

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: P722651

Luminaire Tested: **IFLD-L-SA8A-927-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722651
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-927-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (128) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	22176.2 lumens	Max Intensity:	15481.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	14147.5 lumens	Field Lumens:	20907.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

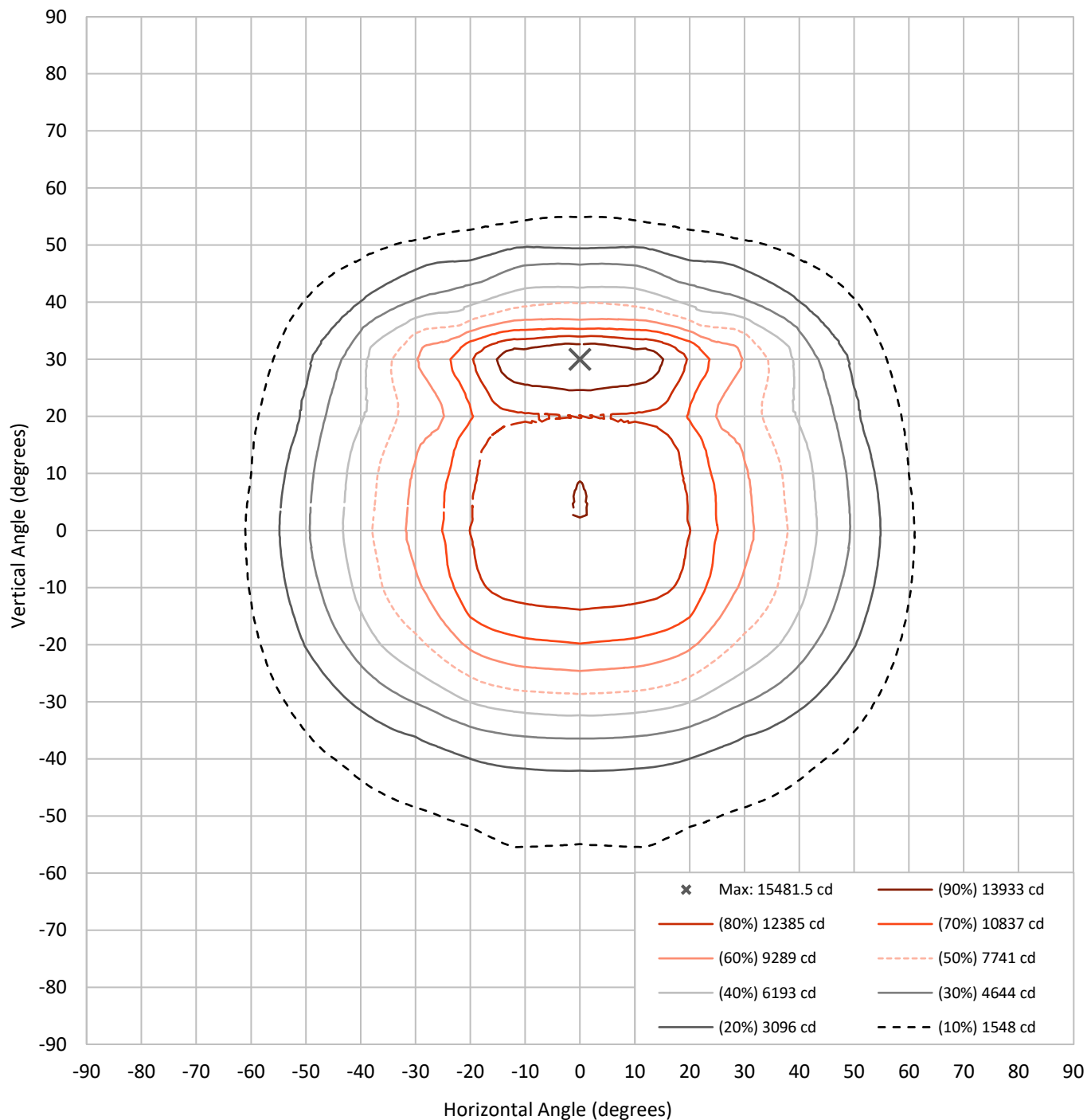
Input Watts (W): 247.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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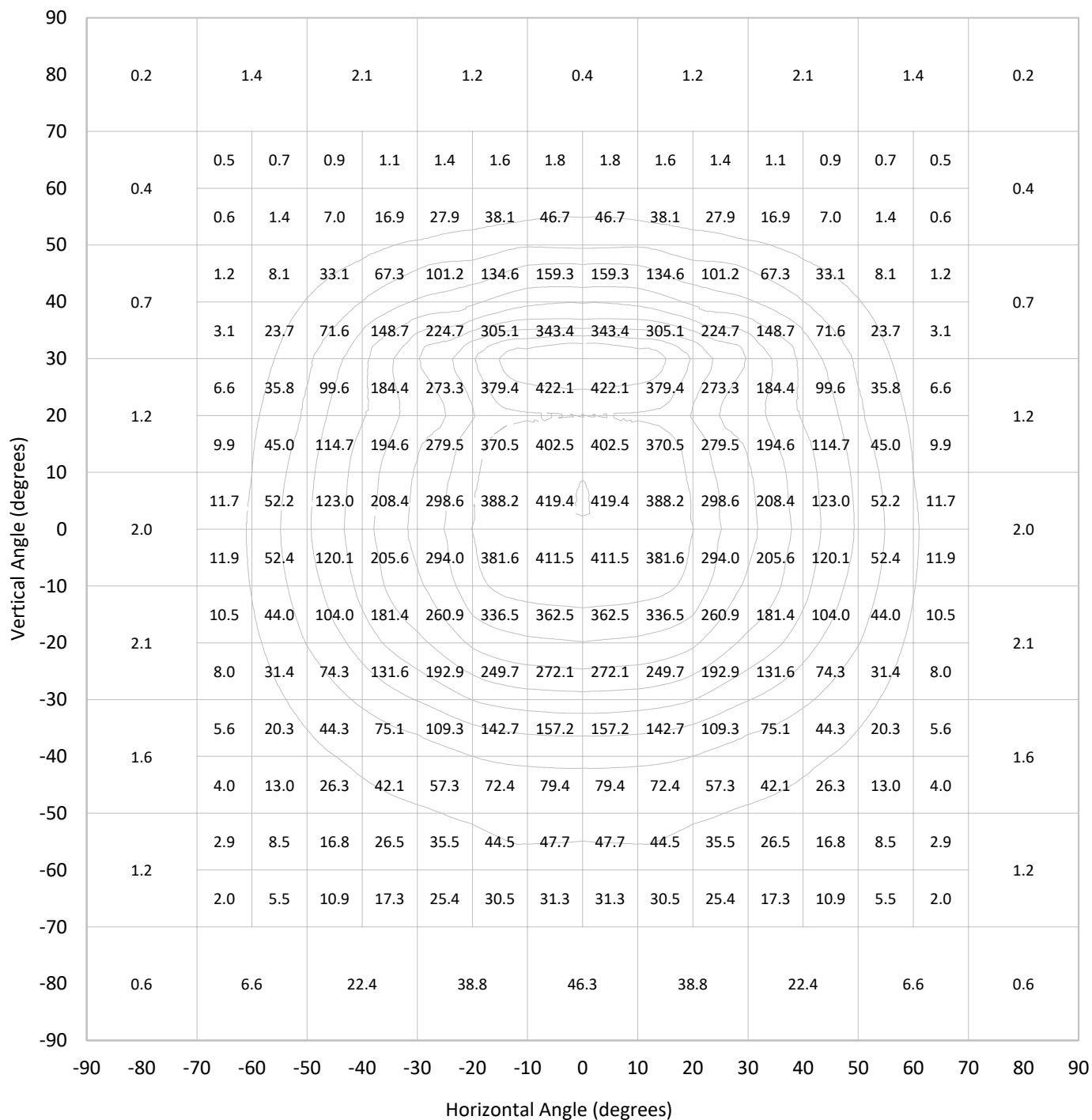
Iso-Candela Plot



