

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: P722087

Luminaire Tested: **IFLD-S-SA6C-740-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722087
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-740-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

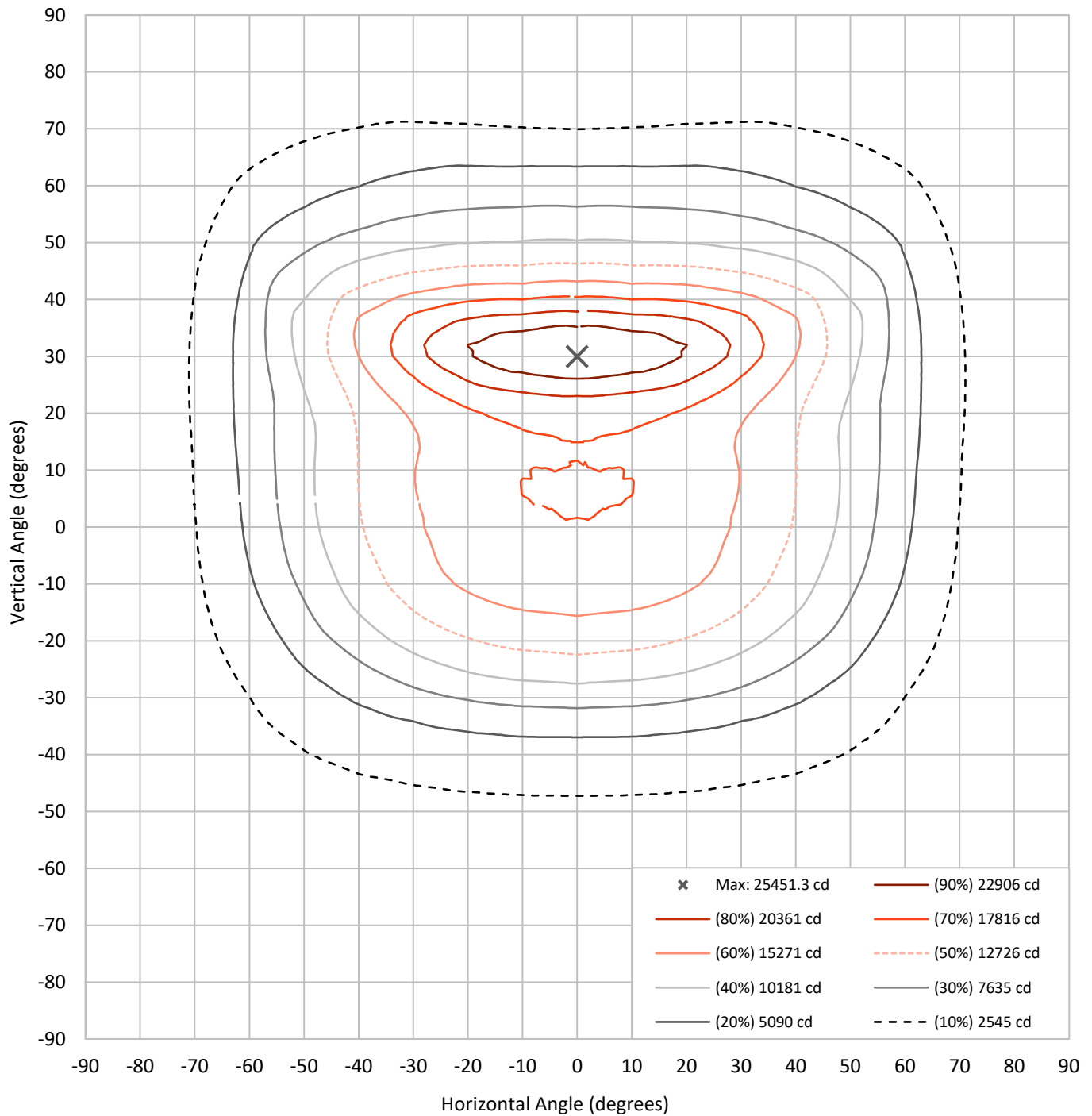
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	42484.6 lumens	Max Intensity:	25451.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	132.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	24705.3 lumens	Field Lumens:	39813.6 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 321.5
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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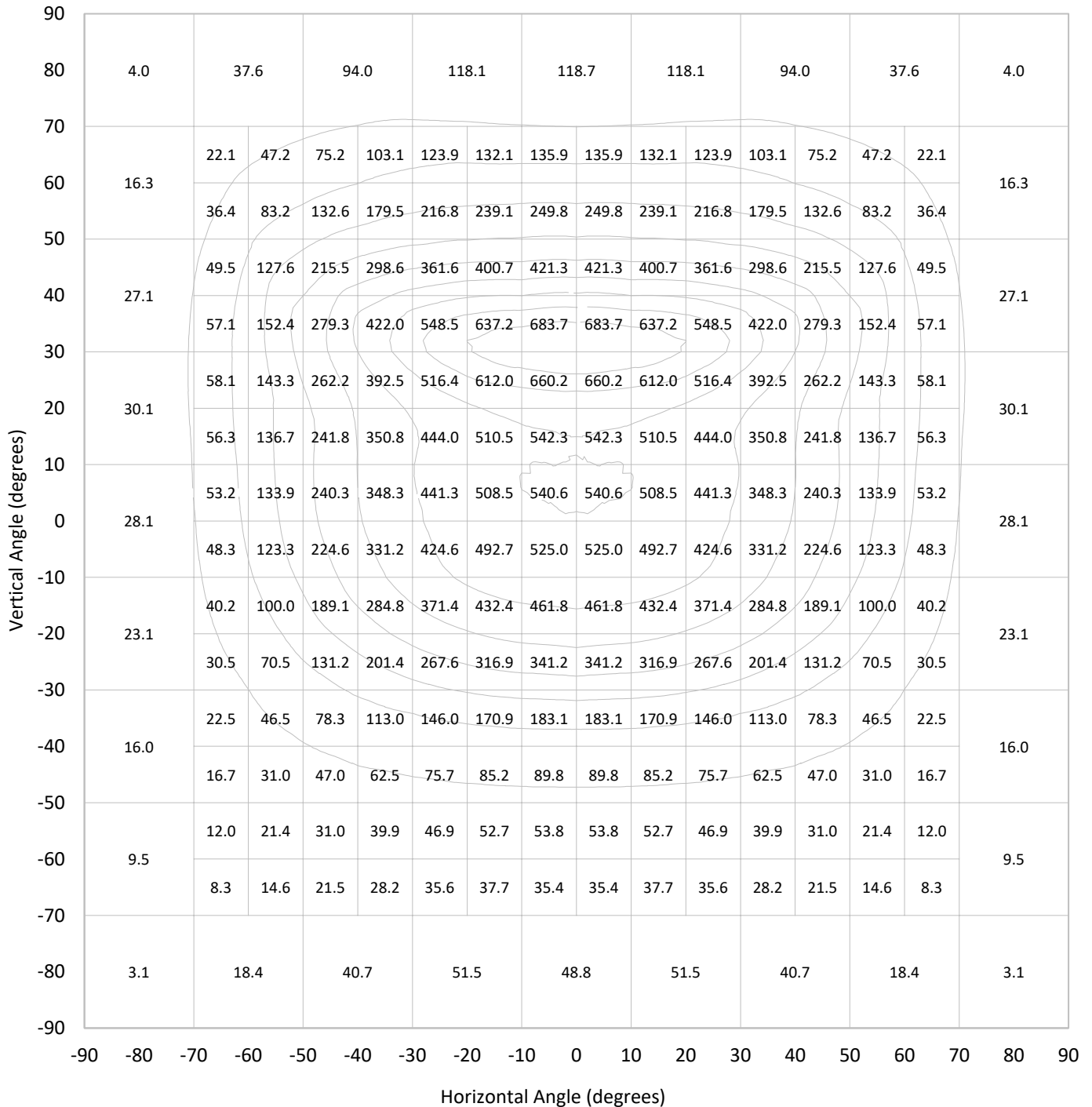
Iso-Candela Plot





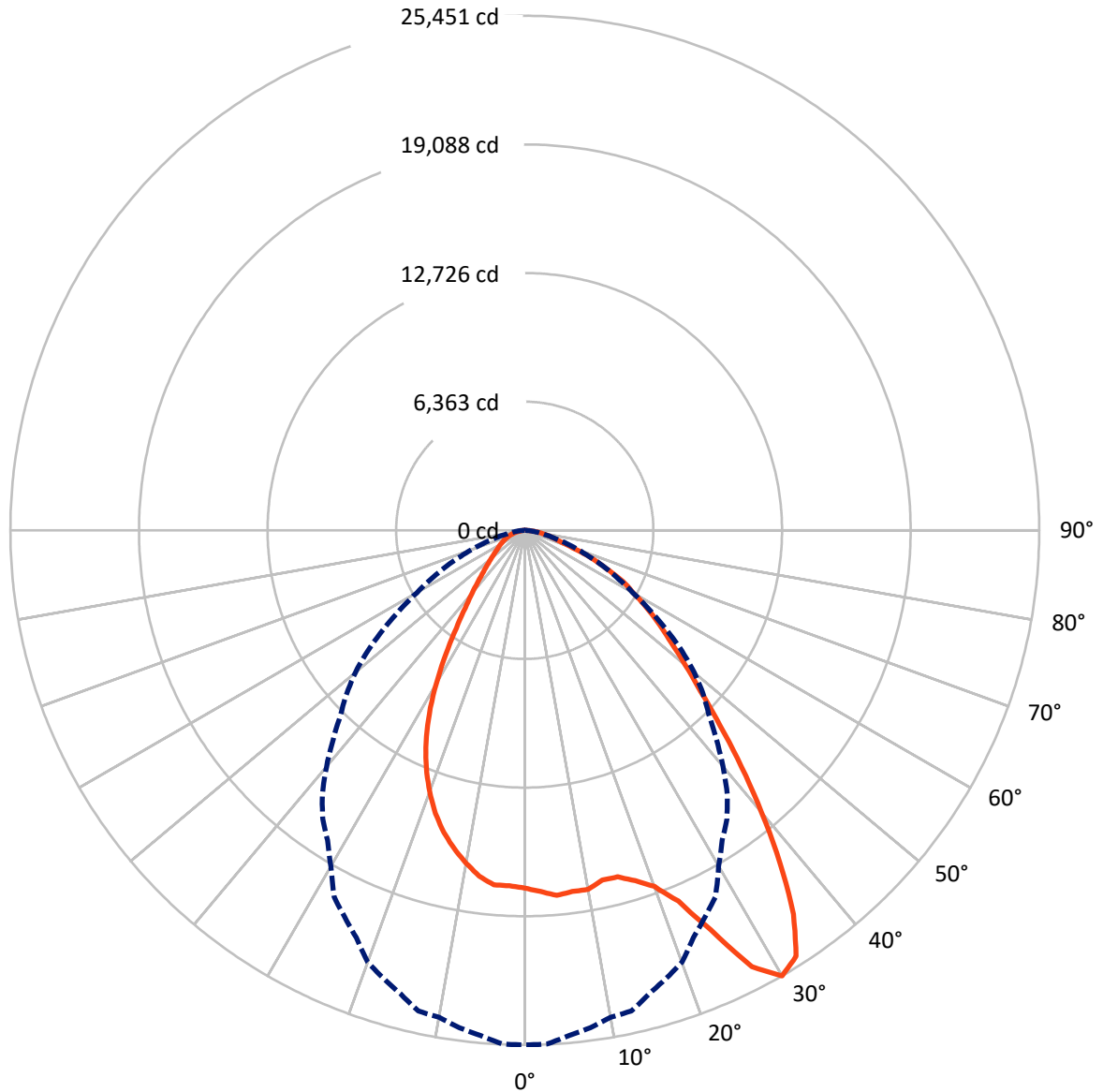
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Lumen Table



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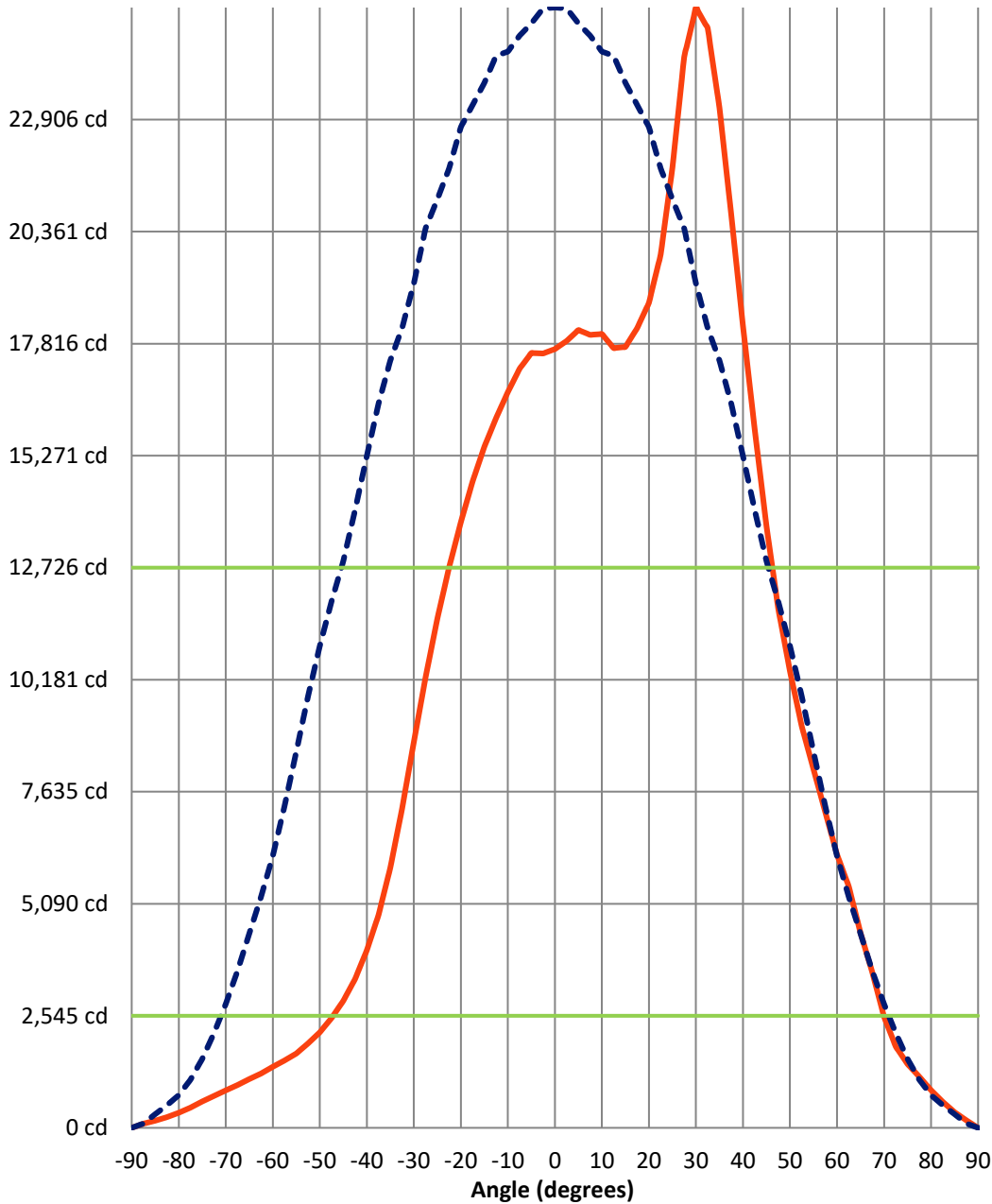
Luminous Intensity Polar Plot



— 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: 24705.3
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 39813.6
 Efficiency: 93.7%

Spill:
 Lumens: 2671
 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°	171.0	175.5	180.0	180.0	175.5	175.5	175.5	171.0	175.5	175.5	175.5
85°	355.6	364.6	373.6	369.1	364.6	355.6	346.6	351.1	355.6	360.1	360.1
82.5°	589.6	603.1	612.1	607.6	598.6	589.6	580.6	585.1	594.1	598.6	598.6
80°	855.1	859.6	864.1	873.1	859.6	859.6	855.1	873.1	882.1	891.1	900.1
77.5°	1161.2	1165.7	1165.7	1170.2	1174.7	1179.2	1179.2	1210.7	1233.2	1246.7	1260.2
75°	1449.2	1462.7	1476.2	1489.7	1507.7	1516.7	1530.2	1575.2	1611.2	1638.2	1665.3
72.5°	1845.3	1863.3	1885.8	1917.3	1948.8	1971.3	2002.8	2056.8	2097.3	2124.3	2155.8
70°	2524.9	2542.9	2565.4	2587.9	2619.4	2641.9	2673.4	2740.9	2781.4	2799.4	2817.4
67.5°	3533.0	3578.0	3618.5	3573.5	3551.0	3519.5	3528.5	3591.5	3632.0	3659.1	3654.5
65°	4428.7	4460.2	4460.2	4455.7	4437.7	4397.2	4419.7	4496.2	4541.2	4563.7	4496.2
62.5°	5481.8	5481.8	5459.3	5495.3	5499.8	5472.8	5459.3	5463.8	5468.3	5481.8	5369.3
60°	6210.9	6255.9	6269.4	6300.9	6309.9	6309.9	6332.5	6350.5	6350.5	6323.5	6192.9
57.5°	7174.1	7259.6	7277.6	7255.1	7210.1	7151.6	7142.6	7115.6	7061.6	7007.6	6944.5
55°	8146.2	8191.2	8186.7	8173.2	8128.2	8060.7	8069.7	8033.7	7948.2	7880.7	7795.2
52.5°	9122.9	9230.9	9248.9	9221.9	9158.9	9086.9	9091.4	9050.9	8965.3	8893.3	8776.3
50°	10369.6	10459.6	10450.6	10405.6	10315.6	10261.5	10266.0	10189.5	10090.5	10068.0	9915.0
47.5°	11796.3	11899.8	11881.8	11818.8	11697.3	11674.8	11697.3	11598.2	11539.7	11490.2	11310.2
45°	13668.6	13790.1	13722.6	13601.0	13407.5	13430.0	13461.5	13443.5	13317.5	13187.0	12957.4
