

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: P722042

Luminaire Tested: **IFLD-L-SA8A-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722042
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-730-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (128) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

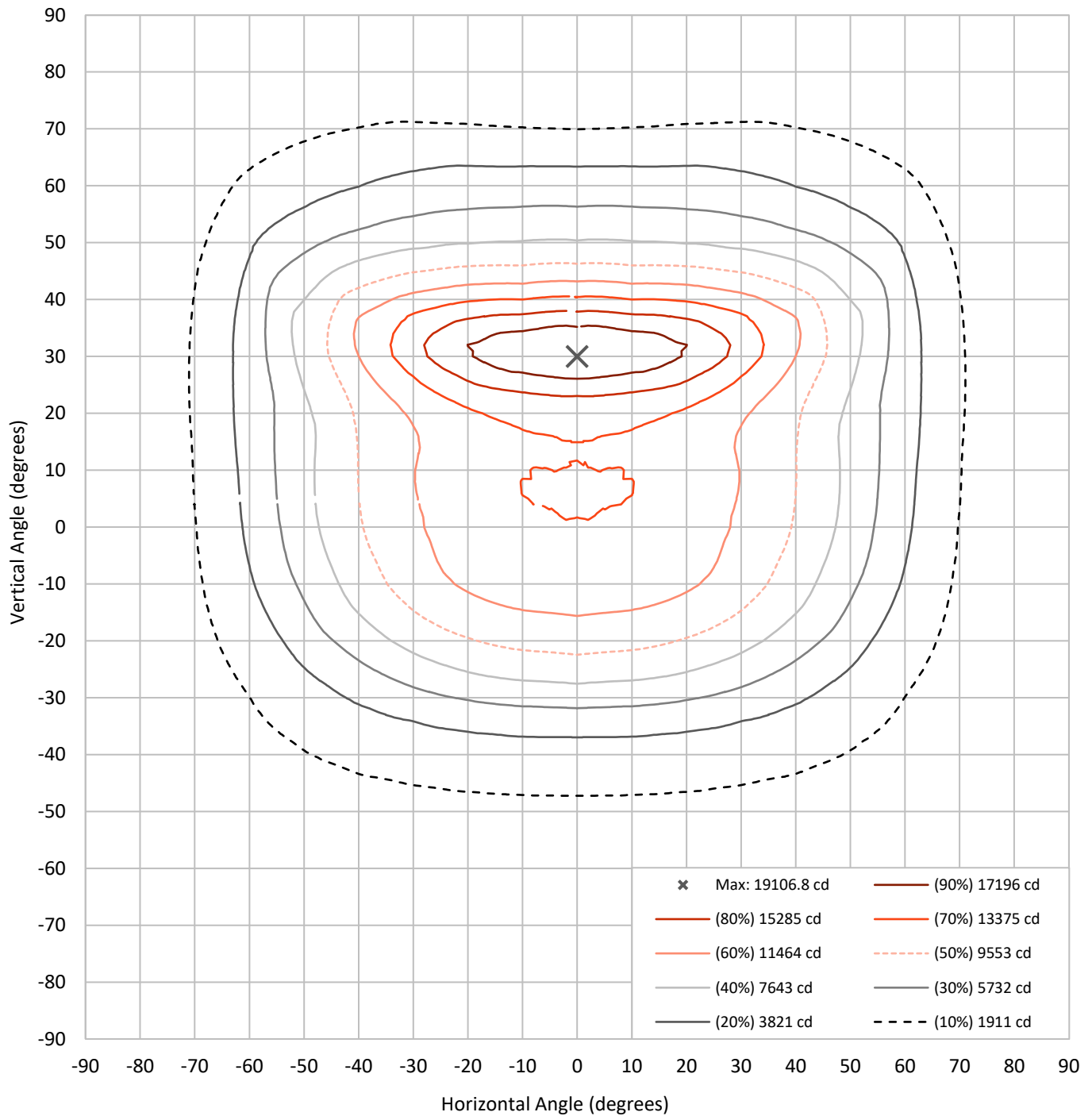
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	31894 lumens	Max Intensity:	19106.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	128.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	18546.7 lumens	Field Lumens:	29888.8 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



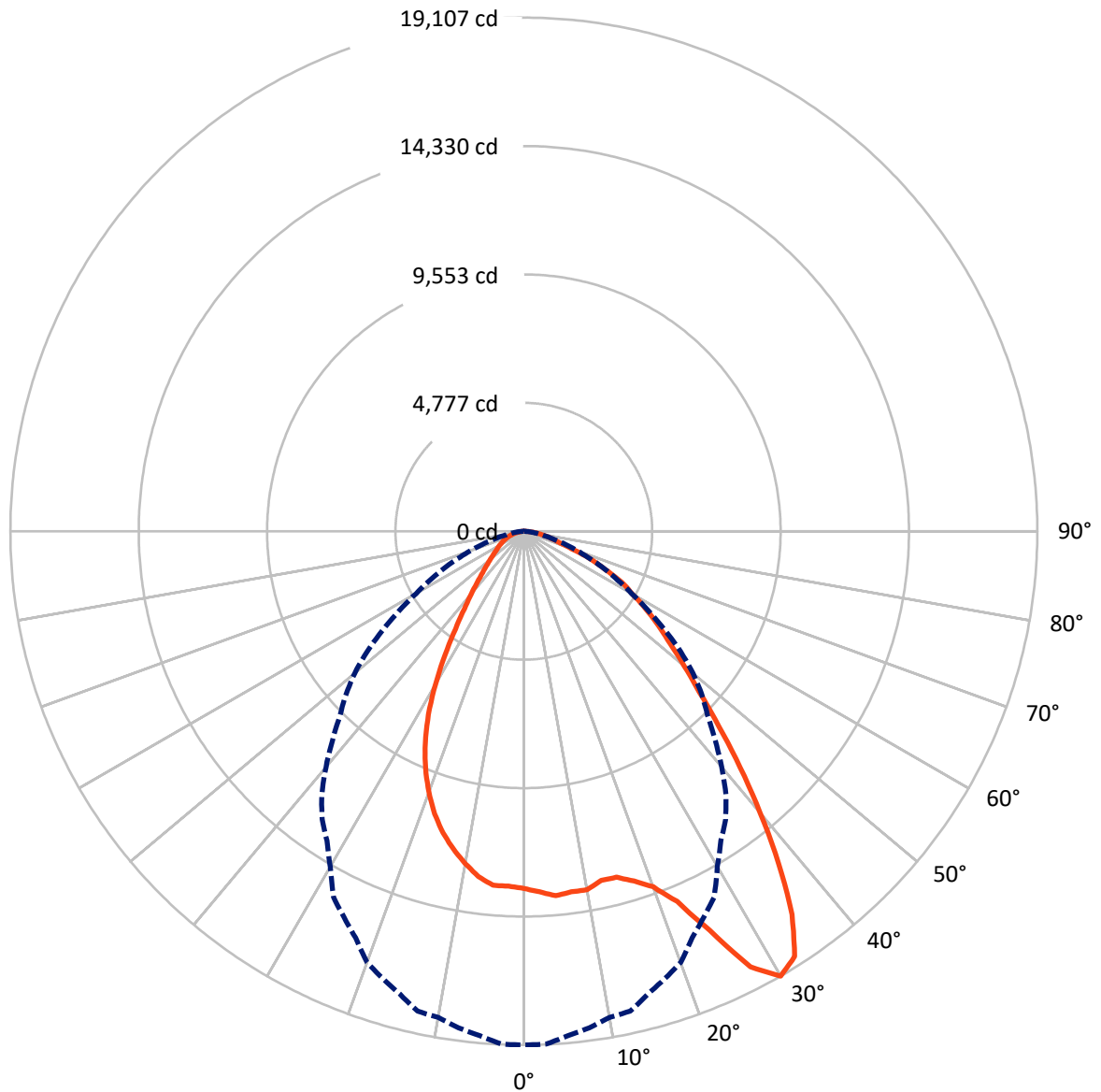
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Iso-Candela Plot



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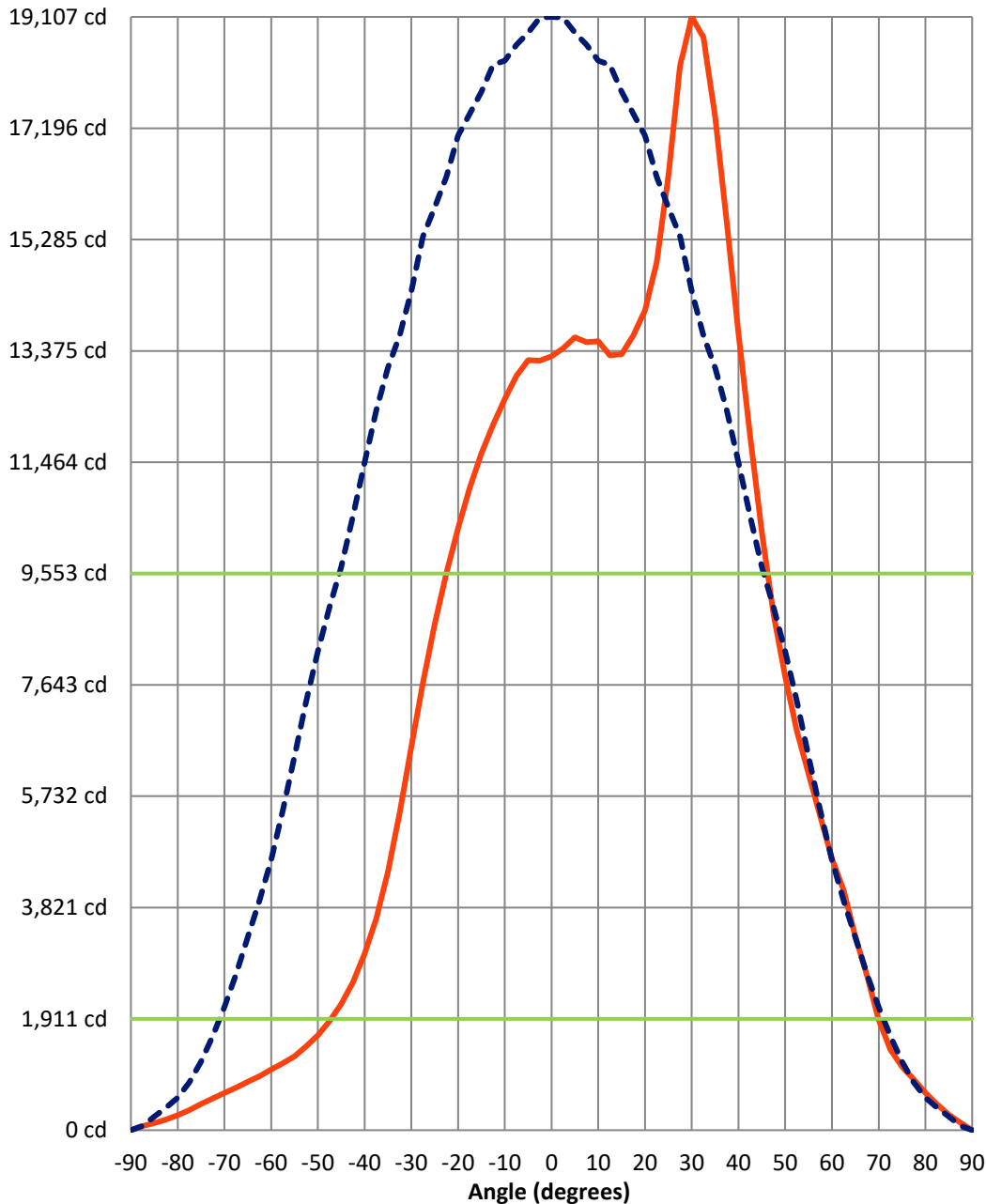
Luminous Intensity Polar Plot



— 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: 18546.7
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 29888.8
 Efficiency: 93.7%

Spill:
 Lumens: 2005.2
 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°	128.4	131.8	135.1	135.1	131.8	131.8	131.8	128.4	131.8	131.8	131.8
85°	266.9	273.7	280.4	277.1	273.7	266.9	260.2	263.5	266.9	270.3	270.3
82.5°	442.6	452.8	459.5	456.1	449.4	442.6	435.9	439.2	446.0	449.4	449.4
80°	642.0	645.3	648.7	655.5	645.3	645.3	642.0	655.5	662.2	669.0	675.7
77.5°	871.7	875.1	875.1	878.5	881.9	885.2	885.2	908.9	925.8	935.9	946.0
75°	1088.0	1098.1	1108.2	1118.4	1131.9	1138.6	1148.8	1182.6	1209.6	1229.9	1250.1
72.5°	1385.3	1398.8	1415.7	1439.3	1463.0	1479.9	1503.5	1544.1	1574.5	1594.8	1618.4
70°	1895.5	1909.0	1925.9	1942.8	1966.4	1983.3	2007.0	2057.7	2088.1	2101.6	2115.1
67.5°	2652.3	2686.1	2716.5	2682.7	2665.8	2642.2	2648.9	2696.2	2726.6	2746.9	2743.5
65°	3324.7	3348.3	3348.3	3345.0	3331.4	3301.0	3317.9	3375.4	3409.2	3426.0	3375.4
62.5°	4115.3	4115.3	4098.4	4125.4	4128.8	4108.6	4098.4	4101.8	4105.2	4115.3	4030.8
60°	4662.7	4696.5	4706.6	4730.2	4737.0	4737.0	4753.9	4767.4	4767.4	4747.1	4649.1
57.5°	5385.7	5449.9	5463.4	5446.5	5412.7	5368.8	5362.1	5341.8	5301.2	5260.7	5213.4
55°	6115.5	6149.3	6145.9	6135.8	6102.0	6051.3	6058.1	6031.1	5966.9	5916.2	5852.0
52.5°	6848.7	6929.8	6943.3	6923.0	6875.7	6821.7	6825.1	6794.7	6730.5	6676.4	6588.5
50°	7784.6	7852.2	7845.4	7811.7	7744.1	7703.5	7706.9	7649.5	7575.1	7558.2	7443.4
47.5°	8855.7	8933.4	8919.9	8872.6	8781.4	8764.5	8781.4	8707.0	8663.1	8625.9	8490.8
45°	10261.2	10352.5	10301.8	10210.6	10065.3	10082.2	10105.8	10092.3	9997.7	9899.7	9727.4
