

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Brand: McGRAW-EDISON

Report Number: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10308.2 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 4396.2 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 8058.4 lumens
Beam Efficiency: 78.2%

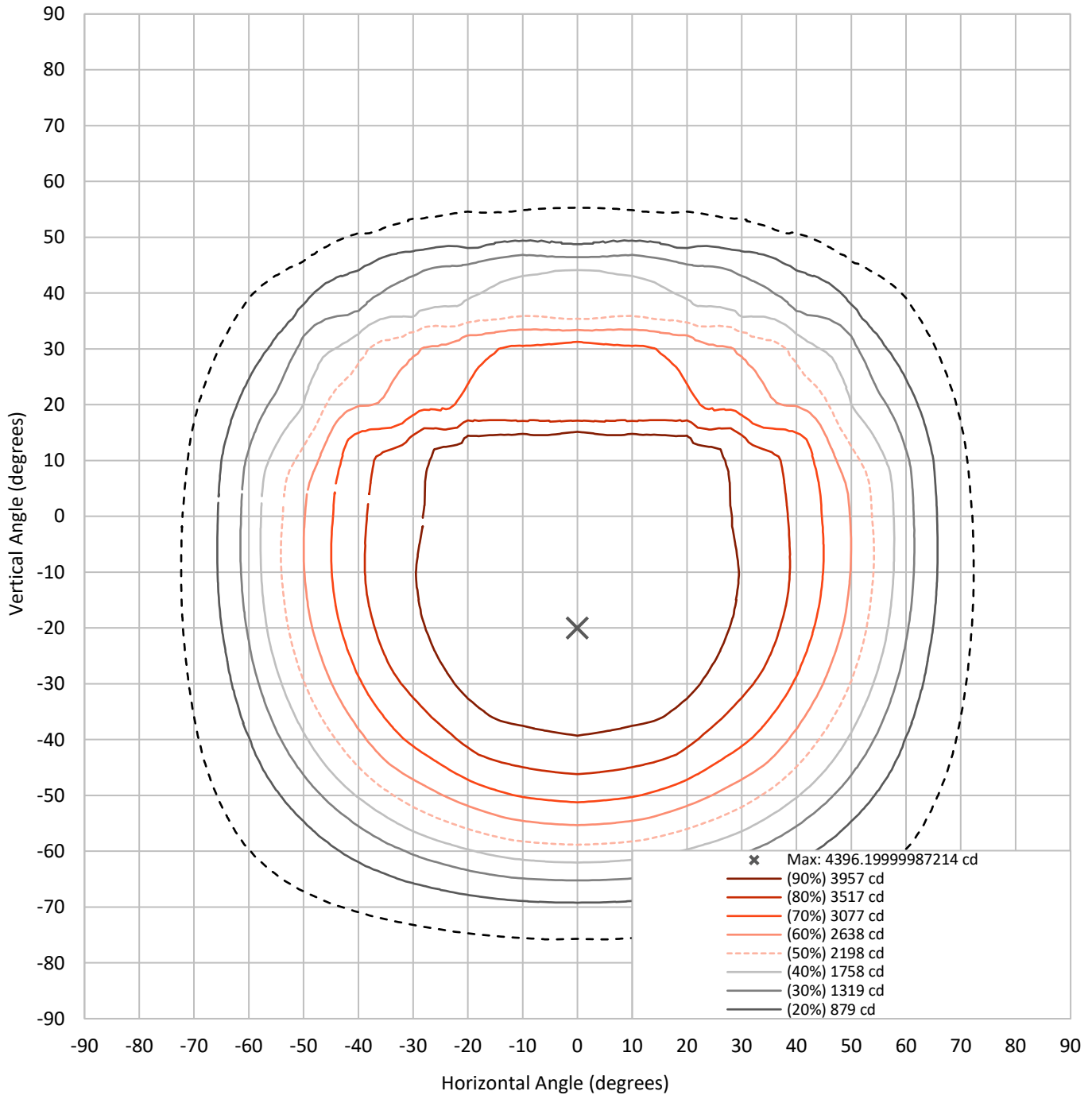
Field Angle (10%): 144°H x 131.2°V
Field Lumens: 10103.5 lumens
Field Efficiency: 98.0%

