

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: P721972

Luminaire Tested: **IFLD-S-SA6D-722-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P721972  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6D-722-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (96) 2200K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

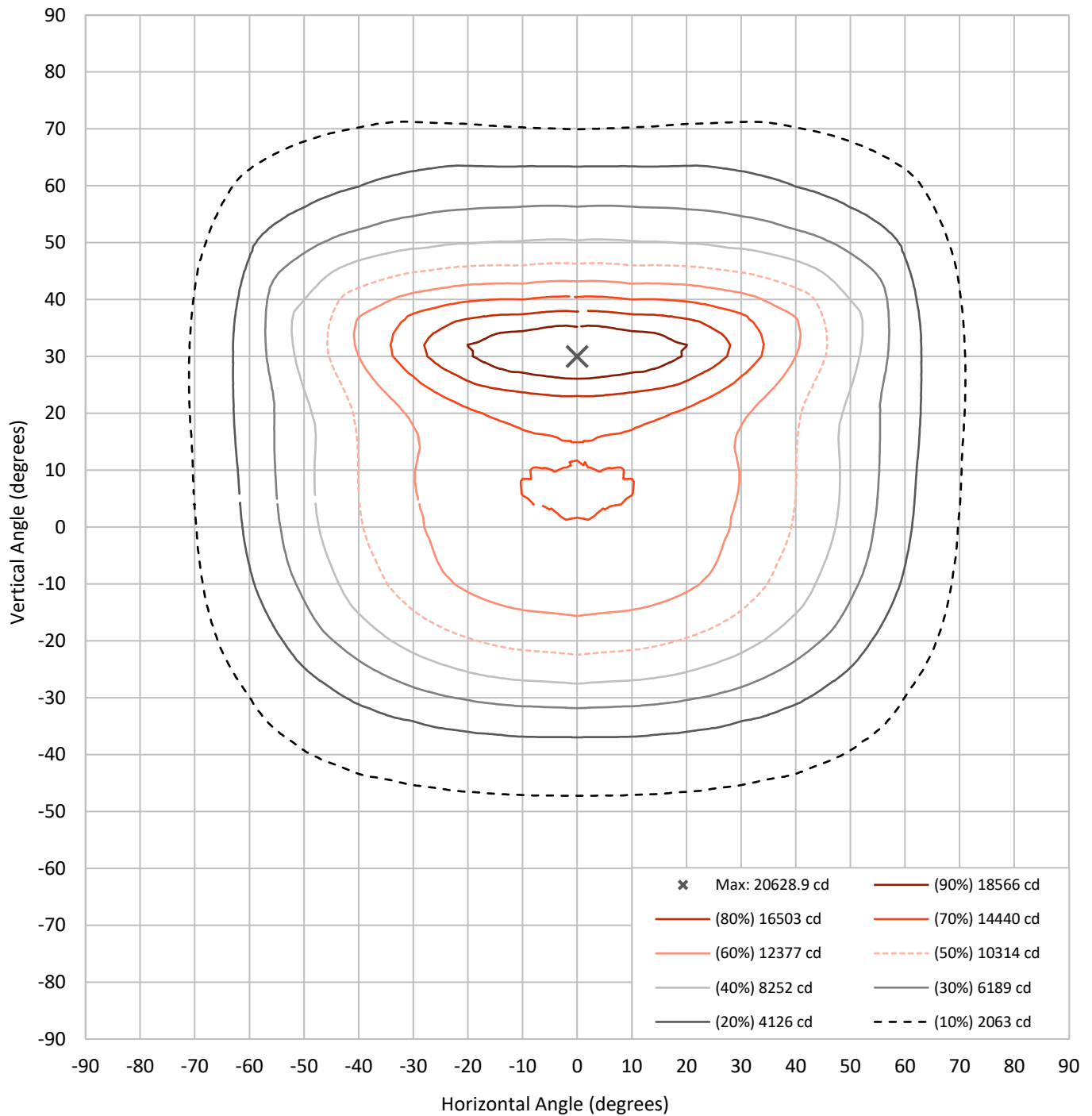
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	34434.8 lumens	Max Intensity:	20628.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	20024.2 lumens	Field Lumens:	32269.9 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 368.2  
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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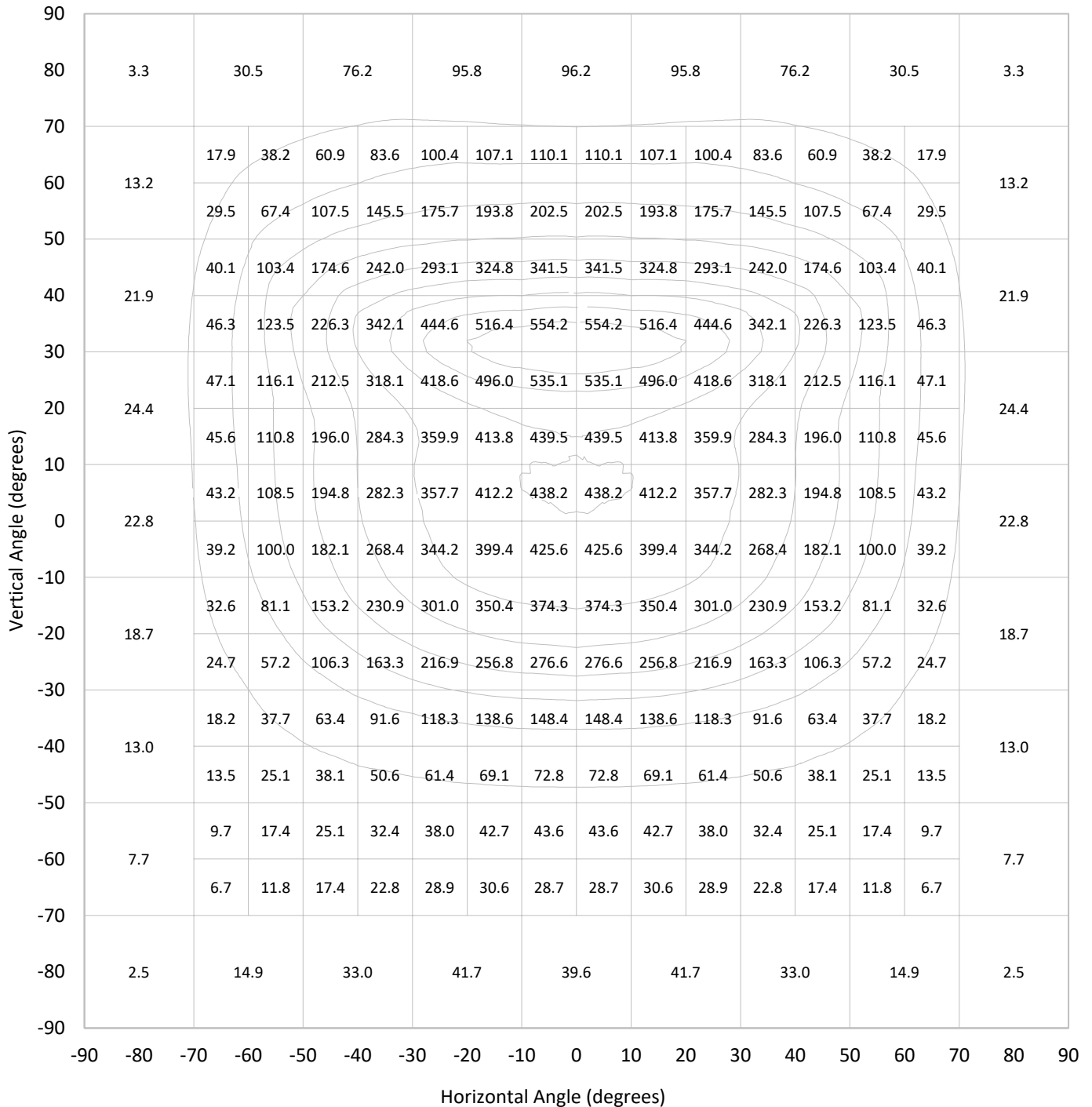
### Iso-Candela Plot





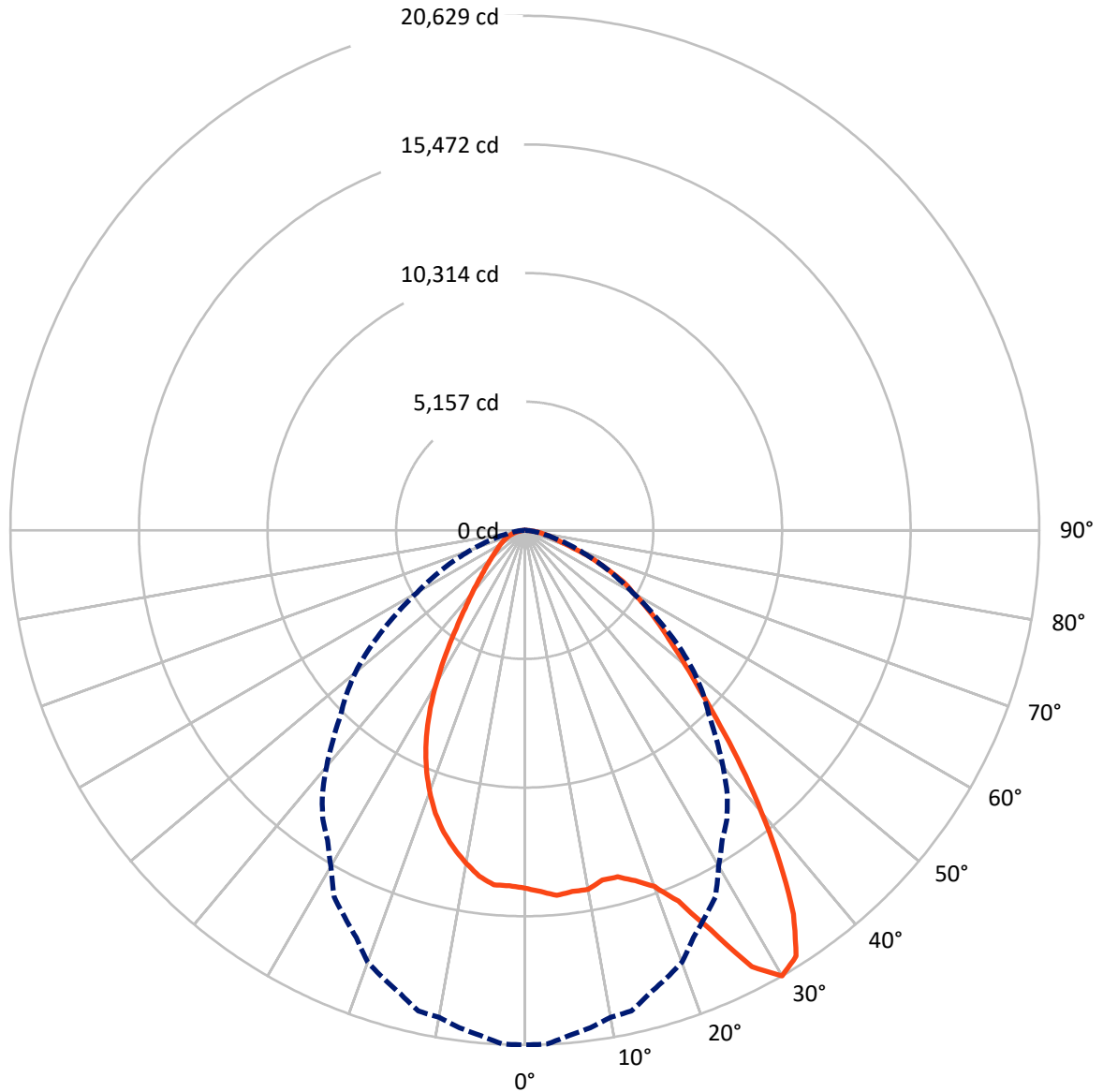
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### Lumen Table



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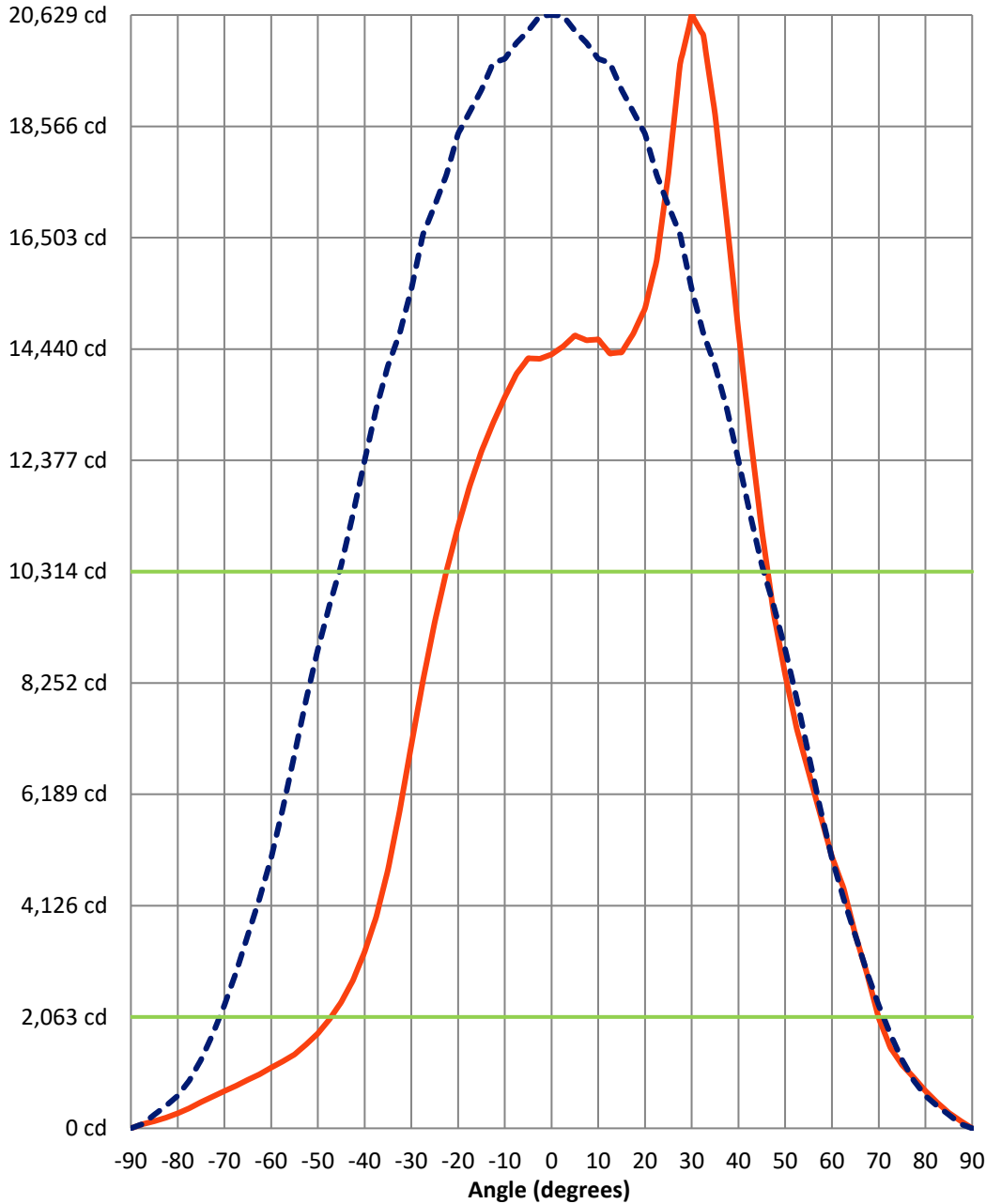
### Luminous Intensity Polar Plot



— 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: 20024.2  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 32269.9  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 2164.9  
 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°	138.6	142.3	145.9	145.9	142.3	142.3	142.3	138.6	142.3	142.3	142.3
85°	288.2	295.5	302.8	299.1	295.5	288.2	280.9	284.5	288.2	291.8	291.8
82.5°	477.9	488.8	496.1	492.5	485.2	477.9	470.6	474.2	481.5	485.2	485.2
80°	693.1	696.7	700.4	707.7	696.7	696.7	693.1	707.7	715.0	722.3	729.6
77.5°	941.2	944.8	944.8	948.5	952.1	955.8	955.8	981.3	999.5	1010.5	1021.4
75°	1174.6	1185.6	1196.5	1207.5	1222.0	1229.3	1240.3	1276.8	1305.9	1327.8	1349.7
72.5°	1495.6	1510.2	1528.5	1554.0	1579.5	1597.8	1623.3	1667.1	1699.9	1721.8	1747.3
70°	2046.5	2061.1	2079.3	2097.5	2123.1	2141.3	2166.9	2221.6	2254.4	2269.0	2283.6
67.5°	2863.6	2900.1	2932.9	2896.4	2878.2	2852.7	2860.0	2911.0	2943.9	2965.7	2962.1
65°	3589.5	3615.1	3615.1	3611.4	3596.8	3564.0	3582.2	3644.3	3680.7	3699.0	3644.3
62.5°	4443.1	4443.1	4424.9	4454.1	4457.7	4435.8	4424.9	4428.6	4432.2	4443.1	4351.9
60°	5034.1	5070.6	5081.5	5107.1	5114.4	5114.4	5132.6	5147.2	5147.2	5125.3	5019.5
57.5°	5814.8	5884.1	5898.7	5880.4	5843.9	5796.5	5789.2	5767.3	5723.6	5679.8	5628.7
55°	6602.7	6639.2	6635.5	6624.6	6588.1	6533.4	6540.7	6511.5	6442.2	6387.5	6318.2
52.5°	7394.3	7481.8	7496.4	7474.6	7423.5	7365.1	7368.8	7335.9	7266.6	7208.3	7113.4
50°	8404.8	8477.7	8470.4	8433.9	8361.0	8317.2	8320.9	8258.9	8178.6	8160.4	8036.3
47.5°	9561.2	9645.1	9630.5	9579.4	9480.9	9462.7	9480.9	9400.6	9353.2	9313.1	9167.2
