

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: P722270

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

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722270
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
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

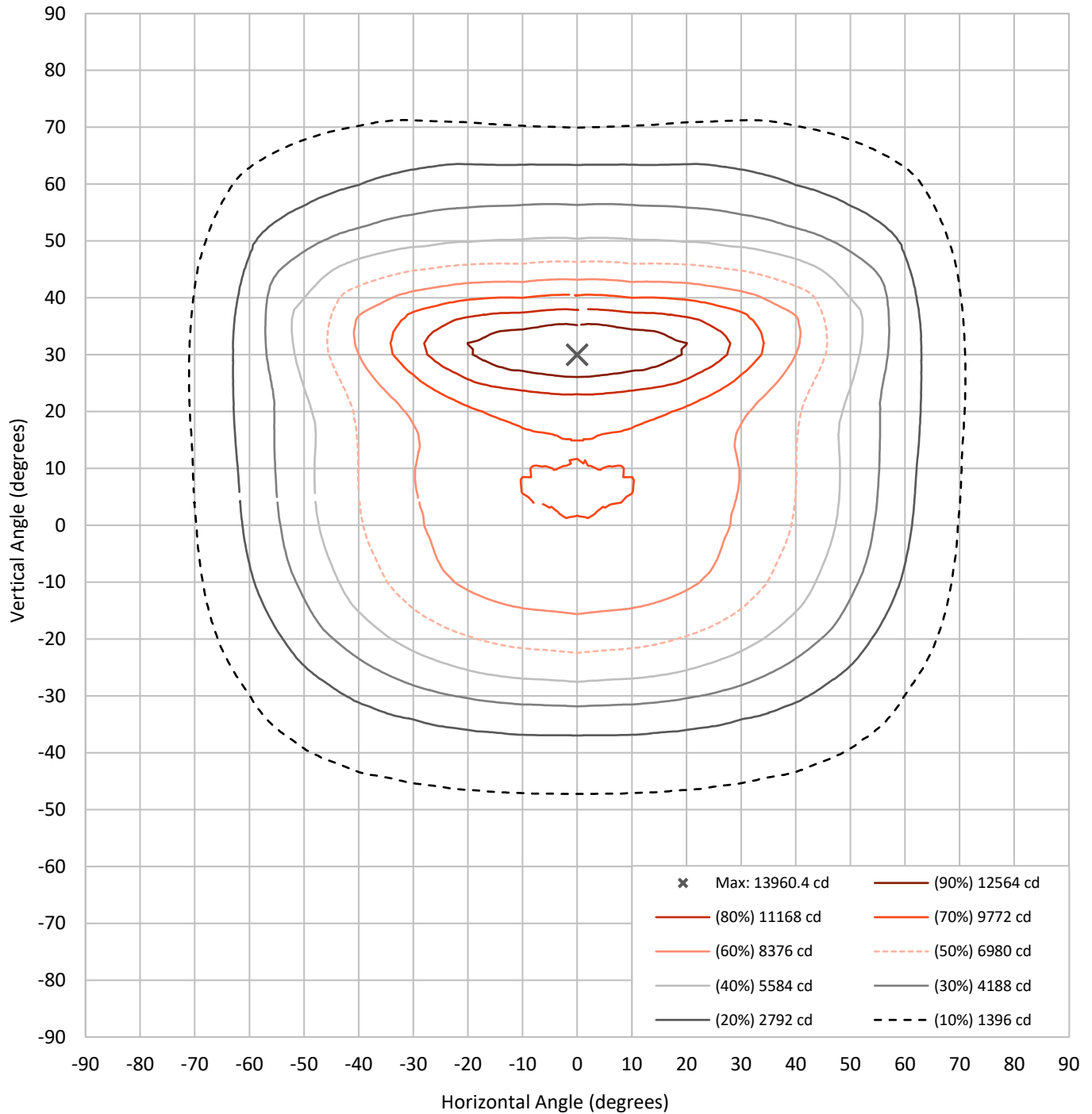
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23303.4 lumens	Max Intensity:	13960.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	82.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	13551.2 lumens	Field Lumens:	21838.3 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



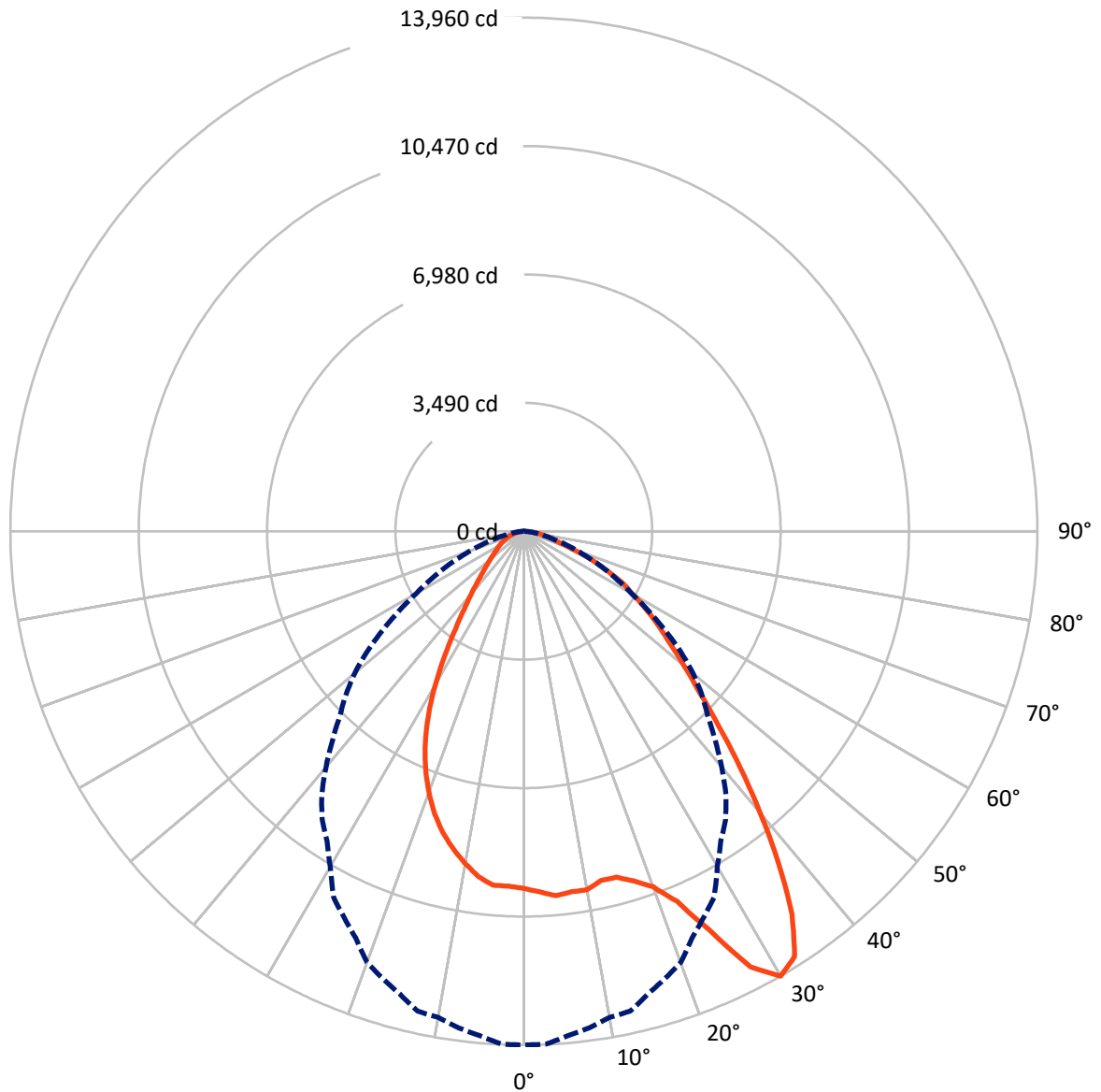
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Iso-Candela Plot



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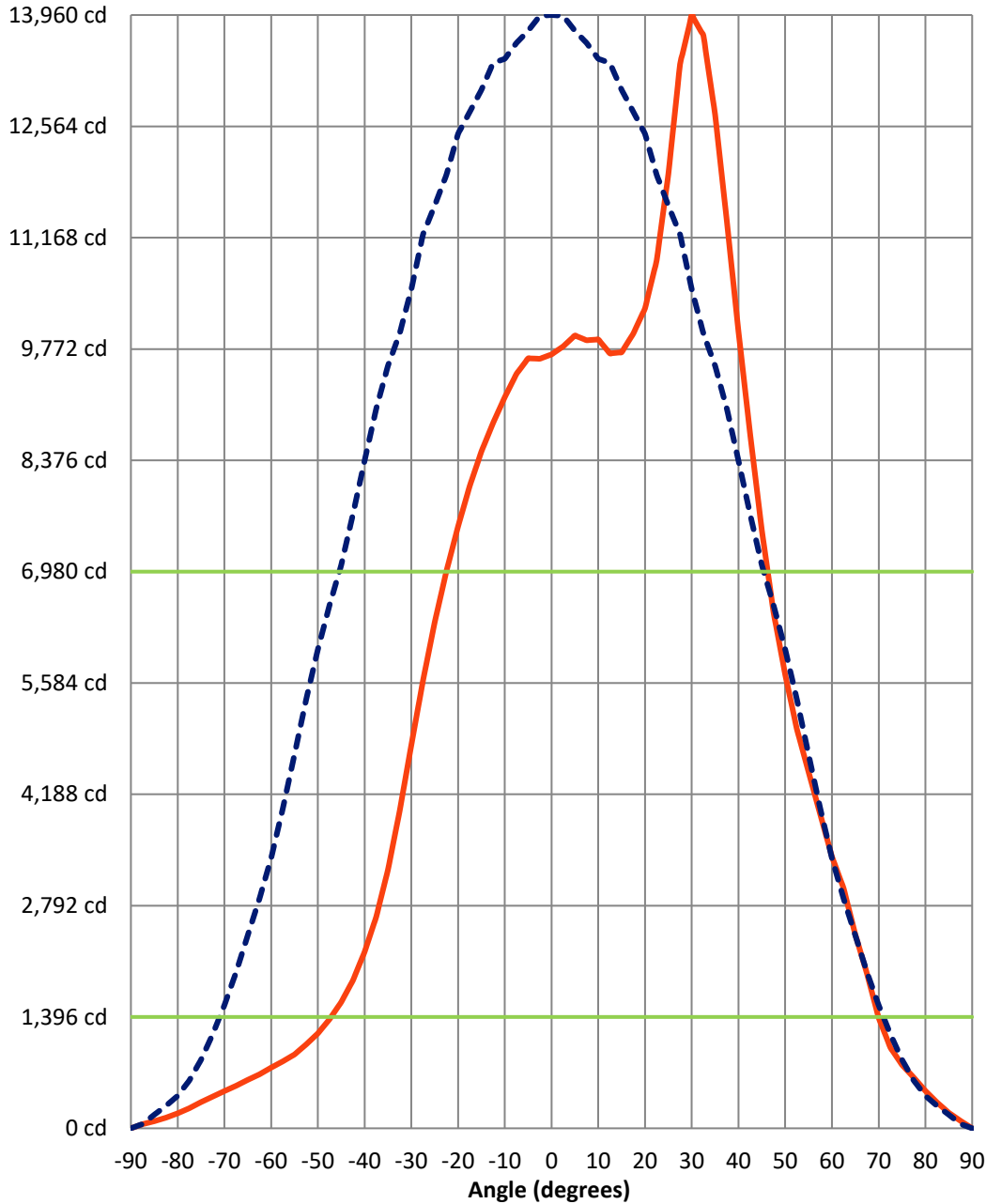
Luminous Intensity Polar Plot



— 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: 13551.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 21838.3
 Efficiency: 93.7%

Spill:
 Lumens: 1465.1
 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°	93.8	96.3	98.7	98.7	96.3	96.3	96.3	93.8	96.3	96.3	96.3
85°	195.0	200.0	204.9	202.4	200.0	195.0	190.1	192.6	195.0	197.5	197.5
82.5°	323.4	330.8	335.7	333.3	328.3	323.4	318.5	320.9	325.9	328.3	328.3
80°	469.0	471.5	474.0	478.9	471.5	471.5	469.0	478.9	483.9	488.8	493.7
77.5°	636.9	639.4	639.4	641.9	644.3	646.8	646.8	664.1	676.4	683.8	691.2
75°	794.9	802.3	809.7	817.1	827.0	831.9	839.4	864.0	883.8	898.6	913.4
72.5°	1012.2	1022.0	1034.4	1051.7	1068.9	1081.3	1098.6	1128.2	1150.4	1165.2	1182.5
70°	1384.9	1394.8	1407.1	1419.5	1436.8	1449.1	1466.4	1503.4	1525.6	1535.5	1545.4
67.5°	1937.9	1962.6	1984.8	1960.1	1947.8	1930.5	1935.4	1970.0	1992.2	2007.0	2004.6
65°	2429.2	2446.5	2446.5	2444.0	2434.1	2411.9	2424.2	2466.2	2490.9	2503.2	2466.2
62.5°	3006.9	3006.9	2994.5	3014.3	3016.7	3001.9	2994.5	2997.0	2999.4	3006.9	2945.1
60°	3406.8	3431.5	3438.9	3456.2	3461.1	3461.1	3473.4	3483.3	3483.3	3468.5	3396.9
57.5°	3935.1	3982.0	3991.9	3979.5	3954.8	3922.7	3917.8	3903.0	3873.4	3843.7	3809.2
55°	4468.3	4493.0	4490.5	4483.1	4458.4	4421.4	4426.3	4406.6	4359.7	4322.7	4275.8
52.5°	5004.0	5063.3	5073.1	5058.3	5023.8	4984.3	4986.7	4964.5	4917.6	4878.1	4813.9
50°	5687.8	5737.2	5732.3	5707.6	5658.2	5628.6	5631.1	5589.1	5534.8	5522.4	5438.5
47.5°	6470.4	6527.2	6517.3	6482.8	6416.1	6403.8	6416.1	6361.8	6329.7	6302.5	6203.8
45°	7497.4	7564.0	7527.0	7460.4	7354.2	7366.5	7383.8	7374.0	7304.8	7233.2	7107.3
