

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: P722276

Luminaire Tested: **IFLD-L-SA8C-930-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722276
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8C-930-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

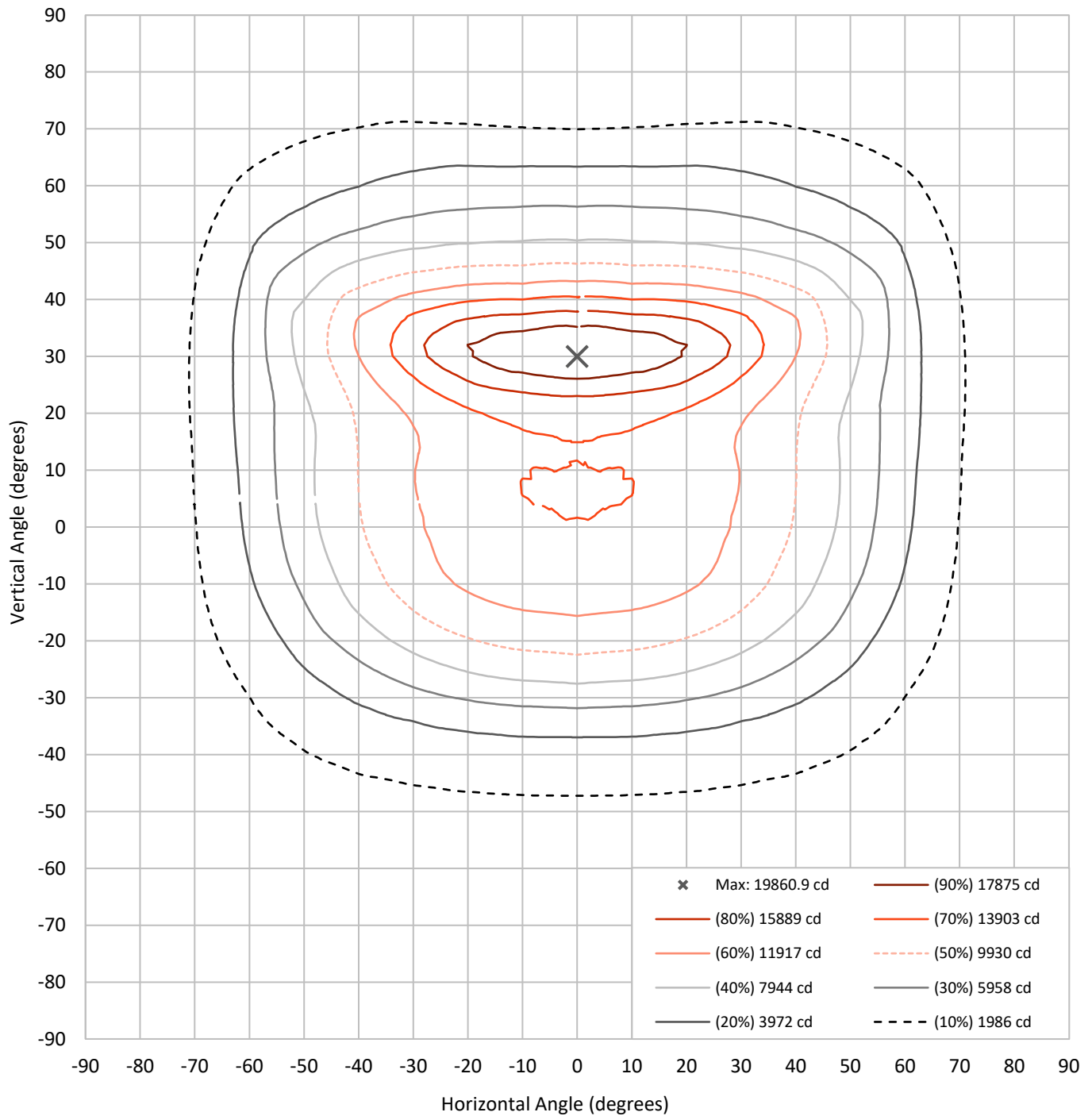
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33152.9 lumens	Max Intensity:	19860.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	19278.8 lumens	Field Lumens:	31068.5 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 420.3
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



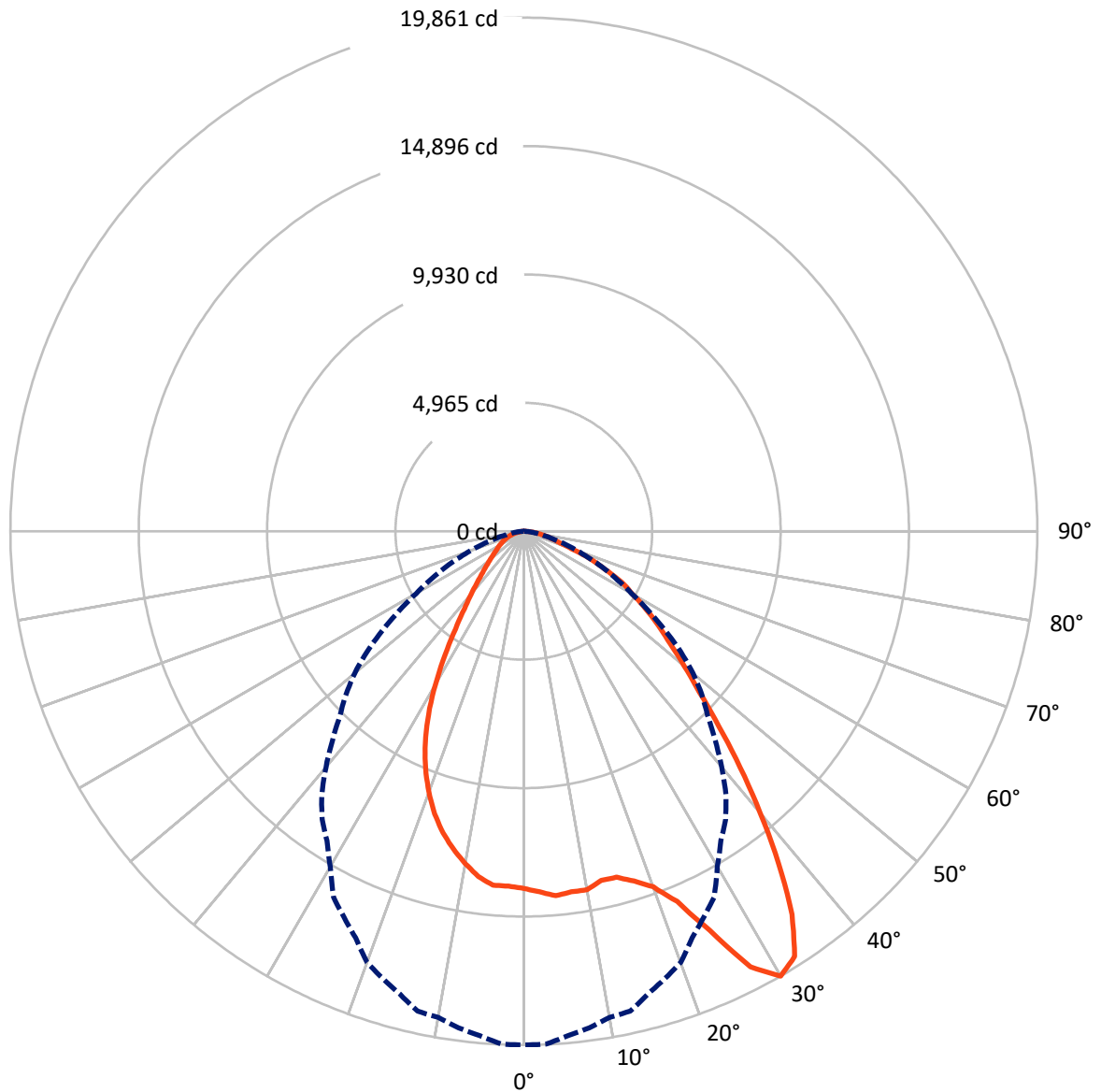
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Iso-Candela Plot



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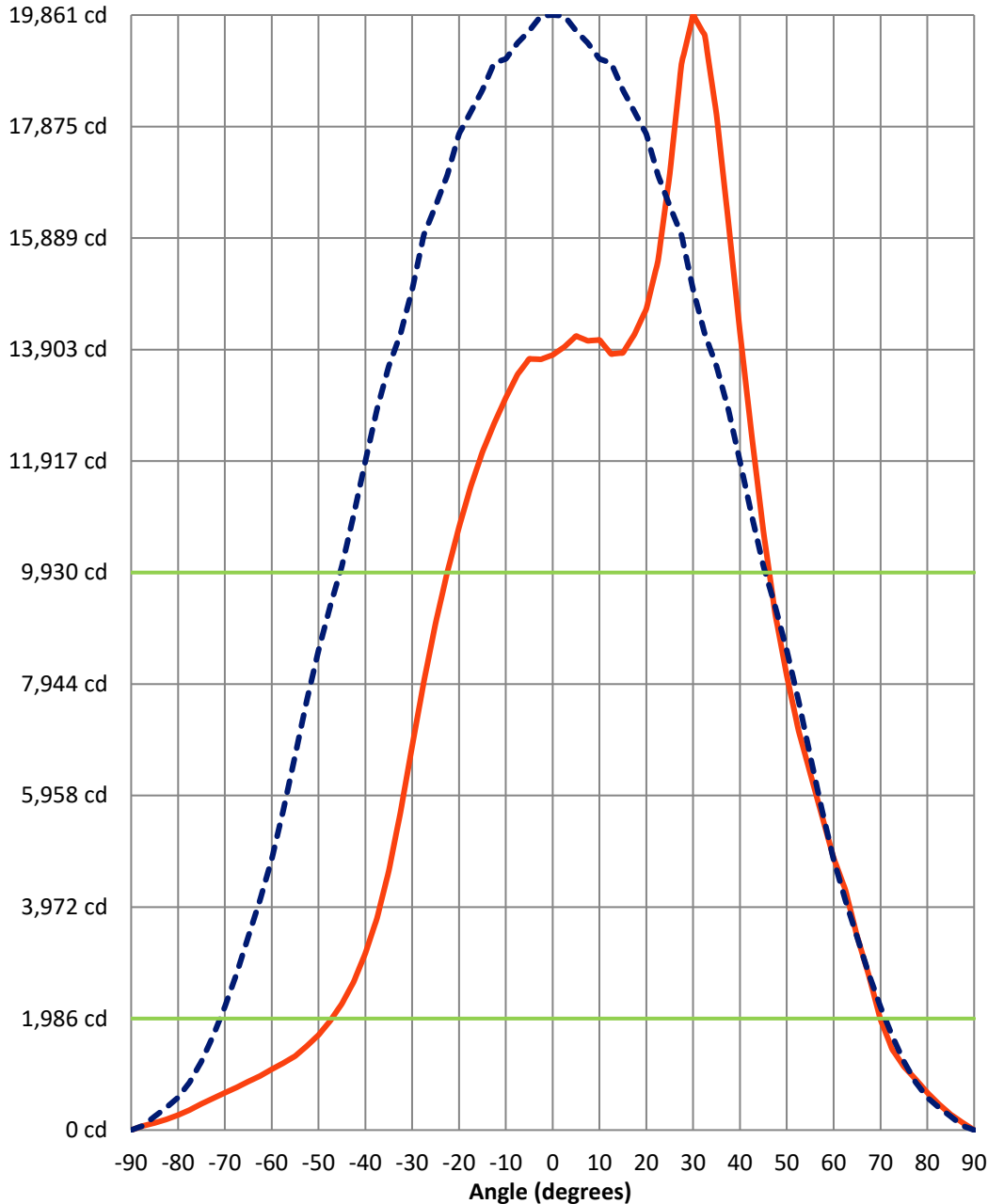
Luminous Intensity Polar Plot



— 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: 19278.8
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 31068.5
 Efficiency: 93.7%

Spill:
 Lumens: 2084.3
 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°	133.5	137.0	140.5	140.5	137.0	137.0	137.0	133.5	137.0	137.0	137.0
85°	277.5	284.5	291.5	288.0	284.5	277.5	270.4	273.9	277.5	281.0	281.0
82.5°	460.1	470.6	477.6	474.1	467.1	460.1	453.1	456.6	463.6	467.1	467.1
80°	667.3	670.8	674.3	681.3	670.8	670.8	667.3	681.3	688.4	695.4	702.4
77.5°	906.1	909.6	909.6	913.1	916.7	920.2	920.2	944.8	962.3	972.9	983.4
75°	1130.9	1141.4	1152.0	1162.5	1176.6	1183.6	1194.1	1229.2	1257.3	1278.4	1299.5
72.5°	1440.0	1454.0	1471.6	1496.2	1520.7	1538.3	1562.9	1605.0	1636.6	1657.7	1682.3
70°	1970.3	1984.3	2001.9	2019.5	2044.0	2061.6	2086.2	2138.9	2170.5	2184.5	2198.6
67.5°	2757.0	2792.1	2823.7	2788.6	2771.0	2746.5	2753.5	2802.7	2834.3	2855.3	2851.8
65°	3455.9	3480.5	3480.5	3477.0	3462.9	3431.3	3448.9	3508.6	3543.7	3561.3	3508.6
62.5°	4277.7	4277.7	4260.2	4288.3	4291.8	4270.7	4260.2	4263.7	4267.2	4277.7	4189.9
60°	4846.7	4881.8	4892.4	4916.9	4924.0	4924.0	4941.5	4955.6	4955.6	4934.5	4832.7
57.5°	5598.3	5665.0	5679.1	5661.5	5626.4	5580.7	5573.7	5552.6	5510.5	5468.3	5419.2
55°	6356.9	6392.0	6388.5	6378.0	6342.9	6290.2	6297.2	6269.1	6202.4	6149.7	6083.0
52.5°	7119.0	7203.3	7217.4	7196.3	7147.1	7090.9	7094.4	7062.8	6996.1	6939.9	6848.6
50°	8091.9	8162.1	8155.1	8120.0	8049.7	8007.6	8011.1	7951.4	7874.1	7856.6	7737.2
47.5°	9205.2	9286.0	9271.9	9222.8	9128.0	9110.4	9128.0	9050.7	9005.0	8966.4	8825.9
45°	10666.3	10761.1	10708.4	10613.6	10462.5	10480.1	10504.7	10490.6	10392.3	10290.5	10111.3
42.5°	12380.2	12439.9	12376.6	12281.8	12092.2	12127.3	12113.2	12028.9	11969.2	11800.7	11572.4