42.5°	15864.9	15941.4	15860.4	15738.9	15495.8	15540.8	15522.8	15414.8	15338.3	15122.3	14829.7
40°	18214.2	18380.8	18254.7	18065.7	17813.7	17881.2	17831.7	17692.2	17512.1	17242.1	16873.0
37.5°	20748.1	20878.6	20734.6	20514.1	20289.1	20266.5	20167.5	19951.5	19695.0	19397.9	18808.3
35°	23174.0	23511.5	23246.0	22894.9	22620.4	22516.9	22422.4	21922.8	21630.3	21148.7	20343.1
32.5°	24978.8	25226.3	24897.7	24533.2	24200.1	24056.1	23723.1	23129.0	22971.5	21958.8	21220.7
30°	25451.3	25433.3	25091.3	24812.2	24452.2	24353.2	23741.1	23237.0	22732.9	21796.8	21094.7
27.5°	24326.2	24213.6	23885.1	23642.1	23286.5	23169.5	22566.4	22296.4	21517.7	20725.6	20131.5
25°	21819.3	21877.8	21630.3	21508.7	21274.7	21022.7	20784.1	20419.6	19933.5	19240.4	18695.8
22.5°	19843.5	19920.0	19816.5	19672.5	19492.4	19352.9	19172.9	18889.3	18421.3	17993.7	17480.6
20°	18745.3	18722.8	18632.8	18524.8	18353.8	18254.7	18056.7	17818.2	17458.1	17089.1	16535.5
17.5°	18169.2	18029.7	17944.2	17903.7	17813.7	17687.7	17453.6	17210.6	16931.5	16513.0	16107.9
15°	17741.7	17764.2	17696.7	17665.2	17593.1	17417.6	17179.1	16981.1	16603.0	16391.5	16022.4
12.5°	17714.7	17692.2	17696.7	17683.2	17593.1	17368.1	17246.6	16994.6	16751.5	16472.5	16049.4
10°	18034.2	17795.7	17813.7	17876.7	17732.7	17552.6	17422.1	17147.6	16918.0	16562.5	16143.9
7.5°	18016.2	17894.7	17930.7	17827.2	17872.2	17651.7	17471.6	17197.1	16909.0	16531.0	16152.9
5°	18124.2	17939.7	17908.2	17917.2	17804.7	17638.2	17395.1	17134.1	16864.0	16441.0	16053.9
2.5°	17876.7	17903.7	17759.7	17705.7	17692.2	17413.1	17188.1	16936.0	16657.0	16283.4	15936.9
0°	17692.2	17741.7	17593.1	17516.6	17512.1	17273.6	17129.6	16841.5	16643.5	16333.0	15914.4
-2.5°	17593.1	17651.7	17669.7	17530.1	17395.1	17210.6	16967.6	16657.0	16333.0	15972.9	15612.8
-5°	17602.1	17485.1	17435.6	17480.6	17363.6	17179.1	16909.0	16634.5	16315.0	15927.9	15477.8
-7.5°	17246.6	17129.6	17120.6	17098.1	17071.1	16895.5	16670.5	16373.5	16049.4	15689.4	15270.8
-10°	16715.5	16630.0	16607.5	16585.0	16513.0	16409.5	16197.9	15927.9	15635.4	15275.3	14829.7
-12.5°	16125.9	16085.4	15999.9	15941.4	15869.4	15747.9	15545.3	15297.8	15005.3	14685.7	14303.2
-15°	15473.3	15396.8	15311.3	15261.8	15158.3	15014.3	14811.7	14582.2	14262.6	13947.6	13587.5
-17.5°	14685.7	14591.2	14496.7	14483.2	14411.2	14190.6	14001.6	13722.6	13443.5	13142.0	12790.9
-20°	13758.6	13628.0	13565.0	13529.0	13430.0	13268.0	13065.5	12808.9	12538.9	12250.8	11845.8



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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°	12732.4	12619.9	12511.9	12444.4	12358.9	12232.8	12039.3	11814.3	11548.7	11224.7	10851.1
