

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: P722676

Luminaire Tested: **IFLD-L-SA7B-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722676
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23305.2 lumens	Max Intensity:	16269.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.9 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:	14867.7 lumens	Field Lumens:	21971.6 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

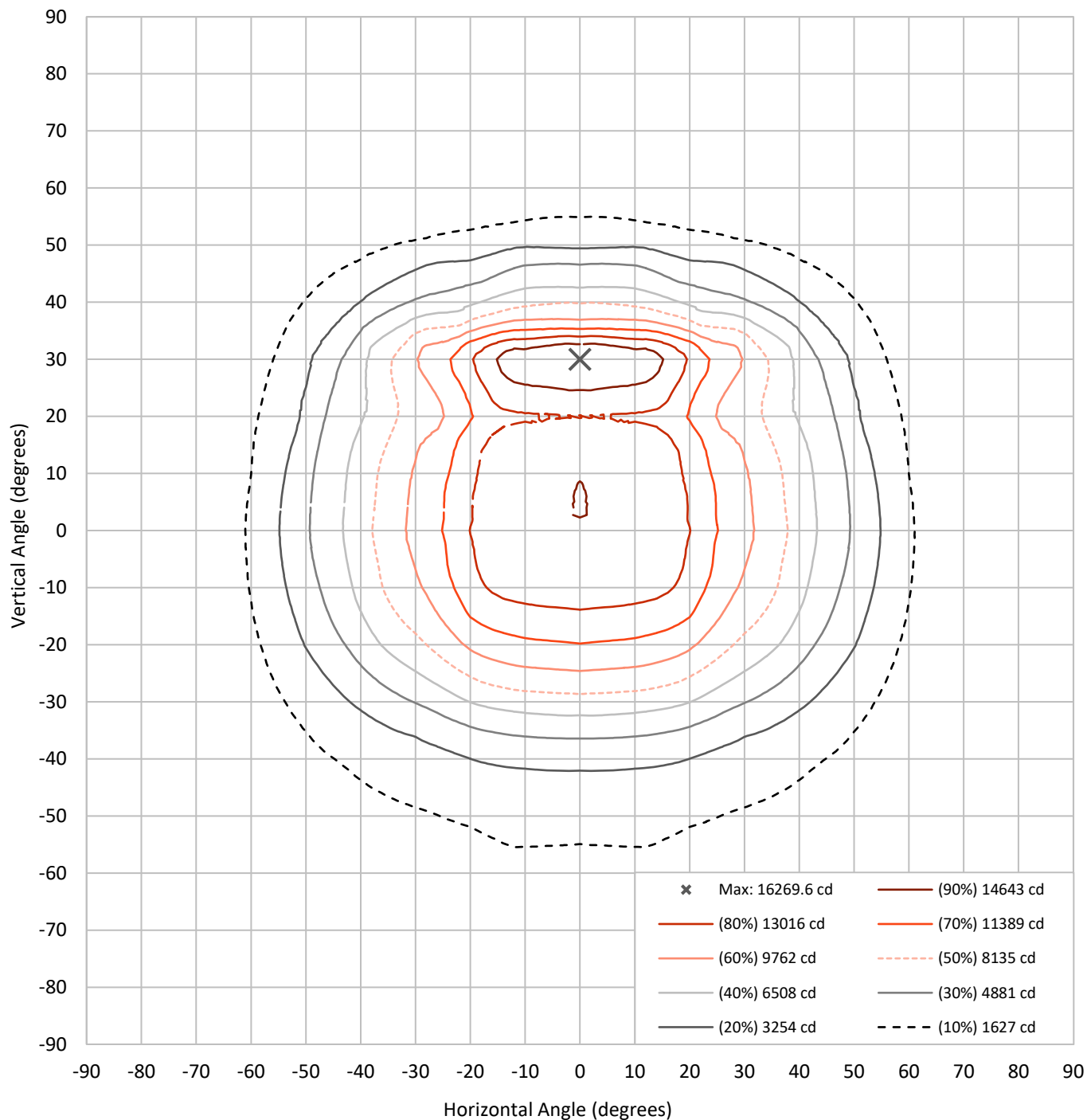
Input Watts (W): 281
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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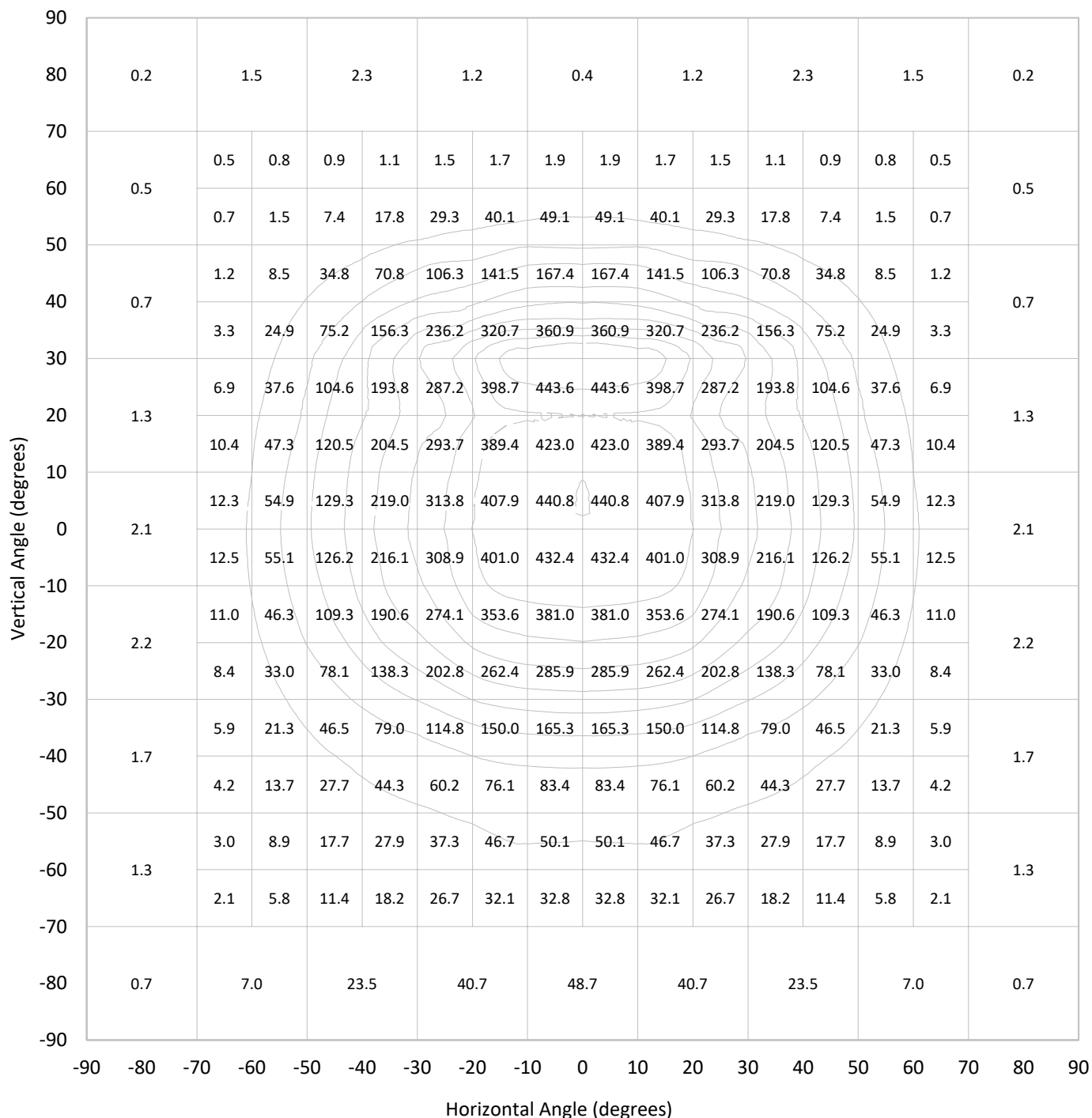
Iso-Candela Plot