45°	11078.7	11177.2	11122.5	11024.0	10867.1	10885.3	10910.9	10896.3	10794.1	10688.4	10502.3
42.5°	12858.9	12920.9	12855.2	12756.7	12559.7	12596.2	12581.6	12494.1	12432.1	12257.0	12019.8
40°	14763.1	14898.0	14795.9	14642.7	14438.4	14493.1	14453.0	14339.9	14194.0	13975.1	13676.0
37.5°	16816.8	16922.6	16805.9	16627.1	16444.7	16426.5	16346.2	16171.2	15963.2	15722.5	15244.6
35°	18783.0	19056.6	18841.4	18556.9	18334.4	18250.5	18173.8	17768.9	17531.8	17141.5	16488.5
32.5°	20245.9	20446.5	20180.2	19884.7	19614.8	19498.0	19228.1	18746.6	18618.9	17798.1	17199.9
30°	20628.9	20614.3	20337.1	20110.9	19819.1	19738.8	19242.7	18834.1	18425.6	17666.8	17097.7
27.5°	19716.9	19625.7	19359.4	19162.4	18874.2	18779.4	18290.6	18071.7	17440.6	16798.6	16317.1
25°	17685.0	17732.5	17531.8	17433.3	17243.6	17039.4	16846.0	16550.5	16156.6	15594.8	15153.4
22.5°	16083.6	16145.6	16061.7	15945.0	15799.1	15686.0	15540.1	15310.2	14930.9	14584.3	14168.5
20°	15193.5	15175.3	15102.3	15014.8	14876.1	14795.9	14635.4	14442.0	14150.2	13851.1	13402.4
17.5°	14726.6	14613.5	14544.2	14511.4	14438.4	14336.3	14146.6	13949.6	13723.4	13384.2	13055.8
15°	14380.0	14398.3	14343.6	14318.0	14259.6	14117.4	13924.0	13763.5	13457.1	13285.7	12986.5
12.5°	14358.1	14339.9	14343.6	14332.6	14259.6	14077.3	13978.8	13774.5	13577.5	13351.3	13008.4
10°	14617.1	14423.8	14438.4	14489.5	14372.7	14226.8	14121.0	13898.5	13712.5	13424.3	13085.0
7.5°	14602.6	14504.1	14533.2	14449.3	14485.8	14307.1	14161.2	13938.6	13705.2	13398.7	13092.3
5°	14690.1	14540.5	14515.0	14522.3	14431.1	14296.1	14099.1	13887.6	13668.7	13325.8	13012.1
2.5°	14489.5	14511.4	14394.6	14350.8	14339.9	14113.7	13931.3	13727.1	13500.9	13198.1	12917.2
0°	14339.9	14380.0	14259.6	14197.6	14194.0	14000.6	13883.9	13650.4	13489.9	13238.2	12899.0
-2.5°	14259.6	14307.1	14321.7	14208.6	14099.1	13949.6	13752.6	13500.9	13238.2	12946.4	12654.6
-5°	14266.9	14172.1	14132.0	14168.5	14073.6	13924.0	13705.2	13482.6	13223.6	12909.9	12545.1
-7.5°	13978.8	13883.9	13876.6	13858.4	13836.5	13694.2	13511.8	13271.1	13008.4	12716.6	12377.3
-10°	13548.3	13479.0	13460.8	13442.5	13384.2	13300.3	13128.8	12909.9	12672.8	12381.0	12019.8
-12.5°	13070.4	13037.6	12968.3	12920.9	12862.5	12764.0	12599.9	12399.2	12162.1	11903.1	11593.0
-15°	12541.5	12479.5	12410.2	12370.0	12286.1	12169.4	12005.2	11819.2	11560.2	11304.8	11013.0
-17.5°	11903.1	11826.5	11749.9	11738.9	11680.6	11501.8	11348.6	11122.5	10896.3	10651.9	10367.3
-20°	11151.6	11045.8	10994.8	10965.6	10885.3	10754.0	10589.9	10381.9	10163.1	9929.6	9601.3



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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°	10319.9	10228.7	10141.2	10086.4	10017.1	9915.0	9758.1	9575.7	9360.5	9097.9	8795.1