-25°	11566.7	11409.2	11341.7	11265.2	11220.2	11103.2	10914.1	10707.1	10432.6	10117.5	9762.0
-27.5°	10234.5	10108.5	10072.5	9964.5	9910.5	9789.0	9631.4	9437.9	9185.9	8888.8	8596.3
-30°	8762.8	8686.3	8627.8	8519.8	8479.3	8348.8	8245.2	8083.2	7853.7	7642.1	7408.1
-32.5°	7250.6	7174.1	7156.1	7106.6	7079.6	6994.1	6877.0	6760.0	6575.5	6418.0	6228.9
-35°	5909.4	5855.4	5859.9	5855.4	5828.4	5765.4	5621.3	5589.8	5454.8	5310.8	5189.3
-37.5°	4838.2	4842.7	4838.2	4833.7	4797.7	4770.7	4667.2	4626.7	4545.7	4406.2	4334.2
-40°	4032.6	4041.6	4037.1	4028.1	3987.6	3974.1	3906.6	3852.6	3821.1	3722.1	3645.5
-42.5°	3380.0	3393.5	3389.0	3384.5	3357.5	3353.0	3317.0	3254.0	3236.0	3177.5	3096.5
-45°	2884.9	2880.4	2871.4	2880.4	2866.9	2853.4	2830.9	2790.4	2767.9	2740.9	2673.4
-47.5°	2493.4	2497.9	2488.9	2488.9	2470.9	2457.4	2448.4	2421.4	2403.4	2380.9	2340.4
-50°	2169.3	2187.3	2182.8	2178.3	2164.8	2155.8	2155.8	2128.8	2101.8	2092.8	2065.8
-52.5°	1917.3	1930.8	1935.3	1944.3	1948.8	1953.3	1939.8	1912.8	1867.8	1863.3	1849.8
-55°	1687.8	1728.3	1755.3	1773.3	1791.3	1804.8	1777.8	1741.8	1696.8	1678.8	1674.3
-57.5°	1530.2	1570.7	1602.2	1629.2	1651.7	1674.3	1647.2	1611.2	1570.7	1548.2	1543.7
-60°	1386.2	1422.2	1453.7	1489.7	1521.2	1557.2	1543.7	1516.7	1494.2	1476.2	1458.2
-62.5°	1233.2	1269.2	1305.2	1350.2	1390.7	1426.7	1431.2	1426.7	1422.2	1426.7	1395.2
-65°	1107.2	1125.2	1147.7	1197.2	1242.2	1282.7	1305.2	1318.7	1341.2	1363.7	1332.2
-67.5°	972.1	994.6	1021.7	1057.7	1093.7	1120.7	1152.2	1188.2	1224.2	1260.2	1237.7
-70°	850.6	868.6	891.1	909.1	931.6	949.6	976.6	1017.2	1057.7	1093.7	1084.7
-72.5°	724.6	742.6	756.1	765.1	778.6	787.6	801.1	837.1	864.1	882.1	882.1
-75°	598.6	616.6	630.1	634.6	643.6	648.1	657.1	670.6	684.1	688.6	693.1
-77.5°	459.1	477.1	490.6	499.6	508.6	517.6	522.1	531.1	535.6	535.6	540.1
-80°	342.1	355.6	364.6	378.1	382.6	391.6	400.6	405.1	409.6	409.6	414.1
-82.5°	243.0	252.0	261.0	270.0	279.0	283.5	292.5	297.0	301.5	306.0	310.5
-85°	162.0	171.0	180.0	189.0	193.5	198.0	202.5	207.0	211.5	216.0	220.5
-87.5°	94.5	99.0	103.5	112.5	117.0	126.0	130.5	126.0	130.5	130.5	130.5
-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°	175.5	175.5	175.5	175.5	171.0	162.0	157.5	148.5	139.5	130.5	121.5
85°	364.6	369.1	369.1	369.1	360.1	355.6	342.1	328.5	310.5	283.5	261.0
82.5°	607.6	612.1	612.1	607.6	598.6	585.1	567.1	544.6	508.6	472.6	441.1
80°	913.6	918.1	918.1	913.6	891.1	868.6	846.1	819.1	774.1	724.6	670.6
77.5°	1278.2	1287.2	1287.2	1273.7	1242.2	1215.2	1179.2	1134.2	1066.7	994.6	922.6
75°	1701.3	1723.8	1728.3	1714.8	1674.3	1624.7	1566.2	1489.7	1386.2	1296.2	1210.7
72.5°	2191.8	2214.3	2232.3	2214.3	2155.8	2088.3	2002.8	1912.8	1809.3	1687.8	1543.7
