

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: P722733

Luminaire Tested: **IFLD-L-SA7A-940-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722733
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-940-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23127.3 lumens	Max Intensity:	16145.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	106.3 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:	14754.2 lumens	Field Lumens:	21803.9 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

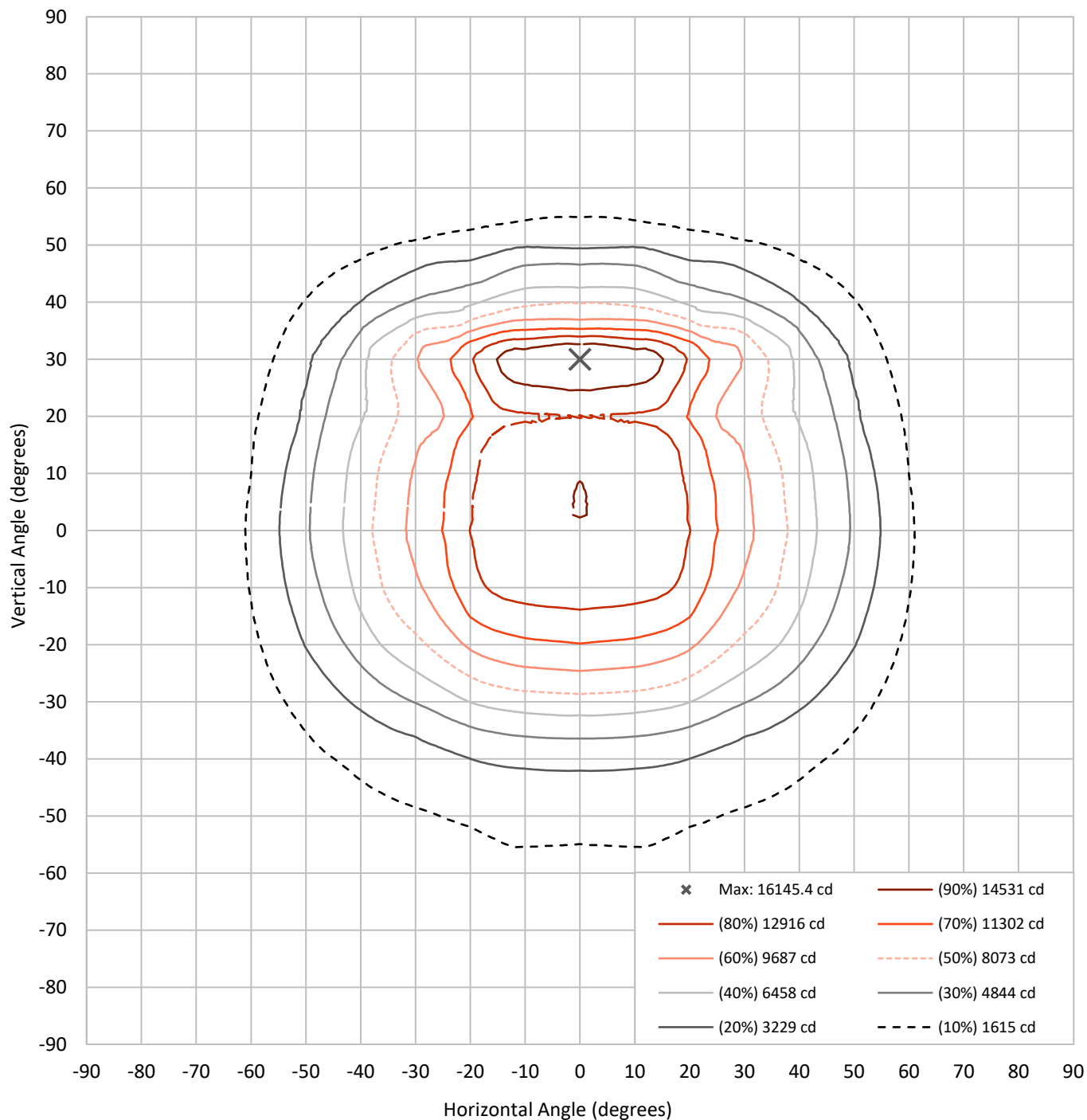
Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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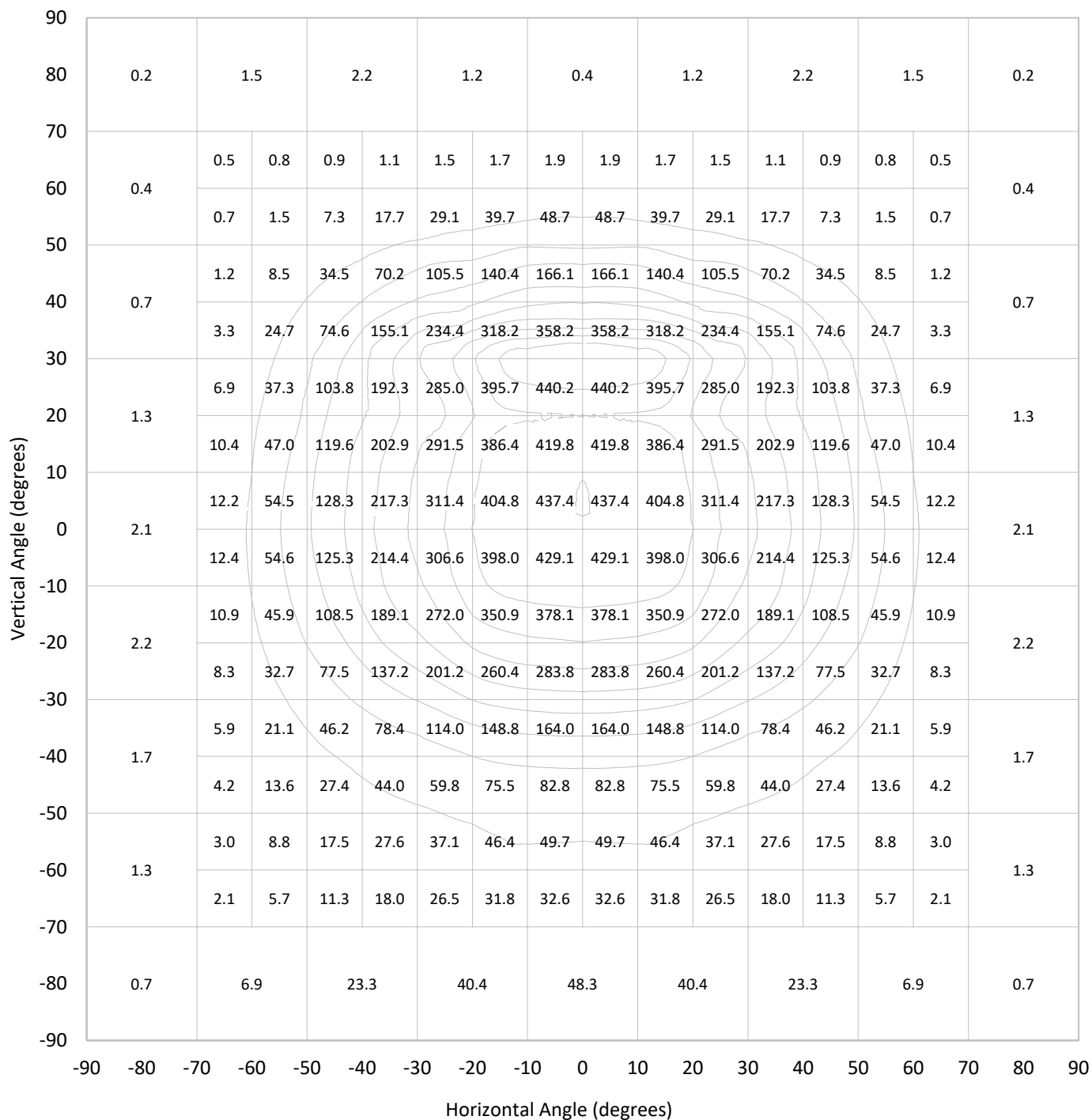
Iso-Candela Plot



