	532.0	500.3	466.6	432.8
75°	798.0	808.6	810.7	804.4	785.4	762.1	734.7	698.8	650.2	608.0	567.9
72.5°	1028.1	1038.7	1047.1	1038.7	1011.2	979.6	939.5	897.2	848.7	791.7	724.1
70°	1330.0	1340.6	1346.9	1319.5	1270.9	1218.1	1169.6	1121.0	1064.0	994.4	920.5
67.5°	1710.0	1699.5	1686.8	1631.9	1570.7	1507.4	1439.8	1368.0	1294.1	1220.2	1133.7
65°	2075.3	2045.7	2018.3	1952.8	1874.7	1792.4	1714.3	1634.0	1545.4	1452.5	1370.1
62.5°	2459.5	2396.2	2328.6	2248.4	2168.2	2077.4	1999.3	1904.3	1805.0	1691.0	1585.5
60°	2837.4	2761.4	2693.8	2594.6	2489.1	2366.6	2282.2	2189.3	2073.2	1950.7	1826.2
57.5°	3202.6	3120.3	3046.4	2959.8	2845.8	2712.8	2619.9	2499.6	2377.2	2223.0	2096.4
55°	3591.1	3508.7	3449.6	3352.5	3228.0	3105.5	3004.2	2877.5	2706.5	2541.8	2385.6
52.5°	4036.5	3971.1	3907.8	3808.5	3658.6	3534.1	3422.2	3280.7	3101.3	2898.6	2710.7
50°	4534.8	4501.0	4433.4	4317.3	4146.3	4036.5	3888.8	3700.9	3508.7	3295.5	3061.2
47.5°	5195.6	5140.7	5045.7	4919.0	4775.4	4610.8	4412.3	4192.8	3920.4	3684.0	3434.9
45°	5985.1	5883.8	5761.3	5590.3	5413.0	5227.2	5009.8	4731.1	4365.9	4057.6	3795.9
42.5°	6840.1	6702.9	6536.1	6312.4	6082.2	5854.2	5619.9	5239.9	4783.9	4429.2	4133.6
40°	7733.2	7557.9	7348.9	7023.8	6768.4	6474.9	6206.8	5638.9	5153.3	4769.1	4454.5
37.5°	8607.2	8385.5	8035.1	7640.3	7342.6	7101.9	6512.9	5904.9	5470.0	5047.8	4729.0
35°	9276.4	9088.5	8470.0	8060.4	7804.9	7424.9	6688.1	6065.4	5605.1	5254.7	4758.5
32.5°	9673.3	9187.8	8645.2	8231.4	8020.3	7397.5	6700.8	6111.8	5668.5	5275.8	4682.5
30°	9584.7	8997.8	8522.7	8176.5	7718.4	7158.9	6582.6	6040.0	5609.3	5134.3	4598.1
27.5°	9050.5	8596.6	8172.3	7811.3	7361.6	6859.1	6327.1	5850.0	5448.9	4988.7	4482.0
25°	8446.7	8035.1	7720.5	7405.9	6979.5	6500.3	6031.6	5687.5	5284.2	4830.3	4330.0
22.5°	7891.5	7595.9	7348.9	7019.6	6603.7	6185.7	5894.4	5537.6	5123.8	4663.5	4173.8
20°	7536.8	7336.3	7053.4	6690.3	6363.0	6101.2	5778.2	5400.3	4973.9	4492.5	4040.8
17.5°	7365.8	7133.6	6819.0	6582.6	6331.4	6044.2	5683.2	5282.1	4828.2	4414.4	4055.5
15°	7277.2	7032.3	6825.4	6593.1	6310.2	6008.4	5607.2	5191.3	4828.2	4446.1	4066.1
12.5°	7296.2	7085.0	6859.1	6605.8	6301.8	5978.8	5615.7	5229.3	4853.6	4469.3	4068.2
10°	7355.3	7133.6	6892.9	6612.1	6306.0	5987.2	5638.9	5252.6	4866.2	4479.9	4064.0
7.5°	7376.4	7135.7	6878.2	6595.3	6295.5	5983.0	5643.1	5258.9	4868.3	4477.8	4051.3
5°	7310.9	7093.5	6844.4	6559.4	6265.9	5961.9	5626.2	5250.4	4851.4	4456.7	4019.6
2.5°	7222.3	7047.0	6808.5	6534.0	6236.4	5932.4	5598.8	5212.4	4813.4	4418.7	3979.5
0°	7207.5	6990.0	6749.4	6504.5	6187.8	5866.9	5535.5	5140.7	4743.8	4346.9	3909.9