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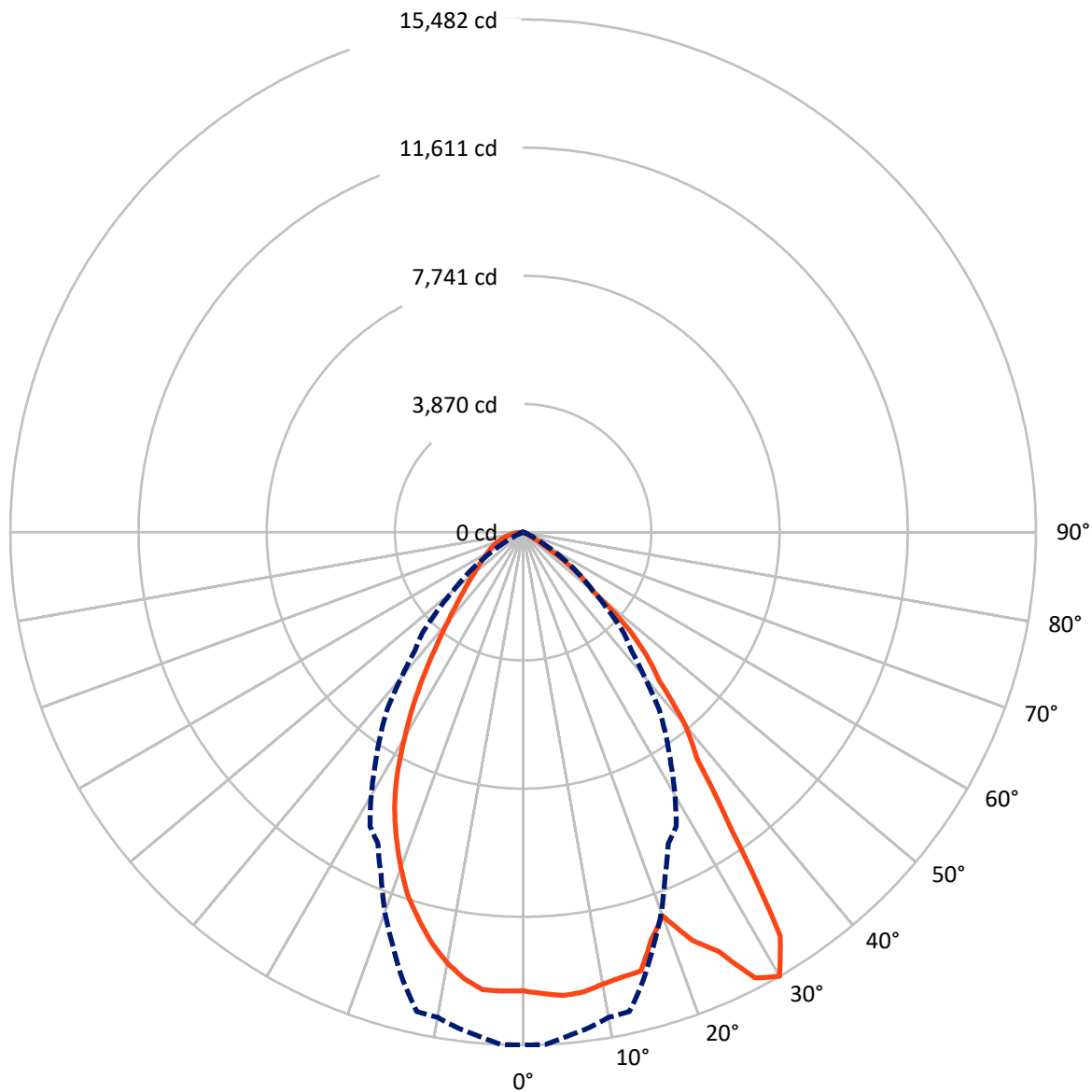
Lumen Table



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Luminous Intensity Polar Plot



