

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: P722038

Luminaire Tested: **IFLD-L-SA7B-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722038  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7B-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

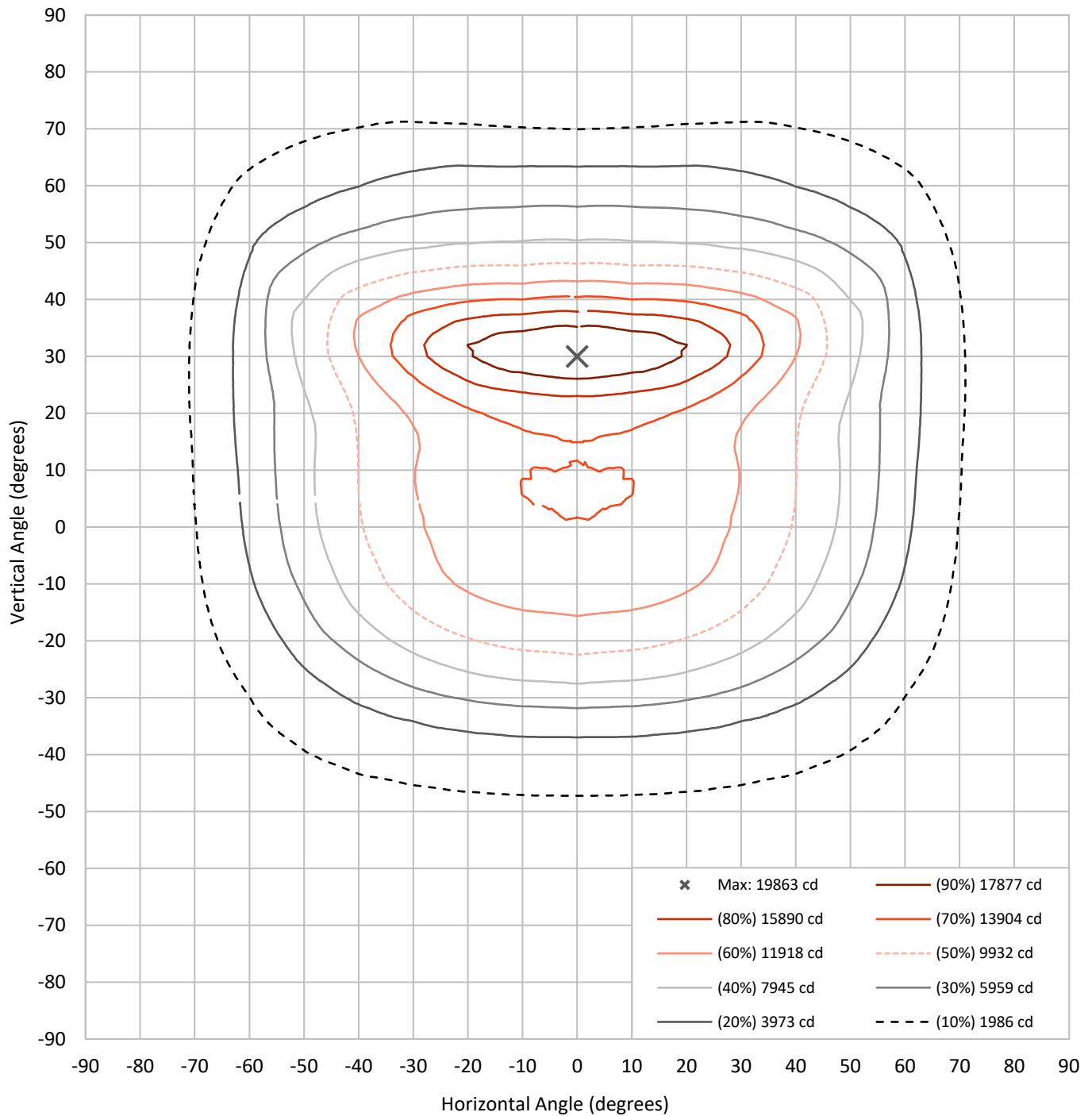
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	33156.4 lumens	Max Intensity:	19863 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	118.0 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:	19280.8 lumens	Field Lumens:	31071.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	281		
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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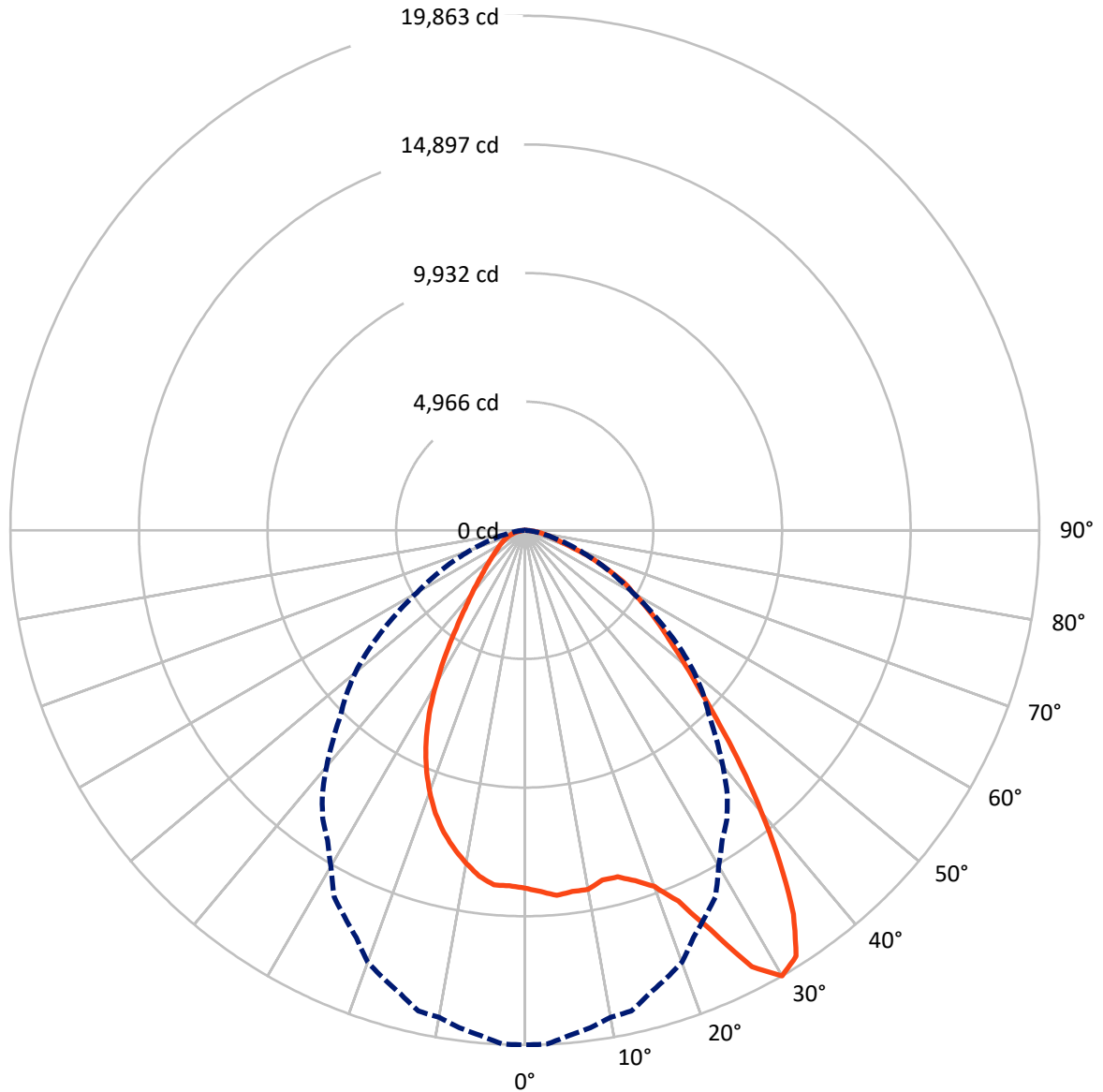
### Iso-Candela Plot





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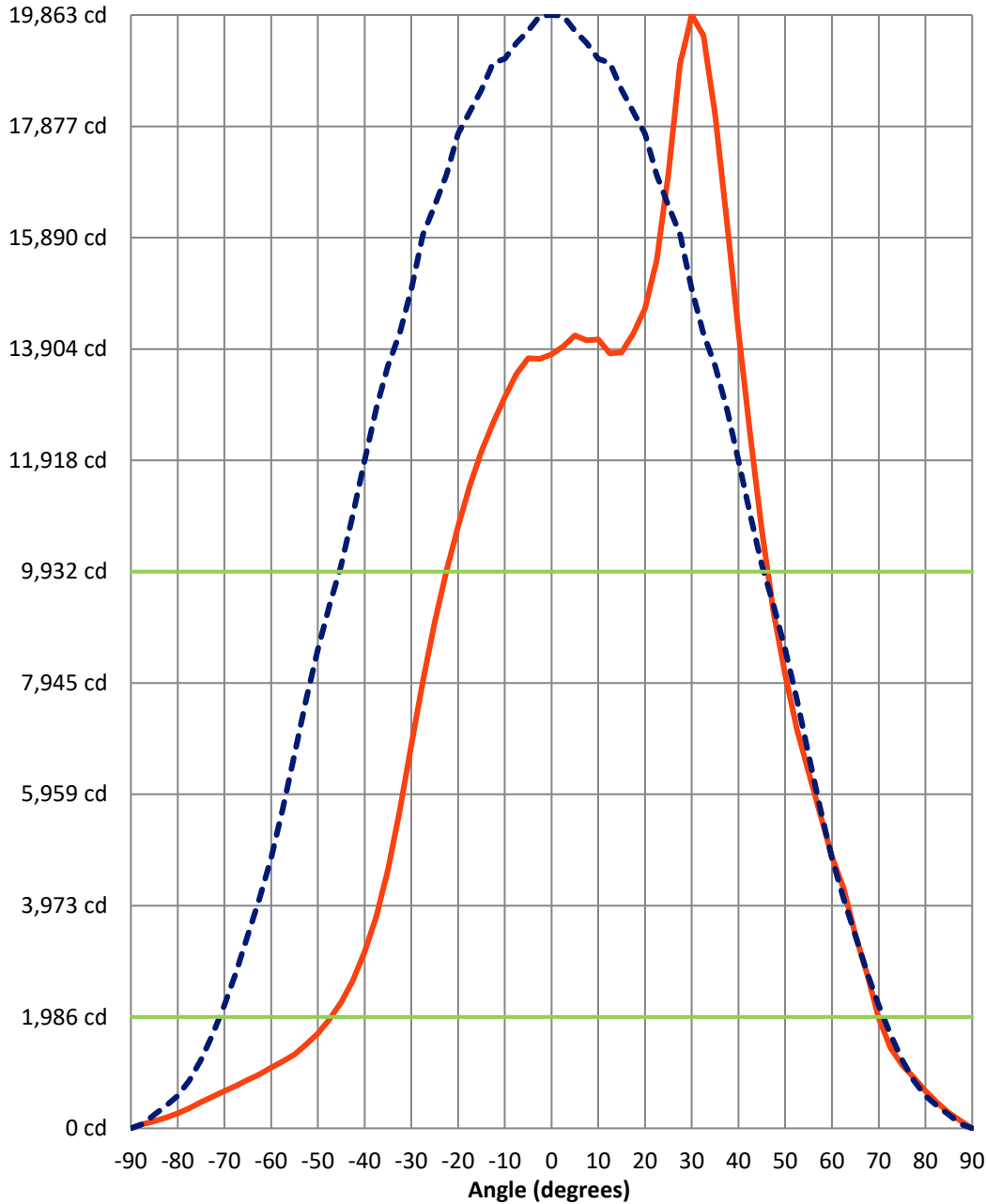
### Luminous Intensity Polar Plot



— 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: 19280.8  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 31071.8  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2084.6  
 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°	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	270.5	274.0	277.5	281.0	281.0
82.5°	460.1	470.7	477.7	474.2	467.2	460.1	453.1	456.6	463.6	467.2	467.2
80°	667.4	670.9	674.4	681.4	670.9	670.9	667.4	681.4	688.4	695.5	702.5
77.5°	906.2	909.7	909.7	913.2	916.8	920.3	920.3	944.9	962.4	973.0	983.5
75°	1131.0	1141.6	1152.1	1162.6	1176.7	1183.7	1194.2	1229.4	1257.5	1278.5	1299.6
72.5°	1440.1	1454.2	1471.7	1496.3	1520.9	1538.5	1563.0	1605.2	1636.8	1657.9	1682.5
70°	1970.5	1984.5	2002.1	2019.7	2044.3	2061.8	2086.4	2139.1	2170.7	2184.8	2198.8
67.5°	2757.3	2792.4	2824.0	2788.9	2771.3	2746.8	2753.8	2803.0	2834.6	2855.6	2852.1
65°	3456.3	3480.9	3480.9	3477.3	3463.3	3431.7	3449.2	3509.0	3544.1	3561.6	3509.0
62.5°	4278.2	4278.2	4260.6	4288.7	4292.2	4271.2	4260.6	4264.1	4267.7	4278.2	4190.4
60°	4847.2	4882.3	4892.9	4917.5	4924.5	4924.5	4942.0	4956.1	4956.1	4935.0	4833.2
57.5°	5598.9	5665.6	5679.7	5662.1	5627.0	5581.3	5574.3	5553.2	5511.1	5468.9	5419.7
55°	6357.6	6392.7	6389.2	6378.6	6343.5	6290.8	6297.9	6269.8	6203.0	6150.3	6083.6
52.5°	7119.8	7204.1	7218.1	7197.1	7147.9	7091.7	7095.2	7063.6	6996.8	6940.6	6849.3
50°	8092.7	8163.0	8156.0	8120.8	8050.6	8008.4	8011.9	7952.2	7875.0	7857.4	7738.0
47.5°	9206.2	9287.0	9272.9	9223.7	9128.9	9111.4	9128.9	9051.6	9006.0	8967.3	8826.8