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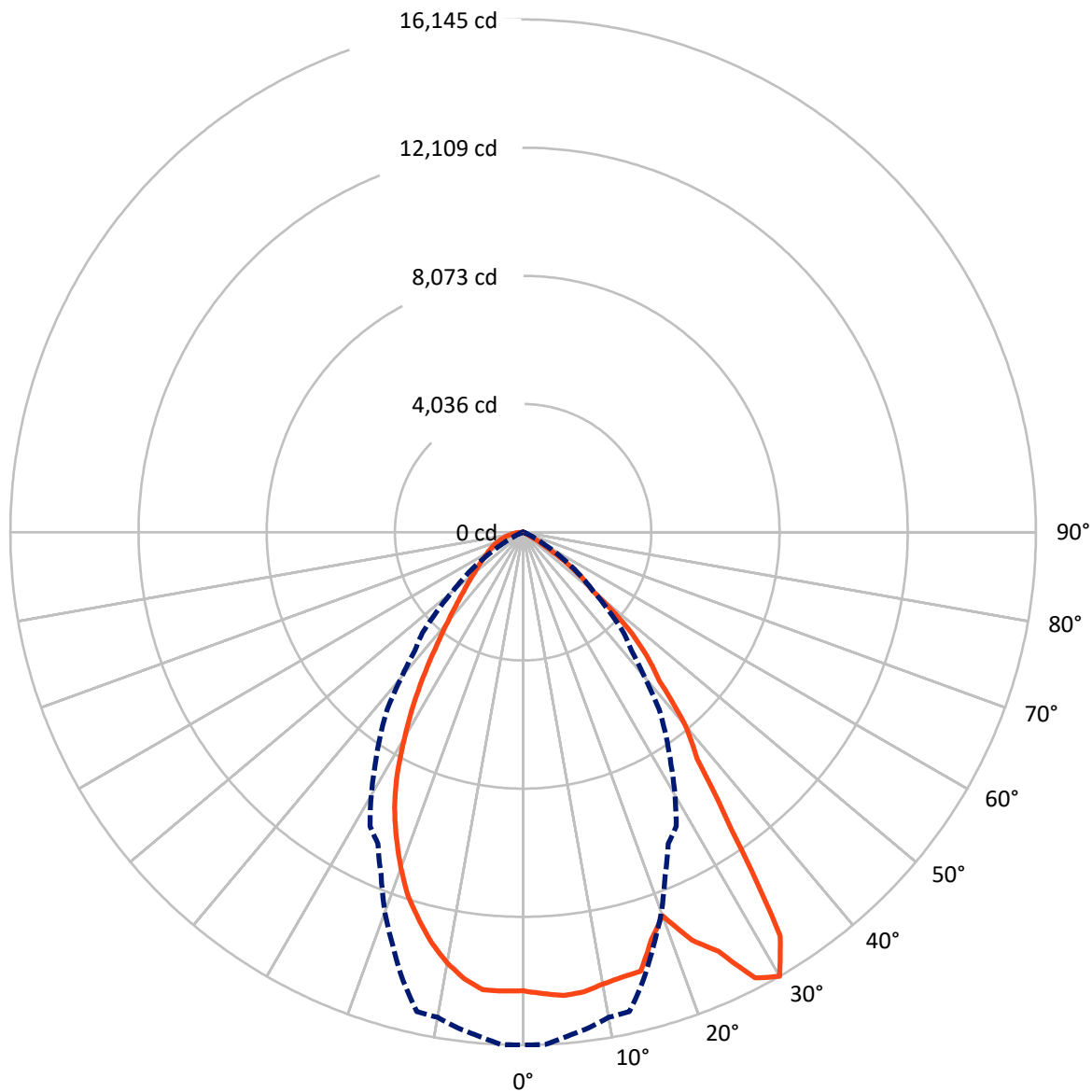
Lumen Table