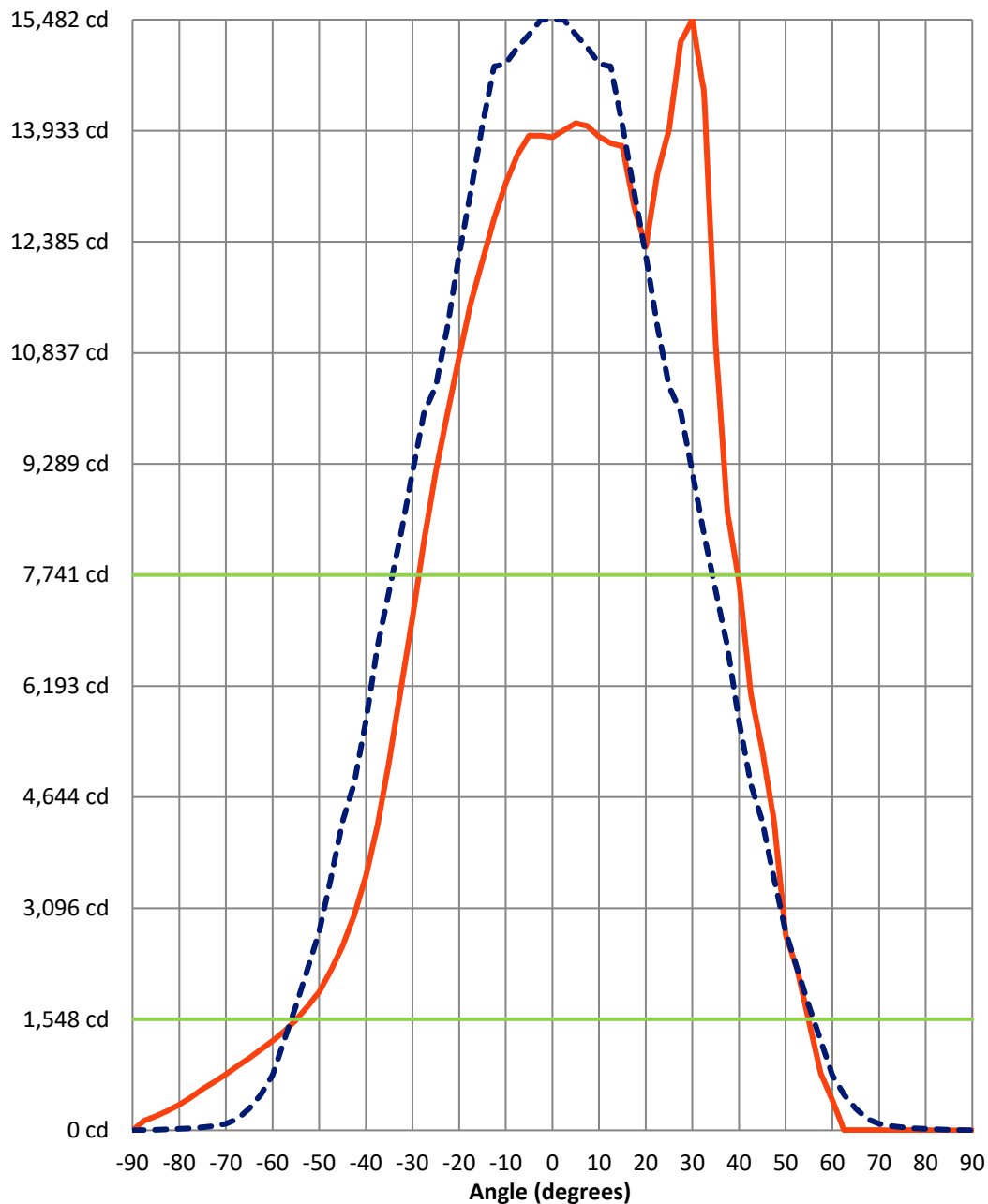
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14147.5

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 20907.2

Efficiency: 94.3%

Spill:

Lumens: 1269

Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	0.0	3.5	3.5	3.5	7.1	7.1	7.1	7.1	7.1	7.1	10.6
82.5°	0.0	3.5	3.5	3.5	7.1	7.1	7.1	7.1	10.6	10.6	14.1
80°	3.5	3.5	3.5	3.5	7.1	7.1	7.1	10.6	10.6	14.1	14.1
77.5°	3.5	3.5	3.5	7.1	7.1	7.1	10.6	10.6	14.1	14.1	17.7
75°	3.5	3.5	3.5	7.1	7.1	10.6	10.6	10.6	14.1	14.1	17.7
72.5°	0.0	3.5	3.5	7.1	7.1	10.6	10.6	10.6	14.1	14.1	14.1
70°	3.5	3.5	3.5	7.1	7.1	10.6	10.6	10.6	14.1	14.1	14.1
67.5°	3.5	3.5	3.5	7.1	7.1	10.6	10.6	14.1	14.1	14.1	17.7
65°	3.5	3.5	3.5	7.1	10.6	10.6	14.1	17.7	17.7	21.2	24.7
62.5°	3.5	7.1	7.1	10.6	14.1	17.7	38.8	60.0	60.0	42.4	35.3
60°	420.1	455.4	451.9	409.5	356.6	300.1	289.5	278.9	257.7	226.0	236.5
57.5°	797.9	840.3	857.9	847.3	819.1	769.7	741.4	709.6	667.3	617.8	561.4
55°	1511.1	1528.7	1489.9	1415.8	1334.5	1253.3	1225.1	1182.7	1119.2	1055.6	970.9
52.5°	2234.8	2294.9	2277.2	2203.1	2093.6	1948.9	1790.0	1666.4	1592.3	1521.7	1436.9
50°	2729.1	2753.8	2803.3	2891.5	2923.3	2824.4	2566.7	2234.8	1998.3	2118.3	2026.5
47.5°	4307.3	4430.8	4406.1	4342.6	4236.7	3968.3	3608.2	3311.7	3064.5	2983.3	2997.4
45°	5292.3	5341.7	5324.1	5295.8	5246.4	4995.7	4596.8	4141.3	3911.9	3820.1	3724.7
42.5°	6100.8	6153.8	6164.3	6167.9	6114.9	5885.4	5525.3	5069.9	4840.4	4575.6	4367.3
40°	7643.6	7721.3	7633.1	7516.5	7340.0	7078.8	6725.7	6305.6	5899.6	5574.7	5327.6
37.5°	8628.7	8724.0	8759.3	8752.2	8713.4	8600.4	8166.2	7767.2	7145.8	6418.5	6549.2
35°	10965.9	11064.8	11036.5	10930.6	10874.1	10754.1	10330.4	9857.3	9077.1	8286.2	8074.4
32.5°	14450.6	14665.9	14263.4	13822.1	13550.3	13645.6	13214.9	12056.8	11696.7	10270.4	9610.2
30°	15481.5	15477.9	15273.2	15093.1	14870.7	14824.8	14012.8	13087.8	12205.1	11206.0	10372.8
27.5°	15167.3	15103.7	14930.7	14800.1	14591.8	14482.3	13688.0	12953.6	11933.3	11040.0	10235.1
25°	13956.3	14005.7	13829.2	13804.5	13723.3	13511.4	13116.0	12289.9	11379.0	10390.4	9811.4
22.5°	13331.4	13313.7	13101.9	12978.3	13077.2	12851.2	12692.3	11859.1	10909.4	10076.2	9380.7
20°	12314.6	12318.1	12265.1	12254.5	12194.5	12092.1	11965.0	11375.4	10704.6	9991.5	9154.7
17.5°	12883.0	13027.7	13091.3	12565.2	12713.5	12597.0	12462.9	11640.2	11135.4	10503.4	9412.5
15°	13716.2	13663.2	13599.7	13571.4	13490.2	13380.8	13137.2	12480.5	11612.0	10958.8	10108.0
12.5°	13758.6	13656.2	13631.5	13627.9	13543.2	13391.4	13154.8	12611.1	11841.5	11047.1	10355.1
10°	13850.4	13744.4	13730.3	13748.0	13617.3	13522.0	13285.5	12780.6	11912.1	11198.9	10545.8
7.5°	13998.6	13822.1	13903.3	13850.4	13790.3	13638.5	13384.3	12890.0	12169.8	11400.2	10715.2
5°	14037.5	13843.3	13931.6	13882.1	13793.9	13645.6	13370.2	12960.7	12328.7	11481.4	10782.3
2.5°	13942.2	13885.7	13846.8	13755.0	13716.2	13553.8	13292.5	12854.7	12254.5	11446.1	10768.2
0°	13843.3	13892.7	13804.5	13712.7	13695.0	13564.4	13342.0	12946.5	12427.5	11544.9	10888.2
-2.5°	13864.5	13825.6	13765.6	13670.3	13578.5	13391.4	13190.1	12819.4	12261.6	11329.5	10718.8
-5°	13864.5	13684.4	13691.5	13695.0	13603.2	13409.0	13165.4	12851.2	12162.8	11326.0	10669.3
-7.5°	13596.2	13440.8	13416.1	13394.9	13370.2	13190.1	12999.5	12607.6	11996.8	11234.2	10531.6
-10°	13200.7	13048.9	13063.0	13031.3	12953.6	12833.6	12688.8	12335.8	11834.4	10944.7	10252.7
-12.5°	12706.5	12639.4	12600.5	12547.6	12469.9	12364.0	12215.7	11883.8	11347.2	10588.1	9931.4
-15°	12120.4	12071.0	12035.7	12003.9	11890.9	11781.5	11587.3	11280.1	10944.7	10129.2	9458.4
-17.5°	11534.3	11410.7	11361.3	11319.0	11244.8	11068.3	10891.8	10662.3	10192.7	9546.6	8971.1
-20°	10782.3	10708.2	10648.1	10591.7	10485.7	10348.0	10203.3	9938.5	9532.5	9010.0	8413.3