42.5°	8702.1	8744.1	8699.6	8633.0	8499.7	8524.4	8514.5	8455.2	8413.3	8294.8	8134.3
40°	9990.8	10082.1	10013.0	9909.3	9771.0	9808.1	9780.9	9704.4	9605.6	9457.5	9255.1
37.5°	11380.6	11452.2	11373.2	11252.3	11128.8	11116.5	11062.2	10943.7	10803.0	10640.0	10316.6
35°	12711.2	12896.4	12750.7	12558.2	12407.6	12350.8	12299.0	12024.9	11864.5	11600.3	11158.4
32.5°	13701.2	13837.0	13656.7	13456.8	13274.1	13195.1	13012.4	12686.6	12600.2	12044.7	11639.8
30°	13960.4	13950.5	13762.9	13609.8	13412.3	13358.0	13022.3	12745.8	12469.3	11955.8	11570.7
27.5°	13343.2	13281.5	13101.3	12968.0	12773.0	12708.8	12378.0	12229.8	11802.8	11368.3	11042.4
25°	11968.2	12000.3	11864.5	11797.8	11669.5	11531.2	11400.4	11200.4	10933.8	10553.6	10254.9
22.5°	10884.4	10926.4	10869.6	10790.6	10691.9	10615.3	10516.6	10361.1	10104.3	9869.8	9588.4
20°	10282.1	10269.7	10220.3	10161.1	10067.3	10013.0	9904.4	9773.5	9576.0	9373.6	9069.9
17.5°	9966.1	9889.5	9842.6	9820.4	9771.0	9701.9	9573.5	9440.2	9287.2	9057.6	8835.4
15°	9731.5	9743.9	9706.9	9689.6	9650.1	9553.8	9423.0	9314.3	9107.0	8990.9	8788.5
12.5°	9716.7	9704.4	9706.9	9699.5	9650.1	9526.6	9460.0	9321.7	9188.4	9035.4	8803.3
10°	9892.0	9761.2	9771.0	9805.6	9726.6	9627.9	9556.3	9405.7	9279.8	9084.7	8855.2
7.5°	9882.1	9815.5	9835.2	9778.4	9803.1	9682.2	9583.4	9432.8	9274.8	9067.5	8860.1
5°	9941.4	9840.2	9822.9	9827.8	9766.1	9674.8	9541.5	9398.3	9250.2	9018.1	8805.8
2.5°	9805.6	9820.4	9741.4	9711.8	9704.4	9551.3	9427.9	9289.6	9136.6	8931.7	8741.6
0°	9704.4	9731.5	9650.1	9608.1	9605.6	9474.8	9395.8	9237.8	9129.2	8958.8	8729.3
-2.5°	9650.1	9682.2	9692.0	9615.5	9541.5	9440.2	9306.9	9136.6	8958.8	8761.4	8563.9
-5°	9655.0	9590.8	9563.7	9588.4	9524.2	9423.0	9274.8	9124.2	8949.0	8736.7	8489.8
-7.5°	9460.0	9395.8	9390.9	9378.5	9363.7	9267.4	9144.0	8981.1	8803.3	8605.8	8376.2
-10°	9168.7	9121.8	9109.4	9097.1	9057.6	9000.8	8884.8	8736.7	8576.2	8378.7	8134.3
-12.5°	8845.3	8823.1	8776.2	8744.1	8704.6	8637.9	8526.8	8391.0	8230.6	8055.3	7845.5
-15°	8487.3	8445.4	8398.5	8371.3	8314.5	8235.5	8124.4	7998.5	7823.3	7650.4	7453.0
-17.5°	8055.3	8003.5	7951.6	7944.2	7904.7	7783.8	7680.1	7527.0	7374.0	7208.6	7016.0
-20°	7546.8	7475.2	7440.6	7420.9	7366.5	7277.7	7166.6	7025.9	6877.7	6719.8	6497.6



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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°	6983.9	6922.2	6862.9	6825.9	6779.0	6709.9	6603.7	6480.3	6334.6	6156.9	5952.0
-25°	6344.5	6258.1	6221.1	6179.1	6154.4	6090.2	5986.6	5873.0	5722.4	5549.6	5354.6