-25°	9375.1	9247.4	9192.7	9130.7	9094.2	8999.4	8846.2	8678.4	8455.8	8200.5	7912.3
-27.5°	8295.3	8193.2	8164.0	8076.5	8032.7	7934.2	7806.5	7649.7	7445.4	7204.6	6967.5
-30°	7102.5	7040.5	6993.0	6905.5	6872.6	6766.9	6683.0	6551.6	6365.6	6194.1	6004.4
-32.5°	5876.8	5814.8	5800.2	5760.0	5738.2	5668.8	5574.0	5479.1	5329.6	5201.9	5048.7
-35°	4789.7	4745.9	4749.6	4745.9	4724.0	4673.0	4556.2	4530.7	4421.3	4304.5	4206.0
-37.5°	3921.5	3925.1	3921.5	3917.8	3888.7	3866.8	3782.9	3750.0	3684.4	3571.3	3512.9
-40°	3268.5	3275.8	3272.2	3264.9	3232.0	3221.1	3166.4	3122.6	3097.1	3016.8	2954.8
-42.5°	2739.6	2750.5	2746.9	2743.2	2721.3	2717.7	2688.5	2637.4	2622.8	2575.4	2509.8
-45°	2338.3	2334.7	2327.4	2334.7	2323.7	2312.8	2294.5	2261.7	2243.5	2221.6	2166.9
-47.5°	2020.9	2024.6	2017.3	2017.3	2002.7	1991.8	1984.5	1962.6	1948.0	1929.7	1896.9
-50°	1758.3	1772.9	1769.2	1765.6	1754.6	1747.3	1747.3	1725.5	1703.6	1696.3	1674.4
-52.5°	1554.0	1565.0	1568.6	1575.9	1579.5	1583.2	1572.2	1550.4	1513.9	1510.2	1499.3
-55°	1368.0	1400.8	1422.7	1437.3	1451.9	1462.8	1440.9	1411.7	1375.3	1360.7	1357.0
-57.5°	1240.3	1273.1	1298.7	1320.5	1338.8	1357.0	1335.1	1305.9	1273.1	1254.9	1251.2
-60°	1123.6	1152.7	1178.3	1207.5	1233.0	1262.2	1251.2	1229.3	1211.1	1196.5	1181.9
-62.5°	999.5	1028.7	1057.9	1094.4	1127.2	1156.4	1160.0	1156.4	1152.7	1156.4	1130.8
-65°	897.4	912.0	930.2	970.3	1006.8	1039.7	1057.9	1068.8	1087.1	1105.3	1079.8
-67.5°	787.9	806.2	828.1	857.3	886.4	908.3	933.9	963.0	992.2	1021.4	1003.2
-70°	689.5	704.0	722.3	736.9	755.1	769.7	791.6	824.4	857.3	886.4	879.1
-72.5°	587.3	601.9	612.8	620.1	631.1	638.4	649.3	678.5	700.4	715.0	715.0
-75°	485.2	499.8	510.7	514.4	521.7	525.3	532.6	543.5	554.5	558.1	561.8
-77.5°	372.1	386.7	397.6	404.9	412.2	419.5	423.2	430.5	434.1	434.1	437.7
-80°	277.2	288.2	295.5	306.4	310.1	317.4	324.7	328.3	332.0	332.0	335.6
-82.5°	197.0	204.3	211.6	218.9	226.2	229.8	237.1	240.8	244.4	248.1	251.7
-85°	131.3	138.6	145.9	153.2	156.9	160.5	164.2	167.8	171.5	175.1	178.7
-87.5°	76.6	80.3	83.9	91.2	94.8	102.1	105.8	102.1	105.8	105.8	105.8
-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°	142.3	142.3	142.3	142.3	138.6	131.3	127.7	120.4	113.1	105.8	98.5
85°	295.5	299.1	299.1	299.1	291.8	288.2	277.2	266.3	251.7	229.8	211.6
82.5°	492.5	496.1	496.1	492.5	485.2	474.2	459.6	441.4	412.2	383.0	357.5
80°	740.5	744.2	744.2	740.5	722.3	704.0	685.8	663.9	627.4	587.3	543.5
77.5°	1036.0	1043.3	1043.3	1032.4	1006.8	984.9	955.8	919.3	864.6	806.2	747.8
75°	1378.9	1397.1	1400.8	1389.9	1357.0	1316.9	1269.5	1207.5	1123.6	1050.6	981.3