45°	10667.4	10762.2	10709.5	10614.7	10463.7	10481.2	10505.8	10491.8	10393.4	10291.5	10112.4
42.5°	12381.5	12441.2	12377.9	12283.1	12093.4	12128.6	12114.5	12030.2	11970.5	11801.9	11573.6
40°	14215.0	14344.9	14246.6	14099.1	13902.4	13955.0	13916.4	13807.5	13667.0	13456.3	13168.3
37.5°	16192.5	16294.4	16182.0	16009.8	15834.2	15816.7	15739.4	15570.8	15370.6	15138.8	14678.6
35°	18085.7	18349.1	18141.9	17867.9	17653.7	17572.9	17499.1	17109.2	16880.9	16505.1	15876.4
32.5°	19494.2	19687.4	19431.0	19146.5	18886.6	18774.2	18514.2	18050.6	17927.7	17137.3	16561.3
30°	19863.0	19849.0	19582.0	19364.3	19083.3	19006.0	18528.3	18134.9	17741.5	17010.9	16463.0
27.5°	18984.9	18897.1	18640.7	18451.0	18173.5	18082.2	17611.5	17400.8	16793.1	16174.9	15711.3
25°	17028.5	17074.1	16880.9	16786.1	16603.5	16406.8	16220.6	15936.1	15556.7	15015.8	14590.8
22.5°	15486.5	15546.2	15465.4	15353.0	15212.5	15103.6	14963.1	14741.8	14376.5	14042.9	13642.4
20°	14629.4	14611.9	14541.6	14457.3	14323.9	14246.6	14092.0	13905.9	13624.9	13336.9	12904.8
17.5°	14179.8	14071.0	14004.2	13972.6	13902.4	13804.0	13621.4	13431.7	13213.9	12887.3	12571.1
15°	13846.2	13863.7	13811.0	13786.4	13730.2	13593.3	13407.1	13252.6	12957.5	12792.4	12504.4
12.5°	13825.1	13807.5	13811.0	13800.5	13730.2	13554.6	13459.8	13263.1	13073.4	12855.6	12525.5
10°	14074.5	13888.3	13902.4	13951.5	13839.1	13698.6	13596.8	13382.5	13203.4	12925.9	12599.2
7.5°	14060.4	13965.6	13993.7	13912.9	13948.0	13775.9	13635.4	13421.2	13196.4	12901.3	12606.3
5°	14144.7	14000.7	13976.1	13983.1	13895.3	13765.4	13575.7	13372.0	13161.2	12831.1	12529.0
2.5°	13951.5	13972.6	13860.2	13818.1	13807.5	13589.8	13414.1	13217.4	12999.7	12708.1	12437.7
0°	13807.5	13846.2	13730.2	13670.5	13667.0	13480.9	13368.5	13143.7	12989.1	12746.8	12420.1
-2.5°	13730.2	13775.9	13790.0	13681.1	13575.7	13431.7	13242.0	12999.7	12746.8	12465.8	12184.8
-5°	13737.3	13646.0	13607.3	13642.4	13551.1	13407.1	13196.4	12982.1	12732.7	12430.6	12079.4
-7.5°	13459.8	13368.5	13361.4	13343.9	13322.8	13185.8	13010.2	12778.4	12525.5	12244.5	11917.8
-10°	13045.3	12978.6	12961.0	12943.5	12887.3	12806.5	12641.4	12430.6	12202.3	11921.3	11573.6
-12.5°	12585.2	12553.6	12486.8	12441.2	12385.0	12290.1	12132.1	11938.9	11710.6	11461.2	11162.6
-15°	12075.9	12016.2	11949.4	11910.8	11830.0	11717.6	11559.5	11380.4	11131.0	10885.1	10604.2
-17.5°	11461.2	11387.4	11313.7	11303.1	11246.9	11074.8	10927.3	10709.5	10491.8	10256.4	9982.4