-27.5°	5613.8	5544.7	5524.9	5465.7	5436.0	5369.4	5283.0	5176.8	5038.6	4875.6	4715.2
-30°	4806.5	4764.6	4732.5	4673.2	4651.0	4579.4	4522.6	4433.8	4307.8	4191.8	4063.5
-32.5°	3977.0	3935.1	3925.2	3898.0	3883.2	3836.3	3772.1	3708.0	3606.7	3520.3	3416.7
-35°	3241.4	3211.8	3214.2	3211.8	3196.9	3162.4	3083.4	3066.1	2992.0	2913.0	2846.4
-37.5°	2653.8	2656.3	2653.8	2651.4	2631.6	2616.8	2560.0	2537.8	2493.4	2416.8	2377.3
-40°	2211.9	2216.9	2214.4	2209.5	2187.3	2179.8	2142.8	2113.2	2095.9	2041.6	1999.6
-42.5°	1854.0	1861.4	1858.9	1856.4	1841.6	1839.2	1819.4	1784.9	1775.0	1742.9	1698.5
-45°	1582.4	1580.0	1575.0	1580.0	1572.6	1565.1	1552.8	1530.6	1518.2	1503.4	1466.4
-47.5°	1367.6	1370.1	1365.2	1365.2	1355.3	1347.9	1343.0	1328.2	1318.3	1305.9	1283.7
-50°	1189.9	1199.8	1197.3	1194.8	1187.4	1182.5	1182.5	1167.7	1152.9	1147.9	1133.1
-52.5°	1051.7	1059.1	1061.5	1066.5	1068.9	1071.4	1064.0	1049.2	1024.5	1022.0	1014.6
-55°	925.8	948.0	962.8	972.7	982.5	989.9	975.1	955.4	930.7	920.8	918.3
-57.5°	839.4	861.6	878.9	893.7	906.0	918.3	903.5	883.8	861.6	849.2	846.8
-60°	760.4	780.1	797.4	817.1	834.4	854.2	846.8	831.9	819.6	809.7	799.9
-62.5°	676.4	696.2	715.9	740.6	762.8	782.6	785.0	782.6	780.1	782.6	765.3
-65°	607.3	617.2	629.5	656.7	681.4	703.6	715.9	723.3	735.7	748.0	730.7
-67.5°	533.2	545.6	560.4	580.1	599.9	614.7	632.0	651.7	671.5	691.2	678.9
-70°	466.6	476.5	488.8	498.7	511.0	520.9	535.7	557.9	580.1	599.9	595.0
-72.5°	397.5	407.3	414.7	419.7	427.1	432.0	439.4	459.2	474.0	483.9	483.9
-75°	328.3	338.2	345.6	348.1	353.0	355.5	360.4	367.8	375.2	377.7	380.2
-77.5°	251.8	261.7	269.1	274.0	279.0	283.9	286.4	291.3	293.8	293.8	296.2
-80°	187.6	195.0	200.0	207.4	209.8	214.8	219.7	222.2	224.7	224.7	227.1
-82.5°	133.3	138.2	143.2	148.1	153.1	155.5	160.5	162.9	165.4	167.9	170.3
-85°	88.9	93.8	98.7	103.7	106.2	108.6	111.1	113.6	116.0	118.5	121.0
-87.5°	51.8	54.3	56.8	61.7	64.2	69.1	71.6	69.1	71.6	71.6	71.6
-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°	96.3	96.3	96.3	96.3	93.8	88.9	86.4	81.5	76.5	71.6	66.7
85°	200.0	202.4	202.4	202.4	197.5	195.0	187.6	180.2	170.3	155.5	143.2
82.5°	333.3	335.7	335.7	333.3	328.3	320.9	311.1	298.7	279.0	259.2	241.9
80°	501.1	503.6	503.6	501.1	488.8	476.5	464.1	449.3	424.6	397.5	367.8
77.5°	701.1	706.0	706.0	698.6	681.4	666.5	646.8	622.1	585.1	545.6	506.1
75°	933.2	945.5	948.0	940.6	918.3	891.2	859.1	817.1	760.4	711.0	664.1
72.5°	1202.2	1214.6	1224.5	1214.6	1182.5	1145.5	1098.6	1049.2	992.4	925.8	846.8
70°	1555.3	1567.6	1575.0	1542.9	1486.1	1424.4	1367.6	1310.9	1244.2	1162.7	1076.3