42.5°	11910.1	11967.5	11906.7	11815.5	11633.0	11666.8	11653.3	11572.2	11514.8	11352.6	11133.0
40°	13673.8	13798.8	13704.2	13562.3	13373.1	13423.7	13386.6	13281.8	13146.7	12944.0	12666.9
37.5°	15576.0	15674.0	15565.9	15400.3	15231.4	15214.5	15140.1	14978.0	14785.4	14562.4	14119.8
35°	17397.1	17650.6	17451.2	17187.7	16981.6	16903.8	16832.9	16457.9	16238.2	15876.7	15271.9
32.5°	18752.0	18937.9	18691.2	18417.5	18167.5	18059.4	17809.4	17363.4	17245.1	16484.9	15930.8
30°	19106.8	19093.3	18836.5	18627.0	18356.7	18282.4	17822.9	17444.4	17066.0	16363.3	15836.2
27.5°	18262.1	18177.6	17931.0	17748.5	17481.6	17393.8	16941.0	16738.3	16153.8	15559.1	15113.1
25°	16380.1	16424.1	16238.2	16147.0	15971.3	15782.1	15603.0	15329.4	14964.5	14444.1	14035.3
22.5°	14896.9	14954.3	14876.6	14768.5	14633.3	14528.6	14393.4	14180.6	13829.2	13508.2	13123.0
20°	14072.5	14055.6	13988.0	13906.9	13778.5	13704.2	13555.5	13376.4	13106.1	12829.1	12413.5
17.5°	13640.0	13535.2	13471.0	13440.6	13373.1	13278.5	13102.8	12920.3	12710.8	12396.6	12092.5
15°	13319.0	13335.9	13285.2	13261.6	13207.5	13075.7	12896.7	12748.0	12464.2	12305.4	12028.3
12.5°	13298.7	13281.8	13285.2	13275.1	13207.5	13038.6	12947.3	12758.1	12575.7	12366.2	12048.6
10°	13538.6	13359.5	13373.1	13420.4	13312.2	13177.1	13079.1	12873.0	12700.7	12433.8	12119.5
7.5°	13525.1	13433.9	13460.9	13383.2	13417.0	13251.4	13116.3	12910.2	12693.9	12410.1	12126.3
5°	13606.2	13467.7	13444.0	13450.8	13366.3	13241.3	13058.8	12862.9	12660.1	12342.5	12052.0
2.5°	13420.4	13440.6	13332.5	13292.0	13281.8	13072.4	12903.4	12714.2	12504.7	12224.3	11964.1
0°	13281.8	13319.0	13207.5	13150.1	13146.7	12967.6	12859.5	12643.3	12494.6	12261.5	11947.2
-2.5°	13207.5	13251.4	13264.9	13160.2	13058.8	12920.3	12737.9	12504.7	12261.5	11991.2	11720.9
-5°	13214.3	13126.4	13089.2	13123.0	13035.2	12896.7	12693.9	12487.8	12247.9	11957.4	11619.5
-7.5°	12947.3	12859.5	12852.7	12835.8	12815.6	12683.8	12514.9	12291.9	12048.6	11778.3	11464.1
-10°	12548.6	12484.5	12467.6	12450.7	12396.6	12318.9	12160.1	11957.4	11737.8	11467.5	11133.0
-12.5°	12106.0	12075.6	12011.4	11967.5	11913.4	11822.2	11670.2	11484.3	11264.7	11024.8	10737.6
-15°	11616.1	11558.7	11494.5	11457.3	11379.6	11271.5	11119.4	10947.1	10707.2	10470.7	10200.4
-17.5°	11024.8	10953.9	10882.9	10872.8	10818.7	10653.2	10511.3	10301.8	10092.3	9865.9	9602.4
-20°	10328.8	10230.8	10183.5	10156.5	10082.2	9960.5	9808.5	9615.9	9413.2	9196.9	8892.9



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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°	9558.5	9474.0	9392.9	9342.2	9278.0	9183.4	9038.1	8869.2	8669.9	8426.6	8146.1
