

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: P722039

Luminaire Tested: **IFLD-L-SA7C-730-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722039
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-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

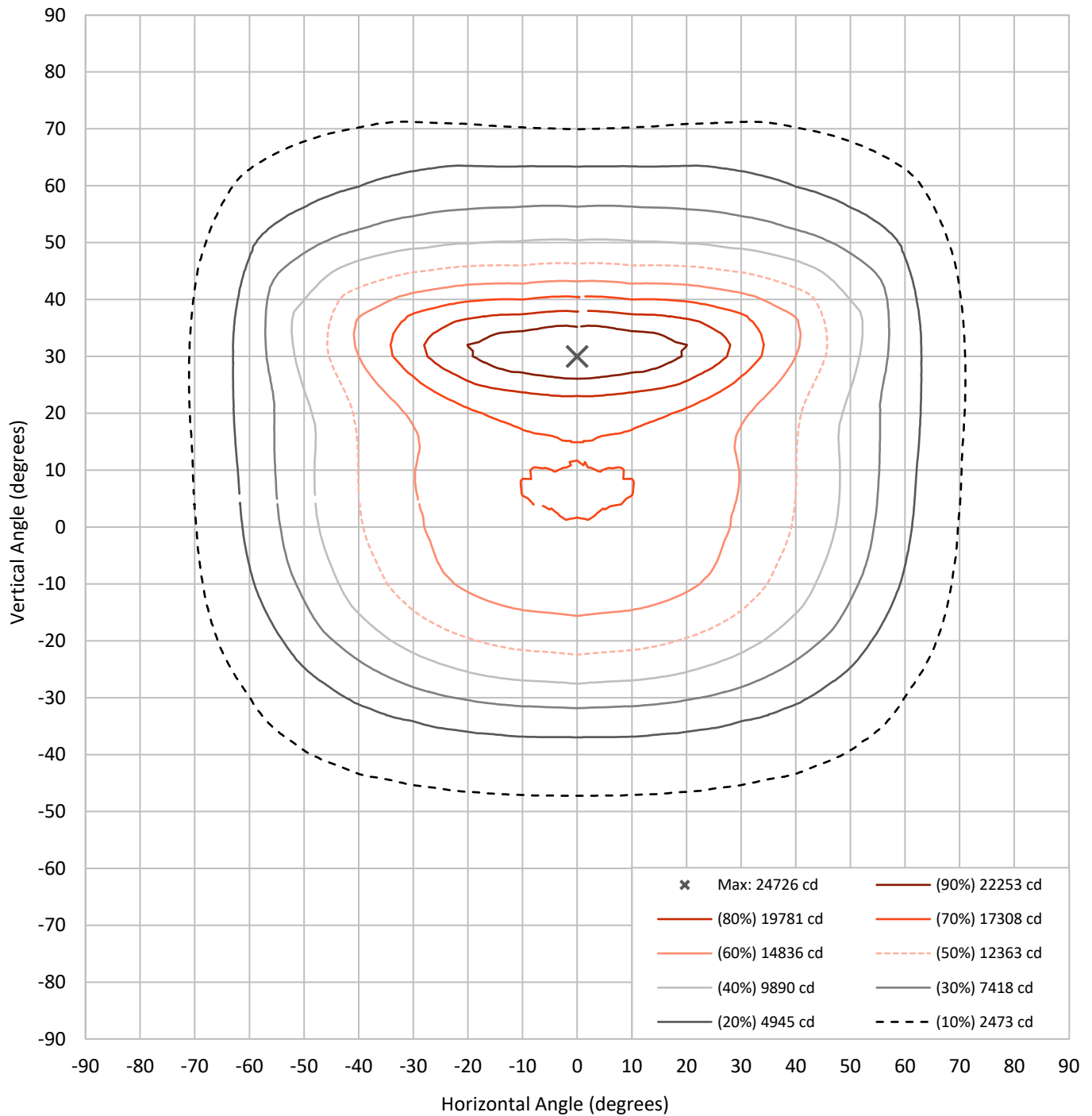
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	41273.9 lumens	Max Intensity:	24726 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	111.9 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:	24001.3 lumens	Field Lumens:	38679 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%
Input Watts (W):	369		
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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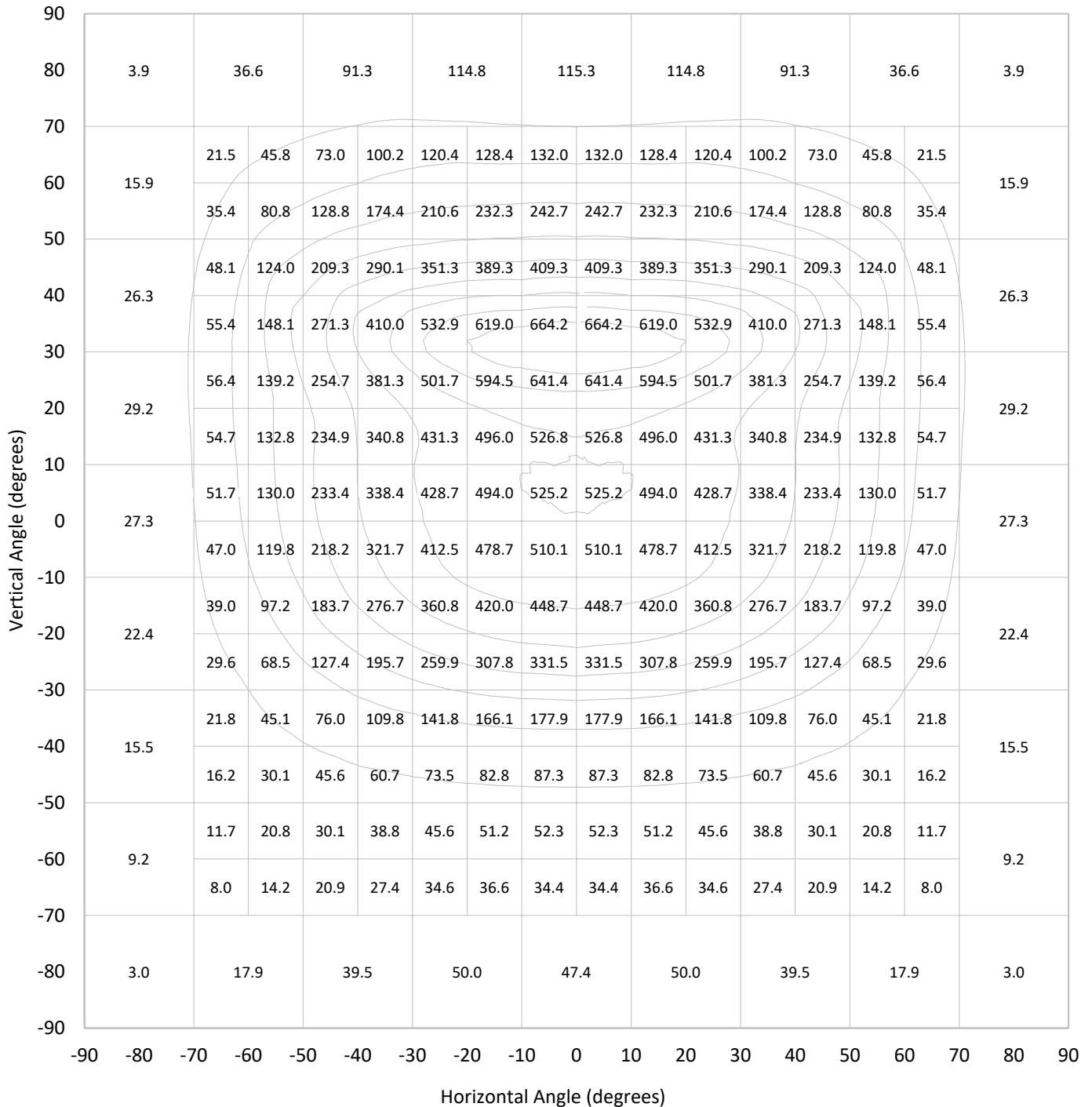
Iso-Candela Plot





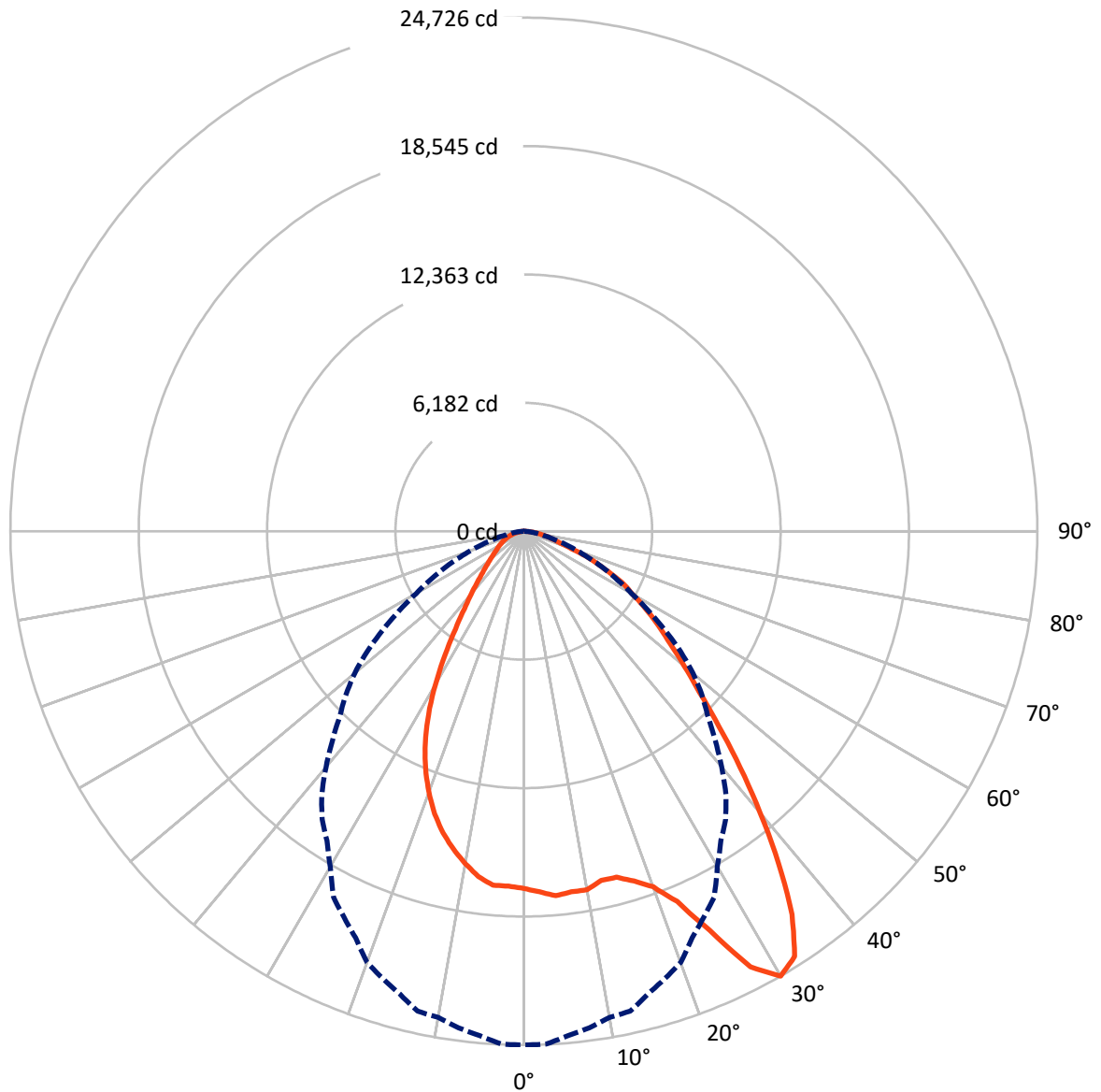
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Lumen Table



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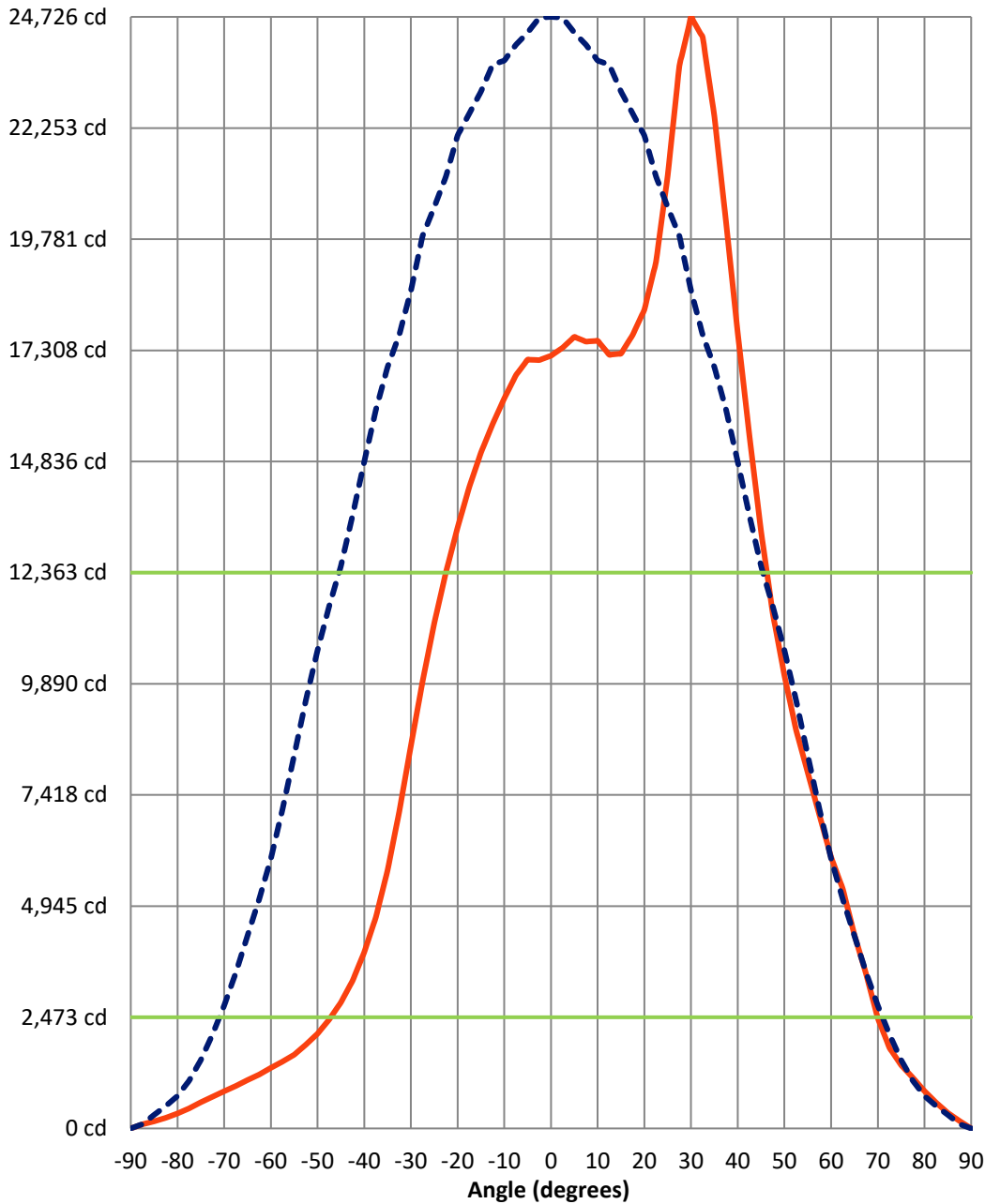
Luminous Intensity Polar Plot



— 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: 24001.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 38679
 Efficiency: 93.7%

Spill:
 Lumens: 2594.9
 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°	166.2	170.5	174.9	174.9	170.5	170.5	170.5	166.2	170.5	170.5	170.5
85°	345.4	354.2	362.9	358.5	354.2	345.4	336.7	341.0	345.4	349.8	349.8
82.5°	572.8	585.9	594.6	590.3	581.5	572.8	564.0	568.4	577.2	581.5	581.5
80°	830.8	835.1	839.5	848.2	835.1	835.1	830.8	848.2	857.0	865.7	874.5
77.5°	1128.1	1132.5	1132.5	1136.8	1141.2	1145.6	1145.6	1176.2	1198.0	1211.2	1224.3
75°	1407.9	1421.0	1434.2	1447.3	1464.8	1473.5	1486.6	1530.3	1565.3	1591.6	1617.8
72.5°	1792.7	1810.2	1832.0	1862.6	1893.3	1915.1	1945.7	1998.2	2037.5	2063.8	2094.4
70°	2452.9	2470.4	2492.3	2514.1	2544.7	2566.6	2597.2	2662.8	2702.2	2719.6	2737.1
67.5°	3432.3	3476.1	3515.4	3471.7	3449.8	3419.2	3428.0	3489.2	3528.5	3554.8	3550.4
65°	4302.5	4333.1	4333.1	4328.7	4311.2	4271.9	4293.7	4368.0	4411.8	4433.6	4368.0
62.5°	5325.6	5325.6	5303.7	5338.7	5343.1	5316.9	5303.7	5308.1	5312.5	5325.6	5216.3
60°	6033.9	6077.7	6090.8	6121.4	6130.1	6130.1	6152.0	6169.5	6169.5	6143.2	6016.4
57.5°	6969.6	7052.7	7070.2	7048.3	7004.6	6947.8	6939.0	6912.8	6860.3	6807.9	6746.6
55°	7914.1	7957.8	7953.4	7940.3	7896.6	7831.0	7839.7	7804.8	7721.7	7656.1	7573.0
52.5°	8862.9	8967.8	8985.3	8959.1	8897.9	8827.9	8832.3	8792.9	8709.9	8639.9	8526.2
50°	10074.0	10161.5	10152.8	10109.0	10021.6	9969.1	9973.5	9899.2	9803.0	9781.1	9632.4
47.5°	11460.1	11560.7	11543.2	11482.0	11363.9	11342.0	11363.9	11267.7	11210.9	11162.8	10987.9
45°	13279.0	13397.1	13331.5	13213.4	13025.4	13047.3	13077.9	13060.4	12938.0	12811.2	12588.2