40°	14213.5	14343.4	14245.1	14097.6	13900.9	13953.6	13914.9	13806.1	13665.6	13454.9	13166.9
37.5°	16190.8	16292.6	16180.3	16008.2	15832.6	15815.0	15737.7	15569.1	15369.0	15137.2	14677.1
35°	18083.8	18347.2	18140.0	17866.1	17651.8	17571.0	17497.3	17107.4	16879.2	16503.4	15874.7
32.5°	19492.2	19685.3	19428.9	19144.5	18884.6	18772.2	18512.3	18048.7	17925.8	17135.5	16559.6
30°	19860.9	19846.9	19580.0	19362.2	19081.2	19004.0	18526.3	18133.0	17739.6	17009.1	16461.2
27.5°	18982.9	18895.1	18638.7	18449.1	18171.6	18080.3	17609.7	17398.9	16791.4	16173.2	15709.6
25°	17026.7	17072.3	16879.2	16784.3	16601.7	16405.0	16218.9	15934.4	15555.1	15014.2	14589.3
22.5°	15484.9	15544.6	15463.8	15351.4	15210.9	15102.0	14961.6	14740.3	14375.0	14041.4	13641.0
20°	14627.9	14610.3	14540.1	14455.8	14322.3	14245.1	14090.5	13904.4	13623.4	13335.4	12903.5
17.5°	14178.4	14069.5	14002.7	13971.1	13900.9	13802.6	13619.9	13430.3	13212.5	12885.9	12569.8
15°	13844.7	13862.3	13809.6	13785.0	13728.8	13591.8	13405.7	13251.2	12956.1	12791.1	12503.1
12.5°	13823.6	13806.1	13809.6	13799.0	13728.8	13553.2	13458.4	13261.7	13072.0	12854.3	12524.2
10°	14073.0	13886.8	13900.9	13950.1	13837.7	13697.2	13595.3	13381.1	13202.0	12924.5	12597.9
7.5°	14058.9	13964.1	13992.2	13911.4	13946.6	13774.5	13634.0	13419.7	13195.0	12899.9	12604.9
5°	14143.2	13999.2	13974.7	13981.7	13893.9	13763.9	13574.3	13370.6	13159.8	12829.7	12527.7
2.5°	13950.1	13971.1	13858.8	13816.6	13806.1	13588.3	13412.7	13216.0	12998.3	12706.8	12436.4
0°	13806.1	13844.7	13728.8	13669.1	13665.6	13479.4	13367.1	13142.3	12987.8	12745.4	12418.8
-2.5°	13728.8	13774.5	13788.5	13679.6	13574.3	13430.3	13240.6	12998.3	12745.4	12464.4	12183.5
-5°	13735.8	13644.5	13605.9	13641.0	13549.7	13405.7	13195.0	12980.7	12731.4	12429.3	12078.1
-7.5°	13458.4	13367.1	13360.0	13342.5	13321.4	13184.4	13008.8	12777.0	12524.2	12243.2	11916.6
-10°	13043.9	12977.2	12959.7	12942.1	12885.9	12805.1	12640.1	12429.3	12201.0	11920.1	11572.4
-12.5°	12583.9	12552.2	12485.5	12439.9	12383.7	12288.8	12130.8	11937.6	11709.3	11460.0	11161.5
-15°	12074.6	12014.9	11948.2	11909.5	11828.8	11716.4	11558.3	11379.2	11129.8	10884.0	10603.0
-17.5°	11460.0	11386.2	11312.5	11301.9	11245.7	11073.7	10926.1	10708.4	10490.6	10255.3	9981.4
-20°	10736.5	10634.6	10585.5	10557.4	10480.1	10353.7	10195.6	9995.4	9784.7	9559.9	9243.9



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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°	9935.7	9847.9	9763.6	9711.0	9644.2	9545.9	9394.9	9219.3	9012.1	8759.2	8467.7
-25°	9026.1	8903.2	8850.5	8790.8	8755.7	8664.4	8516.8	8355.3	8141.1	7895.2	7617.7