-25°	8683.4	8565.1	8514.4	8457.0	8423.2	8335.4	8193.5	8038.0	7831.9	7595.4	7328.5
-27.5°	7683.3	7588.7	7561.6	7480.5	7440.0	7348.8	7230.5	7085.2	6896.0	6673.0	6453.4
-30°	6578.4	6521.0	6477.0	6396.0	6365.6	6267.6	6189.9	6068.2	5895.9	5737.1	5561.4
-32.5°	5443.2	5385.7	5372.2	5335.0	5314.8	5250.6	5162.7	5074.9	4936.3	4818.1	4676.2
-35°	4436.3	4395.7	4399.1	4395.7	4375.5	4328.2	4220.0	4196.4	4095.0	3986.9	3895.7
-37.5°	3632.1	3635.5	3632.1	3628.8	3601.7	3581.5	3503.8	3473.3	3412.5	3307.8	3253.7
-40°	3027.4	3034.1	3030.7	3024.0	2993.6	2983.4	2932.7	2892.2	2868.6	2794.2	2736.8
-42.5°	2537.4	2547.6	2544.2	2540.8	2520.5	2517.2	2490.1	2442.8	2429.3	2385.4	2324.6
-45°	2165.8	2162.4	2155.6	2162.4	2152.3	2142.1	2125.2	2094.8	2077.9	2057.7	2007.0
-47.5°	1871.8	1875.2	1868.4	1868.4	1854.9	1844.8	1838.0	1817.8	1804.2	1787.4	1756.9
-50°	1628.6	1642.1	1638.7	1635.3	1625.2	1618.4	1618.4	1598.1	1577.9	1571.1	1550.8
-52.5°	1439.3	1449.5	1452.9	1459.6	1463.0	1466.4	1456.2	1436.0	1402.2	1398.8	1388.7
-55°	1267.0	1297.4	1317.7	1331.2	1344.7	1354.9	1334.6	1307.6	1273.8	1260.3	1256.9
-57.5°	1148.8	1179.2	1202.8	1223.1	1240.0	1256.9	1236.6	1209.6	1179.2	1162.3	1158.9
-60°	1040.7	1067.7	1091.3	1118.4	1142.0	1169.0	1158.9	1138.6	1121.7	1108.2	1094.7
-62.5°	925.8	952.8	979.8	1013.6	1044.0	1071.1	1074.4	1071.1	1067.7	1071.1	1047.4
-65°	831.2	844.7	861.6	898.7	932.5	962.9	979.8	990.0	1006.9	1023.8	1000.1
-67.5°	729.8	746.7	767.0	794.0	821.0	841.3	865.0	892.0	919.0	946.0	929.2
-70°	638.6	652.1	669.0	682.5	699.4	712.9	733.2	763.6	794.0	821.0	814.3
-72.5°	544.0	557.5	567.6	574.4	584.5	591.3	601.4	628.4	648.7	662.2	662.2
-75°	449.4	462.9	473.0	476.4	483.2	486.5	493.3	503.4	513.6	516.9	520.3
-77.5°	344.6	358.1	368.3	375.0	381.8	388.6	391.9	398.7	402.1	402.1	405.4
-80°	256.8	266.9	273.7	283.8	287.2	294.0	300.7	304.1	307.5	307.5	310.8
-82.5°	182.5	189.2	196.0	202.7	209.5	212.9	219.6	223.0	226.4	229.8	233.1
-85°	121.6	128.4	135.1	141.9	145.3	148.7	152.0	155.4	158.8	162.2	165.6
-87.5°	71.0	74.3	77.7	84.5	87.8	94.6	98.0	94.6	98.0	98.0	98.0
-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°	131.8	131.8	131.8	131.8	128.4	121.6	118.3	111.5	104.7	98.0	91.2
85°	273.7	277.1	277.1	277.1	270.3	266.9	256.8	246.6	233.1	212.9	196.0
82.5°	456.1	459.5	459.5	456.1	449.4	439.2	425.7	408.8	381.8	354.8	331.1
80°	685.9	689.3	689.3	685.9	669.0	652.1	635.2	614.9	581.1	544.0	503.4
77.5°	959.6	966.3	966.3	956.2	932.5	912.3	885.2	851.4	800.8	746.7	692.6
75°	1277.2	1294.1	1297.4	1287.3	1256.9	1219.7	1175.8	1118.4	1040.7	973.1	908.9
72.5°	1645.4	1662.3	1675.9	1662.3	1618.4	1567.7	1503.5	1436.0	1358.3	1267.0	1158.9