67.5°	1999.6	1987.3	1972.5	1908.3	1836.7	1762.6	1683.6	1599.7	1513.3	1426.9	1325.7
65°	2426.7	2392.2	2360.1	2283.5	2192.2	2095.9	2004.6	1910.8	1807.1	1698.5	1602.2
62.5°	2876.0	2802.0	2723.0	2629.1	2535.3	2429.2	2337.8	2226.8	2110.7	1977.4	1854.0
60°	3317.9	3229.0	3150.0	3034.0	2910.6	2767.4	2668.6	2560.0	2424.2	2281.1	2135.4
57.5°	3745.0	3648.7	3562.3	3461.1	3327.8	3172.3	3063.6	2922.9	2779.7	2599.5	2451.4
55°	4199.2	4102.9	4033.8	3920.3	3774.6	3631.4	3512.9	3364.8	3164.8	2972.3	2789.6
52.5°	4720.1	4643.6	4569.5	4453.5	4278.2	4132.6	4001.7	3836.3	3626.5	3389.5	3169.8
50°	5302.7	5263.2	5184.2	5048.5	4848.5	4720.1	4547.3	4327.6	4102.9	3853.6	3579.6
47.5°	6075.4	6011.2	5900.1	5752.0	5584.2	5391.6	5159.5	4902.8	4584.3	4307.8	4016.5
45°	6998.7	6880.2	6737.0	6537.1	6329.7	6112.5	5858.2	5532.3	5105.2	4744.8	4438.7
42.5°	7998.5	7838.1	7643.0	7381.4	7112.3	6845.7	6571.6	6127.3	5594.0	5179.3	4833.7
40°	9042.8	8837.9	8593.5	8213.3	7914.6	7571.4	7257.9	6593.8	6026.1	5576.8	5208.9
37.5°	10064.8	9805.6	9395.8	8934.2	8586.1	8304.6	7615.9	6904.9	6396.4	5902.6	5529.8
35°	10847.4	10627.7	9904.4	9425.4	9126.7	8682.4	7820.8	7092.5	6554.3	6144.5	5564.4
32.5°	11311.5	10743.7	10109.3	9625.4	9378.5	8650.3	7835.6	7146.8	6628.4	6169.2	5475.5
30°	11207.8	10521.5	9966.1	9561.2	9025.5	8371.3	7697.3	7062.9	6559.3	6003.8	5376.8
27.5°	10583.2	10052.5	9556.3	9134.1	8608.3	8020.7	7398.6	6840.7	6371.7	5833.5	5241.0
25°	9877.2	9395.8	9028.0	8660.1	8161.5	7601.1	7053.0	6650.6	6179.1	5648.3	5063.3
22.5°	9227.9	8882.3	8593.5	8208.4	7722.0	7233.2	6892.6	6475.4	5991.5	5453.3	4880.6
20°	8813.2	8578.7	8247.9	7823.3	7440.6	7134.5	6756.8	6314.9	5816.2	5253.4	4725.1
17.5°	8613.2	8341.7	7973.8	7697.3	7403.6	7067.8	6645.7	6176.6	5645.9	5162.0	4742.3
15°	8509.5	8223.2	7981.2	7709.7	7378.9	7025.9	6556.8	6070.5	5645.9	5199.0	4754.7
12.5°	8531.8	8284.9	8020.7	7724.5	7369.0	6991.3	6566.7	6114.9	5675.5	5226.2	4757.1
10°	8600.9	8341.7	8060.2	7731.9	7374.0	7001.2	6593.8	6142.1	5690.3	5238.5	4752.2
7.5°	8625.6	8344.1	8043.0	7712.2	7361.6	6996.2	6598.8	6149.5	5692.8	5236.1	4737.4
5°	8549.0	8294.8	8003.5	7670.2	7327.0	6971.6	6579.0	6139.6	5673.0	5211.4	4700.4
2.5°	8445.4	8240.5	7961.5	7640.6	7292.5	6937.0	6546.9	6095.2	5628.6	5167.0	4653.5
0°	8428.1	8173.8	7892.4	7606.0	7235.7	6860.5	6472.9	6011.2	5547.1	5083.0	4572.0
-2.5°	8314.5	8045.4	7764.0	7453.0	7127.1	6749.4	6342.0	5890.3	5431.1	4974.4	4483.1
-5°	8228.1	7929.4	7630.7	7295.0	6966.6	6588.9	6166.8	5727.3	5278.0	4833.7	4359.7
