

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: P722037

Luminaire Tested: **IFLD-L-SA7A-730-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722037  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-730-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (112) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

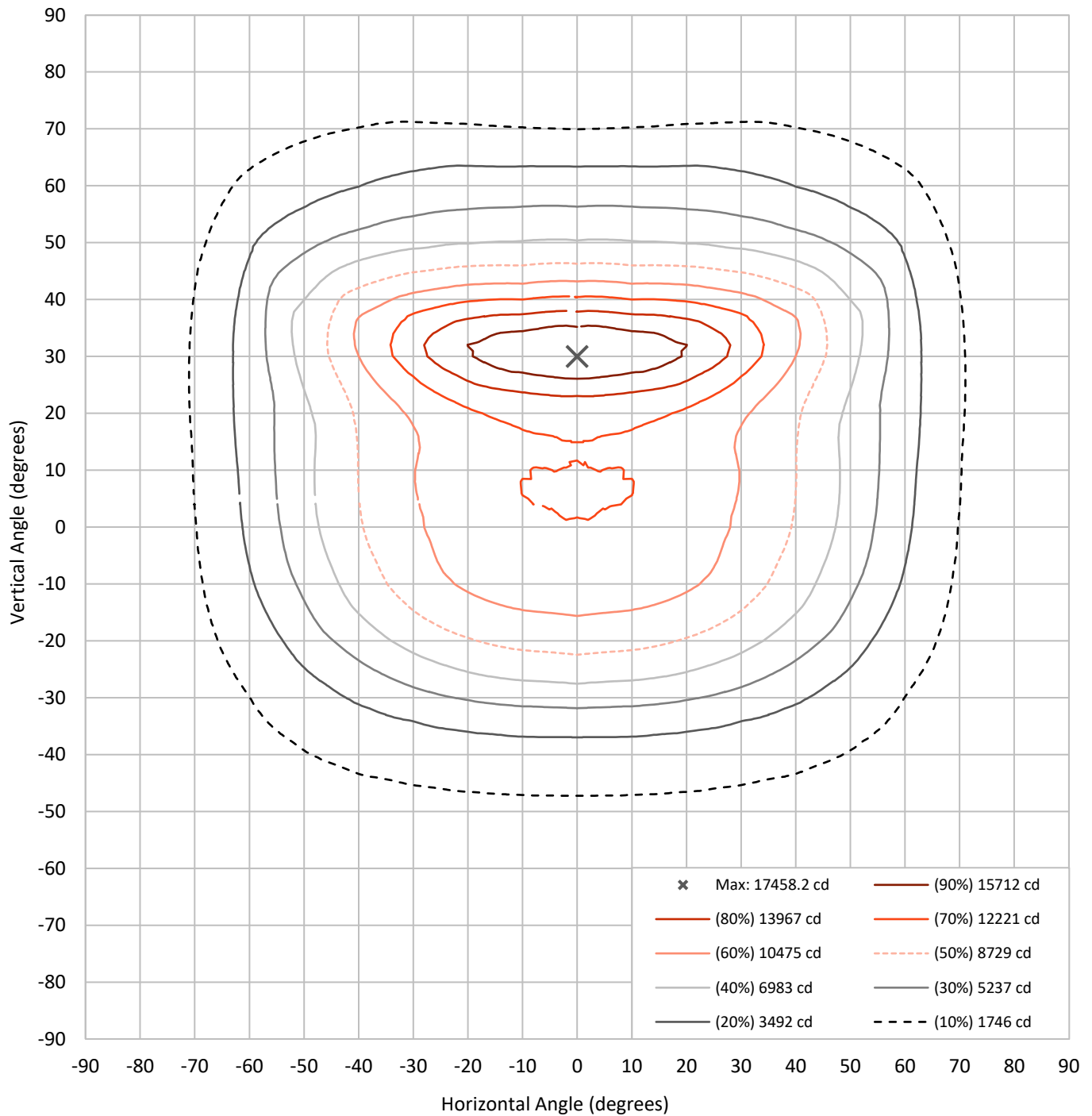
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	29142.1 lumens	Max Intensity:	17458.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	133.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	16946.5 lumens	Field Lumens:	27309.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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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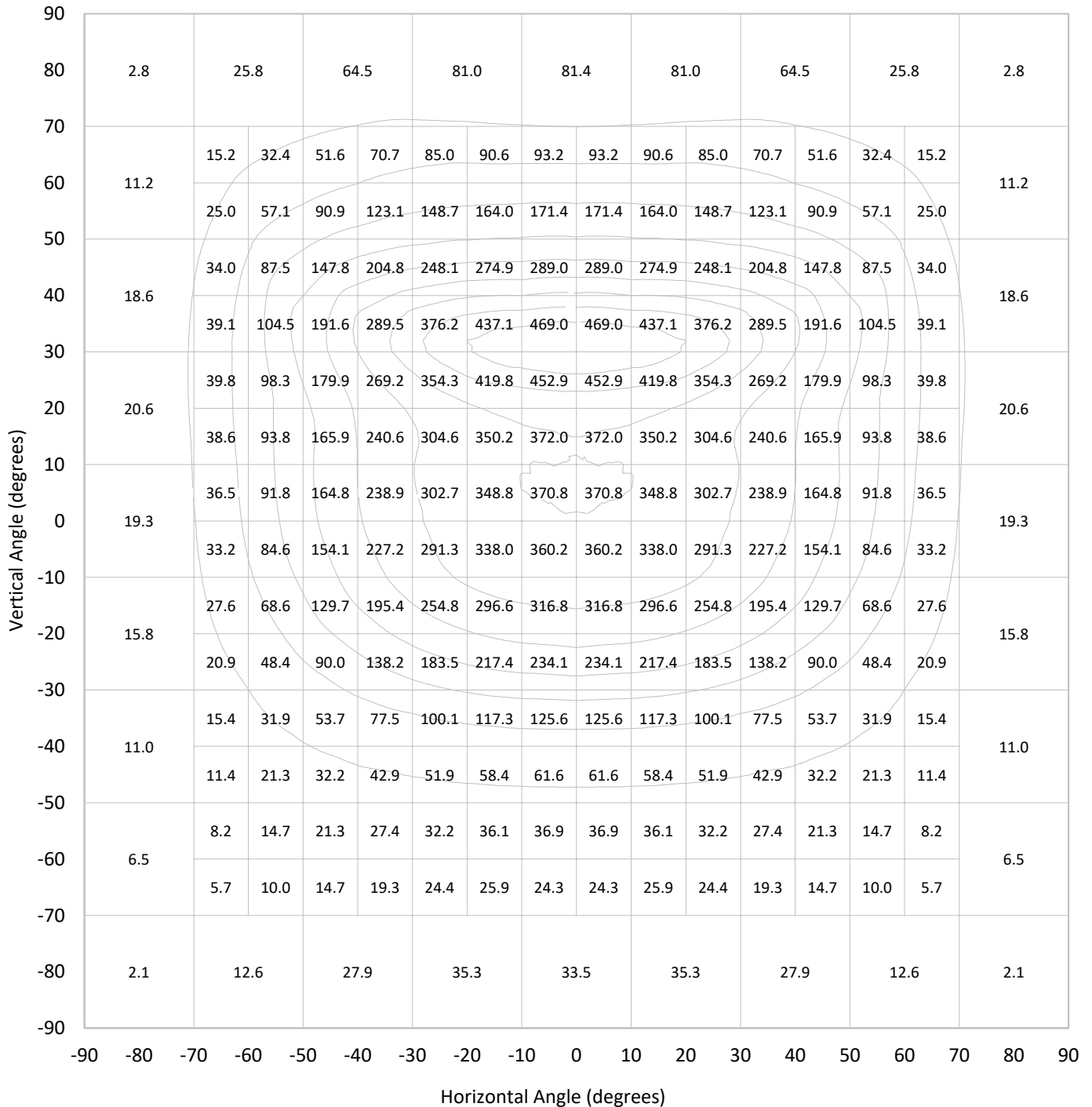
### Iso-Candela Plot





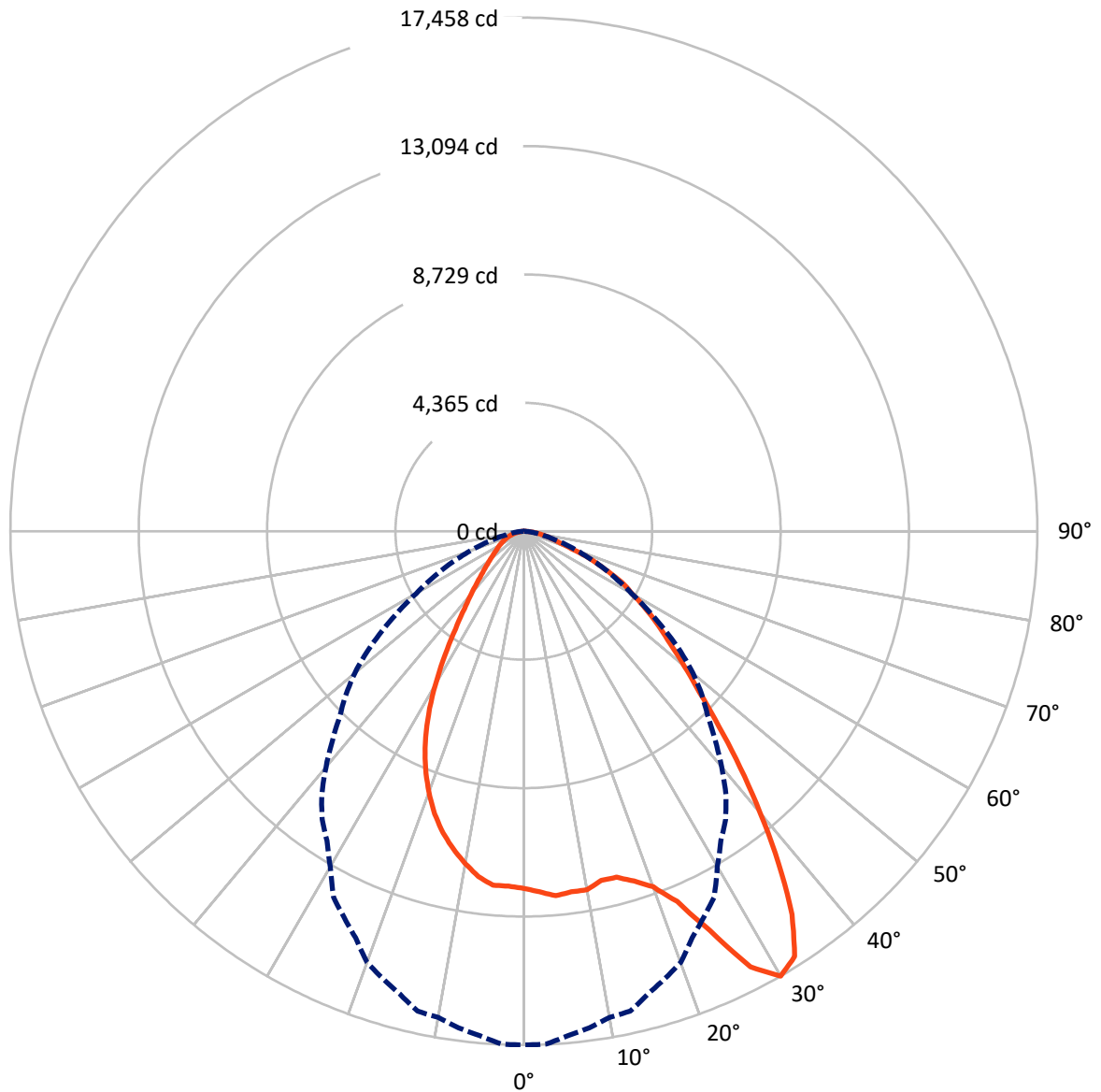
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### Lumen Table



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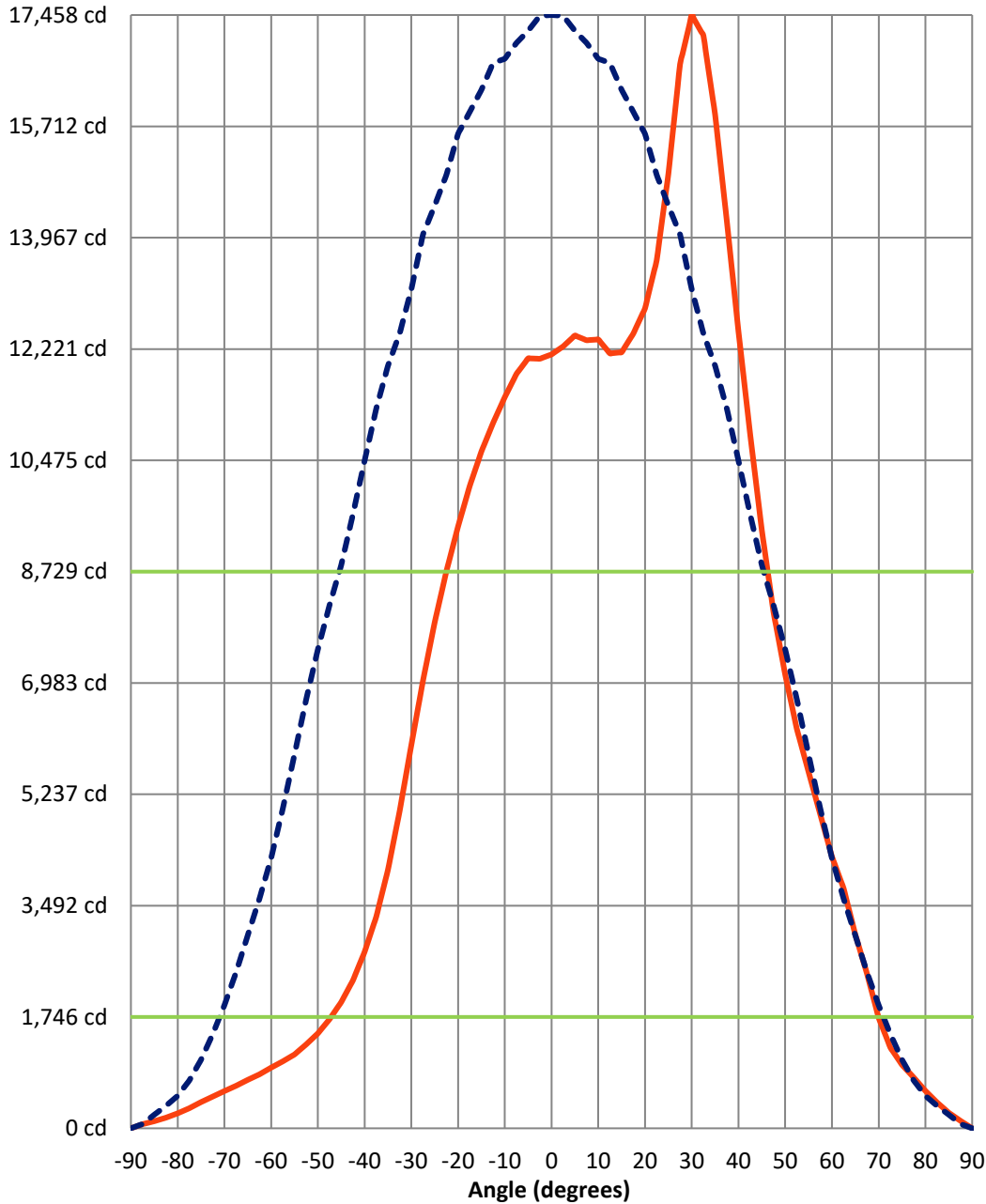
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 30-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 90.8°  
 V Angle: 68.8°  
 Lumens: 16946.5  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 27309.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1832.2  
 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°	117.3	120.4	123.5	123.5	120.4	120.4	120.4	117.3	120.4	120.4	120.4
85°	243.9	250.1	256.2	253.2	250.1	243.9	237.7	240.8	243.9	247.0	247.0
82.5°	404.4	413.7	419.9	416.8	410.6	404.4	398.3	401.3	407.5	410.6	410.6
80°	586.6	589.7	592.7	598.9	589.7	589.7	586.6	598.9	605.1	611.3	617.4
77.5°	796.5	799.6	799.6	802.7	805.8	808.9	808.9	830.5	845.9	855.2	864.4
75°	994.1	1003.3	1012.6	1021.9	1034.2	1040.4	1049.7	1080.5	1105.2	1123.7	1142.3
72.5°	1265.8	1278.1	1293.5	1315.2	1336.8	1352.2	1373.8	1410.9	1438.6	1457.2	1478.8
70°	1731.9	1744.3	1759.7	1775.1	1796.8	1812.2	1833.8	1880.1	1907.9	1920.2	1932.6
67.5°	2423.5	2454.3	2482.1	2451.2	2435.8	2414.2	2420.4	2463.6	2491.4	2509.9	2506.8
65°	3037.8	3059.4	3059.4	3056.3	3044.0	3016.2	3031.6	3084.1	3115.0	3130.4	3084.1
62.5°	3760.2	3760.2	3744.8	3769.5	3772.6	3754.1	3744.8	3747.9	3751.0	3760.2	3683.0
60°	4260.4	4291.2	4300.5	4322.1	4328.3	4328.3	4343.7	4356.1	4356.1	4337.5	4248.0
57.5°	4921.0	4979.7	4992.0	4976.6	4945.7	4905.6	4899.4	4880.9	4843.8	4806.8	4763.6
55°	5587.9	5618.7	5615.6	5606.4	5575.5	5529.2	5535.4	5510.7	5452.0	5405.7	5347.1
52.5°	6257.8	6331.9	6344.2	6325.7	6282.5	6233.1	6236.2	6208.4	6149.7	6100.3	6020.1
50°	7112.9	7174.7	7168.5	7137.6	7075.9	7038.9	7041.9	6989.5	6921.5	6906.1	6801.1