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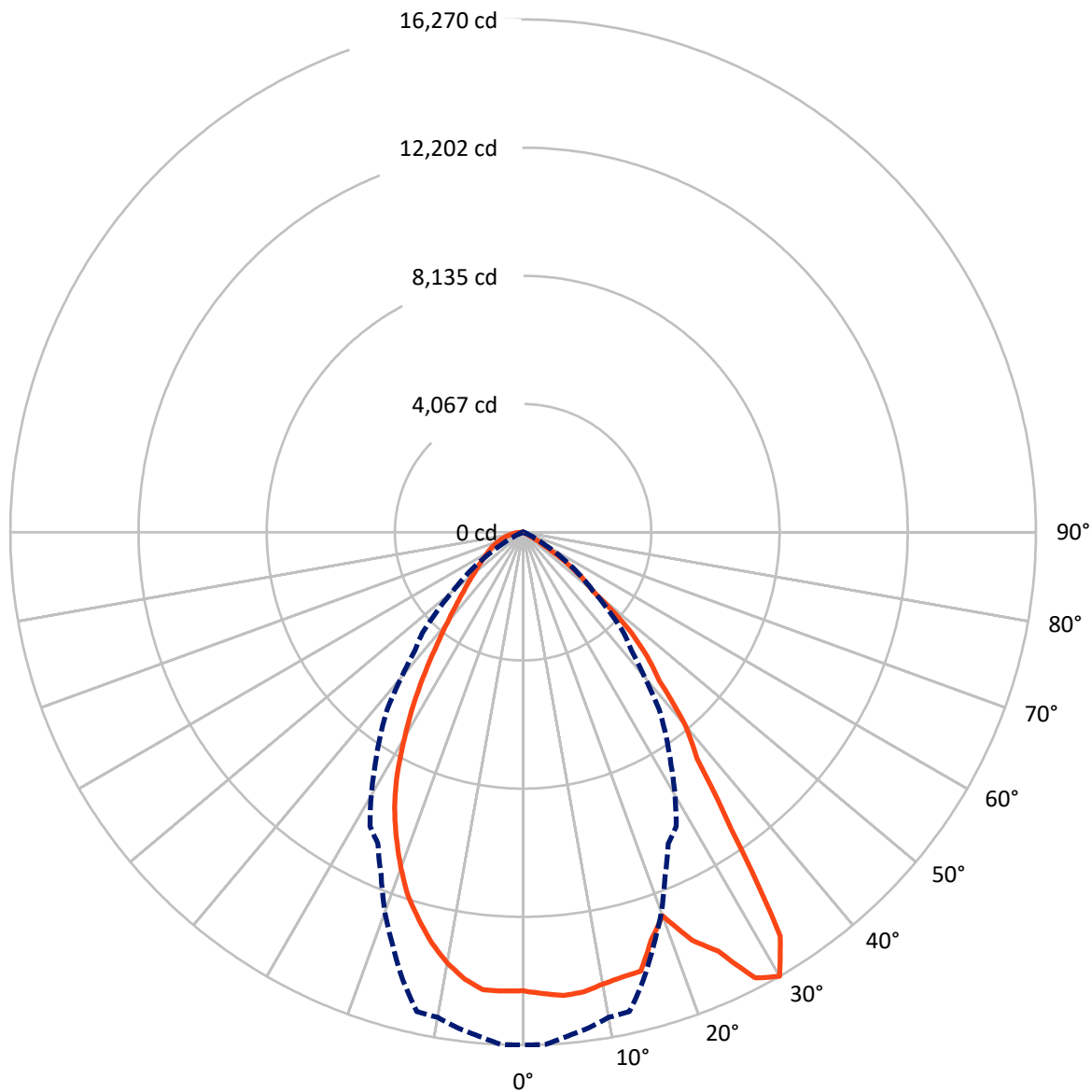
Lumen Table