-2.5°	7110.4	6880.3	6639.6	6373.6	6094.9	5771.9	5423.6	5037.2	4644.5	4254.0	3833.9
-5°	7036.5	6781.0	6525.6	6238.5	5957.7	5634.7	5273.7	4897.9	4513.7	4133.6	3728.3
-7.5°	6937.3	6675.5	6407.4	6107.6	5803.6	5474.2	5117.4	4741.7	4363.8	3985.9	3597.4
-10°	6736.7	6506.6	6255.4	5945.0	5624.1	5294.8	4940.1	4570.7	4192.8	3810.6	3420.1
-12.5°	6493.9	6251.1	5976.7	5691.7	5404.6	5098.4	4743.8	4380.7	4000.6	3616.4	3228.0
-15°	6179.4	5940.8	5660.0	5381.3	5104.8	4811.3	4498.9	4171.6	3785.3	3407.4	3019.0
-17.5°	5786.7	5562.9	5311.7	5045.7	4771.2	4475.7	4171.6	3895.1	3534.1	3179.4	2795.2
-20°	5364.5	5155.4	4929.6	4678.3	4403.9	4114.6	3827.5	3538.3	3225.8	2913.4	2556.6



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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°	4925.3	4714.2	4486.2	4251.9	3998.5	3730.4	3464.4	3187.8	2913.4	2630.5	2328.6
-25°	4418.7	4232.9	4023.9	3795.9	3570.0	3335.6	3082.3	2831.1	2596.7	2351.8	2104.8
-27.5°	3888.8	3717.7	3527.7	3329.3	3135.1	2938.7	2719.2	2486.9	2292.7	2090.0	1885.3
-30°	3331.4	3194.2	3040.1	2867.0	2717.1	2558.7	2375.1	2182.9	2005.6	1851.5	1686.8
-32.5°	2803.6	2687.5	2577.7	2463.7	2315.9	2193.5	2066.8	1925.4	1769.1	1623.5	1505.3
-35°	2349.7	2225.2	2178.7	2094.3	1988.7	1881.0	1788.2	1686.8	1568.6	1439.8	1342.7
-37.5°	1967.6	1893.7	1828.3	1781.8	1712.1	1625.6	1551.7	1477.8	1387.0	1289.9	1192.8
-40°	1669.9	1619.3	1547.5	1524.3	1479.9	1420.8	1344.8	1287.8	1226.6	1152.7	1070.4
-42.5°	1431.4	1393.4	1346.9	1306.8	1287.8	1245.6	1186.5	1131.6	1083.0	1032.4	969.0
-45°	1235.0	1209.7	1180.1	1144.2	1129.5	1095.7	1053.5	992.2	964.8	922.6	876.1
-47.5°	1076.7	1064.0	1042.9	1019.7	998.6	973.2	935.2	897.2	859.2	831.8	795.9
-50°	952.1	943.7	931.0	912.0	884.6	867.7	842.4	808.6	772.7	749.5	724.1
-52.5°	852.9	844.5	836.0	821.2	800.1	783.2	762.1	734.7	705.1	681.9	660.8
-55°	776.9	764.2	757.9	745.2	728.3	709.3	690.3	671.3	646.0	624.9	603.8
-57.5°	717.8	700.9	692.5	681.9	665.0	646.0	631.2	612.2	595.3	572.1	553.1
-60°	671.3	652.3	635.5	624.9	610.1	591.1	576.3	561.6	544.7	525.7	502.5
-62.5°	633.3	610.1	586.9	574.2	559.5	542.6	527.8	513.0	496.1	477.1	456.0
-65°	597.5	570.0	540.5	527.8	513.0	496.1	477.1	466.6	451.8	434.9	413.8
-67.5°	553.1	523.6	498.2	483.5	468.7	453.9	437.0	426.5	411.7	390.6	369.5
-70°	487.7	468.7	451.8	439.1	426.5	413.8	396.9	380.0	363.1	344.1	325.1
-72.5°	405.3	399.0	396.9	390.6	375.8	361.0	344.1	327.2	312.5	297.7	282.9
-75°	327.2	331.5	335.7	333.6	318.8	304.0	289.2	274.5	263.9	251.2	238.6
-77.5°	259.7	263.9	268.1	268.1	257.6	249.1	238.6	228.0	219.6	209.0	196.3
-80°	200.6	206.9	213.2	217.4	209.0	202.7	194.2	185.8	177.3	168.9	160.4