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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°	9995.0	9952.6	9903.2	9832.6	9762.0	9631.3	9430.1	9175.9	8858.2	8293.3	7735.4
-25°	9183.0	9101.8	9041.7	8974.7	8918.2	8798.1	8604.0	8360.3	7961.4	7474.2	7008.1
-27.5°	8226.2	8148.5	8116.7	8039.1	7989.6	7880.2	7686.0	7460.1	7099.9	6690.4	6217.3
-30°	7145.8	7160.0	7124.7	7050.5	6990.5	6849.3	6701.0	6510.3	6227.9	5836.0	5412.3
-32.5°	6146.7	6164.3	6122.0	6044.3	5966.6	5864.2	5726.6	5553.6	5341.7	4967.5	4600.3
-35°	5147.5	5140.5	5105.2	5059.3	5006.3	4921.6	4766.2	4635.6	4392.0	4130.7	3876.5
-37.5°	4250.8	4268.4	4257.8	4233.1	4173.1	4102.5	3975.4	3855.4	3675.3	3445.8	3248.1
-40°	3541.1	3562.3	3548.2	3523.5	3470.5	3428.2	3343.4	3237.5	3092.8	2895.1	2729.1
-42.5°	2997.4	3011.6	2993.9	2972.7	2926.8	2895.1	2828.0	2739.7	2619.7	2467.9	2319.6
-45°	2566.7	2570.2	2552.6	2538.5	2503.2	2464.3	2407.8	2337.2	2241.9	2136.0	2015.9
-47.5°	2227.8	2224.2	2206.6	2192.5	2164.2	2128.9	2083.0	2019.5	1945.3	1864.1	1768.8
-50°	1931.2	1948.9	1941.8	1927.7	1906.5	1881.8	1835.9	1768.8	1694.7	1634.6	1567.6
-52.5°	1726.4	1730.0	1726.4	1726.4	1722.9	1705.3	1652.3	1585.2	1504.0	1451.1	1394.6
-55°	1535.8	1553.4	1560.5	1567.6	1571.1	1571.1	1507.5	1436.9	1359.3	1306.3	1263.9
-57.5°	1380.4	1391.0	1398.1	1415.8	1429.9	1440.5	1384.0	1320.4	1260.4	1211.0	1172.1
-60°	1246.3	1260.4	1271.0	1288.7	1299.2	1306.3	1271.0	1228.6	1193.3	1161.6	1105.1
-62.5°	1126.2	1136.8	1147.4	1158.0	1168.6	1175.7	1161.6	1140.4	1122.7	1108.6	1038.0
-65°	1006.2	1016.8	1027.4	1041.5	1052.1	1059.2	1055.6	1041.5	1027.4	1013.3	949.7
-67.5°	896.8	907.4	921.5	925.0	932.1	935.6	928.5	917.9	900.3	882.6	833.2
-70°	780.3	787.3	794.4	794.4	794.4	790.8	783.8	769.7	752.0	727.3	688.5
-72.5°	674.3	681.4	688.5	677.9	670.8	660.2	649.6	632.0	614.3	596.7	575.5
-75°	575.5	579.0	579.0	564.9	554.3	543.7	529.6	519.0	501.3	487.2	469.6
-77.5°	459.0	459.0	459.0	448.4	441.3	434.3	423.7	413.1	399.0	388.4	374.2
-80°	356.6	356.6	356.6	353.1	342.5	335.4	328.3	321.3	310.7	303.6	296.6
-82.5°	271.9	271.9	271.9	268.3	261.3	257.7	250.7	243.6	240.1	233.0	229.5
-85°	197.7	201.2	201.2	197.7	194.2	187.1	183.6	180.1	176.5	173.0	165.9
-87.5°	134.2	134.2	134.2	130.6	127.1	127.1	123.6	116.5	109.4	105.9	102.4
-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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
85°	10.6	10.6	10.6	14.1	14.1	14.1	14.1	14.1	14.1	14.1	10.6
82.5°	17.7	17.7	21.2	21.2	24.7	24.7	24.7	24.7	24.7	24.7	24.7
80°	17.7	21.2	24.7	28.2	31.8	35.3	35.3	35.3	35.3	31.8	31.8
77.5°	21.2	21.2	24.7	28.2	31.8	35.3	38.8	42.4	38.8	38.8	38.8
75°	21.2	24.7	24.7	28.2	31.8	35.3	38.8	42.4	42.4	42.4	42.4
72.5°	17.7	21.2	24.7	28.2	28.2	31.8	35.3	35.3	38.8	38.8	42.4
70°	17.7	21.2	24.7	24.7	28.2	28.2	31.8	35.3	35.3	38.8	38.8
67.5°	21.2	24.7	24.7	28.2	31.8	31.8	31.8	35.3	35.3	38.8	38.8
65°	24.7	28.2	28.2	31.8	35.3	35.3	38.8	38.8	38.8	42.4	42.4
62.5°	42.4	42.4	42.4	38.8	42.4	42.4	42.4	45.9	45.9	42.4	45.9
60°	218.9	158.9	109.4	137.7	123.6	56.5	56.5	56.5	53.0	53.0	49.4
57.5°	515.5	480.2	413.1	349.5	314.2	278.9	173.0	70.6	70.6	63.5	56.5
55°	861.5	744.9	695.5	610.8	519.0	476.6	395.4	268.3	127.1	84.7	74.1
52.5°	1334.5	1225.1	1098.0	925.0	801.4	702.6	635.5	504.9	338.9	180.1	113.0
50°	1786.5	1737.0	1659.4	1489.9	1232.2	1066.2	956.8	808.5	607.3	370.7	211.8
47.5°	2877.4	2464.3	2213.7	2083.0	1867.7	1553.4	1341.6	1175.7	932.1	624.9	374.2
45°	3622.3	3361.1	2962.1	2686.8	2369.0	2037.1	1761.7	1571.1	1281.6	935.6	586.1
42.5°	4261.4	4035.4	3675.3	3272.8	2937.4	2503.2	2150.1	1899.4	1655.8	1278.1	875.6
40°	5084.0	4815.7	4469.7	4077.8	3685.9	3131.6	2559.7	2256.0	1987.7	1652.3	1182.7
37.5°	6439.7	5966.6	5401.7	4967.5	4455.6	3986.0	3202.2	2665.6	2347.8	1998.3	1542.9
35°	8070.8	7551.9	6609.2	6033.7	5348.8	4649.7	3943.6	3149.3	2697.3	2326.6	1874.7
32.5°	9589.0	8829.9	7622.5	6948.1	6492.7	5204.0	4473.2	3784.8	3057.5	2602.0	2065.4
30°	10009.1	9172.4	8307.4	7520.1	6743.4	5701.8	4836.9	4300.2	3509.4	2768.0	2245.4
27.5°	9585.5	9010.0	8339.2	7608.3	6768.1	5874.8	5059.3	4547.4	3841.2	2880.9	2386.7
25°	9154.7	8554.5	8085.0	7474.2	6697.5	5864.2	5066.3	4702.7	4099.0	3099.8	2464.3
22.5°	8699.3	8325.0	7936.7	7255.3	6520.9	5896.0	5295.8	4836.9	4233.1	3347.0	2496.1
20°	8724.0	8480.4	8053.2	7142.3	6489.2	6083.1	5571.2	5006.3	4377.9	3562.3	2520.8
17.5°	9119.4	8801.7	8265.0	7474.2	6775.1	6273.8	5800.7	5239.3	4526.2	3753.0	2820.9
15°	9606.6	9122.9	8561.6	7866.1	7075.2	6482.1	5977.2	5401.7	4695.6	3929.5	3089.2
12.5°	9959.7	9271.2	8745.2	8116.7	7400.0	6708.1	6093.7	5525.3	4854.5	4074.3	3290.5
10°	10079.7	9454.8	8833.4	8272.1	7566.0	6828.1	6182.0	5603.0	4992.2	4187.2	3438.8
7.5°	10143.3	9613.7	8893.5	8342.7	7664.8	6902.2	6252.6	5645.4	5101.6	4264.9	3534.1
5°	10136.2	9698.4	8939.4	8363.9	7717.8	6934.0	6302.0	5655.9	5179.3	4332.0	3590.6
2.5°	10104.4	9754.9	9013.5	8399.2	7823.7	6994.0	6397.4	5677.1	5207.6	4406.1	3629.4
0°	10221.0	9758.4	9091.2	8409.8	7894.3	7015.2	6439.7	5659.5	5168.7	4427.3	3625.9
-2.5°	9970.3	9550.1	9073.5	8318.0	7799.0	6965.8	6362.1	5603.0	5084.0	4402.6	3611.8
-5°	9927.9	9398.3	8925.2	8233.2	7640.1	6863.4	6217.3	5497.1	4949.8	4321.4	3555.3
-7.5°	9814.9	9253.6	8780.5	8166.2	7491.8	6757.5	6079.6	5387.6	4805.1	4194.3	3474.1
-10°	9567.8	9031.2	8625.1	8021.4	7311.8	6605.7	5913.7	5242.9	4635.6	4021.3	3347.0
-12.5°	9214.7	8678.1	8275.6	7714.3	7085.8	6400.9	5716.0	5055.8	4441.4	3837.7	3195.2
-15°	8815.8	8272.1	7869.6	7357.7	6750.4	6083.1	5465.3	4819.2	4219.0	3643.5	3015.1
-17.5°	8363.9	7848.4	7460.1	6962.2	6358.5	5723.0	5108.7	4522.6	3961.3	3442.3	2806.8
-20°	7841.4	7340.0	6983.4	6485.6	5931.3	5313.5	4716.8	4162.5	3657.7	3170.4	2577.3