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Luminous Intensity Polar Plot



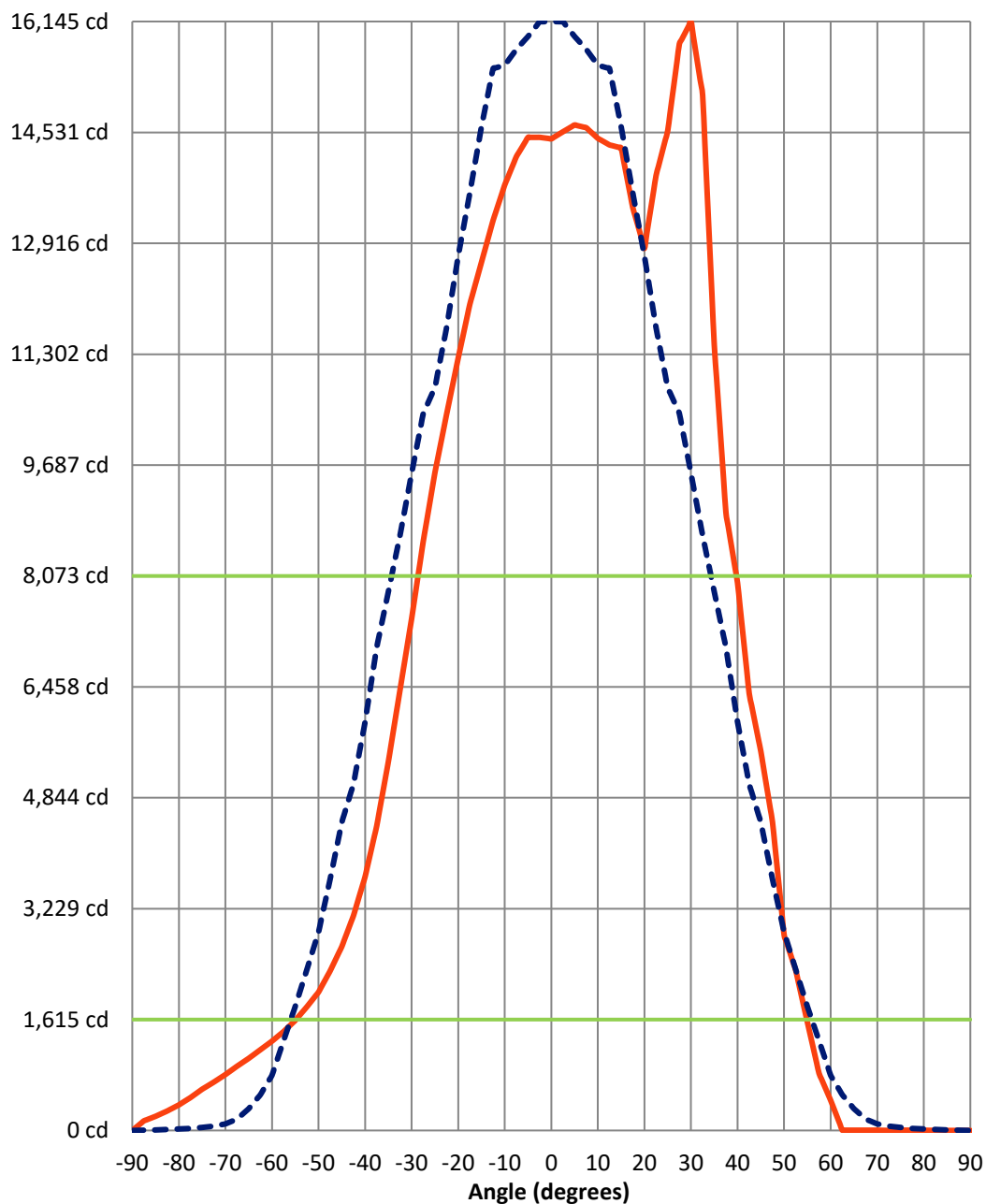
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14754.2

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21803.9

Efficiency: 94.3%

Spill:

Lumens: 1323.4

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	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	7.4	7.4	11.0
82.5°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	11.0	11.0	14.7
80°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7
77.5°	3.7	3.7	3.7	7.4	7.4	7.4	11.0	11.0	14.7	14.7	18.4
75°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	18.4
72.5°	0.0	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
70°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	11.0	14.7	14.7	14.7
67.5°	3.7	3.7	3.7	7.4	7.4	11.0	11.0	14.7	14.7	14.7	18.4
65°	3.7	3.7	3.7	7.4	11.0	11.0	14.7	18.4	18.4	22.1	25.8
62.5°	3.7	7.4	7.4	11.0	14.7	18.4	40.5	62.6	62.6	44.2	36.8
60°	438.2	475.0	471.3	427.1	371.9	313.0	301.9	290.9	268.8	235.6	246.7
57.5°	832.1	876.3	894.7	883.7	854.2	802.7	773.2	740.1	695.9	644.3	585.4
55°	1575.9	1594.3	1553.8	1476.5	1391.8	1307.1	1277.6	1233.5	1167.2	1100.9	1012.5
52.5°	2330.7	2393.3	2374.9	2297.5	2183.4	2032.4	1866.8	1737.9	1660.6	1586.9	1498.6
50°	2846.2	2871.9	2923.5	3015.5	3048.7	2945.6	2676.8	2330.7	2084.0	2209.2	2113.5
47.5°	4492.0	4620.9	4595.1	4528.8	4418.4	4138.5	3763.0	3453.7	3196.0	3111.3	3126.0
45°	5519.3	5570.8	5552.4	5523.0	5471.4	5210.0	4793.9	4319.0	4079.6	3983.9	3884.5
42.5°	6362.4	6417.7	6428.7	6432.4	6377.2	6137.8	5762.3	5287.3	5048.0	4771.8	4554.6
40°	7971.5	8052.5	7960.4	7838.9	7654.8	7382.4	7014.2	6576.0	6152.6	5813.8	5556.1
37.5°	8998.7	9098.1	9135.0	9127.6	9087.1	8969.3	8516.4	8100.3	7452.3	6693.8	6830.1
35°	11436.2	11539.3	11509.8	11399.4	11340.5	11215.3	10773.4	10280.1	9466.3	8641.6	8420.7
32.5°	15070.3	15294.9	14875.2	14414.9	14131.4	14230.8	13781.6	12573.9	12198.4	10710.9	10022.3
30°	16145.4	16141.8	15928.2	15740.4	15508.5	15460.6	14613.7	13649.1	12728.6	11686.6	10817.6
27.5°	15817.7	15751.5	15571.1	15434.8	15217.6	15103.4	14275.0	13509.1	12445.1	11513.5	10674.0
25°	14554.8	14606.4	14422.3	14396.5	14311.8	14090.9	13678.5	12816.9	11867.0	10836.0	10232.2
22.5°	13903.1	13884.7	13663.8	13534.9	13638.0	13402.4	13236.7	12367.7	11377.3	10508.3	9783.0
20°	12842.7	12846.4	12791.2	12780.1	12717.5	12610.7	12478.2	11863.3	11163.7	10420.0	9547.3
17.5°	13435.5	13586.5	13652.7	13104.1	13258.8	13137.3	12997.4	12139.5	11612.9	10953.9	9816.1
15°	14304.5	14249.2	14182.9	14153.5	14068.8	13954.7	13700.6	13015.8	12110.0	11428.8	10541.5
12.5°	14348.6	14241.9	14216.1	14212.4	14124.0	13965.7	13719.0	13152.0	12349.3	11520.9	10799.2
10°	14444.4	14333.9	14319.2	14337.6	14201.4	14101.9	13855.3	13328.7	12423.0	11679.2	10998.0
7.5°	14599.0	14414.9	14499.6	14444.4	14381.8	14223.5	13958.3	13442.9	12691.8	11889.1	11174.8
5°	14639.5	14437.0	14529.1	14477.5	14385.5	14230.8	13943.6	13516.5	12857.4	11973.8	11244.7
2.5°	14540.1	14481.2	14440.7	14345.0	14304.5	14135.1	13862.6	13406.1	12780.1	11936.9	11230.0
0°	14437.0	14488.6	14396.5	14300.8	14282.4	14146.1	13914.2	13501.8	12960.5	12040.0	11355.2
-2.5°	14459.1	14418.6	14356.0	14256.6	14160.9	13965.7	13755.8	13369.2	12787.5	11815.4	11178.5
-5°	14459.1	14271.3	14278.7	14282.4	14186.6	13984.1	13730.1	13402.4	12684.4	11811.8	11126.9
-7.5°	14179.3	14017.3	13991.5	13969.4	13943.6	13755.8	13557.0	13148.3	12511.3	11716.0	10983.3
-10°	13766.9	13608.6	13623.3	13590.2	13509.1	13384.0	13233.0	12864.8	12342.0	11414.1	10692.4
-12.5°	13251.4	13181.5	13141.0	13085.7	13004.7	12894.3	12739.6	12393.5	11833.9	11042.2	10357.4
-15°	12640.2	12588.7	12551.8	12518.7	12400.9	12286.7	12084.2	11763.9	11414.1	10563.6	9864.0
-17.5°	12029.0	11900.1	11848.6	11804.4	11727.1	11543.0	11358.9	11119.5	10629.8	9956.0	9355.9
-20°	11244.7	11167.4	11104.8	11045.9	10935.5	10791.9	10640.9	10364.7	9941.3	9396.4	8774.1