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Luminous Intensity Polar Plot



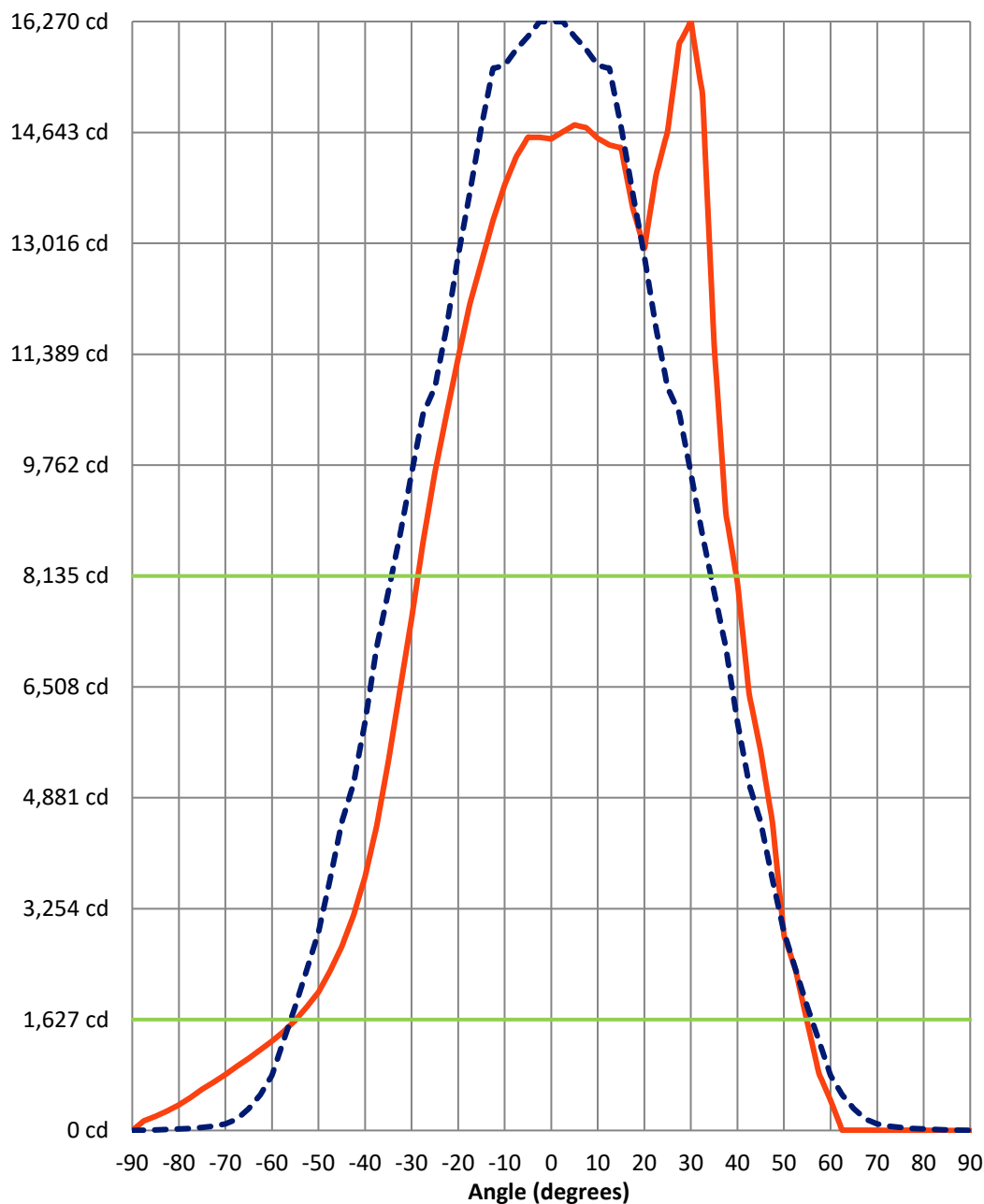
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 14867.7

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 21971.6

Efficiency: 94.3%

Spill:

Lumens: 1333.6

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	11.1
82.5°	0.0	3.7	3.7	3.7	7.4	7.4	7.4	7.4	11.1	11.1	14.8
80°	3.7	3.7	3.7	3.7	7.4	7.4	7.4	11.1	11.1	14.8	14.8
77.5°	3.7	3.7	3.7	7.4	7.4	7.4	11.1	11.1	14.8	14.8	18.6
75°	3.7	3.7	3.7	7.4	7.4	11.1	11.1	11.1	14.8	14.8	18.6
72.5°	0.0	3.7	3.7	7.4	7.4	11.1	11.1	11.1	14.8	14.8	14.8
70°	3.7	3.7	3.7	7.4	7.4	11.1	11.1	11.1	14.8	14.8	14.8
67.5°	3.7	3.7	3.7	7.4	7.4	11.1	11.1	14.8	14.8	14.8	18.6
65°	3.7	3.7	3.7	7.4	11.1	11.1	14.8	18.6	18.6	22.3	26.0
62.5°	3.7	7.4	7.4	11.1	14.8	18.6	40.8	63.1	63.1	44.5	37.1
60°	441.5	478.6	474.9	430.4	374.7	315.4	304.2	293.1	270.9	237.5	248.6
57.5°	838.5	883.0	901.6	890.5	860.8	808.8	779.2	745.8	701.2	649.3	589.9
55°	1588.0	1606.6	1565.7	1487.8	1402.5	1317.2	1287.5	1242.9	1176.2	1109.4	1020.3
52.5°	2348.6	2411.7	2393.1	2315.2	2200.2	2048.1	1881.1	1751.3	1673.3	1599.1	1510.1
50°	2868.1	2894.0	2946.0	3038.7	3072.1	2968.2	2697.4	2348.6	2100.0	2226.2	2129.7
47.5°	4526.6	4656.4	4630.4	4563.7	4452.3	4170.4	3791.9	3480.3	3220.5	3135.2	3150.0
45°	5561.7	5613.7	5595.1	5565.4	5513.5	5250.1	4830.8	4352.2	4111.0	4014.5	3914.4
42.5°	6411.4	6467.0	6478.2	6481.9	6426.2	6185.1	5806.6	5328.0	5086.8	4808.5	4589.6
40°	8032.8	8114.4	8021.7	7899.2	7713.7	7439.1	7068.1	6626.6	6199.9	5858.6	5598.8
37.5°	9068.0	9168.1	9205.2	9197.8	9157.0	9038.3	8581.9	8162.6	7509.6	6745.3	6882.6
35°	11524.2	11628.1	11598.4	11487.1	11427.7	11301.5	10856.3	10359.1	9539.2	8708.1	8485.4
32.5°	15186.2	15412.6	14989.6	14525.8	14240.1	14340.3	13887.6	12670.6	12292.2	10793.2	10099.4
30°	16269.6	16265.9	16050.7	15861.5	15627.7	15579.5	14726.1	13754.1	12826.5	11776.5	10900.8
27.5°	15939.4	15872.6	15690.8	15553.5	15334.6	15219.6	14384.8	13613.1	12540.8	11602.1	10756.1
25°	14666.8	14718.7	14533.2	14507.2	14421.9	14199.3	13783.7	12915.5	11958.3	10919.4	10310.9
22.5°	14010.1	13991.5	13768.9	13639.0	13742.9	13505.5	13338.5	12462.9	11464.8	10589.2	9858.2
20°	12941.5	12945.2	12889.6	12878.4	12815.3	12707.7	12574.2	11954.6	11249.6	10500.1	9620.8
17.5°	13538.9	13691.0	13757.8	13204.9	13360.8	13238.3	13097.3	12232.8	11702.3	11038.1	9891.6
15°	14414.5	14358.8	14292.0	14262.4	14177.0	14062.0	13806.0	13115.9	12203.1	11516.7	10622.6
12.5°	14459.0	14351.4	14325.4	14321.7	14232.7	14073.1	13824.5	13253.2	12444.3	11609.5	10882.3
10°	14555.5	14444.2	14429.3	14447.9	14310.6	14210.4	13961.8	13431.3	12518.5	11769.0	11082.6
7.5°	14711.3	14525.8	14611.1	14555.5	14492.4	14332.9	14065.7	13546.3	12789.4	11980.5	11260.7
5°	14752.1	14548.1	14640.8	14588.9	14496.1	14340.3	14050.9	13620.5	12956.3	12065.9	11331.2
2.5°	14651.9	14592.6	14551.8	14455.3	14414.5	14243.8	13969.2	13509.2	12878.4	12028.8	11316.4
0°	14548.1	14600.0	14507.2	14410.8	14392.2	14254.9	14021.2	13605.6	13060.2	12132.7	11442.5
-2.5°	14570.3	14529.5	14466.4	14366.2	14269.8	14073.1	13861.6	13472.1	12885.8	11906.3	11264.4
-5°	14570.3	14381.1	14388.5	14392.2	14295.8	14091.7	13835.7	13505.5	12782.0	11902.6	11212.5
-7.5°	14288.3	14125.1	14099.1	14076.8	14050.9	13861.6	13661.3	13249.5	12607.6	11806.1	11067.8
-10°	13872.8	13713.2	13728.1	13694.7	13613.1	13486.9	13334.8	12963.8	12436.9	11501.9	10774.7
-12.5°	13353.3	13282.8	13242.0	13186.4	13104.7	12993.4	12837.6	12488.8	11924.9	11127.2	10437.0
-15°	12737.4	12685.5	12648.4	12615.0	12496.3	12381.2	12177.2	11854.4	11501.9	10644.8	9939.9
-17.5°	12121.5	11991.7	11939.7	11895.2	11817.3	11631.8	11446.2	11205.1	10711.6	10032.6	9427.9
-20°	11331.2	11253.3	11190.2	11130.9	11019.6	10874.9	10722.7	10444.5	10017.8	9468.7	8841.6