42.5°	15412.8	15487.1	15408.4	15290.3	15054.2	15098.0	15080.5	14975.5	14901.2	14691.3	14407.1
40°	17695.2	17856.9	17734.5	17550.9	17306.0	17371.6	17323.5	17188.0	17013.1	16750.7	16392.2
37.5°	20156.8	20283.6	20143.7	19929.5	19710.9	19689.0	19592.8	19382.9	19133.7	18845.1	18272.3
35°	22513.6	22841.5	22583.5	22242.5	21975.8	21875.2	21783.4	21298.0	21013.8	20546.0	19763.3
32.5°	24266.9	24507.4	24188.2	23834.0	23510.5	23370.6	23047.0	22469.8	22316.8	21333.0	20615.9
30°	24726.0	24708.5	24376.2	24105.1	23755.3	23659.1	23064.5	22574.8	22085.1	21175.6	20493.5
27.5°	23632.9	23523.6	23204.4	22968.3	22622.9	22509.2	21923.3	21661.0	20904.5	20135.0	19557.8
25°	21197.5	21254.3	21013.8	20895.8	20668.4	20423.6	20191.8	19837.7	19365.4	18692.1	18163.0
22.5°	19278.0	19352.3	19251.8	19111.8	18936.9	18801.4	18626.5	18351.0	17896.3	17480.9	16982.5
20°	18211.1	18189.3	18101.8	17996.9	17830.7	17734.5	17542.1	17310.4	16960.6	16602.1	16064.3
17.5°	17651.4	17515.9	17432.8	17393.5	17306.0	17183.6	16956.2	16720.1	16449.0	16042.4	15648.9
15°	17236.1	17257.9	17192.3	17161.7	17091.8	16921.3	16689.5	16497.1	16129.8	15924.3	15565.8
12.5°	17209.8	17188.0	17192.3	17179.2	17091.8	16873.2	16755.1	16510.2	16274.1	16003.0	15592.0
10°	17520.3	17288.5	17306.0	17367.2	17227.3	17052.4	16925.6	16658.9	16435.9	16090.5	15683.9
7.5°	17502.8	17384.7	17419.7	17319.1	17362.9	17148.6	16973.7	16707.0	16427.2	16059.9	15692.6
5°	17607.7	17428.5	17397.8	17406.6	17297.3	17135.5	16899.4	16645.8	16383.4	15972.4	15596.4
2.5°	17367.2	17393.5	17253.6	17201.1	17188.0	16916.9	16698.3	16453.4	16182.3	15819.4	15482.7
0°	17188.0	17236.1	17091.8	17017.4	17013.1	16781.3	16641.4	16361.6	16169.2	15867.5	15460.9
-2.5°	17091.8	17148.6	17166.1	17030.6	16899.4	16720.1	16484.0	16182.3	15867.5	15517.7	15167.9
-5°	17100.5	16986.8	16938.7	16982.5	16868.8	16689.5	16427.2	16160.5	15850.0	15474.0	15036.7
-7.5°	16755.1	16641.4	16632.7	16610.8	16584.6	16414.1	16195.4	15906.9	15592.0	15242.2	14835.6
-10°	16239.2	16156.1	16134.2	16112.4	16042.4	15941.8	15736.3	15474.0	15189.8	14840.0	14407.1
-12.5°	15666.4	15627.0	15543.9	15487.1	15417.1	15299.1	15102.3	14861.8	14577.6	14267.2	13895.5
-15°	15032.4	14958.0	14875.0	14826.9	14726.3	14586.4	14389.6	14166.6	13856.2	13550.1	13200.3
-17.5°	14267.2	14175.4	14083.6	14070.4	14000.5	13786.2	13602.6	13331.5	13060.4	12767.5	12426.4
-20°	13366.5	13239.7	13178.5	13143.5	13047.3	12889.9	12693.1	12443.9	12181.6	11901.7	11508.2



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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°	12369.6	12260.3	12155.3	12089.7	12006.7	11884.2	11696.2	11477.6	11219.6	10904.8	10541.9