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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°	10423.7	10379.5	10327.9	10254.3	10180.6	10044.4	9834.5	9569.4	9238.1	8648.9	8067.2
-25°	9576.8	9492.1	9429.5	9359.6	9300.7	9175.5	8973.0	8718.9	8302.8	7794.7	7308.7
-27.5°	8579.0	8498.0	8464.8	8383.8	8332.3	8218.2	8015.6	7780.0	7404.4	6977.3	6483.9
-30°	7452.3	7467.0	7430.2	7352.9	7290.3	7143.0	6988.4	6789.6	6495.0	6086.3	5644.5
-32.5°	6410.3	6428.7	6384.5	6303.5	6222.5	6115.8	5972.2	5791.7	5570.8	5180.5	4797.6
-35°	5368.3	5360.9	5324.1	5276.3	5221.0	5132.7	4970.7	4834.4	4580.4	4307.9	4042.8
-37.5°	4433.1	4451.5	4440.5	4414.7	4352.1	4278.4	4145.9	4020.7	3832.9	3593.6	3387.4
-40°	3693.0	3715.1	3700.4	3674.6	3619.4	3575.2	3486.8	3376.4	3225.4	3019.2	2846.2
-42.5°	3126.0	3140.7	3122.3	3100.2	3052.4	3019.2	2949.3	2857.2	2732.0	2573.7	2419.1
-45°	2676.8	2680.5	2662.1	2647.3	2610.5	2570.0	2511.1	2437.5	2338.1	2227.6	2102.4
-47.5°	2323.3	2319.6	2301.2	2286.5	2257.0	2220.2	2172.4	2106.1	2028.8	1944.1	1844.7
-50°	2014.0	2032.4	2025.1	2010.4	1988.3	1962.5	1914.6	1844.7	1767.3	1704.8	1634.8
-52.5°	1800.5	1804.2	1800.5	1800.5	1796.8	1778.4	1723.2	1653.2	1568.5	1513.3	1454.4
-55°	1601.7	1620.1	1627.4	1634.8	1638.5	1638.5	1572.2	1498.6	1417.6	1362.3	1318.1
-57.5°	1439.7	1450.7	1458.1	1476.5	1491.2	1502.2	1443.3	1377.1	1314.5	1262.9	1222.4
-60°	1299.7	1314.5	1325.5	1343.9	1355.0	1362.3	1325.5	1281.3	1244.5	1211.4	1152.5
-62.5°	1174.5	1185.6	1196.6	1207.7	1218.7	1226.1	1211.4	1189.3	1170.9	1156.1	1082.5
-65°	1049.4	1060.4	1071.5	1086.2	1097.2	1104.6	1100.9	1086.2	1071.5	1056.7	990.4
-67.5°	935.2	946.3	961.0	964.7	972.0	975.7	968.4	957.3	938.9	920.5	868.9
-70°	813.7	821.1	828.4	828.4	828.4	824.8	817.4	802.7	784.3	758.5	718.0
-72.5°	703.3	710.6	718.0	706.9	699.6	688.5	677.5	659.1	640.7	622.3	600.2
-75°	600.2	603.8	603.8	589.1	578.1	567.0	552.3	541.2	522.8	508.1	489.7
-77.5°	478.7	478.7	478.7	467.6	460.2	452.9	441.8	430.8	416.1	405.0	390.3
-80°	371.9	371.9	371.9	368.2	357.2	349.8	342.4	335.1	324.0	316.6	309.3
-82.5°	283.5	283.5	283.5	279.8	272.5	268.8	261.4	254.1	250.4	243.0	239.3
-85°	206.2	209.9	209.9	206.2	202.5	195.1	191.5	187.8	184.1	180.4	173.1
-87.5°	139.9	139.9	139.9	136.2	132.6	132.6	128.9	121.5	114.1	110.5	106.8
-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.0	11.0	11.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	11.0
82.5°	18.4	18.4	22.1	22.1	25.8	25.8	25.8	25.8	25.8	25.8	25.8
80°	18.4	22.1	25.8	29.5	33.1	36.8	36.8	36.8	36.8	33.1	33.1
77.5°	22.1	22.1	25.8	29.5	33.1	36.8	40.5	44.2	40.5	40.5	40.5
75°	22.1	25.8	25.8	29.5	33.1	36.8	40.5	44.2	44.2	44.2	44.2
72.5°	18.4	22.1	25.8	29.5	29.5	33.1	36.8	36.8	40.5	40.5	44.2
70°	18.4	22.1	25.8	25.8	29.5	29.5	33.1	36.8	36.8	40.5	40.5
67.5°	22.1	25.8	25.8	29.5	33.1	33.1	33.1	36.8	36.8	40.5	40.5
65°	25.8	29.5	29.5	33.1	36.8	36.8	40.5	40.5	40.5	44.2	44.2
62.5°	44.2	44.2	44.2	40.5	44.2	44.2	44.2	47.9	47.9	44.2	47.9
60°	228.3	165.7	114.1	143.6	128.9	58.9	58.9	58.9	55.2	55.2	51.5
57.5°	537.6	500.7	430.8	364.5	327.7	290.9	180.4	73.6	73.6	66.3	58.9
55°	898.4	776.9	725.3	637.0	541.2	497.1	412.4	279.8	132.6	88.4	77.3
52.5°	1391.8	1277.6	1145.1	964.7	835.8	732.7	662.8	526.5	353.5	187.8	117.8
50°	1863.1	1811.5	1730.5	1553.8	1285.0	1112.0	997.8	843.2	633.3	386.6	220.9
47.5°	3000.8	2570.0	2308.6	2172.4	1947.8	1620.1	1399.1	1226.1	972.0	651.7	390.3
45°	3777.7	3505.2	3089.2	2802.0	2470.6	2124.5	1837.3	1638.5	1336.6	975.7	611.2
42.5°	4444.1	4208.5	3832.9	3413.2	3063.4	2610.5	2242.3	1980.9	1726.8	1332.9	913.1
40°	5302.0	5022.2	4661.4	4252.7	3844.0	3265.9	2669.4	2352.8	2072.9	1723.2	1233.5
37.5°	6715.9	6222.5	5633.4	5180.5	4646.6	4156.9	3339.5	2779.9	2448.5	2084.0	1609.0
35°	8417.0	7875.7	6892.6	6292.5	5578.2	4849.2	4112.8	3284.3	2813.0	2426.4	1955.1
32.5°	10000.2	9208.6	7949.4	7246.1	6771.1	5427.2	4665.1	3947.1	3188.6	2713.6	2154.0
30°	10438.4	9565.8	8663.7	7842.6	7032.6	5946.4	5044.3	4484.6	3659.9	2886.7	2341.7
27.5°	9996.5	9396.4	8696.8	7934.6	7058.3	6126.8	5276.3	4742.4	4006.0	3004.5	2489.0
25°	9547.3	8921.4	8431.7	7794.7	6984.7	6115.8	5283.6	4904.4	4274.8	3232.8	2570.0
22.5°	9072.4	8682.1	8277.1	7566.4	6800.6	6148.9	5523.0	5044.3	4414.7	3490.5	2603.2
20°	9098.1	8844.1	8398.6	7448.6	6767.5	6344.0	5810.1	5221.0	4565.6	3715.1	2628.9
17.5°	9510.5	9179.2	8619.5	7794.7	7065.7	6542.9	6049.5	5464.0	4720.3	3913.9	2941.9
15°	10018.6	9514.2	8928.8	8203.4	7378.7	6760.1	6233.6	5633.4	4897.0	4098.0	3221.7
12.5°	10386.8	9668.9	9120.2	8464.8	7717.4	6995.7	6355.1	5762.3	5062.7	4249.0	3431.6
10°	10512.0	9860.3	9212.3	8626.9	7890.5	7120.9	6447.1	5843.3	5206.3	4366.8	3586.2
7.5°	10578.3	10026.0	9274.9	8700.5	7993.6	7198.3	6520.8	5887.5	5320.4	4447.8	3685.7
5°	10570.9	10114.4	9322.7	8722.6	8048.8	7231.4	6572.3	5898.5	5401.5	4517.8	3744.6
2.5°	10537.8	10173.3	9400.1	8759.4	8159.2	7294.0	6671.7	5920.6	5430.9	4595.1	3785.1
0°	10659.3	10177.0	9481.1	8770.5	8232.9	7316.1	6715.9	5902.2	5390.4	4617.2	3781.4
-2.5°	10397.9	9959.7	9462.7	8674.7	8133.5	7264.5	6634.9	5843.3	5302.0	4591.4	3766.7
-5°	10353.7	9801.4	9308.0	8586.4	7967.8	7157.7	6483.9	5732.8	5162.1	4506.7	3707.7
-7.5°	10235.9	9650.4	9157.1	8516.4	7813.1	7047.3	6340.4	5618.7	5011.2	4374.2	3623.1
-10°	9978.1	9418.5	8995.1	8365.4	7625.4	6889.0	6167.3	5467.7	4834.4	4193.8	3490.5
-12.5°	9609.9	9050.3	8630.5	8045.1	7389.7	6675.4	5961.1	5272.6	4631.9	4002.3	3332.2
-15°	9193.9	8626.9	8207.1	7673.2	7039.9	6344.0	5699.7	5025.9	4400.0	3799.8	3144.4
-17.5°	8722.6	8185.0	7780.0	7260.8	6631.2	5968.5	5327.8	4716.6	4131.2	3589.9	2927.2
-20°	8177.7	7654.8	7282.9	6763.8	6185.7	5541.4	4919.1	4341.0	3814.5	3306.4	2687.8