47.5°	8091.6	8162.6	8150.3	8107.0	8023.7	8008.2	8023.7	7955.8	7915.6	7881.7	7758.2
45°	9375.9	9459.2	9412.9	9329.6	9196.8	9212.3	9233.9	9221.5	9135.1	9045.5	8888.1
42.5°	10882.4	10934.9	10879.3	10796.0	10629.3	10660.2	10647.8	10573.7	10521.2	10373.0	10172.4
40°	12494.0	12608.2	12521.7	12392.1	12219.2	12265.5	12231.5	12135.8	12012.4	11827.1	11574.0
37.5°	14232.1	14321.6	14222.8	14071.5	13917.2	13901.7	13833.8	13685.6	13509.7	13305.9	12901.5
35°	15896.1	16127.6	15945.5	15704.7	15516.3	15445.3	15380.5	15037.8	14837.2	14506.8	13954.2
32.5°	17134.0	17303.8	17078.5	16828.4	16600.0	16501.2	16272.7	15865.2	15757.2	15062.5	14556.2
30°	17458.2	17445.9	17211.2	17019.8	16772.8	16704.9	16285.1	15939.3	15593.5	14951.4	14469.8
27.5°	16686.4	16609.2	16383.9	16217.1	15973.3	15893.0	15479.3	15294.1	14760.0	14216.6	13809.1
25°	14966.8	15007.0	14837.2	14753.8	14593.3	14420.4	14256.8	14006.7	13673.3	13197.8	12824.3
22.5°	13611.5	13664.0	13593.0	13494.2	13370.7	13275.0	13151.5	12957.0	12636.0	12342.7	11990.7
20°	12858.3	12842.8	12781.1	12707.0	12589.7	12521.7	12385.9	12222.3	11975.3	11722.2	11342.4
17.5°	12463.1	12367.4	12308.7	12280.9	12219.2	12132.8	11972.2	11805.5	11614.1	11327.0	11049.1
15°	12169.8	12185.2	12138.9	12117.3	12067.9	11947.5	11783.9	11648.1	11388.7	11243.6	10990.5
12.5°	12151.3	12135.8	12138.9	12129.7	12067.9	11913.6	11830.2	11657.3	11490.6	11299.2	11009.0
10°	12370.5	12206.9	12219.2	12262.4	12163.6	12040.1	11950.6	11762.3	11604.8	11361.0	11073.8
7.5°	12358.1	12274.8	12299.5	12228.5	12259.3	12108.1	11984.6	11796.3	11598.7	11339.3	11080.0
5°	12432.2	12305.6	12284.0	12290.2	12213.0	12098.8	11932.1	11753.0	11567.8	11277.6	11012.1
2.5°	12262.4	12280.9	12182.2	12145.1	12135.8	11944.4	11790.1	11617.2	11425.8	11169.5	10931.8
0°	12135.8	12169.8	12067.9	12015.4	12012.4	11848.7	11749.9	11552.4	11416.5	11203.5	10916.4
-2.5°	12067.9	12108.1	12120.4	12024.7	11932.1	11805.5	11638.8	11425.8	11203.5	10956.5	10709.6
-5°	12074.1	11993.8	11959.9	11990.7	11910.5	11783.9	11598.7	11410.4	11191.2	10925.7	10616.9
-7.5°	11830.2	11749.9	11743.8	11728.3	11709.8	11589.4	11435.0	11231.3	11009.0	10762.0	10474.9
-10°	11465.9	11407.3	11391.8	11376.4	11327.0	11256.0	11110.9	10925.7	10725.0	10478.0	10172.4
-12.5°	11061.5	11033.7	10975.1	10934.9	10885.5	10802.2	10663.2	10493.4	10292.8	10073.6	9811.2
-15°	10613.8	10561.4	10502.7	10468.7	10397.7	10299.0	10160.0	10002.6	9783.4	9567.3	9320.3
-17.5°	10073.6	10008.8	9943.9	9934.7	9885.3	9734.0	9604.3	9412.9	9221.5	9014.7	8773.9
-20°	9437.6	9348.1	9304.9	9280.2	9212.3	9101.1	8962.2	8786.2	8601.0	8403.4	8125.6