REPORT NUMBER: P722651

CATALOG NUMBER: IFLD-L-SA8A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7195.3	6753.9	6347.9	5903.1	5419.4	4854.5	4300.2	3809.5	3325.8	2849.2	2340.8
-25°	6535.1	6107.9	5712.4	5306.4	4843.9	4356.7	3883.6	3438.8	2965.7	2534.9	2111.3
-27.5°	5800.7	5419.4	5066.3	4692.1	4268.4	3848.3	3459.9	3025.7	2616.1	2249.0	1885.3
-30°	5016.9	4706.2	4399.1	4067.2	3724.7	3371.7	3025.7	2616.1	2294.9	2001.8	1694.7
-32.5°	4264.9	3986.0	3738.9	3491.7	3195.2	2905.6	2598.5	2294.9	2026.5	1768.8	1511.1
-35°	3604.7	3308.1	3170.4	2972.7	2736.2	2474.9	2224.2	2012.4	1797.1	1564.0	1334.5
-37.5°	3032.7	2842.1	2679.7	2531.4	2344.3	2118.3	1938.3	1765.3	1585.2	1373.4	1175.7
-40°	2584.4	2446.7	2284.3	2174.8	2023.0	1860.6	1680.5	1535.8	1384.0	1211.0	1048.6
-42.5°	2224.2	2111.3	2005.4	1888.8	1775.9	1638.2	1482.8	1345.1	1207.4	1080.3	946.2
-45°	1927.7	1846.5	1761.7	1666.4	1567.6	1447.5	1320.4	1179.2	1080.3	967.4	854.4
-47.5°	1684.1	1624.1	1553.4	1479.3	1394.6	1288.7	1172.1	1069.8	967.4	872.0	762.6
-50°	1489.9	1433.4	1376.9	1313.4	1239.2	1147.4	1059.2	963.8	868.5	776.7	674.3
-52.5°	1327.5	1278.1	1232.2	1179.2	1108.6	1030.9	949.7	865.0	776.7	684.9	603.7
-55°	1214.5	1158.0	1112.1	1059.2	995.6	921.5	847.3	769.7	684.9	614.3	547.2
-57.5°	1122.7	1059.2	1006.2	949.7	886.2	822.6	755.5	684.9	621.4	554.3	490.7
-60°	1045.0	970.9	910.9	854.4	794.4	734.4	677.9	617.8	557.8	497.8	434.3
-62.5°	963.8	886.2	812.0	759.1	713.2	660.2	610.8	554.3	501.3	441.3	395.4
-65°	872.0	797.9	727.3	681.4	639.0	593.1	547.2	497.8	451.9	406.0	363.6
-67.5°	769.7	706.1	656.7	614.3	571.9	533.1	490.7	448.4	409.5	363.6	321.3
-70°	646.1	610.8	582.5	550.8	511.9	476.6	437.8	399.0	356.6	317.7	278.9
-72.5°	550.8	529.6	508.4	476.6	441.3	409.5	377.8	342.5	307.2	271.9	240.1
-75°	451.9	434.3	416.6	395.4	367.2	342.5	314.2	282.4	254.2	229.5	204.8
-77.5°	363.6	349.5	338.9	321.3	300.1	278.9	261.3	240.1	218.9	194.2	169.5
-80°	289.5	282.4	278.9	271.9	254.2	236.5	222.4	204.8	183.6	165.9	148.3
-82.5°	226.0	226.0	222.4	218.9	204.8	190.6	180.1	165.9	151.8	137.7	120.0
-85°	165.9	162.4	162.4	158.9	148.3	141.2	130.6	123.6	113.0	98.9	91.8
-87.5°	98.9	95.3	91.8	88.3	81.2	77.7	70.6	67.1	60.0	53.0	49.4
-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: P722651