-20°	10737.6	10635.8	10586.6	10558.5	10481.2	10354.8	10196.7	9996.5	9785.7	9560.9	9244.8



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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°	9936.8	9849.0	9764.7	9712.0	9645.2	9546.9	9395.9	9220.2	9013.0	8760.1	8468.6
-25°	9027.1	8904.1	8851.4	8791.7	8756.6	8665.3	8517.7	8356.2	8141.9	7896.0	7618.6
-27.5°	7987.4	7889.0	7860.9	7776.6	7734.5	7639.6	7516.7	7365.7	7169.0	6937.1	6708.8
-30°	6838.8	6779.1	6733.4	6649.1	6617.5	6515.6	6434.8	6308.4	6129.3	5964.2	5781.5
-32.5°	5658.6	5598.9	5584.8	5546.2	5525.1	5458.4	5367.1	5275.7	5131.7	5008.8	4861.3
-35°	4611.9	4569.7	4573.2	4569.7	4548.7	4499.5	4387.1	4362.5	4257.1	4144.7	4049.9
-37.5°	3775.9	3779.4	3775.9	3772.4	3744.3	3723.2	3642.4	3610.8	3547.6	3438.7	3382.5
-40°	3147.2	3154.2	3150.7	3143.7	3112.0	3101.5	3048.8	3006.7	2982.1	2904.8	2845.1
-42.5°	2637.9	2648.4	2644.9	2641.4	2620.3	2616.8	2588.7	2539.5	2525.5	2479.8	2416.6
-45°	2251.5	2248.0	2241.0	2248.0	2237.4	2226.9	2209.3	2177.7	2160.2	2139.1	2086.4
-47.5°	1945.9	1949.4	1942.4	1942.4	1928.3	1917.8	1910.8	1889.7	1875.7	1858.1	1826.5
-50°	1693.0	1707.1	1703.5	1700.0	1689.5	1682.5	1682.5	1661.4	1640.3	1633.3	1612.2
-52.5°	1496.3	1506.9	1510.4	1517.4	1520.9	1524.4	1513.9	1492.8	1457.7	1454.2	1443.6
-55°	1317.2	1348.8	1369.9	1383.9	1398.0	1408.5	1387.4	1359.3	1324.2	1310.2	1306.6
-57.5°	1194.2	1225.9	1250.4	1271.5	1289.1	1306.6	1285.6	1257.5	1225.9	1208.3	1204.8
-60°	1081.8	1109.9	1134.5	1162.6	1187.2	1215.3	1204.8	1183.7	1166.1	1152.1	1138.0
-62.5°	962.4	990.5	1018.6	1053.7	1085.4	1113.5	1117.0	1113.5	1109.9	1113.5	1088.9
-65°	864.1	878.1	895.7	934.3	969.4	1001.1	1018.6	1029.2	1046.7	1064.3	1039.7
-67.5°	758.7	776.3	797.3	825.4	853.5	874.6	899.2	927.3	955.4	983.5	965.9
-70°	663.9	677.9	695.5	709.5	727.1	741.1	762.2	793.8	825.4	853.5	846.5
-72.5°	565.5	579.6	590.1	597.1	607.7	614.7	625.2	653.3	674.4	688.4	688.4
-75°	467.2	481.2	491.7	495.3	502.3	505.8	512.8	523.4	533.9	537.4	540.9
-77.5°	358.3	372.3	382.9	389.9	396.9	403.9	407.4	414.5	418.0	418.0	421.5
-80°	266.9	277.5	284.5	295.0	298.6	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	242.4
-85°	126.4	133.5	140.5	147.5	151.0	154.5	158.1	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	242.4	221.3	203.7
82.5°	474.2	477.7	477.7	474.2	467.2	456.6	442.6	425.0	396.9	368.8	344.2
80°	713.0	716.5	716.5	713.0	695.5	677.9	660.3	639.3	604.1	565.5	523.4
77.5°	997.5	1004.6	1004.6	994.0	969.4	948.4	920.3	885.1	832.5	776.3	720.1