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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°	8733.7	8656.6	8582.5	8536.2	8477.5	8391.1	8258.3	8103.9	7921.8	7699.5	7443.3
-25°	7934.1	7826.1	7779.8	7727.3	7696.4	7616.2	7486.5	7344.5	7156.2	6940.1	6696.2
-27.5°	7020.3	6933.9	6909.2	6835.1	6798.0	6714.7	6606.6	6473.9	6301.0	6097.3	5896.6
-30°	6010.8	5958.3	5918.2	5844.1	5816.3	5726.8	5655.8	5544.6	5387.2	5242.1	5081.6
-32.5°	4973.5	4921.0	4908.7	4874.7	4856.2	4797.5	4717.3	4637.0	4510.4	4402.4	4272.7
-35°	4053.5	4016.5	4019.6	4016.5	3997.9	3954.7	3855.9	3834.3	3741.7	3642.9	3559.6
-37.5°	3318.8	3321.8	3318.8	3315.7	3291.0	3272.4	3201.4	3173.7	3118.1	3022.4	2973.0
-40°	2766.1	2772.3	2769.2	2763.1	2735.3	2726.0	2679.7	2642.7	2621.0	2553.1	2500.6
-42.5°	2318.5	2327.8	2324.7	2321.6	2303.1	2300.0	2275.3	2232.1	2219.7	2179.6	2124.0
-45°	1978.9	1975.8	1969.6	1975.8	1966.6	1957.3	1941.9	1914.1	1898.6	1880.1	1833.8
-47.5°	1710.3	1713.4	1707.2	1707.2	1694.9	1685.6	1679.4	1660.9	1648.6	1633.1	1605.4
-50°	1488.0	1500.4	1497.3	1494.2	1485.0	1478.8	1478.8	1460.3	1441.7	1435.6	1417.0
-52.5°	1315.2	1324.4	1327.5	1333.7	1336.8	1339.9	1330.6	1312.1	1281.2	1278.1	1268.8
-55°	1157.7	1185.5	1204.0	1216.4	1228.7	1238.0	1219.5	1194.8	1163.9	1151.5	1148.4
-57.5°	1049.7	1077.4	1099.0	1117.6	1133.0	1148.4	1129.9	1105.2	1077.4	1062.0	1058.9
-60°	950.9	975.6	997.2	1021.9	1043.5	1068.2	1058.9	1040.4	1025.0	1012.6	1000.3
-62.5°	845.9	870.6	895.3	926.2	953.9	978.6	981.7	978.6	975.6	978.6	957.0
-65°	759.5	771.8	787.2	821.2	852.1	879.9	895.3	904.6	920.0	935.4	913.8
-67.5°	666.8	682.3	700.8	725.5	750.2	768.7	790.3	815.0	839.7	864.4	849.0
-70°	583.5	595.8	611.3	623.6	639.1	651.4	669.9	697.7	725.5	750.2	744.0
-72.5°	497.0	509.4	518.7	524.8	534.1	540.3	549.5	574.2	592.7	605.1	605.1
-75°	410.6	422.9	432.2	435.3	441.5	444.6	450.7	460.0	469.3	472.3	475.4
-77.5°	314.9	327.2	336.5	342.7	348.9	355.0	358.1	364.3	367.4	367.4	370.5
-80°	234.6	243.9	250.1	259.3	262.4	268.6	274.8	277.8	280.9	280.9	284.0
-82.5°	166.7	172.9	179.1	185.2	191.4	194.5	200.7	203.8	206.8	209.9	213.0
-85°	111.1	117.3	123.5	129.7	132.8	135.8	138.9	142.0	145.1	148.2	151.3
-87.5°	64.8	67.9	71.0	77.2	80.3	86.4	89.5	86.4	89.5	89.5	89.5
-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°	120.4	120.4	120.4	120.4	117.3	111.1	108.1	101.9	95.7	89.5	83.4
85°	250.1	253.2	253.2	253.2	247.0	243.9	234.6	225.4	213.0	194.5	179.1
82.5°	416.8	419.9	419.9	416.8	410.6	401.3	389.0	373.6	348.9	324.2	302.5
80°	626.7	629.8	629.8	626.7	611.3	595.8	580.4	561.9	531.0	497.0	460.0
77.5°	876.8	882.9	882.9	873.7	852.1	833.5	808.9	778.0	731.7	682.3	632.9
75°	1167.0	1182.4	1185.5	1176.2	1148.4	1114.5	1074.4	1021.9	950.9	889.1	830.5