CATALOG NUMBER: IFLD-L-SA8A-927-U-76-VI

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°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.0	0.0
85°	10.6	7.1	7.1	7.1	7.1	7.1	3.5	3.5	3.5	3.5	3.5
82.5°	21.2	21.2	17.7	17.7	14.1	10.6	7.1	7.1	7.1	3.5	3.5
80°	31.8	31.8	31.8	28.2	24.7	17.7	14.1	10.6	7.1	3.5	3.5
77.5°	38.8	35.3	35.3	31.8	31.8	28.2	21.2	17.7	10.6	7.1	3.5
75°	38.8	38.8	38.8	35.3	35.3	31.8	28.2	21.2	17.7	10.6	7.1
72.5°	42.4	38.8	38.8	38.8	35.3	31.8	28.2	24.7	21.2	14.1	7.1
70°	38.8	38.8	38.8	38.8	35.3	35.3	28.2	24.7	24.7	14.1	10.6
67.5°	38.8	38.8	38.8	35.3	35.3	31.8	28.2	24.7	24.7	17.7	10.6
65°	42.4	38.8	38.8	38.8	35.3	31.8	28.2	24.7	24.7	21.2	14.1
62.5°	45.9	42.4	42.4	38.8	35.3	31.8	28.2	24.7	24.7	21.2	14.1
60°	49.4	45.9	42.4	42.4	38.8	35.3	28.2	28.2	24.7	21.2	14.1
57.5°	53.0	49.4	49.4	45.9	42.4	38.8	31.8	28.2	24.7	21.2	17.7
55°	63.5	56.5	53.0	53.0	49.4	42.4	35.3	28.2	24.7	21.2	17.7
52.5°	84.7	67.1	60.0	60.0	56.5	49.4	38.8	31.8	24.7	21.2	17.7
50°	134.2	84.7	70.6	63.5	63.5	56.5	45.9	35.3	24.7	21.2	17.7
47.5°	211.8	141.2	84.7	74.1	70.6	67.1	53.0	35.3	28.2	21.2	17.7
45°	349.5	208.3	137.7	88.3	74.1	70.6	60.0	38.8	28.2	24.7	17.7
42.5°	480.2	324.8	211.8	105.9	88.3	77.7	63.5	42.4	31.8	24.7	17.7
40°	755.5	444.8	296.6	173.0	102.4	81.2	70.6	49.4	31.8	24.7	17.7
37.5°	1023.9	589.6	399.0	254.2	116.5	91.8	74.1	53.0	35.3	24.7	21.2
35°	1292.2	826.1	494.3	338.9	155.3	109.4	77.7	56.5	35.3	24.7	21.2
32.5°	1532.3	1048.6	593.1	423.7	233.0	130.6	84.7	60.0	38.8	28.2	21.2
30°	1730.0	1253.3	769.7	497.8	303.6	158.9	91.8	60.0	42.4	28.2	21.2
27.5°	1878.3	1412.2	949.7	575.5	363.6	187.1	105.9	67.1	42.4	28.2	21.2
25°	1998.3	1535.8	1108.6	656.7	416.6	233.0	127.1	70.6	45.9	31.8	21.2
22.5°	2093.6	1638.2	1239.2	766.1	480.2	278.9	155.3	77.7	45.9	31.8	21.2
20°	2224.2	1740.6	1327.5	882.6	547.2	321.3	180.1	84.7	45.9	31.8	24.7
17.5°	2337.2	1842.9	1398.1	981.5	614.3	353.1	208.3	91.8	49.4	31.8	24.7
15°	2467.9	1941.8	1461.6	1059.2	677.9	381.3	233.0	98.9	49.4	35.3	24.7
12.5°	2609.1	2033.6	1507.5	1122.7	744.9	406.0	254.2	113.0	53.0	35.3	24.7
10°	2753.8	2111.3	1546.4	1168.6	794.4	430.7	268.3	127.1	56.5	35.3	24.7
7.5°	2898.6	2181.9	1595.8	1189.8	815.6	459.0	275.4	141.2	56.5	38.8	24.7
5°	2997.4	2227.8	1666.4	1203.9	826.1	490.7	286.0	158.9	60.0	38.8	24.7
2.5°	3082.2	2256.0	1740.6	1214.5	829.7	508.4	282.4	169.5	63.5	38.8	24.7
0°	3121.0	2256.0	1790.0	1207.4	819.1	526.1	282.4	180.1	63.5	38.8	24.7
-2.5°	3061.0	2319.6	1775.9	1211.0	822.6	526.1	296.6	183.6	70.6	42.4	24.7
-5°	2965.7	2344.3	1733.5	1193.3	815.6	526.1	314.2	187.1	74.1	42.4	28.2
-7.5°	2873.9	2354.9	1684.1	1175.7	805.0	511.9	317.7	183.6	81.2	45.9	28.2
-10°	2753.8	2238.4	1620.5	1143.9	783.8	501.3	324.8	183.6	84.7	45.9	28.2
-12.5°	2616.1	2097.1	1542.9	1098.0	759.1	490.7	328.3	183.6	88.3	49.4	28.2
-15°	2457.3	1952.4	1454.6	1048.6	723.8	476.6	321.3	180.1	91.8	49.4	31.8
-17.5°	2277.2	1811.2	1362.8	988.6	684.9	459.0	307.2	176.5	91.8	49.4	31.8
-20°	2072.4	1670.0	1260.4	928.5	639.0	437.8	293.0	169.5	91.8	49.4	31.8