-7.5°	8112.1	7806.0	7492.4	7141.9	6786.4	6401.3	5984.1	5544.7	5102.8	4660.9	4206.6
-10°	7877.6	7608.5	7314.7	6951.8	6576.6	6191.5	5776.7	5344.7	4902.8	4456.0	3999.3
-12.5°	7593.7	7309.8	6988.8	6655.6	6319.8	5961.9	5547.1	5122.5	4678.2	4228.9	3774.6
-15°	7225.8	6946.9	6618.5	6292.7	5969.3	5626.1	5260.8	4878.1	4426.3	3984.5	3530.2
-17.5°	6766.7	6505.0	6211.2	5900.1	5579.2	5233.6	4878.1	4554.7	4132.6	3717.8	3268.5
-20°	6272.9	6028.5	5764.4	5470.6	5149.7	4811.5	4475.7	4137.5	3772.1	3406.8	2989.6



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5759.4	5512.6	5245.9	4971.9	4675.7	4362.2	4051.1	3727.7	3406.8	3076.0	2723.0
-25°	5167.0	4949.7	4705.3	4438.7	4174.5	3900.5	3604.3	3310.5	3036.5	2750.1	2461.3
-27.5°	4547.3	4347.3	4125.2	3893.1	3666.0	3436.4	3179.7	2908.1	2681.0	2444.0	2204.5
-30°	3895.6	3735.1	3554.9	3352.5	3177.2	2992.0	2777.3	2552.6	2345.2	2165.0	1972.5
-32.5°	3278.4	3142.6	3014.3	2881.0	2708.1	2565.0	2416.8	2251.4	2068.8	1898.4	1760.2
-35°	2747.6	2602.0	2547.7	2448.9	2325.5	2199.6	2091.0	1972.5	1834.2	1683.6	1570.1
-37.5°	2300.8	2214.4	2137.9	2083.6	2002.1	1900.9	1814.5	1728.1	1621.9	1508.4	1394.8
-40°	1952.7	1893.5	1809.5	1782.4	1730.5	1661.4	1572.6	1505.9	1434.3	1347.9	1251.6
-42.5°	1673.8	1629.3	1575.0	1528.1	1505.9	1456.5	1387.4	1323.2	1266.4	1207.2	1133.1
-45°	1444.2	1414.6	1380.0	1338.0	1320.7	1281.2	1231.9	1160.3	1128.2	1078.8	1024.5
-47.5°	1259.0	1244.2	1219.5	1192.4	1167.7	1138.1	1093.6	1049.2	1004.8	972.7	930.7
-50°	1113.4	1103.5	1088.7	1066.5	1034.4	1014.6	985.0	945.5	903.5	876.4	846.8
-52.5°	997.3	987.5	977.6	960.3	935.6	915.9	891.2	859.1	824.5	797.4	772.7
-55°	908.5	893.7	886.3	871.4	851.7	829.5	807.3	785.0	755.4	730.7	706.0
-57.5°	839.4	819.6	809.7	797.4	777.6	755.4	738.1	715.9	696.2	669.0	646.8
-60°	785.0	762.8	743.1	730.7	713.4	691.2	674.0	656.7	636.9	614.7	587.5
-62.5°	740.6	713.4	686.3	671.5	654.2	634.5	617.2	599.9	580.1	557.9	533.2
-65°	698.6	666.5	632.0	617.2	599.9	580.1	557.9	545.6	528.3	508.5	483.9
-67.5°	646.8	612.2	582.6	565.3	548.0	530.8	511.0	498.7	481.4	456.7	432.0
-70°	570.3	548.0	528.3	513.5	498.7	483.9	464.1	444.4	424.6	402.4	380.2
-72.5°	474.0	466.6	464.1	456.7	439.4	422.1	402.4	382.6	365.4	348.1	330.8
-75°	382.6	387.6	392.5	390.1	372.8	355.5	338.2	320.9	308.6	293.8	279.0
-77.5°	303.6	308.6	313.5	313.5	301.2	291.3	279.0	266.6	256.7	244.4	229.6
-80°	234.5	241.9	249.3	254.3	244.4	237.0	227.1	217.2	207.4	197.5	187.6
-82.5°	177.7	185.2	192.6	197.5	190.1	185.2	177.7	170.3	162.9	153.1	145.7
-85°	128.4	133.3	138.2	140.7	135.8	130.8	125.9	121.0	116.0	108.6	103.7