-25°	11237.1	11084.1	11018.5	10944.2	10900.4	10786.8	10603.1	10402.0	10135.3	9829.2	9483.8
-27.5°	9942.9	9820.4	9785.5	9680.5	9628.1	9510.0	9357.0	9169.0	8924.1	8635.5	8351.3
-30°	8513.1	8438.8	8381.9	8277.0	8237.6	8110.8	8010.3	7852.9	7629.9	7424.4	7197.0
-32.5°	7044.0	6969.6	6952.1	6904.0	6877.8	6794.7	6681.1	6567.4	6388.1	6235.1	6051.4
-35°	5741.0	5688.5	5692.9	5688.5	5662.3	5601.1	5461.1	5430.5	5299.4	5159.5	5041.4
-37.5°	4700.3	4704.7	4700.3	4696.0	4661.0	4634.8	4534.2	4494.8	4416.1	4280.6	4210.6
-40°	3917.7	3926.4	3922.1	3913.3	3874.0	3860.8	3795.3	3742.8	3712.2	3616.0	3541.7
-42.5°	3283.7	3296.8	3292.4	3288.1	3261.8	3257.5	3222.5	3161.3	3143.8	3086.9	3008.2
-45°	2802.7	2798.3	2789.6	2798.3	2785.2	2772.1	2750.3	2710.9	2689.0	2662.8	2597.2
-47.5°	2422.3	2426.7	2417.9	2417.9	2400.5	2387.3	2378.6	2352.4	2334.9	2313.0	2273.7
-50°	2107.5	2125.0	2120.6	2116.2	2103.1	2094.4	2094.4	2068.2	2041.9	2033.2	2006.9
-52.5°	1862.6	1875.8	1880.1	1888.9	1893.3	1897.6	1884.5	1858.3	1814.6	1810.2	1797.1
-55°	1639.7	1679.0	1705.2	1722.7	1740.2	1753.3	1727.1	1692.1	1648.4	1630.9	1626.5
-57.5°	1486.6	1526.0	1556.6	1582.8	1604.7	1626.5	1600.3	1565.3	1526.0	1504.1	1499.7
-60°	1346.7	1381.7	1412.3	1447.3	1477.9	1512.9	1499.7	1473.5	1451.6	1434.2	1416.7
-62.5°	1198.0	1233.0	1268.0	1311.7	1351.1	1386.1	1390.4	1386.1	1381.7	1386.1	1355.4
-65°	1075.6	1093.1	1115.0	1163.1	1206.8	1246.1	1268.0	1281.1	1303.0	1324.8	1294.2
-67.5°	944.4	966.3	992.5	1027.5	1062.5	1088.7	1119.3	1154.3	1189.3	1224.3	1202.4
-70°	826.4	843.9	865.7	883.2	905.1	922.6	948.8	988.2	1027.5	1062.5	1053.8
-72.5°	704.0	721.4	734.6	743.3	756.4	765.2	778.3	813.3	839.5	857.0	857.0
-75°	581.5	599.0	612.1	616.5	625.3	629.6	638.4	651.5	664.6	669.0	673.4
-77.5°	446.0	463.5	476.6	485.3	494.1	502.8	507.2	515.9	520.3	520.3	524.7
-80°	332.3	345.4	354.2	367.3	371.7	380.4	389.1	393.5	397.9	397.9	402.3
-82.5°	236.1	244.9	253.6	262.3	271.1	275.5	284.2	288.6	293.0	297.3	301.7
-85°	157.4	166.2	174.9	183.6	188.0	192.4	196.8	201.1	205.5	209.9	214.2
-87.5°	91.8	96.2	100.6	109.3	113.7	122.4	126.8	122.4	126.8	126.8	126.8
-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°	170.5	170.5	170.5	170.5	166.2	157.4	153.0	144.3	135.5	126.8	118.1
85°	354.2	358.5	358.5	358.5	349.8	345.4	332.3	319.2	301.7	275.5	253.6
82.5°	590.3	594.6	594.6	590.3	581.5	568.4	550.9	529.1	494.1	459.1	428.5
80°	887.6	892.0	892.0	887.6	865.7	843.9	822.0	795.8	752.1	704.0	651.5
77.5°	1241.8	1250.5	1250.5	1237.4	1206.8	1180.6	1145.6	1101.8	1036.3	966.3	896.3
75°	1652.8	1674.6	1679.0	1665.9	1626.5	1578.4	1521.6	1447.3	1346.7	1259.3	1176.2
72.5°	2129.4	2151.2	2168.7	2151.2	2094.4	2028.8	1945.7	1858.3	1757.7	1639.7	1499.7
70°	2754.6	2776.5	2789.6	2732.8	2632.2	2522.9	2422.3	2321.8	2203.7	2059.4	1906.4