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CATALOG NUMBER: IFLD-L-SA8A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1888.8	1539.3	1154.5	861.5	589.6	413.1	275.4	162.4	91.8	53.0	31.8
-25°	1737.0	1412.2	1073.3	794.4	536.6	384.8	257.7	155.3	91.8	53.0	31.8
-27.5°	1578.2	1274.5	988.6	730.8	501.3	360.1	240.1	148.3	88.3	53.0	31.8
-30°	1415.8	1140.4	900.3	660.2	466.0	335.4	226.0	137.7	88.3	53.0	31.8
-32.5°	1267.5	1030.9	819.1	589.6	427.2	310.7	211.8	134.2	84.7	53.0	31.8
-35°	1122.7	932.1	734.4	533.1	384.8	286.0	197.7	130.6	84.7	53.0	31.8
-37.5°	1002.7	840.3	656.7	494.3	360.1	264.8	183.6	123.6	81.2	53.0	31.8
-40°	903.8	755.5	582.5	451.9	338.9	243.6	169.5	120.0	81.2	53.0	31.8
-42.5°	812.0	674.3	536.6	416.6	317.7	229.5	158.9	116.5	77.7	53.0	31.8
-45°	730.8	603.7	490.7	384.8	293.0	211.8	151.8	109.4	74.1	53.0	35.3
-47.5°	649.6	554.3	448.4	356.6	268.3	190.6	144.8	105.9	70.6	49.4	35.3
-50°	586.1	501.3	413.1	324.8	243.6	183.6	137.7	98.9	70.6	49.4	35.3
-52.5°	529.6	451.9	374.2	293.0	222.4	173.0	130.6	91.8	67.1	49.4	35.3
-55°	476.6	406.0	335.4	261.3	208.3	162.4	120.0	84.7	67.1	49.4	35.3
-57.5°	423.7	363.6	296.6	236.5	190.6	151.8	113.0	84.7	67.1	49.4	35.3
-60°	381.3	324.8	268.3	218.9	176.5	137.7	102.4	81.2	63.5	49.4	35.3
-62.5°	346.0	293.0	243.6	197.7	162.4	123.6	98.9	81.2	63.5	49.4	31.8
-65°	310.7	264.8	218.9	180.1	144.8	116.5	95.3	77.7	63.5	49.4	31.8
-67.5°	275.4	233.0	197.7	158.9	134.2	113.0	91.8	77.7	60.0	45.9	31.8
-70°	240.1	204.8	173.0	148.3	127.1	105.9	88.3	74.1	60.0	42.4	28.2
-72.5°	211.8	180.1	155.3	137.7	120.0	102.4	84.7	70.6	56.5	38.8	24.7
-75°	180.1	158.9	141.2	123.6	109.4	95.3	81.2	63.5	49.4	35.3	24.7
-77.5°	151.8	137.7	123.6	113.0	98.9	84.7	70.6	56.5	45.9	31.8	21.2
-80°	130.6	120.0	109.4	98.9	88.3	74.1	63.5	49.4	38.8	28.2	17.7
-82.5°	105.9	98.9	88.3	81.2	74.1	63.5	53.0	42.4	28.2	21.2	14.1
-85°	81.2	74.1	70.6	63.5	56.5	45.9	35.3	28.2	21.2	14.1	7.1
-87.5°	42.4	38.8	35.3	31.8	28.2	21.2	17.7	14.1	10.6	7.1	3.5
-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: P722651

CATALOG NUMBER: IFLD-L-SA8A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.5	0.0	0.0	0.0
77.5°	3.5	0.0	0.0	0.0
75°	3.5	3.5	0.0	0.0
72.5°	3.5	3.5	0.0	0.0
70°	3.5	3.5	0.0	0.0
67.5°	7.1	3.5	0.0	0.0
65°	7.1	3.5	0.0	0.0
62.5°	7.1	3.5	0.0	0.0
60°	7.1	3.5	0.0	0.0
57.5°	10.6	3.5	3.5	0.0
55°	10.6	3.5	3.5	0.0
52.5°	10.6	3.5	3.5	0.0
50°	10.6	7.1	3.5	0.0
47.5°	10.6	7.1	3.5	0.0
45°	10.6	7.1	3.5	0.0
42.5°	10.6	7.1	3.5	0.0
40°	14.1	7.1	3.5	0.0
37.5°	14.1	7.1	3.5	0.0
35°	14.1	7.1	3.5	0.0
32.5°	14.1	7.1	3.5	0.0
30°	14.1	7.1	3.5	0.0
27.5°	14.1	10.6	3.5	0.0
25°	14.1	10.6	3.5	0.0
22.5°	17.7	10.6	3.5	0.0
20°	17.7	10.6	3.5	0.0
17.5°	17.7	10.6	3.5	0.0
15°	17.7	10.6	3.5	0.0
12.5°	17.7	10.6	3.5	0.0
10°	17.7	10.6	3.5	0.0
7.5°	17.7	10.6	3.5	0.0
5°	17.7	10.6	3.5	0.0
2.5°	17.7	10.6	3.5	0.0
0°	17.7	10.6	3.5	0.0
-2.5°	17.7	10.6	3.5	0.0
-5°	17.7	10.6	3.5	0.0
-7.5°	17.7	10.6	3.5	0.0
-10°	17.7	10.6	3.5	0.0
-12.5°	21.2	10.6	3.5	0.0
-15°	21.2	10.6	3.5	0.0
-17.5°	21.2	10.6	3.5	0.0
-20°	21.2	10.6	3.5	0.0

REPORT NUMBER: P722651

CATALOG NUMBER: IFLD-L-SA8A-927-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	21.2	10.6	3.5	0.0
-25°	21.2	10.6	3.5	0.0
-27.5°	21.2	10.6	3.5	0.0
-30°	21.2	10.6	3.5	0.0
-32.5°	21.2	10.6	3.5	0.0
-35°	21.2	10.6	3.5	0.0
-37.5°	21.2	10.6	3.5	0.0
-40°	21.2	10.6	3.5	0.0
-42.5°	17.7	10.6	3.5	0.0
-45°	21.2	10.6	3.5	0.0
-47.5°	21.2	10.6	3.5	0.0
-50°	21.2	10.6	3.5	0.0
-52.5°	21.2	10.6	3.5	0.0
-55°	21.2	10.6	3.5	0.0
-57.5°	21.2	10.6	3.5	0.0
-60°	21.2	10.6	3.5	0.0
-62.5°	17.7	10.6	3.5	0.0
-65°	17.7	7.1	3.5	0.0
-67.5°	17.7	7.1	3.5	0.0
-70°	17.7	7.1	3.5	0.0
-72.5°	14.1	7.1	3.5	0.0
-75°	14.1	7.1	3.5	0.0
-77.5°	10.6	3.5	0.0	0.0
-80°	10.6	3.5	0.0	0.0
-82.5°	7.1	3.5	0.0	0.0
-85°	3.5	3.5	0.0	0.0
-87.5°	3.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)