72.5°	1776.5	1794.8	1809.4	1794.8	1747.3	1692.6	1623.3	1550.4	1466.5	1368.0	1251.2
70°	2298.2	2316.4	2327.4	2279.9	2196.0	2104.8	2020.9	1937.0	1838.5	1718.2	1590.5
67.5°	2954.8	2936.6	2914.7	2819.8	2714.0	2604.6	2487.9	2363.8	2236.2	2108.5	1958.9
65°	3585.9	3534.8	3487.4	3374.3	3239.3	3097.1	2962.1	2823.5	2670.3	2509.8	2367.5
62.5°	4249.8	4140.4	4023.6	3885.0	3746.4	3589.5	3454.6	3290.4	3119.0	2922.0	2739.6
60°	4902.8	4771.5	4654.7	4483.3	4300.9	4089.3	3943.4	3782.9	3582.2	3370.7	3155.4
57.5°	5533.9	5391.6	5263.9	5114.4	4917.4	4687.6	4527.0	4319.1	4107.5	3841.2	3622.4
55°	6205.1	6062.8	5960.7	5792.9	5577.6	5366.1	5191.0	4972.1	4676.6	4392.1	4122.1
52.5°	6974.8	6861.7	6752.3	6580.8	6321.8	6106.6	5913.2	5668.8	5358.8	5008.6	4683.9
50°	7835.7	7777.3	7660.6	7460.0	7164.5	6974.8	6719.4	6394.8	6062.8	5694.4	5289.5
47.5°	8977.5	8882.6	8718.5	8499.6	8251.6	7967.0	7624.1	7244.7	6774.2	6365.6	5935.1
45°	10341.8	10166.7	9955.1	9659.6	9353.2	9032.2	8656.5	8174.9	7543.9	7011.3	6558.9
42.5°	11819.2	11582.1	11293.9	10907.2	10509.6	10115.6	9710.7	9054.1	8266.1	7653.3	7142.6
40°	13362.3	13059.5	12698.3	12136.6	11695.2	11188.1	10724.8	9743.5	8904.5	8240.6	7697.1
37.5°	14872.5	14489.5	13883.9	13201.8	12687.4	12271.5	11253.8	10203.2	9451.7	8722.1	8171.3
35°	16028.9	15704.2	14635.4	13927.7	13486.3	12829.7	11556.6	10480.4	9685.2	9079.6	8222.4
32.5°	16714.7	15875.7	14938.2	14223.2	13858.4	12782.2	11578.4	10560.7	9794.6	9116.1	8091.0
30°	16561.5	15547.4	14726.6	14128.3	13336.7	12370.0	11374.2	10436.6	9692.5	8871.7	7945.1
27.5°	15638.6	14854.3	14121.0	13497.2	12720.2	11852.0	10932.8	10108.3	9415.2	8620.0	7744.5
25°	14595.3	13883.9	13340.4	12796.8	12060.0	11231.9	10422.1	9827.4	9130.7	8346.4	7481.8
22.5°	13635.9	13125.2	12698.3	12129.3	11410.6	10688.4	10184.9	9568.4	8853.5	8058.2	7211.9
20°	13023.0	12676.5	12187.6	11560.2	10994.8	10542.4	9984.3	9331.3	8594.5	7762.7	6982.1
17.5°	12727.5	12326.3	11782.7	11374.2	10940.1	10443.9	9820.2	9127.1	8342.8	7627.8	7007.6
15°	12574.3	12151.2	11793.7	11392.4	10903.6	10381.9	9688.8	8970.2	8342.8	7682.5	7025.9
12.5°	12607.1	12242.4	11852.0	11414.3	10889.0	10330.9	9703.4	9035.9	8386.5	7722.6	7029.5
10°	12709.3	12326.3	11910.4	11425.2	10896.3	10345.5	9743.5	9076.0	8408.4	7740.8	7022.2
7.5°	12745.8	12329.9	11884.9	11396.0	10878.0	10338.2	9750.8	9086.9	8412.1	7737.2	7000.3
5°	12632.7	12257.0	11826.5	11334.0	10827.0	10301.7	9721.7	9072.3	8382.9	7700.7	6945.6
2.5°	12479.5	12176.7	11764.5	11290.3	10775.9	10250.6	9674.2	9006.7	8317.2	7635.1	6876.3
0°	12453.9	12078.2	11662.3	11239.2	10692.0	10137.5	9564.8	8882.6	8196.8	7511.0	6755.9
-2.5°	12286.1	11888.5	11472.7	11013.0	10531.5	9973.4	9371.5	8703.9	8025.4	7350.5	6624.6