REPORT NUMBER: P722733

CATALOG NUMBER: IFLD-L-SA7A-940-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°	7503.9	7043.6	6620.2	6156.3	5651.8	5062.7	4484.6	3972.8	3468.4	2971.3	2441.1
-25°	6815.3	6369.8	5957.4	5534.0	5051.7	4543.6	4050.2	3586.2	3092.9	2643.7	2201.8
-27.5°	6049.5	5651.8	5283.6	4893.3	4451.5	4013.3	3608.3	3155.4	2728.3	2345.4	1966.2
-30°	5232.1	4908.1	4587.7	4241.6	3884.5	3516.3	3155.4	2728.3	2393.3	2087.7	1767.3
-32.5°	4447.8	4156.9	3899.2	3641.5	3332.2	3030.3	2709.9	2393.3	2113.5	1844.7	1575.9
-35°	3759.3	3450.0	3306.4	3100.2	2853.5	2581.1	2319.6	2098.7	1874.1	1631.1	1391.8
-37.5°	3162.8	2964.0	2794.6	2640.0	2444.8	2209.2	2021.4	1841.0	1653.2	1432.3	1226.1
-40°	2695.2	2551.6	2382.2	2268.1	2109.8	1940.4	1752.6	1601.7	1443.3	1262.9	1093.5
-42.5°	2319.6	2201.8	2091.4	1969.9	1852.0	1708.4	1546.4	1402.8	1259.2	1126.7	986.8
-45°	2010.4	1925.7	1837.3	1737.9	1634.8	1509.6	1377.1	1229.8	1126.7	1008.9	891.0
-47.5°	1756.3	1693.7	1620.1	1542.7	1454.4	1343.9	1222.4	1115.6	1008.9	909.4	795.3
-50°	1553.8	1494.9	1436.0	1369.7	1292.4	1196.6	1104.6	1005.2	905.8	810.0	703.3
-52.5°	1384.4	1332.9	1285.0	1229.8	1156.1	1075.1	990.4	902.1	810.0	714.3	629.6
-55°	1266.6	1207.7	1159.8	1104.6	1038.3	961.0	883.7	802.7	714.3	640.7	570.7
-57.5°	1170.9	1104.6	1049.4	990.4	924.2	857.9	787.9	714.3	648.0	578.1	511.8
-60°	1089.9	1012.5	949.9	891.0	828.4	765.8	706.9	644.3	581.8	519.2	452.9
-62.5°	1005.2	924.2	846.9	791.6	743.8	688.5	637.0	578.1	522.8	460.2	412.4
-65°	909.4	832.1	758.5	710.6	666.4	618.6	570.7	519.2	471.3	423.4	379.2
-67.5°	802.7	736.4	684.8	640.7	596.5	556.0	511.8	467.6	427.1	379.2	335.1
-70°	673.8	637.0	607.5	574.4	533.9	497.1	456.6	416.1	371.9	331.4	290.9
-72.5°	574.4	552.3	530.2	497.1	460.2	427.1	394.0	357.2	320.3	283.5	250.4
-75°	471.3	452.9	434.5	412.4	382.9	357.2	327.7	294.6	265.1	239.3	213.6
-77.5°	379.2	364.5	353.5	335.1	313.0	290.9	272.5	250.4	228.3	202.5	176.7
-80°	301.9	294.6	290.9	283.5	265.1	246.7	232.0	213.6	191.5	173.1	154.6
-82.5°	235.6	235.6	232.0	228.3	213.6	198.8	187.8	173.1	158.3	143.6	125.2
-85°	173.1	169.4	169.4	165.7	154.6	147.3	136.2	128.9	117.8	103.1	95.7
-87.5°	103.1	99.4	95.7	92.0	84.7	81.0	73.6	70.0	62.6	55.2	51.5
-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: P722733