72.5°	1503.5	1518.9	1531.3	1518.9	1478.8	1432.5	1373.8	1312.1	1241.1	1157.7	1058.9
70°	1944.9	1960.4	1969.6	1929.5	1858.5	1781.3	1710.3	1639.3	1556.0	1454.1	1346.0
67.5°	2500.6	2485.2	2466.7	2386.4	2296.9	2204.3	2105.5	2000.5	1892.5	1784.4	1657.8
65°	3034.7	2991.5	2951.4	2855.7	2741.4	2621.0	2506.8	2389.5	2259.8	2124.0	2003.6
62.5°	3596.6	3504.0	3405.2	3287.9	3170.6	3037.8	2923.6	2784.7	2639.6	2472.9	2318.5
60°	4149.2	4038.1	3939.3	3794.2	3639.8	3460.8	3337.3	3201.4	3031.6	2852.6	2670.4
57.5°	4683.3	4562.9	4454.9	4328.3	4161.6	3967.1	3831.2	3655.3	3476.2	3250.8	3065.6
55°	5251.4	5131.0	5044.5	4902.5	4720.4	4541.3	4393.1	4207.9	3957.8	3717.0	3488.6
52.5°	5902.8	5807.1	5714.4	5569.3	5350.1	5168.0	5004.4	4797.5	4535.1	4238.7	3964.0
50°	6631.3	6581.9	6483.2	6313.4	6063.3	5902.8	5686.7	5411.9	5131.0	4819.1	4476.5
47.5°	7597.6	7517.4	7378.4	7193.2	6983.3	6742.5	6452.3	6131.2	5733.0	5387.2	5022.9
45°	8752.3	8604.1	8425.0	8174.9	7915.6	7643.9	7326.0	6918.5	6384.4	5933.6	5550.8
42.5°	10002.6	9801.9	9558.0	9230.8	8894.3	8560.8	8218.2	7662.5	6995.6	6477.0	6044.8
40°	11308.5	11052.2	10746.6	10271.2	9897.6	9468.5	9076.4	8246.0	7535.9	6974.0	6514.0
37.5°	12586.6	12262.4	11749.9	11172.6	10737.3	10385.4	9524.1	8634.9	7999.0	7381.5	6915.4
35°	13565.2	13290.5	12385.9	11787.0	11413.4	10857.7	9780.3	8869.6	8196.6	7684.1	6958.6
32.5°	14145.6	13435.6	12642.1	12037.1	11728.3	10817.6	9798.8	8937.5	8289.2	7715.0	6847.4
30°	14016.0	13157.7	12463.1	11956.8	11286.9	10468.7	9625.9	8832.5	8202.7	7508.1	6724.0
27.5°	13234.9	12571.1	11950.6	11422.7	10765.1	10030.4	9252.4	8554.7	7968.1	7295.1	6554.2
25°	12352.0	11749.9	11289.9	10830.0	10206.3	9505.5	8820.2	8317.0	7727.3	7063.6	6331.9
22.5°	11540.0	11107.8	10746.6	10265.0	9656.8	9045.5	8619.5	8097.8	7492.7	6819.7	6103.4
20°	11021.4	10728.1	10314.4	9783.4	9304.9	8922.1	8449.7	7897.1	7273.5	6569.6	5908.9
17.5°	10771.3	10431.7	9971.7	9625.9	9258.6	8838.7	8310.8	7724.2	7060.5	6455.4	5930.5
15°	10641.6	10283.5	9981.0	9641.4	9227.7	8786.2	8199.6	7591.5	7060.5	6501.7	5946.0
12.5°	10669.4	10360.7	10030.4	9659.9	9215.3	8743.0	8212.0	7647.0	7097.5	6535.6	5949.1
10°	10755.9	10431.7	10079.8	9669.2	9221.5	8755.3	8246.0	7681.0	7116.0	6551.1	5942.9
7.5°	10786.7	10434.8	10058.1	9644.5	9206.1	8749.2	8252.1	7690.3	7119.1	6548.0	5924.4
5°	10691.0	10373.0	10008.8	9592.0	9162.9	8718.3	8227.4	7677.9	7094.4	6517.1	5878.1
2.5°	10561.4	10305.1	9956.3	9554.9	9119.6	8675.1	8187.3	7622.3	7038.9	6461.5	5819.4
0°	10539.8	10221.8	9869.8	9511.7	9048.6	8579.4	8094.7	7517.4	6937.0	6356.6	5717.5
-2.5°	10397.7	10061.2	9709.3	9320.3	8912.8	8440.4	7931.1	7366.1	6791.9	6220.7	5606.4
-5°	10289.7	9916.1	9542.6	9122.7	8712.1	8239.8	7711.9	7162.3	6600.5	6044.8	5452.0