-82.5°	152.0	158.3	164.7	168.9	162.6	158.3	152.0	145.7	139.3	130.9	124.6
-85°	109.8	114.0	118.2	120.3	116.1	111.9	107.7	103.4	99.2	92.9	88.7
-87.5°	63.3	65.4	67.6	69.7	65.4	61.2	59.1	54.9	52.8	48.6	46.4
-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: P722345
 CATALOG NUMBER: IFLD-S-SA3E-950-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°	52.8	48.6	44.3	42.2	38.0	31.7	27.4	23.2	19.0	14.8	12.7
85°	111.9	101.3	88.7	82.3	73.9	65.4	57.0	48.6	40.1	31.7	23.2
82.5°	192.1	179.4	166.8	152.0	133.0	109.8	86.6	71.8	59.1	46.4	35.9
80°	289.2	266.0	244.9	225.9	204.8	175.2	143.6	114.0	80.2	61.2	46.4
77.5°	401.1	373.7	344.1	312.5	278.7	238.6	202.7	164.7	124.6	84.4	59.1
75°	527.8	491.9	451.8	407.5	363.1	310.3	259.7	215.3	168.9	118.2	71.8
72.5°	669.2	624.9	576.3	517.2	447.6	386.3	325.1	266.0	211.1	149.9	97.1
70°	850.8	781.1	709.3	646.0	557.3	460.2	388.5	320.9	251.2	183.7	122.4
67.5°	1045.0	960.6	874.0	781.1	669.2	555.2	451.8	375.8	293.5	215.3	145.7
65°	1256.1	1150.6	1040.8	937.4	783.2	648.1	532.0	428.6	333.6	244.9	168.9
62.5°	1473.6	1349.0	1222.4	1087.2	909.9	743.1	608.0	487.7	371.6	272.3	190.0
60°	1705.8	1560.1	1406.0	1237.1	1030.2	846.6	679.8	548.9	411.7	299.8	213.2
57.5°	1950.7	1792.4	1610.8	1382.8	1154.8	945.8	762.1	603.8	447.6	325.1	230.1
55°	2216.7	2035.2	1836.7	1534.8	1277.3	1045.0	844.5	658.7	485.6	346.2	247.0
52.5°	2503.8	2292.7	2041.5	1695.3	1406.0	1146.4	920.5	707.2	521.5	369.5	261.8
50°	2824.7	2558.7	2220.9	1843.0	1517.9	1241.4	996.5	760.0	551.0	394.8	274.5
47.5°	3158.3	2871.2	2381.4	1980.3	1631.9	1334.3	1074.6	806.5	580.6	415.9	287.1
45°	3506.6	3088.6	2548.2	2102.7	1731.1	1418.7	1133.7	848.7	616.5	434.9	297.7
42.5°	3850.8	3253.3	2693.8	2225.2	1824.0	1494.7	1182.2	888.8	646.0	453.9	308.2
40°	4013.3	3377.9	2810.0	2309.6	1902.2	1562.3	1224.5	924.7	671.3	466.6	318.8
37.5°	4080.9	3453.9	2886.0	2389.8	1963.4	1598.1	1260.4	956.4	692.5	479.2	327.2
35°	4095.6	3481.3	2924.0	2444.7	2014.0	1631.9	1287.8	979.6	709.3	491.9	335.7
32.5°	4068.2	3472.9	2934.5	2463.7	2045.7	1657.3	1306.8	996.5	722.0	504.6	344.1
30°	4007.0	3428.5	2896.5	2461.6	2068.9	1672.0	1319.5	1009.1	734.7	513.0	348.3
27.5°	3907.8	3350.4	2848.0	2463.7	2081.6	1678.4	1325.8	1015.5	743.1	519.3	356.8
25°	3785.3	3244.8	2850.1	2459.5	2083.7	1680.5	1325.8	1015.5	745.2	521.5	363.1
22.5°	3643.9	3244.8	2850.1	2453.2	2071.0	1676.3	1319.5	1011.2	745.2	525.7	369.5
20°	3652.3	3247.0	2843.7	2440.5	2052.0	1663.6	1304.7	1000.7	738.9	532.0	373.7
17.5°	3658.6	3242.7	2831.1	2423.6	2026.7	1642.5	1285.7	985.9	738.9	538.3	375.8
15°	3658.6	3230.1	2812.1	2398.3	1995.0	1612.9	1258.2	973.2	741.0	540.5	380.0