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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°	10503.8	10459.3	10407.4	10333.2	10259.0	10121.7	9910.2	9643.0	9309.1	8715.5	8129.2
-25°	9650.5	9565.1	9502.1	9431.6	9372.2	9246.0	9042.0	8786.0	8366.7	7854.7	7364.9
-27.5°	8645.0	8563.4	8530.0	8448.3	8396.4	8281.4	8077.3	7839.8	7461.4	7031.0	6533.8
-30°	7509.6	7524.5	7487.4	7409.5	7346.4	7198.0	7042.1	6841.8	6545.0	6133.1	5687.9
-32.5°	6459.6	6478.2	6433.6	6352.0	6270.4	6162.8	6018.1	5836.3	5613.7	5220.4	4834.5
-35°	5409.6	5402.2	5365.1	5316.8	5261.2	5172.1	5008.9	4871.6	4615.6	4341.0	4073.9
-37.5°	4467.2	4485.7	4474.6	4448.6	4385.6	4311.4	4177.8	4051.6	3862.4	3621.2	3413.5
-40°	3721.4	3743.7	3728.8	3702.9	3647.2	3602.7	3513.6	3402.3	3250.2	3042.4	2868.1
-42.5°	3150.0	3164.9	3146.3	3124.1	3075.8	3042.4	2971.9	2879.2	2753.0	2593.5	2437.7
-45°	2697.4	2701.1	2682.5	2667.7	2630.6	2589.8	2530.4	2456.2	2356.0	2244.7	2118.6
-47.5°	2341.2	2337.5	2318.9	2304.1	2274.4	2237.3	2189.1	2122.3	2044.4	1959.0	1858.9
-50°	2029.5	2048.1	2040.7	2025.8	2003.6	1977.6	1929.4	1858.9	1780.9	1717.9	1647.4
-52.5°	1814.3	1818.0	1814.3	1814.3	1810.6	1792.1	1736.4	1665.9	1580.6	1524.9	1465.6
-55°	1614.0	1632.5	1639.9	1647.4	1651.1	1651.1	1584.3	1510.1	1428.5	1372.8	1328.3
-57.5°	1450.7	1461.9	1469.3	1487.8	1502.7	1513.8	1454.4	1387.6	1324.6	1272.6	1231.8
-60°	1309.7	1324.6	1335.7	1354.3	1365.4	1372.8	1335.7	1291.2	1254.1	1220.7	1161.3
-62.5°	1183.6	1194.7	1205.8	1217.0	1228.1	1235.5	1220.7	1198.4	1179.9	1165.0	1090.8
-65°	1057.4	1068.6	1079.7	1094.5	1105.7	1113.1	1109.4	1094.5	1079.7	1064.9	998.1
-67.5°	942.4	953.5	968.4	972.1	979.5	983.2	975.8	964.7	946.1	927.6	875.6
-70°	820.0	827.4	834.8	834.8	834.8	831.1	823.7	808.8	790.3	764.3	723.5
-72.5°	708.7	716.1	723.5	712.4	705.0	693.8	682.7	664.1	645.6	627.0	604.8
-75°	604.8	608.5	608.5	593.6	582.5	571.4	556.5	545.4	526.9	512.0	493.5
-77.5°	482.3	482.3	482.3	471.2	463.8	456.4	445.2	434.1	419.3	408.1	393.3
-80°	374.7	374.7	374.7	371.0	359.9	352.5	345.1	337.6	326.5	319.1	311.7
-82.5°	285.7	285.7	285.7	282.0	274.6	270.9	263.4	256.0	252.3	244.9	241.2
-85°	207.8	211.5	211.5	207.8	204.1	196.6	192.9	189.2	185.5	181.8	174.4
-87.5°	141.0	141.0	141.0	137.3	133.6	133.6	129.9	122.4	115.0	111.3	107.6
-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):

	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°	11.1	11.1	11.1	14.8	14.8	14.8	14.8	14.8	14.8	14.8	11.1
82.5°	18.6	18.6	22.3	22.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
80°	18.6	22.3	26.0	29.7	33.4	37.1	37.1	37.1	37.1	33.4	33.4
77.5°	22.3	22.3	26.0	29.7	33.4	37.1	40.8	44.5	40.8	40.8	40.8
75°	22.3	26.0	26.0	29.7	33.4	37.1	40.8	44.5	44.5	44.5	44.5
72.5°	18.6	22.3	26.0	29.7	29.7	33.4	37.1	37.1	40.8	40.8	44.5
70°	18.6	22.3	26.0	26.0	29.7	29.7	33.4	37.1	37.1	40.8	40.8
67.5°	22.3	26.0	26.0	29.7	33.4	33.4	33.4	37.1	37.1	40.8	40.8
65°	26.0	29.7	29.7	33.4	37.1	37.1	40.8	40.8	40.8	44.5	44.5
62.5°	44.5	44.5	44.5	40.8	44.5	44.5	44.5	48.2	48.2	44.5	48.2
60°	230.0	167.0	115.0	144.7	129.9	59.4	59.4	59.4	55.7	55.7	51.9
57.5°	541.7	504.6	434.1	367.3	330.2	293.1	181.8	74.2	74.2	66.8	59.4
55°	905.3	782.9	730.9	641.9	545.4	500.9	415.6	282.0	133.6	89.0	77.9
52.5°	1402.5	1287.5	1153.9	972.1	842.2	738.3	667.9	530.6	356.2	189.2	118.7
50°	1877.4	1825.5	1743.8	1565.7	1294.9	1120.5	1005.5	849.7	638.2	389.6	222.6
47.5°	3023.9	2589.8	2326.4	2189.1	1962.7	1632.5	1409.9	1235.5	979.5	656.7	393.3
45°	3806.8	3532.2	3112.9	2823.5	2489.6	2140.8	1851.4	1651.1	1346.8	983.2	615.9
42.5°	4478.3	4240.9	3862.4	3439.4	3087.0	2630.6	2259.6	1996.1	1740.1	1343.1	920.2
40°	5342.8	5060.8	4697.2	4285.4	3873.5	3291.0	2690.0	2370.9	2088.9	1736.4	1242.9
37.5°	6767.6	6270.4	5676.7	5220.4	4682.4	4188.9	3365.2	2801.3	2467.3	2100.0	1621.4
35°	8481.7	7936.3	6945.7	6340.9	5621.1	4886.5	4144.4	3309.6	2834.7	2445.1	1970.2
32.5°	10077.2	9279.4	8010.5	7301.9	6823.2	5469.0	4700.9	3977.4	3213.1	2734.5	2170.5
30°	10518.7	9639.3	8730.3	7902.9	7086.7	5992.1	5083.1	4519.1	3688.0	2908.9	2359.7
27.5°	10073.4	9468.7	8763.7	7995.7	7112.6	6173.9	5316.8	4778.9	4036.8	3027.6	2508.2
25°	9620.8	8990.0	8496.6	7854.7	7038.4	6162.8	5324.3	4942.1	4307.6	3257.6	2589.8
22.5°	9142.2	8748.9	8340.7	7624.6	6852.9	6196.2	5565.4	5083.1	4448.6	3517.4	2623.2
20°	9168.1	8912.1	8463.2	7505.9	6819.5	6392.8	5854.8	5261.2	4600.8	3743.7	2649.1
17.5°	9583.7	9249.8	8685.8	7854.7	7120.0	6593.2	6096.0	5506.1	4756.6	3944.0	2964.5
15°	10095.7	9587.4	8997.5	8266.5	7435.4	6812.1	6281.5	5676.7	4934.7	4129.6	3246.5
12.5°	10466.7	9743.2	9190.4	8530.0	7776.8	7049.6	6404.0	5806.6	5101.7	4281.7	3458.0
10°	10592.9	9936.2	9283.1	8693.2	7951.2	7175.7	6496.7	5888.2	5246.4	4400.4	3613.8
7.5°	10659.7	10103.1	9346.2	8767.4	8055.0	7253.6	6570.9	5932.8	5361.4	4482.0	3714.0
5°	10652.2	10192.2	9394.5	8789.7	8110.7	7287.0	6622.9	5943.9	5443.0	4552.5	3773.4
2.5°	10618.9	10251.5	9472.4	8826.8	8222.0	7350.1	6723.0	5966.1	5472.7	4630.4	3814.2
0°	10741.3	10255.2	9554.0	8837.9	8296.2	7372.3	6767.6	5947.6	5431.9	4652.7	3810.5
-2.5°	10477.9	10036.3	9535.4	8741.4	8196.0	7320.4	6685.9	5888.2	5342.8	4626.7	3795.6
-5°	10433.3	9876.8	9379.6	8652.4	8029.1	7212.8	6533.8	5776.9	5201.8	4541.4	3736.3
-7.5°	10314.6	9724.7	9227.5	8581.9	7873.2	7101.5	6389.1	5661.9	5049.7	4407.8	3650.9
-10°	10054.9	9490.9	9064.2	8429.8	7684.0	6942.0	6214.7	5509.8	4871.6	4226.0	3517.4
-12.5°	9683.9	9119.9	8696.9	8107.0	7446.6	6726.8	6007.0	5313.1	4667.5	4033.1	3357.8
-15°	9264.6	8693.2	8270.2	7732.2	7094.1	6392.8	5743.5	5064.5	4433.8	3829.0	3168.6
-17.5°	8789.7	8248.0	7839.8	7316.7	6682.2	6014.4	5368.8	4752.9	4162.9	3617.5	2949.7
-20°	8240.6	7713.7	7339.0	6815.8	6233.3	5584.0	4956.9	4374.4	3843.9	3331.8	2708.5