-7.5°	10144.6	9761.8	9369.7	8931.3	8486.8	8005.2	7483.4	6933.9	6381.3	5828.7	5260.6
-10°	9851.3	9514.8	9147.4	8693.6	8224.3	7742.7	7224.1	6683.8	6131.2	5572.4	5001.3
-12.5°	9496.3	9141.2	8739.9	8323.1	7903.3	7455.6	6937.0	6406.0	5850.3	5288.4	4720.4
-15°	9036.3	8687.4	8276.8	7869.3	7464.9	7035.8	6578.9	6100.3	5535.4	4982.8	4414.7
-17.5°	8462.1	8134.8	7767.4	7378.4	6977.1	6544.9	6100.3	5695.9	5168.0	4649.3	4087.5
-20°	7844.6	7539.0	7208.6	6841.3	6439.9	6017.0	5597.1	5174.2	4717.3	4260.4	3738.6



REPORT NUMBER: P722037  
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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°	7202.5	6893.8	6560.3	6217.7	5847.2	5455.1	5066.1	4661.7	4260.4	3846.7	3405.2
-25°	6461.5	6189.9	5884.2	5550.8	5220.5	4877.8	4507.3	4140.0	3797.3	3439.2	3078.0
-27.5°	5686.7	5436.6	5158.7	4868.5	4584.5	4297.4	3976.3	3636.7	3352.7	3056.3	2756.9
-30°	4871.6	4671.0	4445.6	4192.4	3973.2	3741.7	3473.1	3192.2	2932.9	2707.5	2466.7
-32.5°	4099.8	3930.0	3769.5	3602.8	3386.7	3207.6	3022.4	2815.5	2587.1	2374.1	2201.2
-35°	3436.1	3253.9	3186.0	3062.5	2908.2	2750.7	2614.9	2466.7	2293.8	2105.5	1963.5
-37.5°	2877.3	2769.2	2673.5	2605.6	2503.7	2377.2	2269.1	2161.1	2028.3	1886.3	1744.3
-40°	2442.0	2367.9	2262.9	2229.0	2164.1	2077.7	1966.6	1883.2	1793.7	1685.6	1565.2
-42.5°	2093.1	2037.6	1969.6	1911.0	1883.2	1821.5	1735.0	1654.7	1583.7	1509.6	1417.0
-45°	1806.0	1769.0	1725.8	1673.3	1651.7	1602.3	1540.5	1451.0	1410.9	1349.1	1281.2
-47.5°	1574.5	1556.0	1525.1	1491.1	1460.3	1423.2	1367.6	1312.1	1256.5	1216.4	1163.9
-50°	1392.3	1380.0	1361.5	1333.7	1293.5	1268.8	1231.8	1182.4	1129.9	1096.0	1058.9
-52.5°	1247.2	1234.9	1222.5	1200.9	1170.1	1145.4	1114.5	1074.4	1031.1	997.2	966.3
-55°	1136.1	1117.6	1108.3	1089.8	1065.1	1037.3	1009.5	981.7	944.7	913.8	882.9
-57.5°	1049.7	1025.0	1012.6	997.2	972.5	944.7	923.1	895.3	870.6	836.6	808.9
-60°	981.7	953.9	929.3	913.8	892.2	864.4	842.8	821.2	796.5	768.7	734.8
-62.5°	926.2	892.2	858.2	839.7	818.1	793.4	771.8	750.2	725.5	697.7	666.8
-65°	873.7	833.5	790.3	771.8	750.2	725.5	697.7	682.3	660.7	636.0	605.1
-67.5°	808.9	765.6	728.6	707.0	685.4	663.8	639.1	623.6	602.0	571.1	540.3
-70°	713.1	685.4	660.7	642.1	623.6	605.1	580.4	555.7	531.0	503.2	475.4
-72.5°	592.7	583.5	580.4	571.1	549.5	527.9	503.2	478.5	456.9	435.3	413.7
-75°	478.5	484.7	490.9	487.8	466.2	444.6	422.9	401.3	385.9	367.4	348.9
-77.5°	379.7	385.9	392.1	392.1	376.6	364.3	348.9	333.4	321.1	305.6	287.1
-80°	293.3	302.5	311.8	318.0	305.6	296.4	284.0	271.7	259.3	247.0	234.6
-82.5°	222.3	231.5	240.8	247.0	237.7	231.5	222.3	213.0	203.8	191.4	182.1