70°	2835.4	2857.9	2871.4	2812.9	2709.4	2596.9	2493.4	2389.9	2268.3	2119.8	1962.3
67.5°	3645.5	3623.0	3596.0	3479.0	3348.5	3213.5	3069.5	2916.4	2758.9	2601.4	2416.9
65°	4424.2	4361.2	4302.6	4163.1	3996.6	3821.1	3654.5	3483.5	3294.5	3096.5	2920.9
62.5°	5243.3	5108.3	4964.2	4793.2	4622.2	4428.7	4262.1	4059.6	3848.1	3605.0	3380.0
60°	6048.9	5886.9	5742.9	5531.3	5306.3	5045.3	4865.2	4667.2	4419.7	4158.6	3893.1
57.5°	6827.5	6652.0	6494.5	6309.9	6066.9	5783.4	5585.3	5328.8	5067.8	4739.2	4469.2
55°	7655.7	7480.1	7354.1	7147.1	6881.5	6620.5	6404.5	6134.4	5769.9	5418.8	5085.8
52.5°	8605.3	8465.8	8330.8	8119.2	7799.7	7534.1	7295.6	6994.1	6611.5	6179.4	5778.9
50°	9667.5	9595.4	9451.4	9203.9	8839.3	8605.3	8290.2	7889.7	7480.1	7025.6	6526.0
47.5°	11076.2	10959.1	10756.6	10486.6	10180.5	9829.5	9406.4	8938.3	8357.8	7853.7	7322.6
45°	12759.4	12543.4	12282.3	11917.8	11539.7	11143.7	10680.1	10086.0	9307.4	8650.3	8092.2
42.5°	14582.2	14289.6	13934.1	13457.0	12966.4	12480.4	11980.8	11170.7	10198.5	9442.4	8812.3
40°	16486.0	16112.4	15666.9	14973.8	14429.2	13803.6	13232.0	12021.3	10986.2	10167.0	9496.4
37.5°	18349.3	17876.7	17129.6	16287.9	15653.4	15140.3	13884.6	12588.4	11661.3	10761.1	10081.5
35°	19776.0	19375.4	18056.7	17183.6	16639.0	15828.9	14258.1	12930.4	11949.3	11202.2	10144.5
32.5°	20622.1	19586.9	18430.3	17548.1	17098.1	15770.4	14285.1	13029.5	12084.3	11247.2	9982.5
30°	20433.1	19181.9	18169.2	17431.1	16454.5	15261.8	14033.1	12876.4	11958.3	10945.6	9802.5
27.5°	19294.4	18326.8	17422.1	16652.5	15693.9	14622.7	13488.5	12471.4	11616.2	10635.1	9554.9
25°	18007.2	17129.6	16459.0	15788.4	14879.2	13857.6	12858.4	12124.8	11265.2	10297.5	9230.9
22.5°	16823.5	16193.4	15666.9	14964.8	14078.1	13187.0	12565.9	11805.3	10923.1	9942.0	8897.8
20°	16067.4	15639.9	15036.8	14262.6	13565.0	13007.0	12318.4	11512.7	10603.6	9577.4	8614.3
17.5°	15702.9	15207.8	14537.2	14033.1	13497.5	12885.4	12115.8	11260.7	10293.0	9410.9	8645.8
15°	15513.8	14991.8	14550.7	14055.6	13452.5	12808.9	11953.8	11067.2	10293.0	9478.4	8668.3
12.5°	15554.3	15104.3	14622.7	14082.6	13434.5	12745.9	11971.8	11148.2	10347.1	9527.9	8672.8
10°	15680.4	15207.8	14694.7	14096.1	13443.5	12763.9	12021.3	11197.7	10374.1	9550.4	8663.8
7.5°	15725.4	15212.3	14663.2	14060.1	13421.0	12754.9	12030.3	11211.2	10378.6	9545.9	8636.8
5°	15585.8	15122.3	14591.2	13983.6	13358.0	12709.9	11994.3	11193.2	10342.6	9500.9	8569.3
2.5°	15396.8	15023.3	14514.7	13929.6	13295.0	12646.9	11935.8	11112.2	10261.5	9419.9	8483.8
0°	15365.3	14901.7	14388.7	13866.6	13191.5	12507.4	11800.8	10959.1	10113.0	9266.9	8335.3
-2.5°	15158.3	14667.7	14154.6	13587.5	12993.5	12304.9	11562.2	10738.6	9901.5	9068.9	8173.2