70°	2128.6	2145.5	2155.6	2111.7	2034.0	1949.5	1871.8	1794.1	1702.9	1591.4	1473.1
67.5°	2736.8	2719.9	2699.6	2611.8	2513.8	2412.4	2304.3	2189.4	2071.2	1952.9	1814.4
65°	3321.3	3274.0	3230.1	3125.3	3000.3	2868.6	2743.5	2615.1	2473.2	2324.6	2192.8
62.5°	3936.2	3834.9	3726.8	3598.4	3470.0	3324.7	3199.7	3047.6	2888.8	2706.4	2537.4
60°	4541.0	4419.4	4311.3	4152.5	3983.5	3787.6	3652.4	3503.8	3317.9	3122.0	2922.6
57.5°	5125.6	4993.8	4875.5	4737.0	4554.5	4341.7	4193.0	4000.4	3804.5	3557.8	3355.1
55°	5747.2	5615.5	5520.9	5365.4	5166.1	4970.1	4808.0	4605.2	4331.5	4068.0	3818.0
52.5°	6460.2	6355.4	6254.1	6095.3	5855.4	5656.0	5476.9	5250.6	4963.4	4639.0	4338.3
50°	7257.5	7203.5	7095.4	6909.5	6635.9	6460.2	6223.6	5922.9	5615.5	5274.2	4899.2
47.5°	8315.1	8227.2	8075.2	7872.5	7642.7	7379.2	7061.6	6710.2	6274.3	5895.9	5497.2
45°	9578.7	9416.6	9220.6	8946.9	8663.1	8365.8	8017.8	7571.8	6987.2	6493.9	6075.0
42.5°	10947.1	10727.5	10460.6	10102.4	9734.2	9369.3	8994.2	8386.0	7656.2	7088.6	6615.6
40°	12376.3	12095.9	11761.4	11241.1	10832.2	10362.6	9933.5	9024.6	8247.5	7632.6	7129.1
37.5°	13775.1	13420.4	12859.5	12227.7	11751.3	11366.1	10423.4	9450.3	8754.3	8078.6	7568.4
35°	14846.2	14545.5	13555.5	12900.0	12491.2	11883.0	10703.9	9707.1	8970.6	8409.7	7615.7
32.5°	15481.4	14704.3	13836.0	13173.7	12835.8	11839.1	10724.1	9781.5	9071.9	8443.5	7494.1
30°	15339.5	14400.2	13640.0	13085.9	12352.7	11457.3	10534.9	9666.6	8977.3	8217.1	7358.9
27.5°	14484.7	13758.2	13079.1	12501.3	11781.7	10977.5	10126.1	9362.5	8720.5	7984.0	7173.1
25°	13518.3	12859.5	12356.1	11852.6	11170.1	10403.1	9653.1	9102.3	8457.0	7730.6	6929.8
22.5°	12629.7	12156.7	11761.4	11234.3	10568.7	9899.7	9433.4	8862.4	8200.2	7463.6	6679.8
20°	12062.1	11741.1	11288.4	10707.2	10183.5	9764.6	9247.6	8642.8	7960.3	7190.0	6466.9
17.5°	11788.4	11416.8	10913.3	10534.9	10132.8	9673.3	9095.6	8453.6	7727.2	7065.0	6490.6
15°	11646.5	11254.6	10923.5	10551.8	10099.1	9615.9	8973.9	8308.3	7727.2	7115.6	6507.5
12.5°	11676.9	11339.1	10977.5	10572.1	10085.5	9568.6	8987.5	8369.1	7767.7	7152.8	6510.8
10°	11771.5	11416.8	11031.6	10582.2	10092.3	9582.1	9024.6	8406.3	7788.0	7169.7	6504.1
7.5°	11805.3	11420.1	11007.9	10555.2	10075.4	9575.4	9031.4	8416.4	7791.4	7166.3	6483.8
5°	11700.6	11352.6	10953.9	10497.8	10028.1	9541.6	9004.3	8402.9	7764.4	7132.5	6433.1
2.5°	11558.7	11278.2	10896.4	10457.2	9980.8	9494.3	8960.4	8342.1	7703.5	7071.7	6368.9
0°	11535.0	11187.0	10801.8	10409.9	9903.1	9389.5	8859.1	8227.2	7592.0	6956.8	6257.4
-2.5°	11379.6	11011.3	10626.1	10200.4	9754.4	9237.5	8680.0	8061.7	7433.2	6808.2	6135.8