-5°	12158.5	11717.1	11275.7	10779.6	10294.4	9736.3	9112.5	8463.1	7799.2	7142.6	6442.2
-7.5°	11987.0	11534.7	11071.4	10553.4	10028.1	9459.0	8842.5	8193.2	7540.2	6887.2	6216.0
-10°	11640.5	11242.8	10808.7	10272.5	9718.0	9148.9	8536.1	7897.7	7244.7	6584.5	5909.6
-12.5°	11220.9	10801.4	10327.2	9834.7	9338.6	8809.7	8196.8	7569.4	6912.8	6248.9	5577.6
-15°	10677.4	10265.2	9780.0	9298.5	8820.6	8313.6	7773.7	7208.3	6540.7	5887.7	5216.5
-17.5°	9998.9	9612.2	9178.1	8718.5	8244.3	7733.6	7208.3	6730.4	6106.6	5493.7	4829.8
-20°	9269.3	8908.2	8517.9	8083.8	7609.5	7109.8	6613.6	6113.9	5574.0	5034.1	4417.6



REPORT NUMBER: P721972  
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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°	8510.6	8145.8	7751.8	7346.9	6909.1	6445.8	5986.2	5508.3	5034.1	4545.3	4023.6
-25°	7635.1	7314.0	6952.9	6558.9	6168.6	5763.7	5325.9	4891.8	4486.9	4063.8	3637.0
-27.5°	6719.4	6424.0	6095.6	5752.7	5417.1	5077.9	4698.5	4297.2	3961.6	3611.4	3257.6
-30°	5756.4	5519.3	5253.0	4953.9	4694.9	4421.3	4103.9	3771.9	3465.5	3199.2	2914.7
-32.5°	4844.4	4643.8	4454.1	4257.1	4001.7	3790.2	3571.3	3326.9	3056.9	2805.2	2601.0
-35°	4060.1	3844.9	3764.6	3618.7	3436.3	3250.3	3089.8	2914.7	2710.4	2487.9	2320.1
-37.5°	3399.8	3272.2	3159.1	3078.8	2958.4	2808.9	2681.2	2553.5	2396.7	2228.9	2061.1
-40°	2885.5	2797.9	2673.9	2633.8	2557.2	2455.0	2323.7	2225.2	2119.4	1991.8	1849.5
-42.5°	2473.3	2407.6	2327.4	2258.1	2225.2	2152.3	2050.1	1955.3	1871.4	1783.8	1674.4
-45°	2134.0	2090.2	2039.2	1977.2	1951.6	1893.3	1820.3	1714.5	1667.1	1594.1	1513.9
-47.5°	1860.4	1838.5	1802.1	1761.9	1725.5	1681.7	1616.0	1550.4	1484.7	1437.3	1375.3
-50°	1645.2	1630.6	1608.7	1575.9	1528.5	1499.3	1455.5	1397.1	1335.1	1295.0	1251.2
-52.5°	1473.8	1459.2	1444.6	1419.0	1382.6	1353.4	1316.9	1269.5	1218.4	1178.3	1141.8
-55°	1342.4	1320.5	1309.6	1287.7	1258.5	1225.7	1192.9	1160.0	1116.3	1079.8	1043.3
-57.5°	1240.3	1211.1	1196.5	1178.3	1149.1	1116.3	1090.7	1057.9	1028.7	988.6	955.8
-60°	1160.0	1127.2	1098.0	1079.8	1054.2	1021.4	995.9	970.3	941.2	908.3	868.2
-62.5°	1094.4	1054.2	1014.1	992.2	966.7	937.5	912.0	886.4	857.3	824.4	787.9
-65°	1032.4	984.9	933.9	912.0	886.4	857.3	824.4	806.2	780.7	751.5	715.0
-67.5°	955.8	904.7	860.9	835.4	809.8	784.3	755.1	736.9	711.3	674.9	638.4
-70°	842.7	809.8	780.7	758.8	736.9	715.0	685.8	656.6	627.4	594.6	561.8
-72.5°	700.4	689.5	685.8	674.9	649.3	623.8	594.6	565.4	539.9	514.4	488.8
-75°	565.4	572.7	580.0	576.4	550.8	525.3	499.8	474.2	456.0	434.1	412.2
-77.5°	448.7	456.0	463.3	463.3	445.0	430.5	412.2	394.0	379.4	361.1	339.3
-80°	346.6	357.5	368.4	375.7	361.1	350.2	335.6	321.0	306.4	291.8	277.2