-27.5°	7986.5	7888.2	7860.1	7775.8	7733.6	7638.8	7515.9	7364.9	7168.2	6936.4	6708.1
-30°	6838.1	6778.4	6732.7	6648.4	6616.8	6514.9	6434.2	6307.7	6128.6	5963.5	5780.9
-32.5°	5658.0	5598.3	5584.2	5545.6	5524.5	5457.8	5366.5	5275.2	5131.2	5008.3	4860.7
-35°	4611.4	4569.2	4572.8	4569.2	4548.2	4499.0	4386.6	4362.0	4256.7	4144.3	4049.5
-37.5°	3775.5	3779.0	3775.5	3772.0	3743.9	3722.8	3642.0	3610.4	3547.2	3438.3	3382.2
-40°	3146.8	3153.9	3150.4	3143.3	3111.7	3101.2	3048.5	3006.4	2981.8	2904.5	2844.8
-42.5°	2637.6	2648.1	2644.6	2641.1	2620.0	2616.5	2588.4	2539.2	2525.2	2479.5	2416.3
-45°	2251.3	2247.7	2240.7	2247.7	2237.2	2226.7	2209.1	2177.5	2159.9	2138.9	2086.2
-47.5°	1945.7	1949.2	1942.2	1942.2	1928.1	1917.6	1910.6	1889.5	1875.5	1857.9	1826.3
-50°	1692.8	1706.9	1703.4	1699.9	1689.3	1682.3	1682.3	1661.2	1640.2	1633.1	1612.1
-52.5°	1496.2	1506.7	1510.2	1517.2	1520.7	1524.3	1513.7	1492.6	1457.5	1454.0	1443.5
-55°	1317.0	1348.6	1369.7	1383.8	1397.8	1408.4	1387.3	1359.2	1324.1	1310.0	1306.5
-57.5°	1194.1	1225.7	1250.3	1271.4	1288.9	1306.5	1285.4	1257.3	1225.7	1208.2	1204.7
-60°	1081.7	1109.8	1134.4	1162.5	1187.1	1215.2	1204.7	1183.6	1166.0	1152.0	1137.9
-62.5°	962.3	990.4	1018.5	1053.6	1085.2	1113.3	1116.8	1113.3	1109.8	1113.3	1088.8
-65°	864.0	878.0	895.6	934.2	969.3	1000.9	1018.5	1029.0	1046.6	1064.2	1039.6
-67.5°	758.6	776.2	797.2	825.3	853.4	874.5	899.1	927.2	955.3	983.4	965.8
-70°	663.8	677.8	695.4	709.4	727.0	741.1	762.1	793.7	825.3	853.4	846.4
-72.5°	565.4	579.5	590.0	597.1	607.6	614.6	625.2	653.3	674.3	688.4	688.4
-75°	467.1	481.2	491.7	495.2	502.2	505.7	512.8	523.3	533.8	537.4	540.9
-77.5°	358.2	372.3	382.8	389.8	396.9	403.9	407.4	414.4	417.9	417.9	421.5
-80°	266.9	277.5	284.5	295.0	298.5	305.6	312.6	316.1	319.6	319.6	323.1
-82.5°	189.7	196.7	203.7	210.7	217.8	221.3	228.3	231.8	235.3	238.8	242.3
-85°	126.4	133.5	140.5	147.5	151.0	154.5	158.0	161.6	165.1	168.6	172.1
-87.5°	73.8	77.3	80.8	87.8	91.3	98.3	101.9	98.3	101.9	101.9	101.9
-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°	137.0	137.0	137.0	137.0	133.5	126.4	122.9	115.9	108.9	101.9	94.8
85°	284.5	288.0	288.0	288.0	281.0	277.5	266.9	256.4	242.3	221.3	203.7
82.5°	474.1	477.6	477.6	474.1	467.1	456.6	442.5	425.0	396.9	368.8	344.2
80°	713.0	716.5	716.5	713.0	695.4	677.8	660.3	639.2	604.1	565.4	523.3
77.5°	997.4	1004.5	1004.5	993.9	969.3	948.3	920.2	885.0	832.4	776.2	720.0
75°	1327.6	1345.1	1348.6	1338.1	1306.5	1267.9	1222.2	1162.5	1081.7	1011.5	944.8
72.5°	1710.4	1728.0	1742.0	1728.0	1682.3	1629.6	1562.9	1492.6	1411.9	1317.0	1204.7
70°	2212.6	2230.2	2240.7	2195.1	2114.3	2026.5	1945.7	1864.9	1770.1	1654.2	1531.3