-5°	11261.3	10852.5	10443.7	9984.2	9534.8	9017.9	8440.1	7838.7	7223.8	6615.6	5966.9
-7.5°	11102.5	10683.6	10254.5	9774.7	9288.2	8761.1	8190.1	7588.7	6983.9	6379.1	5757.4
-10°	10781.6	10413.3	10011.2	9514.5	9001.0	8473.9	7906.3	7315.0	6710.2	6098.6	5473.6
-12.5°	10393.0	10004.5	9565.2	9109.1	8649.6	8159.7	7592.0	7010.9	6402.7	5787.8	5166.1
-15°	9889.6	9507.8	9058.4	8612.4	8169.8	7700.2	7200.1	6676.4	6058.1	5453.3	4831.6
-17.5°	9261.1	8903.0	8500.9	8075.2	7636.0	7162.9	6676.4	6233.8	5656.0	5088.4	4473.5
-20°	8585.4	8250.9	7889.4	7487.3	7048.1	6585.2	6125.7	5662.8	5162.7	4662.7	4091.7



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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°	7882.6	7544.7	7179.8	6804.8	6399.3	5970.2	5544.5	5101.9	4662.7	4209.9	3726.8
-25°	7071.7	6774.4	6439.9	6075.0	5713.5	5338.4	4933.0	4530.9	4155.9	3763.9	3368.6
-27.5°	6223.6	5950.0	5645.9	5328.3	5017.4	4703.2	4351.8	3980.2	3669.3	3345.0	3017.2
-30°	5331.7	5112.0	4865.4	4588.3	4348.4	4095.0	3801.1	3493.6	3209.8	2963.2	2699.6
-32.5°	4487.0	4301.1	4125.4	3943.0	3706.5	3510.5	3307.8	3081.4	2831.4	2598.3	2409.0
-35°	3760.5	3561.2	3486.9	3351.7	3182.8	3010.5	2861.8	2699.6	2510.4	2304.3	2148.9
-37.5°	3149.0	3030.7	2926.0	2851.7	2740.2	2601.6	2483.4	2365.1	2219.8	2064.4	1909.0
-40°	2672.6	2591.5	2476.6	2439.5	2368.5	2273.9	2152.3	2061.0	1963.0	1844.8	1713.0
-42.5°	2290.8	2230.0	2155.6	2091.4	2061.0	1993.5	1898.9	1811.0	1733.3	1652.2	1550.8
-45°	1976.6	1936.0	1888.7	1831.3	1807.6	1753.6	1686.0	1588.0	1544.1	1476.5	1402.2
-47.5°	1723.2	1702.9	1669.1	1631.9	1598.1	1557.6	1496.8	1436.0	1375.1	1331.2	1273.8
-50°	1523.8	1510.3	1490.0	1459.6	1415.7	1388.7	1348.1	1294.1	1236.6	1199.5	1158.9
-52.5°	1365.0	1351.5	1338.0	1314.3	1280.5	1253.5	1219.7	1175.8	1128.5	1091.3	1057.5
-55°	1243.4	1223.1	1213.0	1192.7	1165.7	1135.3	1104.8	1074.4	1033.9	1000.1	966.3
-57.5°	1148.8	1121.7	1108.2	1091.3	1064.3	1033.9	1010.2	979.8	952.8	915.6	885.2
-60°	1074.4	1044.0	1017.0	1000.1	976.5	946.0	922.4	898.7	871.7	841.3	804.1
-62.5°	1013.6	976.5	939.3	919.0	895.4	868.3	844.7	821.0	794.0	763.6	729.8
-65°	956.2	912.3	865.0	844.7	821.0	794.0	763.6	746.7	723.1	696.0	662.2
-67.5°	885.2	837.9	797.4	773.7	750.1	726.4	699.4	682.5	658.9	625.1	591.3
-70°	780.5	750.1	723.1	702.8	682.5	662.2	635.2	608.2	581.1	550.7	520.3
-72.5°	648.7	638.6	635.2	625.1	601.4	577.8	550.7	523.7	500.1	476.4	452.8
-75°	523.7	530.5	537.2	533.8	510.2	486.5	462.9	439.2	422.3	402.1	381.8
-77.5°	415.6	422.3	429.1	429.1	412.2	398.7	381.8	364.9	351.4	334.5	314.2
-80°	321.0	331.1	341.3	348.0	334.5	324.4	310.8	297.3	283.8	270.3	256.8