67.5°	3541.7	3519.8	3493.6	3379.9	3253.1	3121.9	2982.0	2833.3	2680.3	2527.3	2348.0
65°	4298.1	4236.9	4180.0	4044.5	3882.7	3712.2	3550.4	3384.3	3200.6	3008.2	2837.7
62.5°	5093.9	4962.7	4822.8	4656.6	4490.5	4302.5	4140.7	3943.9	3738.4	3502.3	3283.7
60°	5876.5	5719.1	5579.2	5373.7	5155.1	4901.5	4726.6	4534.2	4293.7	4040.1	3782.1
57.5°	6633.0	6462.4	6309.4	6130.1	5894.0	5618.6	5426.2	5176.9	4923.3	4604.2	4341.8
55°	7437.5	7267.0	7144.5	6943.4	6685.4	6431.8	6221.9	5959.6	5605.4	5264.4	4940.8
52.5°	8360.1	8224.5	8093.3	7887.8	7577.4	7319.4	7087.7	6794.7	6423.1	6003.3	5614.2
50°	9392.0	9322.0	9182.1	8941.6	8587.4	8360.1	8054.0	7664.8	7267.0	6825.3	6340.0
47.5°	10760.5	10646.8	10450.1	10187.7	9890.4	9549.4	9138.4	8683.6	8119.6	7629.9	7113.9
45°	12395.8	12185.9	11932.3	11578.2	11210.9	10826.1	10375.7	9798.6	9042.2	8403.8	7861.6
42.5°	14166.6	13882.4	13537.0	13073.5	12596.9	12124.7	11639.4	10852.3	9907.9	9173.3	8561.2
40°	16016.2	15653.3	15220.4	14547.0	14018.0	13410.2	12854.9	11678.7	10673.1	9877.3	9225.8
37.5°	17826.3	17367.2	16641.4	15823.8	15207.3	14708.8	13488.9	12229.6	11328.9	10454.4	9794.2
35°	19212.4	18823.3	17542.1	16693.9	16164.8	15377.8	13851.8	12562.0	11608.8	10882.9	9855.4
32.5°	20034.4	19028.8	17905.0	17048.1	16610.8	15320.9	13878.1	12658.1	11739.9	10926.7	9698.0
30°	19850.8	18635.2	17651.4	16934.4	15985.6	14826.9	13633.2	12509.5	11617.5	10633.7	9523.1
27.5°	18744.6	17804.5	16925.6	16177.9	15246.6	14206.0	13104.1	12116.0	11285.2	10332.0	9282.6
25°	17494.0	16641.4	15989.9	15338.4	14455.2	13462.7	12492.0	11779.3	10944.2	10004.1	8967.8
22.5°	16344.1	15732.0	15220.4	14538.3	13676.9	12811.2	12207.8	11468.8	10611.9	9658.7	8644.3
20°	15609.5	15194.1	14608.2	13856.2	13178.5	12636.3	11967.3	11184.6	10301.4	9304.5	8368.8
17.5°	15255.4	14774.4	14122.9	13633.2	13112.9	12518.2	11770.5	10939.8	9999.7	9142.7	8399.4
15°	15071.7	14564.5	14136.0	13655.1	13069.2	12443.9	11613.1	10751.8	9999.7	9208.3	8421.3
12.5°	15111.1	14673.8	14206.0	13681.3	13051.7	12382.7	11630.6	10830.5	10052.2	9256.4	8425.6
10°	15233.5	14774.4	14275.9	13694.4	13060.4	12400.2	11678.7	10878.6	10078.4	9278.3	8416.9
7.5°	15277.2	14778.8	14245.3	13659.4	13038.5	12391.4	11687.5	10891.7	10082.8	9273.9	8390.7
5°	15141.7	14691.3	14175.4	13585.1	12977.3	12347.7	11652.5	10874.2	10047.8	9230.2	8325.1
2.5°	14958.0	14595.1	14101.0	13532.6	12916.1	12286.5	11595.6	10795.5	9969.1	9151.5	8242.0
0°	14927.4	14477.1	13978.6	13471.4	12815.6	12150.9	11464.5	10646.8	9824.8	9002.8	8097.7
-2.5°	14726.3	14249.7	13751.3	13200.3	12623.2	11954.2	11232.7	10432.6	9619.3	8810.4	7940.3
-5°	14573.3	14044.2	13515.1	12920.5	12339.0	11670.0	10922.3	10144.0	9348.2	8561.2	7721.7