75°	1327.7	1345.3	1348.8	1338.3	1306.6	1268.0	1222.3	1162.6	1081.8	1011.6	944.9
72.5°	1710.6	1728.1	1742.2	1728.1	1682.5	1629.8	1563.0	1492.8	1412.0	1317.2	1204.8
70°	2212.9	2230.4	2241.0	2195.3	2114.5	2026.7	1945.9	1865.1	1770.3	1654.4	1531.4
67.5°	2845.1	2827.5	2806.5	2715.1	2613.3	2507.9	2395.5	2276.1	2153.1	2030.2	1886.2
65°	3452.8	3403.6	3357.9	3249.0	3119.1	2982.1	2852.1	2718.7	2571.1	2416.6	2279.6
62.5°	4092.0	3986.7	3874.3	3740.8	3607.3	3456.3	3326.3	3168.2	3003.2	2813.5	2637.9
60°	4720.8	4594.3	4481.9	4316.8	4141.2	3937.5	3797.0	3642.4	3449.2	3245.5	3038.3
57.5°	5328.4	5191.4	5068.5	4924.5	4734.8	4513.5	4359.0	4158.8	3955.0	3698.6	3487.9
55°	5974.7	5837.7	5739.4	5577.8	5370.6	5166.8	4998.2	4787.5	4503.0	4229.0	3969.1
52.5°	6715.8	6607.0	6501.6	6336.5	6087.1	5879.9	5693.7	5458.4	5159.8	4822.6	4510.0
50°	7544.8	7488.6	7376.2	7183.0	6898.5	6715.8	6470.0	6157.4	5837.7	5483.0	5093.1
47.5°	8644.2	8552.9	8394.8	8184.1	7945.2	7671.2	7341.1	6975.8	6522.7	6129.3	5714.8
45°	9957.9	9789.3	9585.5	9301.0	9006.0	8696.9	8335.1	7871.4	7263.8	6751.0	6315.4
42.5°	11380.4	11152.1	10874.6	10502.3	10119.4	9740.1	9350.2	8718.0	7959.3	7369.2	6877.4
40°	12866.2	12574.6	12226.9	11686.0	11261.0	10772.7	10326.7	9381.8	8573.9	7934.7	7411.3
37.5°	14320.3	13951.5	13368.5	12711.6	12216.4	11816.0	10836.0	9824.4	9100.8	8398.3	7867.9
35°	15433.8	15121.2	14092.0	13410.6	12985.6	12353.4	11127.5	10091.3	9325.6	8742.5	7917.1
32.5°	16094.1	15286.3	14383.6	13695.1	13343.9	12307.7	11148.6	10168.6	9431.0	8777.7	7790.7
30°	15946.6	14970.2	14179.8	13603.8	12841.6	11910.8	10951.9	10049.2	9332.6	8542.3	7650.2
27.5°	15058.0	14302.8	13596.8	12996.1	12248.0	11412.0	10526.9	9733.1	9065.7	8300.0	7457.0
25°	14053.4	13368.5	12845.1	12321.7	11612.2	10814.9	10035.1	9462.6	8791.7	8036.5	7204.1
22.5°	13129.6	12637.9	12226.9	11679.0	10987.0	10291.5	9806.8	9213.2	8524.8	7759.0	6944.2
20°	12539.5	12205.8	11735.2	11131.0	10586.6	10151.0	9613.6	8984.9	8275.4	7474.5	6722.9
17.5°	12255.0	11868.6	11345.3	10951.9	10533.9	10056.2	9455.6	8788.2	8033.0	7344.6	6747.5
15°	12107.5	11700.0	11355.8	10969.4	10498.8	9996.5	9329.1	8637.2	8033.0	7397.3	6765.0
12.5°	12139.1	11787.9	11412.0	10990.5	10484.7	9947.3	9343.2	8700.4	8075.2	7435.9	6768.5
10°	12237.4	11868.6	11468.2	11001.1	10491.8	9961.4	9381.8	8739.0	8096.2	7453.5	6761.5
7.5°	12272.6	11872.2	11443.6	10973.0	10474.2	9954.3	9388.8	8749.6	8099.8	7450.0	6740.4