-82.5°	243.3	253.4	263.5	270.3	260.2	253.4	243.3	233.1	223.0	209.5	199.3
-85°	175.7	182.5	189.2	192.6	185.8	179.1	172.3	165.6	158.8	148.7	141.9
-87.5°	101.4	104.7	108.1	111.5	104.7	98.0	94.6	87.8	84.5	77.7	74.3
-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°	84.5	77.7	71.0	67.6	60.8	50.7	43.9	37.2	30.4	23.7	20.3
85°	179.1	162.2	141.9	131.8	118.3	104.7	91.2	77.7	64.2	50.7	37.2
82.5°	307.5	287.2	266.9	243.3	212.9	175.7	138.5	114.9	94.6	74.3	57.4
80°	462.9	425.7	391.9	361.5	327.7	280.4	229.8	182.5	128.4	98.0	74.3
77.5°	642.0	598.0	550.7	500.1	446.0	381.8	324.4	263.5	199.3	135.1	94.6
75°	844.7	787.2	723.1	652.1	581.1	496.7	415.6	344.6	270.3	189.2	114.9
72.5°	1071.1	1000.1	922.4	827.8	716.3	618.3	520.3	425.7	337.9	239.9	155.4
70°	1361.6	1250.1	1135.3	1033.9	892.0	736.6	621.7	513.6	402.1	294.0	196.0
67.5°	1672.5	1537.3	1398.8	1250.1	1071.1	888.6	723.1	601.4	469.6	344.6	233.1
65°	2010.4	1841.4	1665.7	1500.2	1253.5	1037.3	851.4	685.9	533.8	391.9	270.3
62.5°	2358.4	2159.0	1956.3	1740.1	1456.2	1189.3	973.1	780.5	594.7	435.9	304.1
60°	2730.0	2496.9	2250.2	1979.9	1648.8	1354.9	1088.0	878.5	658.9	479.8	341.3
57.5°	3122.0	2868.6	2578.0	2213.1	1848.2	1513.7	1219.7	966.3	716.3	520.3	368.3
55°	3547.7	3257.1	2939.5	2456.3	2044.1	1672.5	1351.5	1054.2	777.1	554.1	395.3
52.5°	4007.2	3669.3	3267.2	2713.1	2250.2	1834.7	1473.1	1131.9	834.5	591.3	419.0
50°	4520.8	4095.0	3554.4	2949.6	2429.3	1986.7	1594.8	1216.3	881.9	631.8	439.2
47.5°	5054.6	4595.1	3811.2	3169.3	2611.8	2135.4	1719.8	1290.7	929.2	665.6	459.5
45°	5612.1	4943.1	4078.1	3365.2	2770.6	2270.5	1814.4	1358.3	986.6	696.0	476.4
42.5°	6162.8	5206.6	4311.3	3561.2	2919.2	2392.1	1892.1	1422.5	1033.9	726.4	493.3
40°	6423.0	5406.0	4497.1	3696.3	3044.2	2500.3	1959.7	1479.9	1074.4	746.7	510.2
37.5°	6531.1	5527.6	4618.7	3824.7	3142.2	2557.7	2017.1	1530.6	1108.2	767.0	523.7
35°	6554.8	5571.5	4679.6	3912.6	3223.3	2611.8	2061.0	1567.7	1135.3	787.2	537.2
32.5°	6510.8	5558.0	4696.5	3943.0	3274.0	2652.3	2091.4	1594.8	1155.5	807.5	550.7
30°	6412.9	5487.1	4635.6	3939.6	3311.2	2676.0	2111.7	1615.0	1175.8	821.0	557.5
27.5°	6254.1	5362.1	4557.9	3943.0	3331.4	2686.1	2121.9	1625.2	1189.3	831.2	571.0
25°	6058.1	5193.1	4561.3	3936.2	3334.8	2689.5	2121.9	1625.2	1192.7	834.5	581.1
22.5°	5831.7	5193.1	4561.3	3926.1	3314.5	2682.7	2111.7	1618.4	1192.7	841.3	591.3
20°	5845.2	5196.5	4551.2	3905.8	3284.1	2662.4	2088.1	1601.5	1182.6	851.4	598.0
17.5°	5855.4	5189.7	4530.9	3878.8	3243.6	2628.7	2057.7	1577.9	1182.6	861.6	601.4
15°	5855.4	5169.5	4500.5	3838.3	3192.9	2581.4	2013.7	1557.6	1185.9	865.0	608.2
12.5°	5845.2	5132.3	4453.2	3784.2	3132.1	2523.9	1986.7	1550.8	1185.9	868.3	608.2