-7.5°	14367.8	13825.6	13270.3	12649.4	12019.8	11337.7	10598.7	9820.4	9037.8	8255.1	7450.6
-10°	13952.4	13475.8	12955.5	12312.7	11648.1	10966.0	10231.5	9466.3	8683.6	7892.2	7083.3
-12.5°	13449.6	12946.7	12378.3	11788.0	11193.4	10559.4	9824.8	9072.8	8285.7	7489.9	6685.4
-15°	12798.1	12304.0	11722.4	11145.3	10572.5	9964.7	9317.6	8639.9	7839.7	7057.1	6252.6
-17.5°	11984.8	11521.3	11001.0	10450.1	9881.7	9269.5	8639.9	8067.1	7319.4	6584.9	5789.1
-20°	11110.3	10677.4	10209.6	9689.3	9120.9	8521.8	7927.2	7328.2	6681.1	6033.9	5295.0



REPORT NUMBER: P722039
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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°	10200.8	9763.6	9291.4	8806.0	8281.4	7726.1	7175.1	6602.3	6033.9	5448.0	4822.8
-25°	9151.5	8766.7	8333.8	7861.6	7393.8	6908.4	6383.7	5863.4	5378.1	4870.9	4359.3
-27.5°	8054.0	7699.8	7306.3	6895.3	6493.0	6086.4	5631.7	5150.7	4748.4	4328.7	3904.6
-30°	6899.7	6615.5	6296.3	5937.7	5627.3	5299.4	4919.0	4521.1	4153.8	3834.6	3493.6
-32.5°	5806.6	5566.1	5338.7	5102.6	4796.5	4542.9	4280.6	3987.6	3664.1	3362.4	3117.5
-35°	4866.5	4608.5	4512.3	4337.4	4118.8	3895.8	3703.4	3493.6	3248.7	2982.0	2780.9
-37.5°	4075.1	3922.1	3786.5	3690.3	3546.0	3366.8	3213.7	3060.7	2872.7	2671.5	2470.4
-40°	3458.6	3353.6	3205.0	3156.9	3065.1	2942.6	2785.2	2667.2	2540.4	2387.3	2216.8
-42.5°	2964.5	2885.8	2789.6	2706.5	2667.2	2579.7	2457.3	2343.6	2243.0	2138.1	2006.9
-45°	2557.9	2505.4	2444.2	2369.8	2339.2	2269.3	2181.8	2055.0	1998.2	1910.7	1814.6
-47.5°	2229.9	2203.7	2160.0	2111.9	2068.2	2015.7	1937.0	1858.3	1779.6	1722.7	1648.4
-50°	1972.0	1954.5	1928.2	1888.9	1832.0	1797.1	1744.6	1674.6	1600.3	1552.2	1499.7
-52.5°	1766.5	1749.0	1731.5	1700.9	1657.1	1622.2	1578.4	1521.6	1460.4	1412.3	1368.6
-55°	1609.0	1582.8	1569.7	1543.5	1508.5	1469.1	1429.8	1390.4	1338.0	1294.2	1250.5
-57.5°	1486.6	1451.6	1434.2	1412.3	1377.3	1338.0	1307.4	1268.0	1233.0	1184.9	1145.6
-60°	1390.4	1351.1	1316.1	1294.2	1263.6	1224.3	1193.7	1163.1	1128.1	1088.7	1040.6
-62.5°	1311.7	1263.6	1215.5	1189.3	1158.7	1123.7	1093.1	1062.5	1027.5	988.2	944.4
-65°	1237.4	1180.6	1119.3	1093.1	1062.5	1027.5	988.2	966.3	935.7	900.7	857.0
-67.5°	1145.6	1084.4	1031.9	1001.3	970.7	940.1	905.1	883.2	852.6	808.9	765.2
-70°	1010.0	970.7	935.7	909.5	883.2	857.0	822.0	787.0	752.1	712.7	673.4
-72.5°	839.5	826.4	822.0	808.9	778.3	747.7	712.7	677.7	647.1	616.5	585.9
-75°	677.7	686.5	695.2	690.8	660.2	629.6	599.0	568.4	546.6	520.3	494.1
-77.5°	537.8	546.6	555.3	555.3	533.4	515.9	494.1	472.2	454.7	432.9	406.6
-80°	415.4	428.5	441.6	450.4	432.9	419.8	402.3	384.8	367.3	349.8	332.3
-82.5°	314.8	327.9	341.0	349.8	336.7	327.9	314.8	301.7	288.6	271.1	258.0