CATALOG NUMBER: IFLD-L-SA7A-940-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°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
85°	11.0	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
82.5°	22.1	22.1	18.4	18.4	14.7	11.0	7.4	7.4	7.4	3.7	3.7
80°	33.1	33.1	33.1	29.5	25.8	18.4	14.7	11.0	7.4	3.7	3.7
77.5°	40.5	36.8	36.8	33.1	33.1	29.5	22.1	18.4	11.0	7.4	3.7
75°	40.5	40.5	40.5	36.8	36.8	33.1	29.5	22.1	18.4	11.0	7.4
72.5°	44.2	40.5	40.5	40.5	36.8	33.1	29.5	25.8	22.1	14.7	7.4
70°	40.5	40.5	40.5	40.5	36.8	36.8	29.5	25.8	25.8	14.7	11.0
67.5°	40.5	40.5	40.5	36.8	36.8	33.1	29.5	25.8	25.8	18.4	11.0
65°	44.2	40.5	40.5	40.5	36.8	33.1	29.5	25.8	25.8	22.1	14.7
62.5°	47.9	44.2	44.2	40.5	36.8	33.1	29.5	25.8	25.8	22.1	14.7
60°	51.5	47.9	44.2	44.2	40.5	36.8	29.5	29.5	25.8	22.1	14.7
57.5°	55.2	51.5	51.5	47.9	44.2	40.5	33.1	29.5	25.8	22.1	18.4
55°	66.3	58.9	55.2	55.2	51.5	44.2	36.8	29.5	25.8	22.1	18.4
52.5°	88.4	70.0	62.6	62.6	58.9	51.5	40.5	33.1	25.8	22.1	18.4
50°	139.9	88.4	73.6	66.3	66.3	58.9	47.9	36.8	25.8	22.1	18.4
47.5°	220.9	147.3	88.4	77.3	73.6	70.0	55.2	36.8	29.5	22.1	18.4
45°	364.5	217.2	143.6	92.0	77.3	73.6	62.6	40.5	29.5	25.8	18.4
42.5°	500.7	338.7	220.9	110.5	92.0	81.0	66.3	44.2	33.1	25.8	18.4
40°	787.9	463.9	309.3	180.4	106.8	84.7	73.6	51.5	33.1	25.8	18.4
37.5°	1067.8	614.9	416.1	265.1	121.5	95.7	77.3	55.2	36.8	25.8	22.1
35°	1347.6	861.6	515.5	353.5	162.0	114.1	81.0	58.9	36.8	25.8	22.1
32.5°	1598.0	1093.5	618.6	441.8	243.0	136.2	88.4	62.6	40.5	29.5	22.1
30°	1804.2	1307.1	802.7	519.2	316.6	165.7	95.7	62.6	44.2	29.5	22.1
27.5°	1958.8	1472.8	990.4	600.2	379.2	195.1	110.5	70.0	44.2	29.5	22.1
25°	2084.0	1601.7	1156.1	684.8	434.5	243.0	132.6	73.6	47.9	33.1	22.1
22.5°	2183.4	1708.4	1292.4	799.0	500.7	290.9	162.0	81.0	47.9	33.1	22.1
20°	2319.6	1815.2	1384.4	920.5	570.7	335.1	187.8	88.4	47.9	33.1	25.8
17.5°	2437.5	1922.0	1458.1	1023.6	640.7	368.2	217.2	95.7	51.5	33.1	25.8
15°	2573.7	2025.1	1524.3	1104.6	706.9	397.7	243.0	103.1	51.5	36.8	25.8
12.5°	2721.0	2120.8	1572.2	1170.9	776.9	423.4	265.1	117.8	55.2	36.8	25.8
10°	2871.9	2201.8	1612.7	1218.7	828.4	449.2	279.8	132.6	58.9	36.8	25.8
7.5°	3022.9	2275.5	1664.3	1240.8	850.5	478.7	287.2	147.3	58.9	40.5	25.8
5°	3126.0	2323.3	1737.9	1255.6	861.6	511.8	298.2	165.7	62.6	40.5	25.8
2.5°	3214.4	2352.8	1815.2	1266.6	865.3	530.2	294.6	176.7	66.3	40.5	25.8
0°	3254.9	2352.8	1866.8	1259.2	854.2	548.6	294.6	187.8	66.3	40.5	25.8
-2.5°	3192.3	2419.1	1852.0	1262.9	857.9	548.6	309.3	191.5	73.6	44.2	25.8
-5°	3092.9	2444.8	1807.8	1244.5	850.5	548.6	327.7	195.1	77.3	44.2	29.5
-7.5°	2997.1	2455.9	1756.3	1226.1	839.5	533.9	331.4	191.5	84.7	47.9	29.5
-10°	2871.9	2334.4	1690.0	1193.0	817.4	522.8	338.7	191.5	88.4	47.9	29.5
-12.5°	2728.3	2187.1	1609.0	1145.1	791.6	511.8	342.4	191.5	92.0	51.5	29.5
-15°	2562.7	2036.1	1517.0	1093.5	754.8	497.1	335.1	187.8	95.7	51.5	33.1
-17.5°	2374.9	1888.9	1421.2	1031.0	714.3	478.7	320.3	184.1	95.7	51.5	33.1
-20°	2161.3	1741.6	1314.5	968.4	666.4	456.6	305.6	176.7	95.7	51.5	33.1