5°	12163.7	11801.9	11387.4	10913.2	10425.0	9919.2	9360.7	8735.5	8071.7	7414.8	6687.7
2.5°	12016.2	11724.6	11327.7	10871.1	10375.8	9870.0	9315.1	8672.3	8008.4	7351.6	6621.0
0°	11991.6	11629.8	11229.4	10821.9	10295.1	9761.2	9209.7	8552.9	7892.5	7232.2	6505.1
-2.5°	11830.0	11447.1	11046.7	10604.2	10140.5	9603.1	9023.5	8380.8	7727.4	7077.6	6378.6
-5°	11707.1	11282.1	10857.0	10379.4	9912.2	9374.8	8774.2	8148.9	7509.7	6877.4	6203.0
-7.5°	11542.0	11106.4	10660.4	10161.6	9655.8	9107.8	8514.2	7889.0	7260.3	6631.5	5985.3
-10°	11208.3	10825.4	10407.5	9891.1	9357.2	8809.3	8219.2	7604.5	6975.8	6340.0	5690.2
-12.5°	10804.4	10400.4	9943.8	9469.6	8991.9	8482.6	7892.5	7288.4	6656.1	6016.9	5370.6
-15°	10281.0	9884.1	9416.9	8953.3	8493.2	8004.9	7485.1	6940.6	6297.9	5669.1	5022.8
-17.5°	9627.7	9255.4	8837.4	8394.8	7938.2	7446.4	6940.6	6480.5	5879.9	5289.8	4650.5
-20°	8925.2	8577.5	8201.6	7783.6	7327.0	6845.8	6368.1	5886.9	5367.1	4847.2	4253.6



REPORT NUMBER: P722038  
 CATALOG NUMBER: IFLD-L-SA7B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	8194.6	7843.3	7464.0	7074.1	6652.6	6206.5	5764.0	5303.8	4847.2	4376.5	3874.3
-25°	7351.6	7042.5	6694.8	6315.4	5939.6	5549.7	5128.2	4710.2	4320.3	3912.9	3501.9
-27.5°	6470.0	6185.5	5869.3	5539.2	5216.0	4889.4	4524.1	4137.7	3814.5	3477.3	3136.6
-30°	5542.7	5314.4	5058.0	4769.9	4520.6	4257.1	3951.5	3631.9	3336.8	3080.4	2806.5
-32.5°	4664.6	4471.4	4288.7	4099.1	3853.2	3649.5	3438.7	3203.4	2943.5	2701.1	2504.4
-35°	3909.4	3702.1	3624.9	3484.4	3308.7	3129.6	2975.1	2806.5	2609.8	2395.5	2233.9
-37.5°	3273.6	3150.7	3041.8	2964.5	2848.6	2704.6	2581.7	2458.7	2307.7	2146.1	1984.5
-40°	2778.4	2694.1	2574.6	2536.0	2462.2	2363.9	2237.4	2142.6	2040.7	1917.8	1780.8
-42.5°	2381.5	2318.2	2241.0	2174.2	2142.6	2072.4	1974.0	1882.7	1801.9	1717.6	1612.2
-45°	2054.8	2012.6	1963.5	1903.8	1879.2	1823.0	1752.7	1650.9	1605.2	1534.9	1457.7
-47.5°	1791.4	1770.3	1735.2	1696.5	1661.4	1619.2	1556.0	1492.8	1429.6	1383.9	1324.2
-50°	1584.1	1570.1	1549.0	1517.4	1471.7	1443.6	1401.5	1345.3	1285.6	1246.9	1204.8
-52.5°	1419.0	1405.0	1390.9	1366.4	1331.2	1303.1	1268.0	1222.3	1173.2	1134.5	1099.4
-55°	1292.6	1271.5	1261.0	1239.9	1211.8	1180.2	1148.6	1117.0	1074.8	1039.7	1004.6
-57.5°	1194.2	1166.1	1152.1	1134.5	1106.4	1074.8	1050.2	1018.6	990.5	951.9	920.3
-60°	1117.0	1085.4	1057.3	1039.7	1015.1	983.5	958.9	934.3	906.2	874.6	836.0
-62.5°	1053.7	1015.1	976.5	955.4	930.8	902.7	878.1	853.5	825.4	793.8	758.7