-82.5°	262.6	273.6	284.5	291.8	280.9	273.6	262.6	251.7	240.8	226.2	215.2
-85°	189.7	197.0	204.3	207.9	200.6	193.3	186.0	178.7	171.5	160.5	153.2
-87.5°	109.4	113.1	116.7	120.4	113.1	105.8	102.1	94.8	91.2	83.9	80.3
-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°	91.2	83.9	76.6	73.0	65.7	54.7	47.4	40.1	32.8	25.5	21.9
85°	193.3	175.1	153.2	142.3	127.7	113.1	98.5	83.9	69.3	54.7	40.1
82.5°	332.0	310.1	288.2	262.6	229.8	189.7	149.6	124.0	102.1	80.3	62.0
80°	499.8	459.6	423.2	390.3	353.8	302.8	248.1	197.0	138.6	105.8	80.3
77.5°	693.1	645.7	594.6	539.9	481.5	412.2	350.2	284.5	215.2	145.9	102.1
75°	912.0	850.0	780.7	704.0	627.4	536.2	448.7	372.1	291.8	204.3	124.0
72.5°	1156.4	1079.8	995.9	893.7	773.4	667.6	561.8	459.6	364.8	259.0	167.8
70°	1470.1	1349.7	1225.7	1116.3	963.0	795.2	671.2	554.5	434.1	317.4	211.6
67.5°	1805.7	1659.8	1510.2	1349.7	1156.4	959.4	780.7	649.3	507.1	372.1	251.7
65°	2170.5	1988.1	1798.4	1619.7	1353.4	1119.9	919.3	740.5	576.4	423.2	291.8
62.5°	2546.2	2331.0	2112.1	1878.7	1572.2	1284.1	1050.6	842.7	642.0	470.6	328.3
60°	2947.5	2695.8	2429.5	2137.7	1780.2	1462.8	1174.6	948.5	711.3	518.0	368.4
57.5°	3370.7	3097.1	2783.3	2389.4	1995.4	1634.3	1316.9	1043.3	773.4	561.8	397.6
55°	3830.3	3516.6	3173.7	2652.0	2207.0	1805.7	1459.2	1138.1	839.0	598.3	426.8
52.5°	4326.4	3961.6	3527.5	2929.3	2429.5	1980.8	1590.5	1222.0	901.0	638.4	452.3
50°	4880.9	4421.3	3837.6	3184.6	2622.8	2145.0	1721.8	1313.2	952.1	682.2	474.2
47.5°	5457.3	4961.1	4114.8	3421.7	2819.8	2305.5	1856.8	1393.5	1003.2	718.6	496.1
45°	6059.2	5336.9	4403.0	3633.3	2991.3	2451.4	1958.9	1466.5	1065.2	751.5	514.4
42.5°	6653.8	5621.4	4654.7	3844.9	3151.8	2582.7	2042.8	1535.8	1116.3	784.3	532.6
40°	6934.7	5836.6	4855.4	3990.8	3286.8	2699.4	2115.8	1597.8	1160.0	806.2	550.8
37.5°	7051.4	5968.0	4986.7	4129.4	3392.5	2761.5	2177.8	1652.5	1196.5	828.1	565.4
35°	7076.9	6015.4	5052.3	4224.3	3480.1	2819.8	2225.2	1692.6	1225.7	850.0	580.0
32.5°	7029.5	6000.8	5070.6	4257.1	3534.8	2863.6	2258.1	1721.8	1247.6	871.8	594.6
30°	6923.7	5924.2	5004.9	4253.5	3574.9	2889.1	2279.9	1743.7	1269.5	886.4	601.9
27.5°	6752.3	5789.2	4921.0	4257.1	3596.8	2900.1	2290.9	1754.6	1284.1	897.4	616.5
25°	6540.7	5606.8	4924.7	4249.8	3600.5	2903.7	2290.9	1754.6	1287.7	901.0	627.4
22.5°	6296.3	5606.8	4924.7	4238.9	3578.6	2896.4	2279.9	1747.3	1287.7	908.3	638.4
20°	6310.9	5610.5	4913.7	4217.0	3545.8	2874.5	2254.4	1729.1	1276.8	919.3	645.7
17.5°	6321.8	5603.2	4891.8	4187.8	3502.0	2838.1	2221.6	1703.6	1276.8	930.2	649.3
15°	6321.8	5581.3	4859.0	4144.0	3447.3	2787.0	2174.1	1681.7	1280.4	933.9	656.6
12.5°	6310.9	5541.2	4807.9	4085.7	3381.6	2725.0	2145.0	1674.4	1280.4	937.5	656.6