67.5°	2844.8	2827.2	2806.2	2714.9	2613.0	2507.6	2395.3	2275.8	2152.9	2030.0	1886.0
65°	3452.4	3403.2	3357.6	3248.7	3118.7	2981.8	2851.8	2718.4	2570.9	2416.3	2279.4
62.5°	4091.6	3986.2	3873.8	3740.4	3606.9	3455.9	3326.0	3167.9	3002.8	2813.2	2637.6
60°	4720.3	4593.8	4481.4	4316.4	4140.8	3937.1	3796.6	3642.0	3448.9	3245.2	3038.0
57.5°	5327.9	5190.9	5068.0	4924.0	4734.3	4513.1	4358.5	4158.3	3954.6	3698.2	3487.5
55°	5974.1	5837.1	5738.8	5577.2	5370.0	5166.3	4997.7	4787.0	4502.5	4228.6	3968.7
52.5°	6715.1	6606.3	6500.9	6335.8	6086.5	5879.3	5693.1	5457.8	5159.3	4822.1	4509.5
50°	7544.0	7487.8	7375.4	7182.2	6897.8	6715.1	6469.3	6156.7	5837.1	5482.4	5092.5
47.5°	8643.3	8552.0	8393.9	8183.2	7944.4	7670.4	7340.3	6975.0	6522.0	6128.6	5714.2
45°	9956.8	9788.2	9584.5	9300.0	9005.0	8696.0	8334.2	7870.6	7263.0	6750.3	6314.8
42.5°	11379.2	11150.9	10873.5	10501.2	10118.4	9739.1	9349.2	8717.0	7958.4	7368.4	6876.7
40°	12864.8	12573.3	12225.6	11684.8	11259.8	10771.6	10325.6	9380.8	8573.0	7933.8	7410.5
37.5°	14318.8	13950.1	13367.1	12710.3	12215.1	11814.7	10834.8	9823.3	9099.9	8397.4	7867.1
35°	15432.2	15119.6	14090.5	13409.2	12984.2	12352.1	11126.3	10090.3	9324.6	8741.6	7916.3
32.5°	16092.4	15284.7	14382.1	13693.7	13342.5	12306.4	11147.4	10167.5	9430.0	8776.7	7789.8
30°	15944.9	14968.6	14178.4	13602.4	12840.2	11909.5	10950.7	10048.1	9331.7	8541.4	7649.4
27.5°	15056.4	14301.3	13595.3	12994.8	12246.7	11410.8	10525.8	9732.0	9064.7	8299.1	7456.2
25°	14051.9	13367.1	12843.8	12320.5	11611.0	10813.8	10034.1	9461.6	8790.8	8035.7	7203.3
22.5°	13128.2	12636.5	12225.6	11677.7	10985.9	10290.5	9805.8	9212.2	8523.9	7758.2	6943.4
20°	12538.2	12204.6	11733.9	11129.8	10585.5	10150.0	9612.6	8984.0	8274.5	7473.8	6722.2
17.5°	12253.7	11867.4	11344.1	10950.7	10532.8	10055.1	9454.6	8787.3	8032.2	7343.8	6746.7
15°	12106.2	11698.8	11354.6	10968.3	10497.7	9995.4	9328.1	8636.3	8032.2	7396.5	6764.3
12.5°	12137.8	11786.6	11410.8	10989.4	10483.6	9946.3	9342.2	8699.5	8074.3	7435.1	6767.8
10°	12236.2	11867.4	11467.0	10999.9	10490.6	9960.3	9380.8	8738.1	8095.4	7452.7	6760.8
7.5°	12271.3	11870.9	11442.4	10971.8	10473.1	9953.3	9387.8	8748.6	8098.9	7449.2	6739.7
5°	12162.4	11800.7	11386.2	10912.1	10423.9	9918.2	9359.7	8734.6	8070.8	7414.0	6687.0
2.5°	12014.9	11723.4	11326.5	10870.0	10374.7	9869.0	9314.1	8671.4	8007.6	7350.8	6620.3
0°	11990.3	11628.6	11228.2	10820.8	10294.0	9760.1	9208.7	8552.0	7891.7	7231.4	6504.4
-2.5°	11828.8	11445.9	11045.6	10603.0	10139.4	9602.1	9022.6	8379.9	7726.6	7076.9	6378.0
-5°	11705.8	11280.9	10855.9	10378.3	9911.1	9373.8	8773.2	8148.1	7508.9	6876.7	6202.4
-7.5°	11540.8	11105.3	10659.2	10160.5	9654.8	9106.9	8513.3	7888.2	7259.5	6630.8	5984.6