-65°	994.0	948.4	899.2	878.1	853.5	825.4	793.8	776.3	751.7	723.6	688.4
-67.5°	920.3	871.1	828.9	804.4	779.8	755.2	727.1	709.5	684.9	649.8	614.7
-70°	811.4	779.8	751.7	730.6	709.5	688.4	660.3	632.2	604.1	572.5	540.9
-72.5°	674.4	663.9	660.3	649.8	625.2	600.6	572.5	544.4	519.8	495.3	470.7
-75°	544.4	551.5	558.5	555.0	530.4	505.8	481.2	456.6	439.1	418.0	396.9
-77.5°	432.0	439.1	446.1	446.1	428.5	414.5	396.9	379.3	365.3	347.7	326.7
-80°	333.7	344.2	354.8	361.8	347.7	337.2	323.1	309.1	295.0	281.0	266.9
-82.5°	252.9	263.4	274.0	281.0	270.5	263.4	252.9	242.4	231.8	217.8	207.2
-85°	182.6	189.7	196.7	200.2	193.2	186.2	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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 CATALOG NUMBER: IFLD-L-SA7B-730-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°	87.8	80.8	73.8	70.2	63.2	52.7	45.7	38.6	31.6	24.6	21.1
85°	186.2	168.6	147.5	137.0	122.9	108.9	94.8	80.8	66.7	52.7	38.6
82.5°	319.6	298.6	277.5	252.9	221.3	182.6	144.0	119.4	98.3	77.3	59.7
80°	481.2	442.6	407.4	375.8	340.7	291.5	238.8	189.7	133.5	101.9	77.3
77.5°	667.4	621.7	572.5	519.8	463.6	396.9	337.2	274.0	207.2	140.5	98.3
75°	878.1	818.4	751.7	677.9	604.1	516.3	432.0	358.3	281.0	196.7	119.4
72.5°	1113.5	1039.7	958.9	860.6	744.6	642.8	540.9	442.6	351.2	249.4	161.6
70°	1415.5	1299.6	1180.2	1074.8	927.3	765.7	646.3	533.9	418.0	305.6	203.7
67.5°	1738.7	1598.2	1454.2	1299.6	1113.5	923.8	751.7	625.2	488.2	358.3	242.4
65°	2089.9	1914.3	1731.6	1559.5	1303.1	1078.3	885.1	713.0	555.0	407.4	281.0
62.5°	2451.7	2244.5	2033.7	1808.9	1513.9	1236.4	1011.6	811.4	618.2	453.1	316.1
60°	2838.1	2595.7	2339.3	2058.3	1714.1	1408.5	1131.0	913.2	684.9	498.8	354.8
57.5°	3245.5	2982.1	2680.0	2300.7	1921.3	1573.6	1268.0	1004.6	744.6	540.9	382.9
55°	3688.1	3386.0	3055.8	2553.6	2125.0	1738.7	1405.0	1095.9	807.9	576.0	411.0
52.5°	4165.8	3814.5	3396.6	2820.5	2339.3	1907.3	1531.4	1176.7	867.6	614.7	435.5
50°	4699.7	4257.1	3695.1	3066.4	2525.5	2065.3	1657.9	1264.5	916.8	656.8	456.6
47.5°	5254.7	4777.0	3962.1	3294.7	2715.1	2219.9	1787.8	1341.8	965.9	692.0	477.7
45°	5834.2	5138.7	4239.6	3498.4	2880.2	2360.4	1886.2	1412.0	1025.6	723.6	495.3
42.5°	6406.7	5412.7	4481.9	3702.1	3034.8	2486.8	1967.0	1478.8	1074.8	755.2	512.8
40°	6677.2	5620.0	4675.1	3842.6	3164.7	2599.2	2037.2	1538.5	1117.0	776.3	530.4
37.5°	6789.6	5746.4	4801.5	3976.1	3266.6	2658.9	2096.9	1591.1	1152.1	797.3	544.4
35°	6814.2	5792.1	4864.8	4067.4	3350.9	2715.1	2142.6	1629.8	1180.2	818.4	558.5