10°	6289.0	5486.4	4742.3	4012.7	3319.6	2703.1	2130.4	1659.8	1273.1	937.5	656.6
7.5°	6248.9	5420.8	4687.6	3968.9	3283.1	2677.6	2108.5	1637.9	1262.2	930.2	663.9
5°	6186.8	5384.3	4643.8	3917.8	3232.0	2659.3	2093.9	1619.7	1254.9	930.2	656.6
2.5°	6106.6	5340.5	4592.7	3852.2	3173.7	2597.3	2046.5	1579.5	1229.3	915.6	649.3
0°	5975.3	5253.0	4505.2	3761.0	3093.4	2535.3	1999.1	1539.4	1203.8	901.0	642.0
-2.5°	5854.9	5136.2	4392.1	3666.1	3016.8	2480.6	1962.6	1517.5	1192.9	897.4	638.4
-5°	5687.1	4975.7	4242.5	3542.1	2914.7	2425.9	1926.1	1492.0	1181.9	890.1	638.4
-7.5°	5501.0	4807.9	4085.7	3414.4	2812.5	2331.0	1856.8	1451.9	1156.4	875.5	634.7
-10°	5212.9	4556.2	3888.7	3268.5	2703.1	2247.1	1798.4	1415.4	1134.5	860.9	620.1
-12.5°	4906.4	4279.0	3662.5	3089.8	2579.1	2159.6	1732.8	1375.3	1109.0	846.3	612.8
-15°	4581.8	3994.5	3425.4	2903.7	2444.1	2053.8	1663.4	1331.5	1083.4	828.1	601.9
-17.5°	4242.5	3695.3	3181.0	2714.0	2309.1	1944.3	1590.5	1291.4	1054.2	809.8	591.0
-20°	3885.0	3388.9	2932.9	2520.7	2166.9	1834.9	1513.9	1243.9	1021.4	787.9	576.4



REPORT NUMBER: P721972  
 CATALOG NUMBER: IFLD-S-SA6D-722-U-76

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	3531.2	3086.1	2677.6	2331.0	2020.9	1721.8	1437.3	1196.5	984.9	762.4	565.4
-25°	3217.4	2801.6	2451.4	2148.6	1878.7	1612.4	1357.0	1149.1	944.8	736.9	550.8
-27.5°	2911.0	2557.2	2228.9	1977.2	1740.0	1506.6	1280.4	1098.0	904.7	707.7	536.2
-30°	2626.5	2323.7	2053.8	1809.4	1608.7	1411.7	1214.8	1046.9	860.9	678.5	518.0
-32.5°	2367.5	2123.1	1896.9	1663.4	1484.7	1316.9	1152.7	995.9	817.1	649.3	499.8
-35°	2126.7	1937.0	1740.0	1543.1	1360.7	1229.3	1087.1	941.2	777.0	616.5	481.5
-37.5°	1911.5	1758.3	1601.4	1433.6	1276.8	1145.4	1025.1	886.4	736.9	587.3	463.3
-40°	1725.5	1601.4	1462.8	1327.8	1196.5	1072.5	963.0	831.7	696.7	565.4	445.0
-42.5°	1554.0	1459.2	1346.1	1233.0	1116.3	1006.8	901.0	773.4	656.6	539.9	426.8
-45°	1422.7	1327.8	1236.6	1134.5	1036.0	941.2	835.4	722.3	620.1	510.7	408.6
-47.5°	1298.7	1214.8	1130.8	1046.9	966.7	879.1	773.4	678.5	580.0	485.2	394.0
-50°	1189.2	1109.0	1036.0	963.0	893.7	809.8	711.3	634.7	547.2	459.6	375.7
-52.5°	1087.1	1017.8	944.8	886.4	828.1	744.2	663.9	591.0	514.4	430.5	357.5
-55°	995.9	930.2	864.6	809.8	755.1	682.2	616.5	554.5	481.5	408.6	339.3
-57.5°	908.3	853.6	791.6	740.5	685.8	627.4	572.7	514.4	448.7	386.7	321.0
-60°	828.1	777.0	722.3	671.2	623.8	576.4	525.3	477.9	419.5	361.1	302.8
-62.5°	747.8	704.0	656.6	605.6	569.1	525.3	485.2	437.7	390.3	339.3	269.9
-65°	674.9	634.7	591.0	547.2	514.4	481.5	445.0	401.3	361.1	313.7	240.8
-67.5°	601.9	565.4	528.9	492.5	463.3	437.7	401.3	368.4	335.6	284.5	211.6