-85°	227.4	236.1	244.9	249.2	240.5	231.7	223.0	214.2	205.5	192.4	183.6
-87.5°	131.2	135.5	139.9	144.3	135.5	126.8	122.4	113.7	109.3	100.6	96.2
-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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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°	109.3	100.6	91.8	87.4	78.7	65.6	56.8	48.1	39.4	30.6	26.2
85°	231.7	209.9	183.6	170.5	153.0	135.5	118.1	100.6	83.1	65.6	48.1
82.5°	397.9	371.7	345.4	314.8	275.5	227.4	179.3	148.7	122.4	96.2	74.3
80°	599.0	550.9	507.2	467.8	424.1	362.9	297.3	236.1	166.2	126.8	96.2
77.5°	830.8	773.9	712.7	647.1	577.2	494.1	419.8	341.0	258.0	174.9	122.4
75°	1093.1	1018.8	935.7	843.9	752.1	642.7	537.8	446.0	349.8	244.9	148.7
72.5°	1386.1	1294.2	1193.7	1071.2	927.0	800.2	673.4	550.9	437.2	310.4	201.1
70°	1762.1	1617.8	1469.1	1338.0	1154.3	953.2	804.5	664.6	520.3	380.4	253.6
67.5°	2164.3	1989.4	1810.2	1617.8	1386.1	1149.9	935.7	778.3	607.8	446.0	301.7
65°	2601.6	2383.0	2155.6	1941.4	1622.2	1342.3	1101.8	887.6	690.8	507.2	349.8
62.5°	3051.9	2794.0	2531.6	2251.8	1884.5	1539.1	1259.3	1010.0	769.5	564.0	393.5
60°	3532.9	3231.2	2912.0	2562.2	2133.7	1753.3	1407.9	1136.8	852.6	620.9	441.6
57.5°	4040.1	3712.2	3336.2	2863.9	2391.7	1958.8	1578.4	1250.5	927.0	673.4	476.6
55°	4591.0	4215.0	3804.0	3178.7	2645.3	2164.3	1749.0	1364.2	1005.7	717.1	511.6
52.5°	5185.7	4748.4	4228.1	3511.1	2912.0	2374.2	1906.4	1464.8	1080.0	765.2	542.2
50°	5850.3	5299.4	4599.8	3817.1	3143.8	2571.0	2063.8	1574.1	1141.2	817.6	568.4
47.5°	6541.1	5946.5	4932.1	4101.3	3379.9	2763.4	2225.6	1670.3	1202.4	861.4	594.6
45°	7262.6	6396.8	5277.5	4354.9	3585.4	2938.3	2348.0	1757.7	1276.7	900.7	616.5
42.5°	7975.3	6737.9	5579.2	4608.5	3777.8	3095.7	2448.6	1840.8	1338.0	940.1	638.4
40°	8312.0	6995.9	5819.7	4783.4	3939.5	3235.6	2536.0	1915.1	1390.4	966.3	660.2
37.5°	8451.9	7153.3	5977.1	4949.6	4066.3	3309.9	2610.3	1980.7	1434.2	992.5	677.7
35°	8482.5	7210.1	6055.8	5063.3	4171.3	3379.9	2667.2	2028.8	1469.1	1018.8	695.2
32.5°	8425.6	7192.6	6077.7	5102.6	4236.9	3432.3	2706.5	2063.8	1495.4	1045.0	712.7
30°	8298.8	7100.8	5999.0	5098.2	4285.0	3463.0	2732.8	2090.0	1521.6	1062.5	721.4
27.5°	8093.3	6939.0	5898.4	5102.6	4311.2	3476.1	2745.9	2103.1	1539.1	1075.6	738.9
25°	7839.7	6720.4	5902.8	5093.9	4315.6	3480.4	2745.9	2103.1	1543.5	1080.0	752.1
22.5°	7546.8	6720.4	5902.8	5080.7	4289.3	3471.7	2732.8	2094.4	1543.5	1088.7	765.2
20°	7564.3	6724.8	5889.6	5054.5	4250.0	3445.5	2702.2	2072.5	1530.3	1101.8	773.9
17.5°	7577.4	6716.0	5863.4	5019.5	4197.5	3401.7	2662.8	2041.9	1530.3	1115.0	778.3
15°	7577.4	6689.8	5824.1	4967.1	4131.9	3340.5	2606.0	2015.7	1534.7	1119.3	787.0
12.5°	7564.3	6641.7	5762.8	4897.1	4053.2	3266.2	2571.0	2006.9	1534.7	1123.7	787.0