-10°	11207.1	10824.3	10406.4	9890.1	9356.2	8808.3	8218.3	7603.7	6975.0	6339.3	5689.6
-12.5°	10803.2	10399.3	9942.8	9468.6	8991.0	8481.7	7891.7	7287.6	6655.4	6016.2	5370.0
-15°	10279.9	9883.1	9415.9	8952.3	8492.3	8004.1	7484.3	6939.9	6297.2	5668.5	5022.3
-17.5°	9626.7	9254.4	8836.4	8393.9	7937.3	7445.7	6939.9	6479.8	5879.3	5289.2	4650.0
-20°	8924.2	8576.6	8200.8	7782.8	7326.2	6845.1	6367.4	5886.3	5366.5	4846.7	4253.2



REPORT NUMBER: P722276
 CATALOG NUMBER: IFLD-L-SA8C-930-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8193.7	7842.5	7463.2	7073.4	6651.9	6205.9	5763.4	5303.3	4846.7	4376.1	3873.8
-25°	7350.8	7041.8	6694.1	6314.8	5939.0	5549.1	5127.7	4709.7	4319.9	3912.5	3501.6
-27.5°	6469.3	6184.8	5868.7	5538.6	5215.5	4888.8	4523.6	4137.3	3814.1	3477.0	3136.3
-30°	5542.1	5313.8	5057.4	4769.4	4520.1	4256.7	3951.1	3631.5	3336.5	3080.1	2806.2
-32.5°	4664.1	4470.9	4288.3	4098.6	3852.8	3649.1	3438.3	3203.0	2943.1	2700.8	2504.1
-35°	3909.0	3701.8	3624.5	3484.0	3308.4	3129.3	2974.7	2806.2	2609.5	2395.3	2233.7
-37.5°	3273.3	3150.4	3041.5	2964.2	2848.3	2704.3	2581.4	2458.5	2307.5	2145.9	1984.3
-40°	2778.1	2693.8	2574.4	2535.7	2462.0	2363.6	2237.2	2142.4	2040.5	1917.6	1780.6
-42.5°	2381.2	2318.0	2240.7	2174.0	2142.4	2072.1	1973.8	1882.5	1801.7	1717.4	1612.1
-45°	2054.6	2012.4	1963.3	1903.6	1879.0	1822.8	1752.5	1650.7	1605.0	1534.8	1457.5
-47.5°	1791.2	1770.1	1735.0	1696.3	1661.2	1619.1	1555.9	1492.6	1429.4	1383.8	1324.1
-50°	1584.0	1569.9	1548.8	1517.2	1471.6	1443.5	1401.3	1345.1	1285.4	1246.8	1204.7
-52.5°	1418.9	1404.8	1390.8	1366.2	1331.1	1303.0	1267.9	1222.2	1173.0	1134.4	1099.3
-55°	1292.5	1271.4	1260.8	1239.8	1211.7	1180.1	1148.5	1116.8	1074.7	1039.6	1004.5
-57.5°	1194.1	1166.0	1152.0	1134.4	1106.3	1074.7	1050.1	1018.5	990.4	951.8	920.2
-60°	1116.8	1085.2	1057.1	1039.6	1015.0	983.4	958.8	934.2	906.1	874.5	835.9
-62.5°	1053.6	1015.0	976.4	955.3	930.7	902.6	878.0	853.4	825.3	793.7	758.6
-65°	993.9	948.3	899.1	878.0	853.4	825.3	793.7	776.2	751.6	723.5	688.4
-67.5°	920.2	871.0	828.9	804.3	779.7	755.1	727.0	709.4	684.9	649.7	614.6
-70°	811.3	779.7	751.6	730.5	709.4	688.4	660.3	632.2	604.1	572.5	540.9
-72.5°	674.3	663.8	660.3	649.7	625.2	600.6	572.5	544.4	519.8	495.2	470.6
-75°	544.4	551.4	558.4	554.9	530.3	505.7	481.2	456.6	439.0	417.9	396.9
-77.5°	432.0	439.0	446.0	446.0	428.5	414.4	396.9	379.3	365.3	347.7	326.6
-80°	333.6	344.2	354.7	361.7	347.7	337.2	323.1	309.1	295.0	281.0	266.9
-82.5°	252.9	263.4	273.9	281.0	270.4	263.4	252.9	242.3	231.8	217.8	207.2
-85°	182.6	189.7	196.7	200.2	193.2	186.1	179.1	172.1	165.1	154.5	147.5
-87.5°	105.4	108.9	112.4	115.9	108.9	101.9	98.3	91.3	87.8	80.8	77.3