-70°	532.6	503.4	470.6	441.4	419.5	390.3	364.8	335.6	306.4	248.1	178.7
-72.5°	466.9	437.7	412.2	390.3	372.1	346.6	324.7	302.8	262.6	207.9	149.6
-75°	390.3	372.1	357.5	339.3	321.0	302.8	284.5	259.0	218.9	167.8	116.7
-77.5°	321.0	310.1	299.1	284.5	269.9	255.4	233.5	207.9	175.1	131.3	94.8
-80°	262.6	251.7	244.4	229.8	218.9	204.3	182.4	160.5	127.7	102.1	76.6
-82.5°	200.6	193.3	186.0	178.7	167.8	153.2	131.3	113.1	94.8	76.6	58.4
-85°	142.3	138.6	131.3	124.0	113.1	102.1	87.5	76.6	65.7	51.1	40.1
-87.5°	73.0	69.3	65.7	62.0	58.4	51.1	43.8	36.5	32.8	25.5	18.2
-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-S-SA6D-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	14.6	10.9	3.6	0.0
85°	29.2	18.2	7.3	0.0
82.5°	43.8	29.2	10.9	0.0
80°	58.4	36.5	18.2	0.0
77.5°	73.0	43.8	21.9	0.0
75°	87.5	54.7	25.5	0.0
72.5°	98.5	62.0	29.2	0.0
70°	116.7	73.0	32.8	0.0
67.5°	145.9	80.3	36.5	0.0
65°	171.5	87.5	40.1	0.0
62.5°	200.6	94.8	43.8	0.0
60°	226.2	102.1	47.4	0.0
57.5°	251.7	120.4	51.1	0.0
55°	273.6	135.0	54.7	0.0
52.5°	299.1	149.6	58.4	0.0
50°	321.0	164.2	62.0	0.0
47.5°	339.3	178.7	62.0	0.0
45°	353.8	189.7	65.7	0.0
42.5°	364.8	200.6	69.3	0.0
40°	375.7	211.6	73.0	0.0
37.5°	386.7	222.5	73.0	0.0
35°	397.6	233.5	76.6	0.0
32.5°	408.6	244.4	76.6	0.0
30°	415.9	251.7	80.3	0.0
27.5°	426.8	259.0	80.3	0.0
25°	430.5	266.3	83.9	0.0
22.5°	437.7	269.9	83.9	0.0
20°	445.0	277.2	83.9	0.0
17.5°	448.7	280.9	87.5	0.0
15°	448.7	284.5	91.2	0.0
12.5°	452.3	288.2	91.2	0.0
10°	452.3	295.5	87.5	0.0
7.5°	459.6	291.8	87.5	0.0
5°	456.0	291.8	87.5	0.0
2.5°	452.3	288.2	87.5	0.0
0°	448.7	288.2	87.5	0.0
-2.5°	448.7	288.2	87.5	0.0
-5°	448.7	288.2	87.5	0.0
-7.5°	445.0	291.8	87.5	0.0
-10°	437.7	291.8	87.5	0.0
-12.5°	434.1	280.9	87.5	0.0
-15°	430.5	277.2	87.5	0.0
-17.5°	423.2	273.6	83.9	0.0
-20°	415.9	269.9	83.9	0.0



REPORT NUMBER: P721972

CATALOG NUMBER: IFLD-S-SA6D-722-U-76

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	408.6	262.6	83.9	0.0
-25°	401.3	255.4	80.3	0.0
-27.5°	394.0	248.1	80.3	0.0
-30°	383.0	240.8	76.6	0.0
-32.5°	372.1	233.5	76.6	0.0
-35°	364.8	222.5	73.0	0.0
-37.5°	353.8	211.6	73.0	0.0
-40°	342.9	200.6	69.3	0.0
-42.5°	332.0	189.7	65.7	0.0
-45°	317.4	178.7	65.7	0.0
-47.5°	306.4	167.8	62.0	0.0
-50°	288.2	153.2	58.4	0.0
-52.5°	266.3	138.6	54.7	0.0
-55°	244.4	127.7	51.1	0.0
-57.5°	222.5	113.1	51.1	0.0
-60°	200.6	98.5	47.4	0.0
-62.5°	178.7	91.2	43.8	0.0
-65°	156.9	83.9	40.1	0.0
-67.5°	131.3	73.0	36.5	0.0
-70°	109.4	65.7	32.8	0.0
-72.5°	94.8	58.4	29.2	0.0
-75°	80.3	51.1	25.5	0.0
-77.5°	69.3	43.8	21.9	0.0
-80°	54.7	32.8	14.6	0.0
-82.5°	40.1	25.5	10.9	0.0
-85°	25.5	18.2	7.3	0.0
-87.5°	14.6	7.3	3.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)