10°	5825.0	5081.6	4392.4	3716.6	3074.7	2503.6	1973.2	1537.3	1179.2	868.3	608.2
7.5°	5787.8	5020.8	4341.7	3676.1	3040.9	2480.0	1952.9	1517.1	1169.0	861.6	614.9
5°	5730.3	4987.0	4301.1	3628.8	2993.6	2463.1	1939.4	1500.2	1162.3	861.6	608.2
2.5°	5656.0	4946.5	4253.8	3568.0	2939.5	2405.7	1895.5	1463.0	1138.6	848.1	601.4
0°	5534.4	4865.4	4172.7	3483.5	2865.2	2348.2	1851.6	1425.8	1115.0	834.5	594.7
-2.5°	5422.9	4757.3	4068.0	3395.6	2794.2	2297.5	1817.8	1405.6	1104.8	831.2	591.3
-5°	5267.5	4608.6	3929.5	3280.8	2699.6	2246.9	1784.0	1381.9	1094.7	824.4	591.3
-7.5°	5095.1	4453.2	3784.2	3162.5	2605.0	2159.0	1719.8	1344.7	1071.1	810.9	587.9
-10°	4828.2	4220.0	3601.7	3027.4	2503.6	2081.3	1665.7	1311.0	1050.8	797.4	574.4
-12.5°	4544.4	3963.3	3392.3	2861.8	2388.8	2000.2	1604.9	1273.8	1027.1	783.9	567.6
-15°	4243.7	3699.7	3172.6	2689.5	2263.8	1902.2	1540.7	1233.2	1003.5	767.0	557.5
-17.5°	3929.5	3422.7	2946.3	2513.8	2138.7	1800.9	1473.1	1196.1	976.5	750.1	547.4
-20°	3598.4	3138.9	2716.5	2334.7	2007.0	1699.5	1402.2	1152.2	946.0	729.8	533.8



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CATALOG NUMBER: IFLD-L-SA8A-730-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3270.6	2858.4	2480.0	2159.0	1871.8	1594.8	1331.2	1108.2	912.3	706.2	523.7
-25°	2980.1	2594.9	2270.5	1990.1	1740.1	1493.4	1256.9	1064.3	875.1	682.5	510.2
-27.5°	2696.2	2368.5	2064.4	1831.3	1611.7	1395.4	1185.9	1017.0	837.9	655.5	496.7
-30°	2432.7	2152.3	1902.2	1675.9	1490.0	1307.6	1125.1	969.7	797.4	628.4	479.8
-32.5°	2192.8	1966.4	1756.9	1540.7	1375.1	1219.7	1067.7	922.4	756.8	601.4	462.9
-35°	1969.8	1794.1	1611.7	1429.2	1260.3	1138.6	1006.9	871.7	719.7	571.0	446.0
-37.5°	1770.5	1628.6	1483.3	1327.8	1182.6	1060.9	949.4	821.0	682.5	544.0	429.1
-40°	1598.1	1483.3	1354.9	1229.9	1108.2	993.4	892.0	770.4	645.3	523.7	412.2
-42.5°	1439.3	1351.5	1246.8	1142.0	1033.9	932.5	834.5	716.3	608.2	500.1	395.3
-45°	1317.7	1229.9	1145.4	1050.8	959.6	871.7	773.7	669.0	574.4	473.0	378.4
-47.5°	1202.8	1125.1	1047.4	969.7	895.4	814.3	716.3	628.4	537.2	449.4	364.9
-50°	1101.5	1027.1	959.6	892.0	827.8	750.1	658.9	587.9	506.8	425.7	348.0
-52.5°	1006.9	942.7	875.1	821.0	767.0	689.3	614.9	547.4	476.4	398.7	331.1
-55°	922.4	861.6	800.8	750.1	699.4	631.8	571.0	513.6	446.0	378.4	314.2
-57.5°	841.3	790.6	733.2	685.9	635.2	581.1	530.5	476.4	415.6	358.1	297.3
-60°	767.0	719.7	669.0	621.7	577.8	533.8	486.5	442.6	388.6	334.5	280.4
-62.5°	692.6	652.1	608.2	560.9	527.1	486.5	449.4	405.4	361.5	314.2	250.0
-65°	625.1	587.9	547.4	506.8	476.4	446.0	412.2	371.7	334.5	290.6	223.0