REPORT NUMBER: P722676

CATALOG NUMBER: IFLD-L-SA7B-930-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°	7561.6	7097.8	6671.1	6203.6	5695.3	5101.7	4519.1	4003.4	3495.1	2994.2	2459.9
-25°	6867.7	6418.8	6003.3	5576.6	5090.5	4578.5	4081.3	3613.8	3116.6	2664.0	2218.8
-27.5°	6096.0	5695.3	5324.3	4931.0	4485.7	4044.2	3636.1	3179.7	2749.3	2363.5	1981.3
-30°	5272.3	4945.8	4623.0	4274.3	3914.4	3543.3	3179.7	2749.3	2411.7	2103.7	1780.9
-32.5°	4482.0	4188.9	3929.2	3669.5	3357.8	3053.6	2730.8	2411.7	2129.7	1858.9	1588.0
-35°	3788.2	3476.5	3331.8	3124.1	2875.5	2600.9	2337.5	2114.9	1888.5	1643.7	1402.5
-37.5°	3187.1	2986.8	2816.1	2660.3	2463.6	2226.2	2037.0	1855.1	1665.9	1443.3	1235.5
-40°	2715.9	2571.2	2400.6	2285.5	2126.0	1955.3	1766.1	1614.0	1454.4	1272.6	1102.0
-42.5°	2337.5	2218.8	2107.4	1985.0	1866.3	1721.6	1558.3	1413.6	1268.9	1135.3	994.4
-45°	2025.8	1940.5	1851.4	1751.3	1647.4	1521.2	1387.6	1239.2	1135.3	1016.6	897.9
-47.5°	1769.8	1706.7	1632.5	1554.6	1465.6	1354.3	1231.8	1124.2	1016.6	916.4	801.4
-50°	1565.7	1506.4	1447.0	1380.2	1302.3	1205.8	1113.1	1012.9	912.7	816.3	708.7
-52.5°	1395.1	1343.1	1294.9	1239.2	1165.0	1083.4	998.1	909.0	816.3	719.8	634.5
-55°	1276.3	1217.0	1168.7	1113.1	1046.3	968.4	890.5	808.8	719.8	645.6	575.1
-57.5°	1179.9	1113.1	1057.4	998.1	931.3	864.5	794.0	719.8	653.0	582.5	515.7
-60°	1098.2	1020.3	957.3	897.9	834.8	771.7	712.4	649.3	586.2	523.2	456.4
-62.5°	1012.9	931.3	853.4	797.7	749.5	693.8	641.9	582.5	526.9	463.8	415.6
-65°	916.4	838.5	764.3	716.1	671.6	623.3	575.1	523.2	474.9	426.7	382.2
-67.5°	808.8	742.1	690.1	645.6	601.1	560.3	515.7	471.2	430.4	382.2	337.6
-70°	679.0	641.9	612.2	578.8	538.0	500.9	460.1	419.3	374.7	333.9	293.1
-72.5°	578.8	556.5	534.3	500.9	463.8	430.4	397.0	359.9	322.8	285.7	252.3
-75°	474.9	456.4	437.8	415.6	385.9	359.9	330.2	296.8	267.1	241.2	215.2
-77.5°	382.2	367.3	356.2	337.6	315.4	293.1	274.6	252.3	230.0	204.1	178.1
-80°	304.2	296.8	293.1	285.7	267.1	248.6	233.7	215.2	192.9	174.4	155.8
-82.5°	237.5	237.5	233.7	230.0	215.2	200.4	189.2	174.4	159.5	144.7	126.1
-85°	174.4	170.7	170.7	167.0	155.8	148.4	137.3	129.9	118.7	103.9	96.5
-87.5°	103.9	100.2	96.5	92.8	85.3	81.6	74.2	70.5	63.1	55.7	51.9
-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: P722676