32.5°	6768.5	5778.0	4882.3	4099.1	3403.6	2757.3	2174.2	1657.9	1201.3	839.5	572.5
30°	6666.7	5704.3	4819.1	4095.5	3442.2	2781.9	2195.3	1679.0	1222.3	853.5	579.6
27.5°	6501.6	5574.3	4738.3	4099.1	3463.3	2792.4	2205.8	1689.5	1236.4	864.1	593.6
25°	6297.9	5398.7	4741.8	4092.0	3466.8	2795.9	2205.8	1689.5	1239.9	867.6	604.1
22.5°	6062.5	5398.7	4741.8	4081.5	3445.7	2788.9	2195.3	1682.5	1239.9	874.6	614.7
20°	6076.6	5402.2	4731.3	4060.4	3414.1	2767.8	2170.7	1664.9	1229.4	885.1	621.7
17.5°	6087.1	5395.2	4710.2	4032.3	3372.0	2732.7	2139.1	1640.3	1229.4	895.7	625.2
15°	6087.1	5374.1	4678.6	3990.2	3319.3	2683.5	2093.4	1619.2	1232.9	899.2	632.2
12.5°	6076.6	5335.4	4629.4	3934.0	3256.1	2623.8	2065.3	1612.2	1232.9	902.7	632.2
10°	6055.5	5282.8	4566.2	3863.7	3196.3	2602.7	2051.3	1598.2	1225.9	902.7	632.2
7.5°	6016.9	5219.5	4513.5	3821.6	3161.2	2578.2	2030.2	1577.1	1215.3	895.7	639.3
5°	5957.2	5184.4	4471.4	3772.4	3112.0	2560.6	2016.2	1559.5	1208.3	895.7	632.2
2.5°	5879.9	5142.3	4422.2	3709.2	3055.8	2500.9	1970.5	1520.9	1183.7	881.6	625.2
0°	5753.4	5058.0	4337.9	3621.4	2978.6	2441.2	1924.8	1482.3	1159.1	867.6	618.2
-2.5°	5637.5	4945.6	4229.0	3530.0	2904.8	2388.5	1889.7	1461.2	1148.6	864.1	614.7
-5°	5475.9	4791.0	4085.0	3410.6	2806.5	2335.8	1854.6	1436.6	1138.0	857.0	614.7
-7.5°	5296.8	4629.4	3934.0	3287.7	2708.1	2244.5	1787.8	1398.0	1113.5	843.0	611.2
-10°	5019.3	4387.1	3744.3	3147.2	2602.7	2163.7	1731.6	1362.8	1092.4	828.9	597.1
-12.5°	4724.3	4120.1	3526.5	2975.1	2483.3	2079.4	1668.4	1324.2	1067.8	814.9	590.1
-15°	4411.7	3846.2	3298.2	2795.9	2353.4	1977.5	1601.7	1282.1	1043.2	797.3	579.6
-17.5°	4085.0	3558.1	3062.9	2613.3	2223.4	1872.1	1531.4	1243.4	1015.1	779.8	569.0
-20°	3740.8	3263.1	2824.0	2427.1	2086.4	1766.8	1457.7	1197.8	983.5	758.7	555.0



REPORT NUMBER: P722038

CATALOG NUMBER: IFLD-L-SA7B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3400.1	2971.6	2578.2	2244.5	1945.9	1657.9	1383.9	1152.1	948.4	734.1	544.4
-25°	3098.0	2697.6	2360.4	2068.8	1808.9	1552.5	1306.6	1106.4	909.7	709.5	530.4
-27.5°	2803.0	2462.2	2146.1	1903.8	1675.4	1450.7	1232.9	1057.3	871.1	681.4	516.3
-30°	2529.0	2237.4	1977.5	1742.2	1549.0	1359.3	1169.7	1008.1	828.9	653.3	498.8
-32.5°	2279.6	2044.3	1826.5	1601.7	1429.6	1268.0	1109.9	958.9	786.8	625.2	481.2
-35°	2047.8	1865.1	1675.4	1485.8	1310.2	1183.7	1046.7	906.2	748.2	593.6	463.6
-37.5°	1840.5	1693.0	1542.0	1380.4	1229.4	1102.9	987.0	853.5	709.5	565.5	446.1