12.5°	3652.3	3206.8	2782.5	2364.5	1957.0	1577.0	1241.4	969.0	741.0	542.6	380.0
10°	3639.6	3175.2	2744.5	2322.3	1921.2	1564.4	1232.9	960.6	736.8	542.6	380.0
7.5°	3616.4	3137.2	2712.8	2296.9	1900.0	1549.6	1220.2	947.9	730.5	538.3	384.2
5°	3580.5	3116.1	2687.5	2267.4	1870.5	1539.0	1211.8	937.4	726.2	538.3	380.0
2.5°	3534.1	3090.7	2657.9	2229.4	1836.7	1503.1	1184.4	914.1	711.5	529.9	375.8
0°	3458.1	3040.1	2607.3	2176.6	1790.3	1467.3	1156.9	890.9	696.7	521.5	371.6
-2.5°	3388.4	2972.5	2541.8	2121.7	1745.9	1435.6	1135.8	878.2	690.3	519.3	369.5
-5°	3291.3	2879.6	2455.3	2049.9	1686.8	1403.9	1114.7	863.5	684.0	515.1	369.5
-7.5°	3183.6	2782.5	2364.5	1976.0	1627.7	1349.0	1074.6	840.2	669.2	506.7	367.3
-10°	3016.8	2636.8	2250.5	1891.6	1564.4	1300.5	1040.8	819.1	656.6	498.2	358.9
-12.5°	2839.5	2476.4	2119.6	1788.2	1492.6	1249.8	1002.8	795.9	641.8	489.8	354.7
-15°	2651.6	2311.7	1982.4	1680.5	1414.5	1188.6	962.7	770.6	627.0	479.2	348.3
-17.5°	2455.3	2138.6	1840.9	1570.7	1336.4	1125.2	920.5	747.3	610.1	468.7	342.0
-20°	2248.4	1961.3	1697.4	1458.8	1254.0	1061.9	876.1	719.9	591.1	456.0	333.6



REPORT NUMBER: P722345

CATALOG NUMBER: IFLD-S-SA3E-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2043.6	1786.0	1549.6	1349.0	1169.6	996.5	831.8	692.5	570.0	441.2	327.2
-25°	1862.0	1621.4	1418.7	1243.5	1087.2	933.1	785.4	665.0	546.8	426.5	318.8
-27.5°	1684.7	1479.9	1289.9	1144.2	1007.0	871.9	741.0	635.5	523.6	409.6	310.3
-30°	1520.0	1344.8	1188.6	1047.1	931.0	817.0	703.0	605.9	498.2	392.7	299.8
-32.5°	1370.1	1228.7	1097.8	962.7	859.2	762.1	667.1	576.3	472.9	375.8	289.2
-35°	1230.8	1121.0	1007.0	893.0	787.5	711.5	629.1	544.7	449.7	356.8	278.7
-37.5°	1106.2	1017.6	926.8	829.7	738.9	662.9	593.2	513.0	426.5	339.9	268.1
-40°	998.6	926.8	846.6	768.5	692.5	620.7	557.3	481.3	403.2	327.2	257.6
-42.5°	899.4	844.5	779.0	713.6	646.0	582.7	521.5	447.6	380.0	312.5	247.0
-45°	823.4	768.5	715.7	656.6	599.6	544.7	483.5	418.0	358.9	295.6	236.4
-47.5°	751.6	703.0	654.5	605.9	559.5	508.8	447.6	392.7	335.7	280.8	228.0
-50°	688.2	641.8	599.6	557.3	517.2	468.7	411.7	367.3	316.7	266.0	217.4
-52.5°	629.1	589.0	546.8	513.0	479.2	430.7	384.2	342.0	297.7	249.1	206.9
-55°	576.3	538.3	500.3	468.7	437.0	394.8	356.8	320.9	278.7	236.4	196.3
-57.5°	525.7	494.0	458.1	428.6	396.9	363.1	331.5	297.7	259.7	223.8	185.8
-60°	479.2	449.7	418.0	388.5	361.0	333.6	304.0	276.6	242.8	209.0	175.2
-62.5°	432.8	407.5	380.0	350.5	329.3	304.0	280.8	253.3	225.9	196.3	156.2
-65°	390.6	367.3	342.0	316.7	297.7	278.7	257.6	232.2	209.0	181.6	139.3
-67.5°	348.3	327.2	306.1	285.0	268.1	253.3	232.2	213.2	194.2	164.7	122.4