-87.5°	74.1	76.5	79.0	81.5	76.5	71.6	69.1	64.2	61.7	56.8	54.3
-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°	61.7	56.8	51.8	49.4	44.4	37.0	32.1	27.2	22.2	17.3	14.8
85°	130.8	118.5	103.7	96.3	86.4	76.5	66.7	56.8	46.9	37.0	27.2
82.5°	224.7	209.8	195.0	177.7	155.5	128.4	101.2	83.9	69.1	54.3	42.0
80°	338.2	311.1	286.4	264.1	239.5	204.9	167.9	133.3	93.8	71.6	54.3
77.5°	469.0	437.0	402.4	365.4	325.9	279.0	237.0	192.6	145.7	98.7	69.1
75°	617.2	575.2	528.3	476.5	424.6	362.9	303.6	251.8	197.5	138.2	83.9
72.5°	782.6	730.7	674.0	604.8	523.4	451.8	380.2	311.1	246.9	175.3	113.6
70°	994.9	913.4	829.5	755.4	651.7	538.2	454.2	375.2	293.8	214.8	143.2
67.5°	1222.0	1123.3	1022.0	913.4	782.6	649.3	528.3	439.4	343.1	251.8	170.3
65°	1468.9	1345.4	1217.1	1096.1	915.9	757.9	622.1	501.1	390.1	286.4	197.5
62.5°	1723.1	1577.5	1429.4	1271.4	1064.0	869.0	711.0	570.3	434.5	318.5	222.2
60°	1994.7	1824.4	1644.1	1446.6	1204.7	989.9	794.9	641.9	481.4	350.6	249.3
57.5°	2281.1	2095.9	1883.6	1617.0	1350.4	1106.0	891.2	706.0	523.4	380.2	269.1
55°	2592.1	2379.8	2147.8	1794.7	1493.6	1222.0	987.5	770.2	567.8	404.9	288.8
52.5°	2927.9	2681.0	2387.2	1982.4	1644.1	1340.5	1076.3	827.0	609.8	432.0	306.1
50°	3303.1	2992.0	2597.1	2155.2	1775.0	1451.6	1165.2	888.7	644.3	461.6	320.9
47.5°	3693.1	3357.4	2784.7	2315.6	1908.3	1560.2	1256.6	943.0	678.9	486.3	335.7
45°	4100.5	3611.7	2979.7	2458.8	2024.3	1659.0	1325.7	992.4	720.9	508.5	348.1
42.5°	4502.9	3804.2	3150.0	2602.0	2132.9	1747.8	1382.5	1039.3	755.4	530.8	360.4
40°	4693.0	3949.9	3285.8	2700.7	2224.3	1826.8	1431.8	1081.3	785.0	545.6	372.8
37.5°	4772.0	4038.8	3374.7	2794.5	2295.9	1868.8	1473.8	1118.3	809.7	560.4	382.6
35°	4789.2	4070.9	3419.1	2858.7	2355.1	1908.3	1505.9	1145.5	829.5	575.2	392.5
32.5°	4757.1	4061.0	3431.5	2881.0	2392.2	1937.9	1528.1	1165.2	844.3	590.0	402.4
30°	4685.6	4009.1	3387.0	2878.5	2419.3	1955.2	1542.9	1180.0	859.1	599.9	407.3
27.5°	4569.5	3917.8	3330.3	2881.0	2434.1	1962.6	1550.3	1187.4	869.0	607.3	417.2
25°	4426.3	3794.4	3332.7	2876.0	2436.6	1965.1	1550.3	1187.4	871.4	609.8	424.6
22.5°	4260.9	3794.4	3332.7	2868.6	2421.8	1960.1	1542.9	1182.5	871.4	614.7	432.0
20°	4270.8	3796.8	3325.3	2853.8	2399.6	1945.3	1525.6	1170.2	864.0	622.1	437.0
17.5°	4278.2	3791.9	3310.5	2834.0	2369.9	1920.6	1503.4	1152.9	864.0	629.5	439.4
15°	4278.2	3777.1	3288.3	2804.4	2332.9	1886.1	1471.3	1138.1	866.5	632.0	444.4
12.5°	4270.8	3749.9	3253.7	2764.9	2288.5	1844.1	1451.6	1133.1	866.5	634.5	444.4