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CATALOG NUMBER: IFLD-L-SA7A-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1969.9	1605.3	1204.0	898.4	614.9	430.8	287.2	169.4	95.7	55.2	33.1
-25°	1811.5	1472.8	1119.3	828.4	559.7	401.3	268.8	162.0	95.7	55.2	33.1
-27.5°	1645.8	1329.2	1031.0	762.2	522.8	375.6	250.4	154.6	92.0	55.2	33.1
-30°	1476.5	1189.3	938.9	688.5	486.0	349.8	235.6	143.6	92.0	55.2	33.1
-32.5°	1321.8	1075.1	854.2	614.9	445.5	324.0	220.9	139.9	88.4	55.2	33.1
-35°	1170.9	972.0	765.8	556.0	401.3	298.2	206.2	136.2	88.4	55.2	33.1
-37.5°	1045.7	876.3	684.8	515.5	375.6	276.1	191.5	128.9	84.7	55.2	33.1
-40°	942.6	787.9	607.5	471.3	353.5	254.1	176.7	125.2	84.7	55.2	33.1
-42.5°	846.9	703.3	559.7	434.5	331.4	239.3	165.7	121.5	81.0	55.2	33.1
-45°	762.2	629.6	511.8	401.3	305.6	220.9	158.3	114.1	77.3	55.2	36.8
-47.5°	677.5	578.1	467.6	371.9	279.8	198.8	151.0	110.5	73.6	51.5	36.8
-50°	611.2	522.8	430.8	338.7	254.1	191.5	143.6	103.1	73.6	51.5	36.8
-52.5°	552.3	471.3	390.3	305.6	232.0	180.4	136.2	95.7	70.0	51.5	36.8
-55°	497.1	423.4	349.8	272.5	217.2	169.4	125.2	88.4	70.0	51.5	36.8
-57.5°	441.8	379.2	309.3	246.7	198.8	158.3	117.8	88.4	70.0	51.5	36.8
-60°	397.7	338.7	279.8	228.3	184.1	143.6	106.8	84.7	66.3	51.5	36.8
-62.5°	360.8	305.6	254.1	206.2	169.4	128.9	103.1	84.7	66.3	51.5	33.1
-65°	324.0	276.1	228.3	187.8	151.0	121.5	99.4	81.0	66.3	51.5	33.1
-67.5°	287.2	243.0	206.2	165.7	139.9	117.8	95.7	81.0	62.6	47.9	33.1
-70°	250.4	213.6	180.4	154.6	132.6	110.5	92.0	77.3	62.6	44.2	29.5
-72.5°	220.9	187.8	162.0	143.6	125.2	106.8	88.4	73.6	58.9	40.5	25.8
-75°	187.8	165.7	147.3	128.9	114.1	99.4	84.7	66.3	51.5	36.8	25.8
-77.5°	158.3	143.6	128.9	117.8	103.1	88.4	73.6	58.9	47.9	33.1	22.1
-80°	136.2	125.2	114.1	103.1	92.0	77.3	66.3	51.5	40.5	29.5	18.4
-82.5°	110.5	103.1	92.0	84.7	77.3	66.3	55.2	44.2	29.5	22.1	14.7
-85°	84.7	77.3	73.6	66.3	58.9	47.9	36.8	29.5	22.1	14.7	7.4
-87.5°	44.2	40.5	36.8	33.1	29.5	22.1	18.4	14.7	11.0	7.4	3.7
-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: P722733

CATALOG NUMBER: IFLD-L-SA7A-940-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°	3.7	0.0	0.0	0.0
77.5°	3.7	0.0	0.0	0.0
75°	3.7	3.7	0.0	0.0
72.5°	3.7	3.7	0.0	0.0
70°	3.7	3.7	0.0	0.0
67.5°	7.4	3.7	0.0	0.0
65°	7.4	3.7	0.0	0.0
62.5°	7.4	3.7	0.0	0.0
60°	7.4	3.7	0.0	0.0
57.5°	11.0	3.7	3.7	0.0
55°	11.0	3.7	3.7	0.0
52.5°	11.0	3.7	3.7	0.0
50°	11.0	7.4	3.7	0.0
47.5°	11.0	7.4	3.7	0.0
45°	11.0	7.4	3.7	0.0
42.5°	11.0	7.4	3.7	0.0
40°	14.7	7.4	3.7	0.0
37.5°	14.7	7.4	3.7	0.0
35°	14.7	7.4	3.7	0.0
32.5°	14.7	7.4	3.7	0.0
30°	14.7	7.4	3.7	0.0
27.5°	14.7	11.0	3.7	0.0
25°	14.7	11.0	3.7	0.0
22.5°	18.4	11.0	3.7	0.0
20°	18.4	11.0	3.7	0.0
17.5°	18.4	11.0	3.7	0.0
15°	18.4	11.0	3.7	0.0
12.5°	18.4	11.0	3.7	0.0
10°	18.4	11.0	3.7	0.0
7.5°	18.4	11.0	3.7	0.0
5°	18.4	11.0	3.7	0.0
2.5°	18.4	11.0	3.7	0.0
0°	18.4	11.0	3.7	0.0
-2.5°	18.4	11.0	3.7	0.0
-5°	18.4	11.0	3.7	0.0
-7.5°	18.4	11.0	3.7	0.0
-10°	18.4	11.0	3.7	0.0
-12.5°	22.1	11.0	3.7	0.0
-15°	22.1	11.0	3.7	0.0
-17.5°	22.1	11.0	3.7	0.0
-20°	22.1	11.0	3.7	0.0

REPORT NUMBER: P722733

CATALOG NUMBER: IFLD-L-SA7A-940-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.1	11.0	3.7	0.0
-25°	22.1	11.0	3.7	0.0
-27.5°	22.1	11.0	3.7	0.0
-30°	22.1	11.0	3.7	0.0
-32.5°	22.1	11.0	3.7	0.0
-35°	22.1	11.0	3.7	0.0
-37.5°	22.1	11.0	3.7	0.0
-40°	22.1	11.0	3.7	0.0
-42.5°	18.4	11.0	3.7	0.0
-45°	22.1	11.0	3.7	0.0
-47.5°	22.1	11.0	3.7	0.0
-50°	22.1	11.0	3.7	0.0
-52.5°	22.1	11.0	3.7	0.0
-55°	22.1	11.0	3.7	0.0
-57.5°	22.1	11.0	3.7	0.0
-60°	22.1	11.0	3.7	0.0
-62.5°	18.4	11.0	3.7	0.0
-65°	18.4	7.4	3.7	0.0
-67.5°	18.4	7.4	3.7	0.0
-70°	18.4	7.4	3.7	0.0
-72.5°	14.7	7.4	3.7	0.0
-75°	14.7	7.4	3.7	0.0
-77.5°	11.0	3.7	0.0	0.0
-80°	11.0	3.7	0.0	0.0
-82.5°	7.4	3.7	0.0	0.0
-85°	3.7	3.7	0.0	0.0
-87.5°	3.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)