-5°	15000.8	14456.2	13911.6	13299.5	12700.9	12012.3	11242.7	10441.6	9622.4	8812.3	7948.2
-7.5°	14789.2	14231.1	13659.6	13020.5	12372.4	11670.3	10909.6	10108.5	9302.9	8497.3	7669.2
-10°	14361.7	13871.1	13335.5	12673.9	11989.8	11287.7	10531.6	9744.0	8938.3	8123.7	7291.1
-12.5°	13844.1	13326.5	12741.4	12133.8	11521.7	10869.1	10113.0	9338.9	8528.8	7709.7	6881.5
-15°	13173.5	12664.9	12066.3	11472.2	10882.6	10257.0	9590.9	8893.3	8069.7	7264.1	6436.0
-17.5°	12336.4	11859.3	11323.7	10756.6	10171.5	9541.4	8893.3	8303.7	7534.1	6778.0	5958.9
-20°	11436.2	10990.7	10509.1	9973.5	9388.4	8771.8	8159.7	7543.1	6877.0	6210.9	5450.3



REPORT NUMBER: P722087
 CATALOG NUMBER: IFLD-S-SA6C-740-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	10500.1	10050.0	9563.9	9064.4	8524.3	7952.7	7385.6	6796.0	6210.9	5607.8	4964.2
-25°	9419.9	9023.9	8578.3	8092.2	7610.6	7111.1	6571.0	6035.4	5535.8	5013.8	4487.2
-27.5°	8290.2	7925.7	7520.6	7097.6	6683.5	6264.9	5796.9	5301.8	4887.7	4455.7	4019.1
-30°	7102.1	6809.5	6481.0	6111.9	5792.4	5454.8	5063.3	4653.7	4275.6	3947.1	3596.0
-32.5°	5976.9	5729.4	5495.3	5252.3	4937.2	4676.2	4406.2	4104.6	3771.6	3461.0	3209.0
-35°	5009.3	4743.7	4644.7	4464.7	4239.6	4010.1	3812.1	3596.0	3344.0	3069.5	2862.4
-37.5°	4194.6	4037.1	3897.6	3798.6	3650.0	3465.5	3308.0	3150.5	2956.9	2749.9	2542.9
-40°	3560.0	3452.0	3299.0	3249.5	3155.0	3029.0	2866.9	2745.4	2614.9	2457.4	2281.8
-42.5°	3051.5	2970.4	2871.4	2785.9	2745.4	2655.4	2529.4	2412.4	2308.8	2200.8	2065.8
-45°	2632.9	2578.9	2515.9	2439.4	2407.9	2335.9	2245.8	2115.3	2056.8	1966.8	1867.8
-47.5°	2295.3	2268.3	2223.3	2173.8	2128.8	2074.8	1993.8	1912.8	1831.8	1773.3	1696.8
-50°	2029.8	2011.8	1984.8	1944.3	1885.8	1849.8	1795.8	1723.8	1647.2	1597.7	1543.7
-52.5°	1818.3	1800.3	1782.3	1750.8	1705.8	1669.8	1624.7	1566.2	1503.2	1453.7	1408.7
-55°	1656.2	1629.2	1615.7	1588.7	1552.7	1512.2	1471.7	1431.2	1377.2	1332.2	1287.2
-57.5°	1530.2	1494.2	1476.2	1453.7	1417.7	1377.2	1345.7	1305.2	1269.2	1219.7	1179.2
-60°	1431.2	1390.7	1354.7	1332.2	1300.7	1260.2	1228.7	1197.2	1161.2	1120.7	1071.2
-62.5°	1350.2	1300.7	1251.2	1224.2	1192.7	1156.7	1125.2	1093.7	1057.7	1017.2	972.1
-65°	1273.7	1215.2	1152.2	1125.2	1093.7	1057.7	1017.2	994.6	963.1	927.1	882.1
-67.5°	1179.2	1116.2	1062.2	1030.7	999.2	967.6	931.6	909.1	877.6	832.6	787.6
-70°	1039.7	999.2	963.1	936.1	909.1	882.1	846.1	810.1	774.1	733.6	693.1
-72.5°	864.1	850.6	846.1	832.6	801.1	769.6	733.6	697.6	666.1	634.6	603.1
-75°	697.6	706.6	715.6	711.1	679.6	648.1	616.6	585.1	562.6	535.6	508.6
-77.5°	553.6	562.6	571.6	571.6	549.1	531.1	508.6	486.1	468.1	445.6	418.6
-80°	427.6	441.1	454.6	463.6	445.6	432.1	414.1	396.1	378.1	360.1	342.1