10°	4256.0	3712.9	3209.3	2715.5	2246.5	1829.3	1441.7	1123.3	861.6	634.5	444.4
7.5°	4228.9	3668.5	3172.3	2685.9	2221.8	1812.0	1426.9	1108.4	854.2	629.5	449.3
5°	4186.9	3643.8	3142.6	2651.4	2187.3	1799.7	1417.0	1096.1	849.2	629.5	444.4
2.5°	4132.6	3614.2	3108.1	2606.9	2147.8	1757.7	1384.9	1068.9	831.9	619.6	439.4
0°	4043.7	3554.9	3048.8	2545.2	2093.4	1715.7	1352.8	1041.8	814.7	609.8	434.5
-2.5°	3962.2	3475.9	2972.3	2481.0	2041.6	1678.7	1328.2	1027.0	807.3	607.3	432.0
-5°	3848.7	3367.3	2871.1	2397.1	1972.5	1641.7	1303.5	1009.7	799.9	602.4	432.0
-7.5°	3722.8	3253.7	2764.9	2310.7	1903.4	1577.5	1256.6	982.5	782.6	592.5	429.6
-10°	3527.7	3083.4	2631.6	2211.9	1829.3	1520.7	1217.1	957.8	767.8	582.6	419.7
-12.5°	3320.4	2895.8	2478.6	2091.0	1745.4	1461.5	1172.6	930.7	750.5	572.7	414.7
-15°	3100.7	2703.2	2318.1	1965.1	1654.0	1389.9	1125.7	901.1	733.2	560.4	407.3
-17.5°	2871.1	2500.8	2152.7	1836.7	1562.7	1315.8	1076.3	873.9	713.4	548.0	399.9
-20°	2629.1	2293.4	1984.8	1705.9	1466.4	1241.7	1024.5	841.8	691.2	533.2	390.1



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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2389.7	2088.5	1812.0	1577.5	1367.6	1165.2	972.7	809.7	666.5	516.0	382.6
-25°	2177.4	1895.9	1659.0	1454.1	1271.4	1091.2	918.3	777.6	639.4	498.7	372.8
-27.5°	1970.0	1730.5	1508.4	1338.0	1177.6	1019.6	866.5	743.1	612.2	478.9	362.9
-30°	1777.5	1572.6	1389.9	1224.5	1088.7	955.4	822.1	708.5	582.6	459.2	350.6
-32.5°	1602.2	1436.8	1283.7	1125.7	1004.8	891.2	780.1	674.0	553.0	439.4	338.2
-35°	1439.2	1310.9	1177.6	1044.3	920.8	831.9	735.7	636.9	525.8	417.2	325.9
-37.5°	1293.6	1189.9	1083.8	970.2	864.0	775.2	693.7	599.9	498.7	397.5	313.5
-40°	1167.7	1083.8	989.9	898.6	809.7	725.8	651.7	562.9	471.5	382.6	301.2
-42.5°	1051.7	987.5	910.9	834.4	755.4	681.4	609.8	523.4	444.4	365.4	288.8
-45°	962.8	898.6	836.9	767.8	701.1	636.9	565.3	488.8	419.7	345.6	276.5
-47.5°	878.9	822.1	765.3	708.5	654.2	595.0	523.4	459.2	392.5	328.3	266.6
-50°	804.8	750.5	701.1	651.7	604.8	548.0	481.4	429.6	370.3	311.1	254.3
-52.5°	735.7	688.8	639.4	599.9	560.4	503.6	449.3	399.9	348.1	291.3	241.9
-55°	674.0	629.5	585.1	548.0	511.0	461.6	417.2	375.2	325.9	276.5	229.6
-57.5°	614.7	577.7	535.7	501.1	464.1	424.6	387.6	348.1	303.6	261.7	217.2
-60°	560.4	525.8	488.8	454.2	422.1	390.1	355.5	323.4	283.9	244.4	204.9
-62.5°	506.1	476.5	444.4	409.8	385.1	355.5	328.3	296.2	264.1	229.6	182.7
-65°	456.7	429.6	399.9	370.3	348.1	325.9	301.2	271.6	244.4	212.3	162.9
-67.5°	407.3	382.6	358.0	333.3	313.5	296.2	271.6	249.3	227.1	192.6	143.2