CATALOG NUMBER: IFLD-L-SA7B-930-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°	11.1	7.4	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7
82.5°	22.3	22.3	18.6	18.6	14.8	11.1	7.4	7.4	7.4	3.7	3.7
80°	33.4	33.4	33.4	29.7	26.0	18.6	14.8	11.1	7.4	3.7	3.7
77.5°	40.8	37.1	37.1	33.4	33.4	29.7	22.3	18.6	11.1	7.4	3.7
75°	40.8	40.8	40.8	37.1	37.1	33.4	29.7	22.3	18.6	11.1	7.4
72.5°	44.5	40.8	40.8	40.8	37.1	33.4	29.7	26.0	22.3	14.8	7.4
70°	40.8	40.8	40.8	40.8	37.1	37.1	29.7	26.0	26.0	14.8	11.1
67.5°	40.8	40.8	40.8	37.1	37.1	33.4	29.7	26.0	26.0	18.6	11.1
65°	44.5	40.8	40.8	40.8	37.1	33.4	29.7	26.0	26.0	22.3	14.8
62.5°	48.2	44.5	44.5	40.8	37.1	33.4	29.7	26.0	26.0	22.3	14.8
60°	51.9	48.2	44.5	44.5	40.8	37.1	29.7	29.7	26.0	22.3	14.8
57.5°	55.7	51.9	51.9	48.2	44.5	40.8	33.4	29.7	26.0	22.3	18.6
55°	66.8	59.4	55.7	55.7	51.9	44.5	37.1	29.7	26.0	22.3	18.6
52.5°	89.0	70.5	63.1	63.1	59.4	51.9	40.8	33.4	26.0	22.3	18.6
50°	141.0	89.0	74.2	66.8	66.8	59.4	48.2	37.1	26.0	22.3	18.6
47.5°	222.6	148.4	89.0	77.9	74.2	70.5	55.7	37.1	29.7	22.3	18.6
45°	367.3	218.9	144.7	92.8	77.9	74.2	63.1	40.8	29.7	26.0	18.6
42.5°	504.6	341.3	222.6	111.3	92.8	81.6	66.8	44.5	33.4	26.0	18.6
40°	794.0	467.5	311.7	181.8	107.6	85.3	74.2	51.9	33.4	26.0	18.6
37.5°	1076.0	619.6	419.3	267.1	122.4	96.5	77.9	55.7	37.1	26.0	22.3
35°	1358.0	868.2	519.4	356.2	163.3	115.0	81.6	59.4	37.1	26.0	22.3
32.5°	1610.3	1102.0	623.3	445.2	244.9	137.3	89.0	63.1	40.8	29.7	22.3
30°	1818.0	1317.2	808.8	523.2	319.1	167.0	96.5	63.1	44.5	29.7	22.3
27.5°	1973.9	1484.1	998.1	604.8	382.2	196.6	111.3	70.5	44.5	29.7	22.3
25°	2100.0	1614.0	1165.0	690.1	437.8	244.9	133.6	74.2	48.2	33.4	22.3
22.5°	2200.2	1721.6	1302.3	805.1	504.6	293.1	163.3	81.6	48.2	33.4	22.3
20°	2337.5	1829.2	1395.1	927.6	575.1	337.6	189.2	89.0	48.2	33.4	26.0
17.5°	2456.2	1936.8	1469.3	1031.5	645.6	371.0	218.9	96.5	51.9	33.4	26.0
15°	2593.5	2040.7	1536.1	1113.1	712.4	400.7	244.9	103.9	51.9	37.1	26.0
12.5°	2741.9	2137.1	1584.3	1179.9	782.9	426.7	267.1	118.7	55.7	37.1	26.0
10°	2894.0	2218.8	1625.1	1228.1	834.8	452.7	282.0	133.6	59.4	37.1	26.0
7.5°	3046.1	2293.0	1677.1	1250.4	857.1	482.3	289.4	148.4	59.4	40.8	26.0
5°	3150.0	2341.2	1751.3	1265.2	868.2	515.7	300.5	167.0	63.1	40.8	26.0
2.5°	3239.1	2370.9	1829.2	1276.3	871.9	534.3	296.8	178.1	66.8	40.8	26.0
0°	3279.9	2370.9	1881.1	1268.9	860.8	552.8	296.8	189.2	66.8	40.8	26.0
-2.5°	3216.8	2437.7	1866.3	1272.6	864.5	552.8	311.7	192.9	74.2	44.5	26.0
-5°	3116.6	2463.6	1821.8	1254.1	857.1	552.8	330.2	196.6	77.9	44.5	29.7
-7.5°	3020.2	2474.8	1769.8	1235.5	845.9	538.0	333.9	192.9	85.3	48.2	29.7
-10°	2894.0	2352.3	1703.0	1202.1	823.7	526.9	341.3	192.9	89.0	48.2	29.7
-12.5°	2749.3	2203.9	1621.4	1153.9	797.7	515.7	345.1	192.9	92.8	51.9	29.7
-15°	2582.4	2051.8	1528.6	1102.0	760.6	500.9	337.6	189.2	96.5	51.9	33.4
-17.5°	2393.1	1903.4	1432.2	1038.9	719.8	482.3	322.8	185.5	96.5	51.9	33.4
-20°	2177.9	1755.0	1324.6	975.8	671.6	460.1	308.0	178.1	96.5	51.9	33.4