10°	7538.0	6576.1	5684.1	4809.7	3978.9	3240.0	2553.5	1989.4	1526.0	1123.7	787.0
7.5°	7489.9	6497.4	5618.6	4757.2	3935.2	3209.4	2527.3	1963.2	1512.9	1115.0	795.8
5°	7415.6	6453.7	5566.1	4696.0	3874.0	3187.5	2509.8	1941.4	1504.1	1115.0	787.0
2.5°	7319.4	6401.2	5504.9	4617.3	3804.0	3113.2	2452.9	1893.3	1473.5	1097.5	778.3
0°	7162.0	6296.3	5399.9	4508.0	3707.8	3038.8	2396.1	1845.2	1442.9	1080.0	769.5
-2.5°	7017.7	6156.4	5264.4	4394.3	3616.0	2973.2	2352.4	1818.9	1429.8	1075.6	765.2
-5°	6816.6	5964.0	5085.1	4245.6	3493.6	2907.7	2308.6	1788.3	1416.7	1066.9	765.2
-7.5°	6593.6	5762.8	4897.1	4092.6	3371.1	2794.0	2225.6	1740.2	1386.1	1049.4	760.8
-10°	6248.2	5461.1	4661.0	3917.7	3240.0	2693.4	2155.6	1696.5	1359.8	1031.9	743.3
-12.5°	5880.9	5128.8	4389.9	3703.4	3091.3	2588.5	2076.9	1648.4	1329.2	1014.4	734.6
-15°	5491.8	4787.8	4105.7	3480.4	2929.5	2461.7	1993.8	1595.9	1298.6	992.5	721.4
-17.5°	5085.1	4429.3	3812.7	3253.1	2767.7	2330.5	1906.4	1547.8	1263.6	970.7	708.3
-20°	4656.6	4062.0	3515.4	3021.3	2597.2	2199.3	1814.6	1491.0	1224.3	944.4	690.8



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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°	4232.5	3699.1	3209.4	2794.0	2422.3	2063.8	1722.7	1434.2	1180.6	913.8	677.7
-25°	3856.5	3358.0	2938.3	2575.4	2251.8	1932.6	1626.5	1377.3	1132.5	883.2	660.2
-27.5°	3489.2	3065.1	2671.5	2369.8	2085.6	1805.8	1534.7	1316.1	1084.4	848.2	642.7
-30°	3148.1	2785.2	2461.7	2168.7	1928.2	1692.1	1456.0	1254.9	1031.9	813.3	620.9
-32.5°	2837.7	2544.7	2273.7	1993.8	1779.6	1578.4	1381.7	1193.7	979.4	778.3	599.0
-35°	2549.1	2321.8	2085.6	1849.5	1630.9	1473.5	1303.0	1128.1	931.3	738.9	577.2
-37.5°	2291.1	2107.5	1919.5	1718.4	1530.3	1372.9	1228.6	1062.5	883.2	704.0	555.3
-40°	2068.2	1919.5	1753.3	1591.6	1434.2	1285.5	1154.3	996.9	835.1	677.7	533.4
-42.5°	1862.6	1749.0	1613.4	1477.9	1338.0	1206.8	1080.0	927.0	787.0	647.1	511.6
-45°	1705.2	1591.6	1482.2	1359.8	1241.8	1128.1	1001.3	865.7	743.3	612.1	489.7
-47.5°	1556.6	1456.0	1355.4	1254.9	1158.7	1053.8	927.0	813.3	695.2	581.5	472.2
-50°	1425.4	1329.2	1241.8	1154.3	1071.2	970.7	852.6	760.8	655.9	550.9	450.4
-52.5°	1303.0	1219.9	1132.5	1062.5	992.5	892.0	795.8	708.3	616.5	515.9	428.5
-55°	1193.7	1115.0	1036.3	970.7	905.1	817.6	738.9	664.6	577.2	489.7	406.6
-57.5°	1088.7	1023.1	948.8	887.6	822.0	752.1	686.5	616.5	537.8	463.5	384.8
-60°	992.5	931.3	865.7	804.5	747.7	690.8	629.6	572.8	502.8	432.9	362.9
-62.5°	896.3	843.9	787.0	725.8	682.1	629.6	581.5	524.7	467.8	406.6	323.6
-65°	808.9	760.8	708.3	655.9	616.5	577.2	533.4	481.0	432.9	376.0	288.6
-67.5°	721.4	677.7	634.0	590.3	555.3	524.7	481.0	441.6	402.3	341.0	253.6
-70°	638.4	603.4	564.0	529.1	502.8	467.8	437.2	402.3	367.3	297.3	214.2