-67.5°	557.5	523.7	489.9	456.1	429.1	405.4	371.7	341.3	310.8	263.5	196.0
-70°	493.3	466.3	435.9	408.8	388.6	361.5	337.9	310.8	283.8	229.8	165.6
-72.5°	432.5	405.4	381.8	361.5	344.6	321.0	300.7	280.4	243.3	192.6	138.5
-75°	361.5	344.6	331.1	314.2	297.3	280.4	263.5	239.9	202.7	155.4	108.1
-77.5°	297.3	287.2	277.1	263.5	250.0	236.5	216.2	192.6	162.2	121.6	87.8
-80°	243.3	233.1	226.4	212.9	202.7	189.2	168.9	148.7	118.3	94.6	71.0
-82.5°	185.8	179.1	172.3	165.6	155.4	141.9	121.6	104.7	87.8	71.0	54.1
-85°	131.8	128.4	121.6	114.9	104.7	94.6	81.1	71.0	60.8	47.3	37.2
-87.5°	67.6	64.2	60.8	57.4	54.1	47.3	40.5	33.8	30.4	23.7	16.9
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	13.5	10.1	3.4	0.0
85°	27.0	16.9	6.8	0.0
82.5°	40.5	27.0	10.1	0.0
80°	54.1	33.8	16.9	0.0
77.5°	67.6	40.5	20.3	0.0
75°	81.1	50.7	23.7	0.0
72.5°	91.2	57.4	27.0	0.0
70°	108.1	67.6	30.4	0.0
67.5°	135.1	74.3	33.8	0.0
65°	158.8	81.1	37.2	0.0
62.5°	185.8	87.8	40.5	0.0
60°	209.5	94.6	43.9	0.0
57.5°	233.1	111.5	47.3	0.0
55°	253.4	125.0	50.7	0.0
52.5°	277.1	138.5	54.1	0.0
50°	297.3	152.0	57.4	0.0
47.5°	314.2	165.6	57.4	0.0
45°	327.7	175.7	60.8	0.0
42.5°	337.9	185.8	64.2	0.0
40°	348.0	196.0	67.6	0.0
37.5°	358.1	206.1	67.6	0.0
35°	368.3	216.2	71.0	0.0
32.5°	378.4	226.4	71.0	0.0
30°	385.2	233.1	74.3	0.0
27.5°	395.3	239.9	74.3	0.0
25°	398.7	246.6	77.7	0.0
22.5°	405.4	250.0	77.7	0.0
20°	412.2	256.8	77.7	0.0
17.5°	415.6	260.2	81.1	0.0
15°	415.6	263.5	84.5	0.0
12.5°	419.0	266.9	84.5	0.0
10°	419.0	273.7	81.1	0.0
7.5°	425.7	270.3	81.1	0.0
5°	422.3	270.3	81.1	0.0
2.5°	419.0	266.9	81.1	0.0
0°	415.6	266.9	81.1	0.0
-2.5°	415.6	266.9	81.1	0.0
-5°	415.6	266.9	81.1	0.0
-7.5°	412.2	270.3	81.1	0.0
-10°	405.4	270.3	81.1	0.0
-12.5°	402.1	260.2	81.1	0.0
-15°	398.7	256.8	81.1	0.0
-17.5°	391.9	253.4	77.7	0.0
-20°	385.2	250.0	77.7	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	378.4	243.3	77.7	0.0
-25°	371.7	236.5	74.3	0.0
-27.5°	364.9	229.8	74.3	0.0
-30°	354.8	223.0	71.0	0.0
-32.5°	344.6	216.2	71.0	0.0
-35°	337.9	206.1	67.6	0.0
-37.5°	327.7	196.0	67.6	0.0
-40°	317.6	185.8	64.2	0.0
-42.5°	307.5	175.7	60.8	0.0
-45°	294.0	165.6	60.8	0.0
-47.5°	283.8	155.4	57.4	0.0
-50°	266.9	141.9	54.1	0.0
-52.5°	246.6	128.4	50.7	0.0
-55°	226.4	118.3	47.3	0.0
-57.5°	206.1	104.7	47.3	0.0
-60°	185.8	91.2	43.9	0.0
-62.5°	165.6	84.5	40.5	0.0
-65°	145.3	77.7	37.2	0.0
-67.5°	121.6	67.6	33.8	0.0
-70°	101.4	60.8	30.4	0.0
-72.5°	87.8	54.1	27.0	0.0
-75°	74.3	47.3	23.7	0.0
-77.5°	64.2	40.5	20.3	0.0
-80°	50.7	30.4	13.5	0.0
-82.5°	37.2	23.7	10.1	0.0
-85°	23.7	16.9	6.8	0.0
-87.5°	13.5	6.8	3.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)