-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):

	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°	87.8	80.8	73.8	70.2	63.2	52.7	45.7	38.6	31.6	24.6	21.1
85°	186.1	168.6	147.5	137.0	122.9	108.9	94.8	80.8	66.7	52.7	38.6
82.5°	319.6	298.5	277.5	252.9	221.3	182.6	144.0	119.4	98.3	77.3	59.7
80°	481.2	442.5	407.4	375.8	340.7	291.5	238.8	189.7	133.5	101.9	77.3
77.5°	667.3	621.6	572.5	519.8	463.6	396.9	337.2	273.9	207.2	140.5	98.3
75°	878.0	818.3	751.6	677.8	604.1	516.3	432.0	358.2	281.0	196.7	119.4
72.5°	1113.3	1039.6	958.8	860.5	744.6	642.7	540.9	442.5	351.2	249.4	161.6
70°	1415.4	1299.5	1180.1	1074.7	927.2	765.6	646.2	533.8	417.9	305.6	203.7
67.5°	1738.5	1598.0	1454.0	1299.5	1113.3	923.7	751.6	625.2	488.2	358.2	242.3
65°	2089.7	1914.1	1731.5	1559.4	1303.0	1078.2	885.0	713.0	554.9	407.4	281.0
62.5°	2451.4	2244.2	2033.5	1808.7	1513.7	1236.3	1011.5	811.3	618.1	453.1	316.1
60°	2837.8	2595.4	2339.1	2058.1	1713.9	1408.4	1130.9	913.1	684.9	498.7	354.7
57.5°	3245.2	2981.8	2679.7	2300.4	1921.1	1573.4	1267.9	1004.5	744.6	540.9	382.8
55°	3687.7	3385.7	3055.5	2553.3	2124.8	1738.5	1404.8	1095.8	807.8	576.0	410.9
52.5°	4165.4	3814.1	3396.2	2820.2	2339.1	1907.1	1531.3	1176.6	867.5	614.6	435.5
50°	4699.2	4256.7	3694.7	3066.1	2525.2	2065.1	1657.7	1264.4	916.7	656.8	456.6
47.5°	5254.1	4776.5	3961.7	3294.4	2714.9	2219.6	1787.7	1341.6	965.8	691.9	477.6
45°	5833.6	5138.2	4239.1	3498.1	2879.9	2360.1	1886.0	1411.9	1025.5	723.5	495.2
42.5°	6406.1	5412.1	4481.4	3701.8	3034.5	2486.6	1966.8	1478.6	1074.7	755.1	512.8
40°	6676.5	5619.4	4674.6	3842.2	3164.4	2599.0	2037.0	1538.3	1116.8	776.2	530.3
37.5°	6788.9	5745.8	4801.0	3975.7	3266.3	2658.7	2096.7	1591.0	1152.0	797.2	544.4
35°	6813.5	5791.5	4864.3	4067.0	3350.5	2714.9	2142.4	1629.6	1180.1	818.3	558.4
32.5°	6767.8	5777.4	4881.8	4098.6	3403.2	2757.0	2174.0	1657.7	1201.1	839.4	572.5
30°	6666.0	5703.7	4818.6	4095.1	3441.9	2781.6	2195.1	1678.8	1222.2	853.4	579.5
27.5°	6500.9	5573.7	4737.8	4098.6	3462.9	2792.1	2205.6	1689.3	1236.3	864.0	593.5
25°	6297.2	5398.1	4741.3	4091.6	3466.4	2795.6	2205.6	1689.3	1239.8	867.5	604.1
22.5°	6061.9	5398.1	4741.3	4081.1	3445.4	2788.6	2195.1	1682.3	1239.8	874.5	614.6
20°	6075.9	5401.6	4730.8	4060.0	3413.8	2767.5	2170.5	1664.7	1229.2	885.0	621.6
17.5°	6086.5	5394.6	4709.7	4031.9	3371.6	2732.4	2138.9	1640.2	1229.2	895.6	625.2
15°	6086.5	5373.5	4678.1	3989.7	3318.9	2683.2	2093.2	1619.1	1232.7	899.1	632.2
12.5°	6075.9	5334.9	4628.9	3933.6	3255.7	2623.5	2065.1	1612.1	1232.7	902.6	632.2
10°	6054.9	5282.2	4565.7	3863.3	3196.0	2602.5	2051.1	1598.0	1225.7	902.6	632.2