-85°	160.5	166.7	172.9	176.0	169.8	163.6	157.4	151.3	145.1	135.8	129.7
-87.5°	92.6	95.7	98.8	101.9	95.7	89.5	86.4	80.3	77.2	71.0	67.9
-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):**

	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°	77.2	71.0	64.8	61.7	55.6	46.3	40.1	34.0	27.8	21.6	18.5
85°	163.6	148.2	129.7	120.4	108.1	95.7	83.4	71.0	58.7	46.3	34.0
82.5°	280.9	262.4	243.9	222.3	194.5	160.5	126.6	105.0	86.4	67.9	52.5
80°	422.9	389.0	358.1	330.3	299.5	256.2	209.9	166.7	117.3	89.5	67.9
77.5°	586.6	546.4	503.2	456.9	407.5	348.9	296.4	240.8	182.1	123.5	86.4
75°	771.8	719.3	660.7	595.8	531.0	453.8	379.7	314.9	247.0	172.9	105.0
72.5°	978.6	913.8	842.8	756.4	654.5	565.0	475.4	389.0	308.7	219.2	142.0
70°	1244.1	1142.3	1037.3	944.7	815.0	673.0	568.0	469.3	367.4	268.6	179.1
67.5°	1528.2	1404.7	1278.1	1142.3	978.6	811.9	660.7	549.5	429.1	314.9	213.0
65°	1836.9	1682.5	1522.0	1370.7	1145.4	947.8	778.0	626.7	487.8	358.1	247.0
62.5°	2154.9	1972.7	1787.5	1589.9	1330.6	1086.7	889.1	713.1	543.4	398.3	277.8
60°	2494.5	2281.5	2056.1	1809.1	1506.6	1238.0	994.1	802.7	602.0	438.4	311.8
57.5°	2852.6	2621.0	2355.5	2022.1	1688.7	1383.1	1114.5	882.9	654.5	475.4	336.5
55°	3241.6	2976.1	2685.9	2244.4	1867.8	1528.2	1234.9	963.2	710.1	506.3	361.2
52.5°	3661.4	3352.7	2985.3	2479.0	2056.1	1676.4	1346.0	1034.2	762.5	540.3	382.8
50°	4130.7	3741.7	3247.8	2695.1	2219.7	1815.3	1457.2	1111.4	805.8	577.3	401.3
47.5°	4618.5	4198.6	3482.4	2895.8	2386.4	1951.1	1571.4	1179.3	849.0	608.2	419.9
45°	5127.9	4516.6	3726.3	3074.9	2531.5	2074.6	1657.8	1241.1	901.5	636.0	435.3
42.5°	5631.1	4757.4	3939.3	3253.9	2667.4	2185.7	1728.8	1299.7	944.7	663.8	450.7
40°	5868.8	4939.5	4109.1	3377.4	2781.6	2284.5	1790.6	1352.2	981.7	682.3	466.2
37.5°	5967.6	5050.7	4220.2	3494.7	2871.1	2337.0	1843.1	1398.5	1012.6	700.8	478.5
35°	5989.2	5090.8	4275.8	3575.0	2945.2	2386.4	1883.2	1432.5	1037.3	719.3	490.9
32.5°	5949.1	5078.5	4291.2	3602.8	2991.5	2423.5	1911.0	1457.2	1055.8	737.8	503.2
30°	5859.5	5013.6	4235.7	3599.7	3025.5	2445.1	1929.5	1475.7	1074.4	750.2	509.4
27.5°	5714.4	4899.4	4164.7	3602.8	3044.0	2454.3	1938.8	1485.0	1086.7	759.5	521.7
25°	5535.4	4745.1	4167.7	3596.6	3047.1	2457.4	1938.8	1485.0	1089.8	762.5	531.0
22.5°	5328.5	4745.1	4167.7	3587.3	3028.6	2451.2	1929.5	1478.8	1089.8	768.7	540.3
20°	5340.9	4748.1	4158.5	3568.8	3000.8	2432.7	1907.9	1463.3	1080.5	778.0	546.4
17.5°	5350.1	4742.0	4140.0	3544.1	2963.7	2401.9	1880.1	1441.7	1080.5	787.2	549.5
15°	5350.1	4723.4	4112.2	3507.1	2917.4	2358.6	1840.0	1423.2	1083.6	790.3	555.7
12.5°	5340.9	4689.5	4069.0	3457.7	2861.8	2306.2	1815.3	1417.0	1083.6	793.4	555.7
10°	5322.4	4643.2	4013.4	3395.9	2809.4	2287.6	1802.9	1404.7	1077.4	793.4	555.7