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CATALOG NUMBER: IFLD-L-SA7B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1985.0	1617.7	1213.3	905.3	619.6	434.1	289.4	170.7	96.5	55.7	33.4
-25°	1825.5	1484.1	1127.9	834.8	564.0	404.4	270.9	163.3	96.5	55.7	33.4
-27.5°	1658.5	1339.4	1038.9	768.0	526.9	378.4	252.3	155.8	92.8	55.7	33.4
-30°	1487.8	1198.4	946.1	693.8	489.8	352.5	237.5	144.7	92.8	55.7	33.4
-32.5°	1332.0	1083.4	860.8	619.6	448.9	326.5	222.6	141.0	89.0	55.7	33.4
-35°	1179.9	979.5	771.7	560.3	404.4	300.5	207.8	137.3	89.0	55.7	33.4
-37.5°	1053.7	883.0	690.1	519.4	378.4	278.3	192.9	129.9	85.3	55.7	33.4
-40°	949.8	794.0	612.2	474.9	356.2	256.0	178.1	126.1	85.3	55.7	33.4
-42.5°	853.4	708.7	564.0	437.8	333.9	241.2	167.0	122.4	81.6	55.7	33.4
-45°	768.0	634.5	515.7	404.4	308.0	222.6	159.5	115.0	77.9	55.7	37.1
-47.5°	682.7	582.5	471.2	374.7	282.0	200.4	152.1	111.3	74.2	51.9	37.1
-50°	615.9	526.9	434.1	341.3	256.0	192.9	144.7	103.9	74.2	51.9	37.1
-52.5°	556.5	474.9	393.3	308.0	233.7	181.8	137.3	96.5	70.5	51.9	37.1
-55°	500.9	426.7	352.5	274.6	218.9	170.7	126.1	89.0	70.5	51.9	37.1
-57.5°	445.2	382.2	311.7	248.6	200.4	159.5	118.7	89.0	70.5	51.9	37.1
-60°	400.7	341.3	282.0	230.0	185.5	144.7	107.6	85.3	66.8	51.9	37.1
-62.5°	363.6	308.0	256.0	207.8	170.7	129.9	103.9	85.3	66.8	51.9	33.4
-65°	326.5	278.3	230.0	189.2	152.1	122.4	100.2	81.6	66.8	51.9	33.4
-67.5°	289.4	244.9	207.8	167.0	141.0	118.7	96.5	81.6	63.1	48.2	33.4
-70°	252.3	215.2	181.8	155.8	133.6	111.3	92.8	77.9	63.1	44.5	29.7
-72.5°	222.6	189.2	163.3	144.7	126.1	107.6	89.0	74.2	59.4	40.8	26.0
-75°	189.2	167.0	148.4	129.9	115.0	100.2	85.3	66.8	51.9	37.1	26.0
-77.5°	159.5	144.7	129.9	118.7	103.9	89.0	74.2	59.4	48.2	33.4	22.3
-80°	137.3	126.1	115.0	103.9	92.8	77.9	66.8	51.9	40.8	29.7	18.6
-82.5°	111.3	103.9	92.8	85.3	77.9	66.8	55.7	44.5	29.7	22.3	14.8
-85°	85.3	77.9	74.2	66.8	59.4	48.2	37.1	29.7	22.3	14.8	7.4
-87.5°	44.5	40.8	37.1	33.4	29.7	22.3	18.6	14.8	11.1	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: P722676

CATALOG NUMBER: IFLD-L-SA7B-930-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°	11.1	3.7	3.7	0.0
55°	11.1	3.7	3.7	0.0
52.5°	11.1	3.7	3.7	0.0
50°	11.1	7.4	3.7	0.0
47.5°	11.1	7.4	3.7	0.0
45°	11.1	7.4	3.7	0.0
42.5°	11.1	7.4	3.7	0.0
40°	14.8	7.4	3.7	0.0
37.5°	14.8	7.4	3.7	0.0
35°	14.8	7.4	3.7	0.0
32.5°	14.8	7.4	3.7	0.0
30°	14.8	7.4	3.7	0.0
27.5°	14.8	11.1	3.7	0.0
25°	14.8	11.1	3.7	0.0
22.5°	18.6	11.1	3.7	0.0
20°	18.6	11.1	3.7	0.0
17.5°	18.6	11.1	3.7	0.0
15°	18.6	11.1	3.7	0.0
12.5°	18.6	11.1	3.7	0.0
10°	18.6	11.1	3.7	0.0
7.5°	18.6	11.1	3.7	0.0
5°	18.6	11.1	3.7	0.0
2.5°	18.6	11.1	3.7	0.0
0°	18.6	11.1	3.7	0.0
-2.5°	18.6	11.1	3.7	0.0
-5°	18.6	11.1	3.7	0.0
-7.5°	18.6	11.1	3.7	0.0
-10°	18.6	11.1	3.7	0.0
-12.5°	22.3	11.1	3.7	0.0
-15°	22.3	11.1	3.7	0.0
-17.5°	22.3	11.1	3.7	0.0
-20°	22.3	11.1	3.7	0.0



REPORT NUMBER: P722676

CATALOG NUMBER: IFLD-L-SA7B-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.3	11.1	3.7	0.0
-25°	22.3	11.1	3.7	0.0
-27.5°	22.3	11.1	3.7	0.0
-30°	22.3	11.1	3.7	0.0
-32.5°	22.3	11.1	3.7	0.0
-35°	22.3	11.1	3.7	0.0
-37.5°	22.3	11.1	3.7	0.0
-40°	22.3	11.1	3.7	0.0
-42.5°	18.6	11.1	3.7	0.0
-45°	22.3	11.1	3.7	0.0
-47.5°	22.3	11.1	3.7	0.0
-50°	22.3	11.1	3.7	0.0
-52.5°	22.3	11.1	3.7	0.0
-55°	22.3	11.1	3.7	0.0
-57.5°	22.3	11.1	3.7	0.0
-60°	22.3	11.1	3.7	0.0
-62.5°	18.6	11.1	3.7	0.0
-65°	18.6	7.4	3.7	0.0
-67.5°	18.6	7.4	3.7	0.0
-70°	18.6	7.4	3.7	0.0
-72.5°	14.8	7.4	3.7	0.0
-75°	14.8	7.4	3.7	0.0
-77.5°	11.1	3.7	0.0	0.0
-80°	11.1	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)