7.5°	6016.2	5219.0	4513.1	3821.2	3160.9	2577.9	2030.0	1576.9	1215.2	895.6	639.2
5°	5956.5	5183.9	4470.9	3772.0	3111.7	2560.3	2015.9	1559.4	1208.2	895.6	632.2
2.5°	5879.3	5141.7	4421.7	3708.8	3055.5	2500.6	1970.3	1520.7	1183.6	881.5	625.2
0°	5752.8	5057.4	4337.4	3621.0	2978.3	2440.9	1924.6	1482.1	1159.0	867.5	618.1
-2.5°	5636.9	4945.0	4228.6	3529.7	2904.5	2388.2	1889.5	1461.0	1148.5	864.0	614.6
-5°	5475.4	4790.5	4084.6	3410.3	2806.2	2335.5	1854.4	1436.4	1137.9	857.0	614.6
-7.5°	5296.2	4628.9	3933.6	3287.3	2707.8	2244.2	1787.7	1397.8	1113.3	842.9	611.1
-10°	5018.8	4386.6	3743.9	3146.8	2602.5	2163.5	1731.5	1362.7	1092.3	828.9	597.1
-12.5°	4723.8	4119.7	3526.1	2974.7	2483.1	2079.2	1668.2	1324.1	1067.7	814.8	590.0
-15°	4411.2	3845.8	3297.9	2795.6	2353.1	1977.3	1601.5	1281.9	1043.1	797.2	579.5
-17.5°	4084.6	3557.8	3062.6	2613.0	2223.2	1871.9	1531.3	1243.3	1015.0	779.7	569.0
-20°	3740.4	3262.7	2823.7	2426.9	2086.2	1766.6	1457.5	1197.6	983.4	758.6	554.9



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 CATALOG NUMBER: IFLD-L-SA8C-930-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3399.7	2971.2	2577.9	2244.2	1945.7	1657.7	1383.8	1152.0	948.3	734.0	544.4
-25°	3097.7	2697.3	2360.1	2068.6	1808.7	1552.3	1306.5	1106.3	909.6	709.4	530.3
-27.5°	2802.7	2462.0	2145.9	1903.6	1675.3	1450.5	1232.7	1057.1	871.0	681.3	516.3
-30°	2528.7	2237.2	1977.3	1742.0	1548.8	1359.2	1169.5	1008.0	828.9	653.3	498.7
-32.5°	2279.4	2044.0	1826.3	1601.5	1429.4	1267.9	1109.8	958.8	786.7	625.2	481.2
-35°	2047.6	1864.9	1675.3	1485.6	1310.0	1183.6	1046.6	906.1	748.1	593.5	463.6
-37.5°	1840.3	1692.8	1541.8	1380.3	1229.2	1102.8	986.9	853.4	709.4	565.4	446.0
-40°	1661.2	1541.8	1408.4	1278.4	1152.0	1032.6	927.2	800.8	670.8	544.4	428.5
-42.5°	1496.2	1404.8	1296.0	1187.1	1074.7	969.3	867.5	744.6	632.2	519.8	410.9
-45°	1369.7	1278.4	1190.6	1092.3	997.4	906.1	804.3	695.4	597.1	491.7	393.4
-47.5°	1250.3	1169.5	1088.8	1008.0	930.7	846.4	744.6	653.3	558.4	467.1	379.3
-50°	1144.9	1067.7	997.4	927.2	860.5	779.7	684.9	611.1	526.8	442.5	361.7
-52.5°	1046.6	979.9	909.6	853.4	797.2	716.5	639.2	569.0	495.2	414.4	344.2
-55°	958.8	895.6	832.4	779.7	727.0	656.8	593.5	533.8	463.6	393.4	326.6
-57.5°	874.5	821.8	762.1	713.0	660.3	604.1	551.4	495.2	432.0	372.3	309.1
-60°	797.2	748.1	695.4	646.2	600.6	554.9	505.7	460.1	403.9	347.7	291.5
-62.5°	720.0	677.8	632.2	583.0	547.9	505.7	467.1	421.5	375.8	326.6	259.9
-65°	649.7	611.1	569.0	526.8	495.2	463.6	428.5	386.3	347.7	302.0	231.8
-67.5°	579.5	544.4	509.3	474.1	446.0	421.5	386.3	354.7	323.1	273.9	203.7
-70°	512.8	484.7	453.1	425.0	403.9	375.8	351.2	323.1	295.0	238.8	172.1