-82.5°	324.0	337.6	351.1	360.1	346.6	337.6	324.0	310.5	297.0	279.0	265.5
-85°	234.0	243.0	252.0	256.5	247.5	238.5	229.5	220.5	211.5	198.0	189.0
-87.5°	135.0	139.5	144.0	148.5	139.5	130.5	126.0	117.0	112.5	103.5	99.0
-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):

	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°	112.5	103.5	94.5	90.0	81.0	67.5	58.5	49.5	40.5	31.5	27.0
85°	238.5	216.0	189.0	175.5	157.5	139.5	121.5	103.5	85.5	67.5	49.5
82.5°	409.6	382.6	355.6	324.0	283.5	234.0	184.5	153.0	126.0	99.0	76.5
80°	616.6	567.1	522.1	481.6	436.6	373.6	306.0	243.0	171.0	130.5	99.0
77.5°	855.1	796.6	733.6	666.1	594.1	508.6	432.1	351.1	265.5	180.0	126.0
75°	1125.2	1048.7	963.1	868.6	774.1	661.6	553.6	459.1	360.1	252.0	153.0
72.5°	1426.7	1332.2	1228.7	1102.7	954.1	823.6	693.1	567.1	450.1	319.5	207.0
70°	1813.8	1665.3	1512.2	1377.2	1188.2	981.1	828.1	684.1	535.6	391.6	261.0
67.5°	2227.8	2047.8	1863.3	1665.3	1426.7	1183.7	963.1	801.1	625.6	459.1	310.5
65°	2677.9	2452.9	2218.8	1998.3	1669.8	1381.7	1134.2	913.6	711.1	522.1	360.1
62.5°	3141.5	2875.9	2605.9	2317.8	1939.8	1584.2	1296.2	1039.7	792.1	580.6	405.1
60°	3636.5	3326.0	2997.5	2637.4	2196.3	1804.8	1449.2	1170.2	877.6	639.1	454.6
57.5°	4158.6	3821.1	3434.0	2947.9	2461.9	2016.3	1624.7	1287.2	954.1	693.1	490.6
55°	4725.7	4338.7	3915.6	3272.0	2722.9	2227.8	1800.3	1404.2	1035.2	738.1	526.6
52.5°	5337.8	4887.7	4352.2	3614.0	2997.5	2443.9	1962.3	1507.7	1111.7	787.6	558.1
50°	6021.9	5454.8	4734.7	3929.1	3236.0	2646.4	2124.3	1620.2	1174.7	841.6	585.1
47.5°	6733.0	6120.9	5076.8	4221.6	3479.0	2844.4	2290.8	1719.3	1237.7	886.6	612.1
45°	7475.6	6584.5	5432.3	4482.7	3690.6	3024.5	2416.9	1809.3	1314.2	927.1	634.6
42.5°	8209.2	6935.5	5742.9	4743.7	3888.6	3186.5	2520.4	1894.8	1377.2	967.6	657.1
40°	8555.8	7201.1	5990.4	4923.7	4055.1	3330.5	2610.4	1971.3	1431.2	994.6	679.6
37.5°	8699.8	7363.1	6152.4	5094.8	4185.6	3407.0	2686.9	2038.8	1476.2	1021.7	697.6
35°	8731.3	7421.6	6233.4	5211.8	4293.6	3479.0	2745.4	2088.3	1512.2	1048.7	715.6
32.5°	8672.8	7403.6	6255.9	5252.3	4361.2	3533.0	2785.9	2124.3	1539.2	1075.7	733.6
30°	8542.3	7309.1	6174.9	5247.8	4410.7	3564.5	2812.9	2151.3	1566.2	1093.7	742.6
27.5°	8330.8	7142.6	6071.4	5252.3	4437.7	3578.0	2826.4	2164.8	1584.2	1107.2	760.6
25°	8069.7	6917.5	6075.9	5243.3	4442.2	3582.5	2826.4	2164.8	1588.7	1111.7	774.1
22.5°	7768.2	6917.5	6075.9	5229.8	4415.2	3573.5	2812.9	2155.8	1588.7	1120.7	787.6
20°	7786.2	6922.0	6062.4	5202.8	4374.7	3546.5	2781.4	2133.3	1575.2	1134.2	796.6
17.5°	7799.7	6913.0	6035.4	5166.8	4320.6	3501.5	2740.9	2101.8	1575.2	1147.7	801.1
15°	7799.7	6886.0	5994.9	5112.8	4253.1	3438.5	2682.4	2074.8	1579.7	1152.2	810.1