7.5°	5288.4	4587.6	3967.1	3358.9	2778.5	2266.0	1784.4	1386.2	1068.2	787.2	561.9
5°	5235.9	4556.7	3930.0	3315.7	2735.3	2250.6	1772.1	1370.7	1062.0	787.2	555.7
2.5°	5168.0	4519.7	3886.8	3260.1	2685.9	2198.1	1731.9	1336.8	1040.4	774.9	549.5
0°	5056.9	4445.6	3812.7	3182.9	2618.0	2145.6	1691.8	1302.8	1018.8	762.5	543.4
-2.5°	4955.0	4346.8	3717.0	3102.7	2553.1	2099.3	1660.9	1284.3	1009.5	759.5	540.3
-5°	4813.0	4211.0	3590.4	2997.7	2466.7	2053.0	1630.1	1262.7	1000.3	753.3	540.3
-7.5°	4655.5	4069.0	3457.7	2889.6	2380.2	1972.7	1571.4	1228.7	978.6	740.9	537.2
-10°	4411.6	3855.9	3291.0	2766.1	2287.6	1901.7	1522.0	1197.8	960.1	728.6	524.8
-12.5°	4152.3	3621.3	3099.6	2614.9	2182.7	1827.6	1466.4	1163.9	938.5	716.2	518.7
-15°	3877.5	3380.5	2898.9	2457.4	2068.4	1738.1	1407.8	1126.8	916.9	700.8	509.4
-17.5°	3590.4	3127.3	2692.1	2296.9	1954.2	1645.5	1346.0	1092.9	892.2	685.4	500.1
-20°	3287.9	2868.0	2482.1	2133.3	1833.8	1552.9	1281.2	1052.7	864.4	666.8	487.8



REPORT NUMBER: P722037  
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**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2988.4	2611.8	2266.0	1972.7	1710.3	1457.2	1216.4	1012.6	833.5	645.2	478.5
-25°	2722.9	2371.0	2074.6	1818.4	1589.9	1364.5	1148.4	972.5	799.6	623.6	466.2
-27.5°	2463.6	2164.1	1886.3	1673.3	1472.6	1275.0	1083.6	929.3	765.6	598.9	453.8
-30°	2222.8	1966.6	1738.1	1531.3	1361.5	1194.8	1028.0	886.0	728.6	574.2	438.4
-32.5°	2003.6	1796.8	1605.4	1407.8	1256.5	1114.5	975.6	842.8	691.5	549.5	422.9
-35°	1799.8	1639.3	1472.6	1305.9	1151.5	1040.4	920.0	796.5	657.6	521.7	407.5
-37.5°	1617.7	1488.0	1355.3	1213.3	1080.5	969.4	867.5	750.2	623.6	497.0	392.1
-40°	1460.3	1355.3	1238.0	1123.7	1012.6	907.6	815.0	703.9	589.7	478.5	376.6
-42.5°	1315.2	1234.9	1139.2	1043.5	944.7	852.1	762.5	654.5	555.7	456.9	361.2
-45°	1204.0	1123.7	1046.6	960.1	876.8	796.5	707.0	611.3	524.8	432.2	345.8
-47.5°	1099.0	1028.0	957.0	886.0	818.1	744.0	654.5	574.2	490.9	410.6	333.4
-50°	1006.4	938.5	876.8	815.0	756.4	685.4	602.0	537.2	463.1	389.0	318.0
-52.5°	920.0	861.3	799.6	750.2	700.8	629.8	561.9	500.1	435.3	364.3	302.5
-55°	842.8	787.2	731.7	685.4	639.1	577.3	521.7	469.3	407.5	345.8	287.1
-57.5°	768.7	722.4	669.9	626.7	580.4	531.0	484.7	435.3	379.7	327.2	271.7
-60°	700.8	657.6	611.3	568.0	527.9	487.8	444.6	404.4	355.0	305.6	256.2
-62.5°	632.9	595.8	555.7	512.5	481.6	444.6	410.6	370.5	330.3	287.1	228.5
-65°	571.1	537.2	500.1	463.1	435.3	407.5	376.6	339.6	305.6	265.5	203.8
-67.5°	509.4	478.5	447.6	416.8	392.1	370.5	339.6	311.8	284.0	240.8	179.1
-70°	450.7	426.0	398.3	373.6	355.0	330.3	308.7	284.0	259.3	209.9	151.3