-72.5°	449.5	421.5	396.9	375.8	358.2	333.6	312.6	291.5	252.9	200.2	144.0
-75°	375.8	358.2	344.2	326.6	309.1	291.5	273.9	249.4	210.7	161.6	112.4
-77.5°	309.1	298.5	288.0	273.9	259.9	245.8	224.8	200.2	168.6	126.4	91.3
-80°	252.9	242.3	235.3	221.3	210.7	196.7	175.6	154.5	122.9	98.3	73.8
-82.5°	193.2	186.1	179.1	172.1	161.6	147.5	126.4	108.9	91.3	73.8	56.2
-85°	137.0	133.5	126.4	119.4	108.9	98.3	84.3	73.8	63.2	49.2	38.6
-87.5°	70.2	66.7	63.2	59.7	56.2	49.2	42.1	35.1	31.6	24.6	17.6
-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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 CATALOG NUMBER: IFLD-L-SA8C-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.0	10.5	3.5	0.0
85°	28.1	17.6	7.0	0.0
82.5°	42.1	28.1	10.5	0.0
80°	56.2	35.1	17.6	0.0
77.5°	70.2	42.1	21.1	0.0
75°	84.3	52.7	24.6	0.0
72.5°	94.8	59.7	28.1	0.0
70°	112.4	70.2	31.6	0.0
67.5°	140.5	77.3	35.1	0.0
65°	165.1	84.3	38.6	0.0
62.5°	193.2	91.3	42.1	0.0
60°	217.8	98.3	45.7	0.0
57.5°	242.3	115.9	49.2	0.0
55°	263.4	129.9	52.7	0.0
52.5°	288.0	144.0	56.2	0.0
50°	309.1	158.0	59.7	0.0
47.5°	326.6	172.1	59.7	0.0
45°	340.7	182.6	63.2	0.0
42.5°	351.2	193.2	66.7	0.0
40°	361.7	203.7	70.2	0.0
37.5°	372.3	214.2	70.2	0.0
35°	382.8	224.8	73.8	0.0
32.5°	393.4	235.3	73.8	0.0
30°	400.4	242.3	77.3	0.0
27.5°	410.9	249.4	77.3	0.0
25°	414.4	256.4	80.8	0.0
22.5°	421.5	259.9	80.8	0.0
20°	428.5	266.9	80.8	0.0
17.5°	432.0	270.4	84.3	0.0
15°	432.0	273.9	87.8	0.0
12.5°	435.5	277.5	87.8	0.0
10°	435.5	284.5	84.3	0.0
7.5°	442.5	281.0	84.3	0.0
5°	439.0	281.0	84.3	0.0
2.5°	435.5	277.5	84.3	0.0
0°	432.0	277.5	84.3	0.0
-2.5°	432.0	277.5	84.3	0.0
-5°	432.0	277.5	84.3	0.0
-7.5°	428.5	281.0	84.3	0.0
-10°	421.5	281.0	84.3	0.0
-12.5°	417.9	270.4	84.3	0.0
-15°	414.4	266.9	84.3	0.0
-17.5°	407.4	263.4	80.8	0.0
-20°	400.4	259.9	80.8	0.0



REPORT NUMBER: P722276

CATALOG NUMBER: IFLD-L-SA8C-930-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	393.4	252.9	80.8	0.0
-25°	386.3	245.8	77.3	0.0
-27.5°	379.3	238.8	77.3	0.0
-30°	368.8	231.8	73.8	0.0
-32.5°	358.2	224.8	73.8	0.0
-35°	351.2	214.2	70.2	0.0
-37.5°	340.7	203.7	70.2	0.0
-40°	330.1	193.2	66.7	0.0
-42.5°	319.6	182.6	63.2	0.0
-45°	305.6	172.1	63.2	0.0
-47.5°	295.0	161.6	59.7	0.0
-50°	277.5	147.5	56.2	0.0
-52.5°	256.4	133.5	52.7	0.0
-55°	235.3	122.9	49.2	0.0
-57.5°	214.2	108.9	49.2	0.0
-60°	193.2	94.8	45.7	0.0
-62.5°	172.1	87.8	42.1	0.0
-65°	151.0	80.8	38.6	0.0
-67.5°	126.4	70.2	35.1	0.0
-70°	105.4	63.2	31.6	0.0
-72.5°	91.3	56.2	28.1	0.0
-75°	77.3	49.2	24.6	0.0
-77.5°	66.7	42.1	21.1	0.0
-80°	52.7	31.6	14.0	0.0
-82.5°	38.6	24.6	10.5	0.0
-85°	24.6	17.6	7.0	0.0
-87.5°	14.0	7.0	3.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)