12.5°	7786.2	6836.5	5931.9	5040.8	4172.1	3362.0	2646.4	2065.8	1579.7	1156.7	810.1
10°	7759.2	6769.0	5850.9	4950.7	4095.6	3335.0	2628.4	2047.8	1570.7	1156.7	810.1
7.5°	7709.7	6688.0	5783.4	4896.7	4050.6	3303.5	2601.4	2020.8	1557.2	1147.7	819.1
5°	7633.1	6643.0	5729.4	4833.7	3987.6	3281.0	2583.4	1998.3	1548.2	1147.7	810.1
2.5°	7534.1	6589.0	5666.4	4752.7	3915.6	3204.5	2524.9	1948.8	1516.7	1129.7	801.1
0°	7372.1	6481.0	5558.3	4640.2	3816.6	3128.0	2466.4	1899.3	1485.2	1111.7	792.1
-2.5°	7223.6	6337.0	5418.8	4523.2	3722.1	3060.5	2421.4	1872.3	1471.7	1107.2	787.6
-5°	7016.6	6138.9	5234.3	4370.2	3596.0	2993.0	2376.4	1840.8	1458.2	1098.2	787.6
-7.5°	6787.0	5931.9	5040.8	4212.6	3470.0	2875.9	2290.8	1791.3	1426.7	1080.2	783.1
-10°	6431.5	5621.3	4797.7	4032.6	3335.0	2772.4	2218.8	1746.3	1399.7	1062.2	765.1
-12.5°	6053.4	5279.3	4518.7	3812.1	3182.0	2664.4	2137.8	1696.8	1368.2	1044.2	756.1
-15°	5652.9	4928.2	4226.1	3582.5	3015.5	2533.9	2052.3	1642.7	1336.7	1021.7	742.6
-17.5°	5234.3	4559.2	3924.6	3348.5	2848.9	2398.9	1962.3	1593.2	1300.7	999.2	729.1
-20°	4793.2	4181.1	3618.5	3110.0	2673.4	2263.8	1867.8	1534.7	1260.2	972.1	711.1



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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°	4356.7	3807.6	3303.5	2875.9	2493.4	2124.3	1773.3	1476.2	1215.2	940.6	697.6
-25°	3969.6	3456.5	3024.5	2650.9	2317.8	1989.3	1674.3	1417.7	1165.7	909.1	679.6
-27.5°	3591.5	3155.0	2749.9	2439.4	2146.8	1858.8	1579.7	1354.7	1116.2	873.1	661.6
-30°	3240.5	2866.9	2533.9	2232.3	1984.8	1741.8	1498.7	1291.7	1062.2	837.1	639.1
-32.5°	2920.9	2619.4	2340.4	2052.3	1831.8	1624.7	1422.2	1228.7	1008.2	801.1	616.6
-35°	2623.9	2389.9	2146.8	1903.8	1678.8	1516.7	1341.2	1161.2	958.6	760.6	594.1
-37.5°	2358.4	2169.3	1975.8	1768.8	1575.2	1413.2	1264.7	1093.7	909.1	724.6	571.6
-40°	2128.8	1975.8	1804.8	1638.2	1476.2	1323.2	1188.2	1026.2	859.6	697.6	549.1
-42.5°	1917.3	1800.3	1660.7	1521.2	1377.2	1242.2	1111.7	954.1	810.1	666.1	526.6
-45°	1755.3	1638.2	1525.7	1399.7	1278.2	1161.2	1030.7	891.1	765.1	630.1	504.1
-47.5°	1602.2	1498.7	1395.2	1291.7	1192.7	1084.7	954.1	837.1	715.6	598.6	486.1
-50°	1467.2	1368.2	1278.2	1188.2	1102.7	999.2	877.6	783.1	675.1	567.1	463.6
-52.5°	1341.2	1255.7	1165.7	1093.7	1021.7	918.1	819.1	729.1	634.6	531.1	441.1
-55°	1228.7	1147.7	1066.7	999.2	931.6	841.6	760.6	684.1	594.1	504.1	418.6
-57.5°	1120.7	1053.2	976.6	913.6	846.1	774.1	706.6	634.6	553.6	477.1	396.1
-60°	1021.7	958.6	891.1	828.1	769.6	711.1	648.1	589.6	517.6	445.6	373.6
-62.5°	922.6	868.6	810.1	747.1	702.1	648.1	598.6	540.1	481.6	418.6	333.1
-65°	832.6	783.1	729.1	675.1	634.6	594.1	549.1	495.1	445.6	387.1	297.0