-72.5°	395.2	370.5	348.9	330.3	314.9	293.3	274.8	256.2	222.3	176.0	126.6
-75°	330.3	314.9	302.5	287.1	271.7	256.2	240.8	219.2	185.2	142.0	98.8
-77.5°	271.7	262.4	253.2	240.8	228.5	216.1	197.6	176.0	148.2	111.1	80.3
-80°	222.3	213.0	206.8	194.5	185.2	172.9	154.4	135.8	108.1	86.4	64.8
-82.5°	169.8	163.6	157.4	151.3	142.0	129.7	111.1	95.7	80.3	64.8	49.4
-85°	120.4	117.3	111.1	105.0	95.7	86.4	74.1	64.8	55.6	43.2	34.0
-87.5°	61.7	58.7	55.6	52.5	49.4	43.2	37.0	30.9	27.8	21.6	15.4
-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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 CATALOG NUMBER: IFLD-L-SA7A-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	12.3	9.3	3.1	0.0
85°	24.7	15.4	6.2	0.0
82.5°	37.0	24.7	9.3	0.0
80°	49.4	30.9	15.4	0.0
77.5°	61.7	37.0	18.5	0.0
75°	74.1	46.3	21.6	0.0
72.5°	83.4	52.5	24.7	0.0
70°	98.8	61.7	27.8	0.0
67.5°	123.5	67.9	30.9	0.0
65°	145.1	74.1	34.0	0.0
62.5°	169.8	80.3	37.0	0.0
60°	191.4	86.4	40.1	0.0
57.5°	213.0	101.9	43.2	0.0
55°	231.5	114.2	46.3	0.0
52.5°	253.2	126.6	49.4	0.0
50°	271.7	138.9	52.5	0.0
47.5°	287.1	151.3	52.5	0.0
45°	299.5	160.5	55.6	0.0
42.5°	308.7	169.8	58.7	0.0
40°	318.0	179.1	61.7	0.0
37.5°	327.2	188.3	61.7	0.0
35°	336.5	197.6	64.8	0.0
32.5°	345.8	206.8	64.8	0.0
30°	351.9	213.0	67.9	0.0
27.5°	361.2	219.2	67.9	0.0
25°	364.3	225.4	71.0	0.0
22.5°	370.5	228.5	71.0	0.0
20°	376.6	234.6	71.0	0.0
17.5°	379.7	237.7	74.1	0.0
15°	379.7	240.8	77.2	0.0
12.5°	382.8	243.9	77.2	0.0
10°	382.8	250.1	74.1	0.0
7.5°	389.0	247.0	74.1	0.0
5°	385.9	247.0	74.1	0.0
2.5°	382.8	243.9	74.1	0.0
0°	379.7	243.9	74.1	0.0
-2.5°	379.7	243.9	74.1	0.0
-5°	379.7	243.9	74.1	0.0
-7.5°	376.6	247.0	74.1	0.0
-10°	370.5	247.0	74.1	0.0
-12.5°	367.4	237.7	74.1	0.0
-15°	364.3	234.6	74.1	0.0
-17.5°	358.1	231.5	71.0	0.0
-20°	351.9	228.5	71.0	0.0



REPORT NUMBER: P722037  
 CATALOG NUMBER: IFLD-L-SA7A-730-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	345.8	222.3	71.0	0.0
-25°	339.6	216.1	67.9	0.0
-27.5°	333.4	209.9	67.9	0.0
-30°	324.2	203.8	64.8	0.0
-32.5°	314.9	197.6	64.8	0.0
-35°	308.7	188.3	61.7	0.0
-37.5°	299.5	179.1	61.7	0.0
-40°	290.2	169.8	58.7	0.0
-42.5°	280.9	160.5	55.6	0.0
-45°	268.6	151.3	55.6	0.0
-47.5°	259.3	142.0	52.5	0.0
-50°	243.9	129.7	49.4	0.0
-52.5°	225.4	117.3	46.3	0.0
-55°	206.8	108.1	43.2	0.0
-57.5°	188.3	95.7	43.2	0.0
-60°	169.8	83.4	40.1	0.0
-62.5°	151.3	77.2	37.0	0.0
-65°	132.8	71.0	34.0	0.0
-67.5°	111.1	61.7	30.9	0.0
-70°	92.6	55.6	27.8	0.0
-72.5°	80.3	49.4	24.7	0.0
-75°	67.9	43.2	21.6	0.0
-77.5°	58.7	37.0	18.5	0.0
-80°	46.3	27.8	12.3	0.0
-82.5°	34.0	21.6	9.3	0.0
-85°	21.6	15.4	6.2	0.0
-87.5°	12.3	6.2	3.1	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)