-70°	360.4	340.7	318.5	298.7	283.9	264.1	246.9	227.1	207.4	167.9	121.0
-72.5°	316.0	296.2	279.0	264.1	251.8	234.5	219.7	204.9	177.7	140.7	101.2
-75°	264.1	251.8	241.9	229.6	217.2	204.9	192.6	175.3	148.1	113.6	79.0
-77.5°	217.2	209.8	202.4	192.6	182.7	172.8	158.0	140.7	118.5	88.9	64.2
-80°	177.7	170.3	165.4	155.5	148.1	138.2	123.4	108.6	86.4	69.1	51.8
-82.5°	135.8	130.8	125.9	121.0	113.6	103.7	88.9	76.5	64.2	51.8	39.5
-85°	96.3	93.8	88.9	83.9	76.5	69.1	59.2	51.8	44.4	34.6	27.2
-87.5°	49.4	46.9	44.4	42.0	39.5	34.6	29.6	24.7	22.2	17.3	12.3
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	9.9	7.4	2.5	0.0
85°	19.7	12.3	4.9	0.0
82.5°	29.6	19.7	7.4	0.0
80°	39.5	24.7	12.3	0.0
77.5°	49.4	29.6	14.8	0.0
75°	59.2	37.0	17.3	0.0
72.5°	66.7	42.0	19.7	0.0
70°	79.0	49.4	22.2	0.0
67.5°	98.7	54.3	24.7	0.0
65°	116.0	59.2	27.2	0.0
62.5°	135.8	64.2	29.6	0.0
60°	153.1	69.1	32.1	0.0
57.5°	170.3	81.5	34.6	0.0
55°	185.2	91.3	37.0	0.0
52.5°	202.4	101.2	39.5	0.0
50°	217.2	111.1	42.0	0.0
47.5°	229.6	121.0	42.0	0.0
45°	239.5	128.4	44.4	0.0
42.5°	246.9	135.8	46.9	0.0
40°	254.3	143.2	49.4	0.0
37.5°	261.7	150.6	49.4	0.0
35°	269.1	158.0	51.8	0.0
32.5°	276.5	165.4	51.8	0.0
30°	281.4	170.3	54.3	0.0
27.5°	288.8	175.3	54.3	0.0
25°	291.3	180.2	56.8	0.0
22.5°	296.2	182.7	56.8	0.0
20°	301.2	187.6	56.8	0.0
17.5°	303.6	190.1	59.2	0.0
15°	303.6	192.6	61.7	0.0
12.5°	306.1	195.0	61.7	0.0
10°	306.1	200.0	59.2	0.0
7.5°	311.1	197.5	59.2	0.0
5°	308.6	197.5	59.2	0.0
2.5°	306.1	195.0	59.2	0.0
0°	303.6	195.0	59.2	0.0
-2.5°	303.6	195.0	59.2	0.0
-5°	303.6	195.0	59.2	0.0
-7.5°	301.2	197.5	59.2	0.0
-10°	296.2	197.5	59.2	0.0
-12.5°	293.8	190.1	59.2	0.0
-15°	291.3	187.6	59.2	0.0
-17.5°	286.4	185.2	56.8	0.0
-20°	281.4	182.7	56.8	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	276.5	177.7	56.8	0.0
-25°	271.6	172.8	54.3	0.0
-27.5°	266.6	167.9	54.3	0.0
-30°	259.2	162.9	51.8	0.0
-32.5°	251.8	158.0	51.8	0.0
-35°	246.9	150.6	49.4	0.0
-37.5°	239.5	143.2	49.4	0.0
-40°	232.1	135.8	46.9	0.0
-42.5°	224.7	128.4	44.4	0.0
-45°	214.8	121.0	44.4	0.0
-47.5°	207.4	113.6	42.0	0.0
-50°	195.0	103.7	39.5	0.0
-52.5°	180.2	93.8	37.0	0.0
-55°	165.4	86.4	34.6	0.0
-57.5°	150.6	76.5	34.6	0.0
-60°	135.8	66.7	32.1	0.0
-62.5°	121.0	61.7	29.6	0.0
-65°	106.2	56.8	27.2	0.0
-67.5°	88.9	49.4	24.7	0.0
-70°	74.1	44.4	22.2	0.0
-72.5°	64.2	39.5	19.7	0.0
-75°	54.3	34.6	17.3	0.0
-77.5°	46.9	29.6	14.8	0.0
-80°	37.0	22.2	9.9	0.0
-82.5°	27.2	17.3	7.4	0.0
-85°	17.3	12.3	4.9	0.0
-87.5°	9.9	4.9	2.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)