-40°	1661.4	1542.0	1408.5	1278.5	1152.1	1032.7	927.3	800.8	670.9	544.4	428.5
-42.5°	1496.3	1405.0	1296.1	1187.2	1074.8	969.4	867.6	744.6	632.2	519.8	411.0
-45°	1369.9	1278.5	1190.7	1092.4	997.5	906.2	804.4	695.5	597.1	491.7	393.4
-47.5°	1250.4	1169.7	1088.9	1008.1	930.8	846.5	744.6	653.3	558.5	467.2	379.3
-50°	1145.1	1067.8	997.5	927.3	860.6	779.8	684.9	611.2	526.9	442.6	361.8
-52.5°	1046.7	980.0	909.7	853.5	797.3	716.5	639.3	569.0	495.3	414.5	344.2
-55°	958.9	895.7	832.5	779.8	727.1	656.8	593.6	533.9	463.6	393.4	326.7
-57.5°	874.6	821.9	762.2	713.0	660.3	604.1	551.5	495.3	432.0	372.3	309.1
-60°	797.3	748.2	695.5	646.3	600.6	555.0	505.8	460.1	403.9	347.7	291.5
-62.5°	720.1	677.9	632.2	583.1	547.9	505.8	467.2	421.5	375.8	326.7	259.9
-65°	649.8	611.2	569.0	526.9	495.3	463.6	428.5	386.4	347.7	302.1	231.8
-67.5°	579.6	544.4	509.3	474.2	446.1	421.5	386.4	354.8	323.1	274.0	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°	449.6	421.5	396.9	375.8	358.3	333.7	312.6	291.5	252.9	200.2	144.0
-75°	375.8	358.3	344.2	326.7	309.1	291.5	274.0	249.4	210.7	161.6	112.4
-77.5°	309.1	298.6	288.0	274.0	259.9	245.9	224.8	200.2	168.6	126.4	91.3
-80°	252.9	242.4	235.3	221.3	210.7	196.7	175.6	154.5	122.9	98.3	73.8
-82.5°	193.2	186.2	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



REPORT NUMBER: P722038

CATALOG NUMBER: IFLD-L-SA7B-730-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°	242.4	115.9	49.2	0.0
55°	263.4	130.0	52.7	0.0
52.5°	288.0	144.0	56.2	0.0
50°	309.1	158.1	59.7	0.0
47.5°	326.7	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°	361.8	203.7	70.2	0.0
37.5°	372.3	214.3	70.2	0.0
35°	382.9	224.8	73.8	0.0
32.5°	393.4	235.3	73.8	0.0
30°	400.4	242.4	77.3	0.0
27.5°	411.0	249.4	77.3	0.0
25°	414.5	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	270.5	84.3	0.0
15°	432.0	274.0	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°	442.6	281.0	84.3	0.0
5°	439.1	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°	418.0	270.5	84.3	0.0
-15°	414.5	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: P722038

CATALOG NUMBER: IFLD-L-SA7B-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	393.4	252.9	80.8	0.0
-25°	386.4	245.9	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°	358.3	224.8	73.8	0.0
-35°	351.2	214.3	70.2	0.0
-37.5°	340.7	203.7	70.2	0.0
-40°	330.2	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°	214.3	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)