-67.5°	742.6	697.6	652.6	607.6	571.6	540.1	495.1	454.6	414.1	351.1	261.0
-70°	657.1	621.1	580.6	544.6	517.6	481.6	450.1	414.1	378.1	306.0	220.5
-72.5°	576.1	540.1	508.6	481.6	459.1	427.6	400.6	373.6	324.0	256.5	184.5
-75°	481.6	459.1	441.1	418.6	396.1	373.6	351.1	319.5	270.0	207.0	144.0
-77.5°	396.1	382.6	369.1	351.1	333.1	315.0	288.0	256.5	216.0	162.0	117.0
-80°	324.0	310.5	301.5	283.5	270.0	252.0	225.0	198.0	157.5	126.0	94.5
-82.5°	247.5	238.5	229.5	220.5	207.0	189.0	162.0	139.5	117.0	94.5	72.0
-85°	175.5	171.0	162.0	153.0	139.5	126.0	108.0	94.5	81.0	63.0	49.5
-87.5°	90.0	85.5	81.0	76.5	72.0	63.0	54.0	45.0	40.5	31.5	22.5
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	18.0	13.5	4.5	0.0
85°	36.0	22.5	9.0	0.0
82.5°	54.0	36.0	13.5	0.0
80°	72.0	45.0	22.5	0.0
77.5°	90.0	54.0	27.0	0.0
75°	108.0	67.5	31.5	0.0
72.5°	121.5	76.5	36.0	0.0
70°	144.0	90.0	40.5	0.0
67.5°	180.0	99.0	45.0	0.0
65°	211.5	108.0	49.5	0.0
62.5°	247.5	117.0	54.0	0.0
60°	279.0	126.0	58.5	0.0
57.5°	310.5	148.5	63.0	0.0
55°	337.6	166.5	67.5	0.0
52.5°	369.1	184.5	72.0	0.0
50°	396.1	202.5	76.5	0.0
47.5°	418.6	220.5	76.5	0.0
45°	436.6	234.0	81.0	0.0
42.5°	450.1	247.5	85.5	0.0
40°	463.6	261.0	90.0	0.0
37.5°	477.1	274.5	90.0	0.0
35°	490.6	288.0	94.5	0.0
32.5°	504.1	301.5	94.5	0.0
30°	513.1	310.5	99.0	0.0
27.5°	526.6	319.5	99.0	0.0
25°	531.1	328.5	103.5	0.0
22.5°	540.1	333.1	103.5	0.0
20°	549.1	342.1	103.5	0.0
17.5°	553.6	346.6	108.0	0.0
15°	553.6	351.1	112.5	0.0
12.5°	558.1	355.6	112.5	0.0
10°	558.1	364.6	108.0	0.0
7.5°	567.1	360.1	108.0	0.0
5°	562.6	360.1	108.0	0.0
2.5°	558.1	355.6	108.0	0.0
0°	553.6	355.6	108.0	0.0
-2.5°	553.6	355.6	108.0	0.0
-5°	553.6	355.6	108.0	0.0
-7.5°	549.1	360.1	108.0	0.0
-10°	540.1	360.1	108.0	0.0
-12.5°	535.6	346.6	108.0	0.0
-15°	531.1	342.1	108.0	0.0
-17.5°	522.1	337.6	103.5	0.0
-20°	513.1	333.1	103.5	0.0



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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	504.1	324.0	103.5	0.0
-25°	495.1	315.0	99.0	0.0
-27.5°	486.1	306.0	99.0	0.0
-30°	472.6	297.0	94.5	0.0
-32.5°	459.1	288.0	94.5	0.0
-35°	450.1	274.5	90.0	0.0
-37.5°	436.6	261.0	90.0	0.0
-40°	423.1	247.5	85.5	0.0
-42.5°	409.6	234.0	81.0	0.0
-45°	391.6	220.5	81.0	0.0
-47.5°	378.1	207.0	76.5	0.0
-50°	355.6	189.0	72.0	0.0
-52.5°	328.5	171.0	67.5	0.0
-55°	301.5	157.5	63.0	0.0
-57.5°	274.5	139.5	63.0	0.0
-60°	247.5	121.5	58.5	0.0
-62.5°	220.5	112.5	54.0	0.0
-65°	193.5	103.5	49.5	0.0
-67.5°	162.0	90.0	45.0	0.0
-70°	135.0	81.0	40.5	0.0
-72.5°	117.0	72.0	36.0	0.0
-75°	99.0	63.0	31.5	0.0
-77.5°	85.5	54.0	27.0	0.0
-80°	67.5	40.5	18.0	0.0
-82.5°	49.5	31.5	13.5	0.0
-85°	31.5	22.5	9.0	0.0
-87.5°	18.0	9.0	4.5	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)