-72.5°	559.7	524.7	494.1	467.8	446.0	415.4	389.1	362.9	314.8	249.2	179.3
-75°	467.8	446.0	428.5	406.6	384.8	362.9	341.0	310.4	262.3	201.1	139.9
-77.5°	384.8	371.7	358.5	341.0	323.6	306.1	279.8	249.2	209.9	157.4	113.7
-80°	314.8	301.7	293.0	275.5	262.3	244.9	218.6	192.4	153.0	122.4	91.8
-82.5°	240.5	231.7	223.0	214.2	201.1	183.6	157.4	135.5	113.7	91.8	70.0
-85°	170.5	166.2	157.4	148.7	135.5	122.4	104.9	91.8	78.7	61.2	48.1
-87.5°	87.4	83.1	78.7	74.3	70.0	61.2	52.5	43.7	39.4	30.6	21.9
-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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 CATALOG NUMBER: IFLD-L-SA7C-730-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	17.5	13.1	4.4	0.0
85°	35.0	21.9	8.7	0.0
82.5°	52.5	35.0	13.1	0.0
80°	70.0	43.7	21.9	0.0
77.5°	87.4	52.5	26.2	0.0
75°	104.9	65.6	30.6	0.0
72.5°	118.1	74.3	35.0	0.0
70°	139.9	87.4	39.4	0.0
67.5°	174.9	96.2	43.7	0.0
65°	205.5	104.9	48.1	0.0
62.5°	240.5	113.7	52.5	0.0
60°	271.1	122.4	56.8	0.0
57.5°	301.7	144.3	61.2	0.0
55°	327.9	161.8	65.6	0.0
52.5°	358.5	179.3	70.0	0.0
50°	384.8	196.8	74.3	0.0
47.5°	406.6	214.2	74.3	0.0
45°	424.1	227.4	78.7	0.0
42.5°	437.2	240.5	83.1	0.0
40°	450.4	253.6	87.4	0.0
37.5°	463.5	266.7	87.4	0.0
35°	476.6	279.8	91.8	0.0
32.5°	489.7	293.0	91.8	0.0
30°	498.5	301.7	96.2	0.0
27.5°	511.6	310.4	96.2	0.0
25°	515.9	319.2	100.6	0.0
22.5°	524.7	323.6	100.6	0.0
20°	533.4	332.3	100.6	0.0
17.5°	537.8	336.7	104.9	0.0
15°	537.8	341.0	109.3	0.0
12.5°	542.2	345.4	109.3	0.0
10°	542.2	354.2	104.9	0.0
7.5°	550.9	349.8	104.9	0.0
5°	546.6	349.8	104.9	0.0
2.5°	542.2	345.4	104.9	0.0
0°	537.8	345.4	104.9	0.0
-2.5°	537.8	345.4	104.9	0.0
-5°	537.8	345.4	104.9	0.0
-7.5°	533.4	349.8	104.9	0.0
-10°	524.7	349.8	104.9	0.0
-12.5°	520.3	336.7	104.9	0.0
-15°	515.9	332.3	104.9	0.0
-17.5°	507.2	327.9	100.6	0.0
-20°	498.5	323.6	100.6	0.0



REPORT NUMBER: P722039
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	489.7	314.8	100.6	0.0
-25°	481.0	306.1	96.2	0.0
-27.5°	472.2	297.3	96.2	0.0
-30°	459.1	288.6	91.8	0.0
-32.5°	446.0	279.8	91.8	0.0
-35°	437.2	266.7	87.4	0.0
-37.5°	424.1	253.6	87.4	0.0
-40°	411.0	240.5	83.1	0.0
-42.5°	397.9	227.4	78.7	0.0
-45°	380.4	214.2	78.7	0.0
-47.5°	367.3	201.1	74.3	0.0
-50°	345.4	183.6	70.0	0.0
-52.5°	319.2	166.2	65.6	0.0
-55°	293.0	153.0	61.2	0.0
-57.5°	266.7	135.5	61.2	0.0
-60°	240.5	118.1	56.8	0.0
-62.5°	214.2	109.3	52.5	0.0
-65°	188.0	100.6	48.1	0.0
-67.5°	157.4	87.4	43.7	0.0
-70°	131.2	78.7	39.4	0.0
-72.5°	113.7	70.0	35.0	0.0
-75°	96.2	61.2	30.6	0.0
-77.5°	83.1	52.5	26.2	0.0
-80°	65.6	39.4	17.5	0.0
-82.5°	48.1	30.6	13.1	0.0
-85°	30.6	21.9	8.7	0.0
-87.5°	17.5	8.7	4.4	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)