-70°	308.2	291.3	272.3	255.5	242.8	225.9	211.1	194.2	177.3	143.6	103.4
-72.5°	270.2	253.3	238.6	225.9	215.3	200.6	187.9	175.2	152.0	120.3	86.6
-75°	225.9	215.3	206.9	196.3	185.8	175.2	164.7	149.9	126.7	97.1	67.6
-77.5°	185.8	179.4	173.1	164.7	156.2	147.8	135.1	120.3	101.3	76.0	54.9
-80°	152.0	145.7	141.4	133.0	126.7	118.2	105.6	92.9	73.9	59.1	44.3
-82.5°	116.1	111.9	107.7	103.4	97.1	88.7	76.0	65.4	54.9	44.3	33.8
-85°	82.3	80.2	76.0	71.8	65.4	59.1	50.7	44.3	38.0	29.6	23.2
-87.5°	42.2	40.1	38.0	35.9	33.8	29.6	25.3	21.1	19.0	14.8	10.6
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.4	6.3	2.1	0.0
85°	16.9	10.6	4.2	0.0
82.5°	25.3	16.9	6.3	0.0
80°	33.8	21.1	10.6	0.0
77.5°	42.2	25.3	12.7	0.0
75°	50.7	31.7	14.8	0.0
72.5°	57.0	35.9	16.9	0.0
70°	67.6	42.2	19.0	0.0
67.5°	84.4	46.4	21.1	0.0
65°	99.2	50.7	23.2	0.0
62.5°	116.1	54.9	25.3	0.0
60°	130.9	59.1	27.4	0.0
57.5°	145.7	69.7	29.6	0.0
55°	158.3	78.1	31.7	0.0
52.5°	173.1	86.6	33.8	0.0
50°	185.8	95.0	35.9	0.0
47.5°	196.3	103.4	35.9	0.0
45°	204.8	109.8	38.0	0.0
42.5°	211.1	116.1	40.1	0.0
40°	217.4	122.4	42.2	0.0
37.5°	223.8	128.8	42.2	0.0
35°	230.1	135.1	44.3	0.0
32.5°	236.4	141.4	44.3	0.0
30°	240.7	145.7	46.4	0.0
27.5°	247.0	149.9	46.4	0.0
25°	249.1	154.1	48.6	0.0
22.5°	253.3	156.2	48.6	0.0
20°	257.6	160.4	48.6	0.0
17.5°	259.7	162.6	50.7	0.0
15°	259.7	164.7	52.8	0.0
12.5°	261.8	166.8	52.8	0.0
10°	261.8	171.0	50.7	0.0
7.5°	266.0	168.9	50.7	0.0
5°	263.9	168.9	50.7	0.0
2.5°	261.8	166.8	50.7	0.0
0°	259.7	166.8	50.7	0.0
-2.5°	259.7	166.8	50.7	0.0
-5°	259.7	166.8	50.7	0.0
-7.5°	257.6	168.9	50.7	0.0
-10°	253.3	168.9	50.7	0.0
-12.5°	251.2	162.6	50.7	0.0
-15°	249.1	160.4	50.7	0.0
-17.5°	244.9	158.3	48.6	0.0
-20°	240.7	156.2	48.6	0.0



REPORT NUMBER: P722345

CATALOG NUMBER: IFLD-S-SA3E-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	236.4	152.0	48.6	0.0
-25°	232.2	147.8	46.4	0.0
-27.5°	228.0	143.6	46.4	0.0
-30°	221.7	139.3	44.3	0.0
-32.5°	215.3	135.1	44.3	0.0
-35°	211.1	128.8	42.2	0.0
-37.5°	204.8	122.4	42.2	0.0
-40°	198.4	116.1	40.1	0.0
-42.5°	192.1	109.8	38.0	0.0
-45°	183.7	103.4	38.0	0.0
-47.5°	177.3	97.1	35.9	0.0
-50°	166.8	88.7	33.8	0.0
-52.5°	154.1	80.2	31.7	0.0
-55°	141.4	73.9	29.6	0.0
-57.5°	128.8	65.4	29.6	0.0
-60°	116.1	57.0	27.4	0.0
-62.5°	103.4	52.8	25.3	0.0
-65°	90.8	48.6	23.2	0.0
-67.5°	76.0	42.2	21.1	0.0
-70°	63.3	38.0	19.0	0.0
-72.5°	54.9	33.8	16.9	0.0
-75°	46.4	29.6	14.8	0.0
-77.5°	40.1	25.3	12.7	0.0
-80°	31.7	19.0	8.4	0.0
-82.5°	23.2	14.8	6.3	0.0
-85°	14.8	10.6	4.2	0.0
-87.5°	8.4	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)