Input Watts (W): 108.7
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: 25 FT



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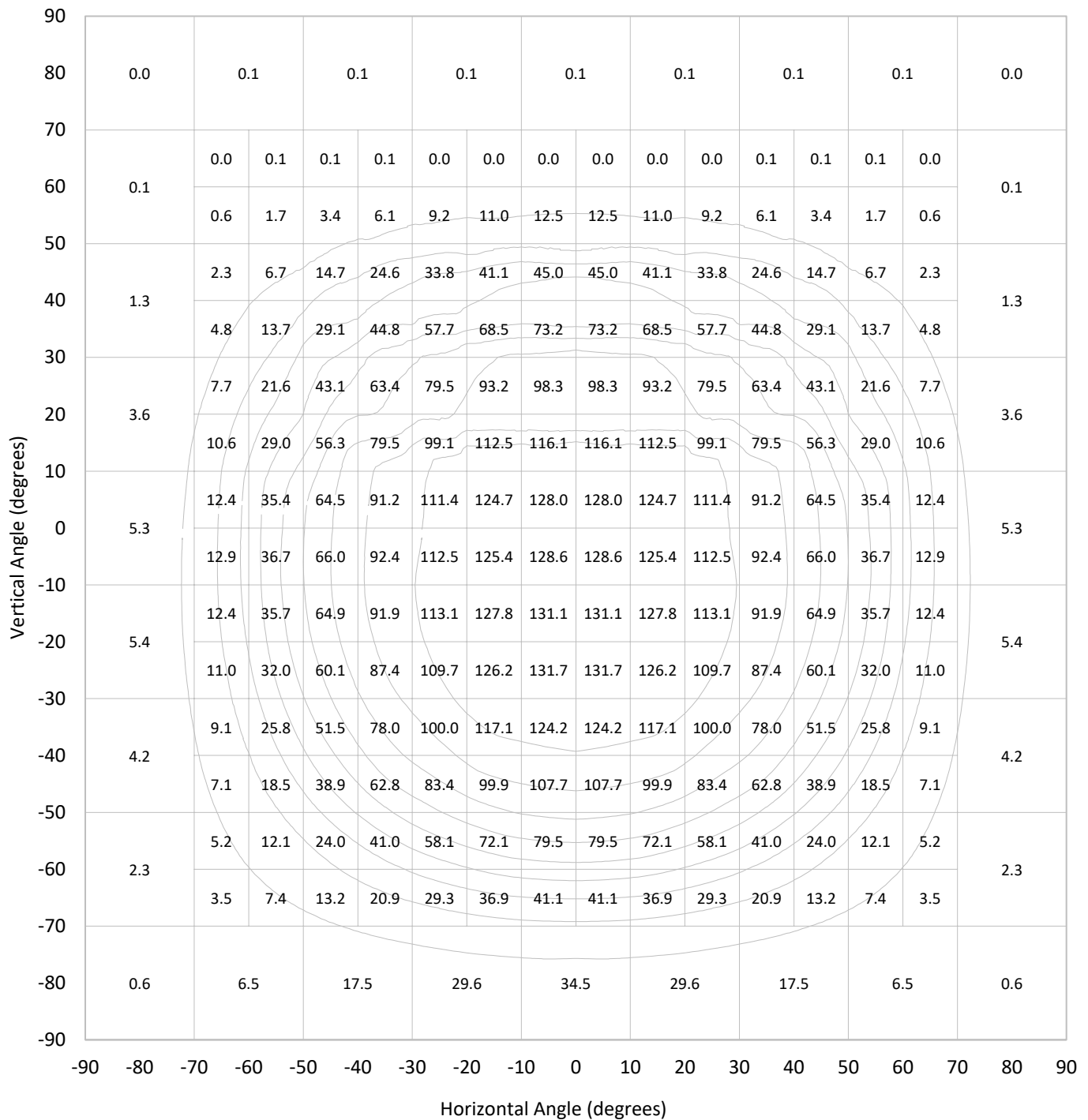
Iso-Candela Plot





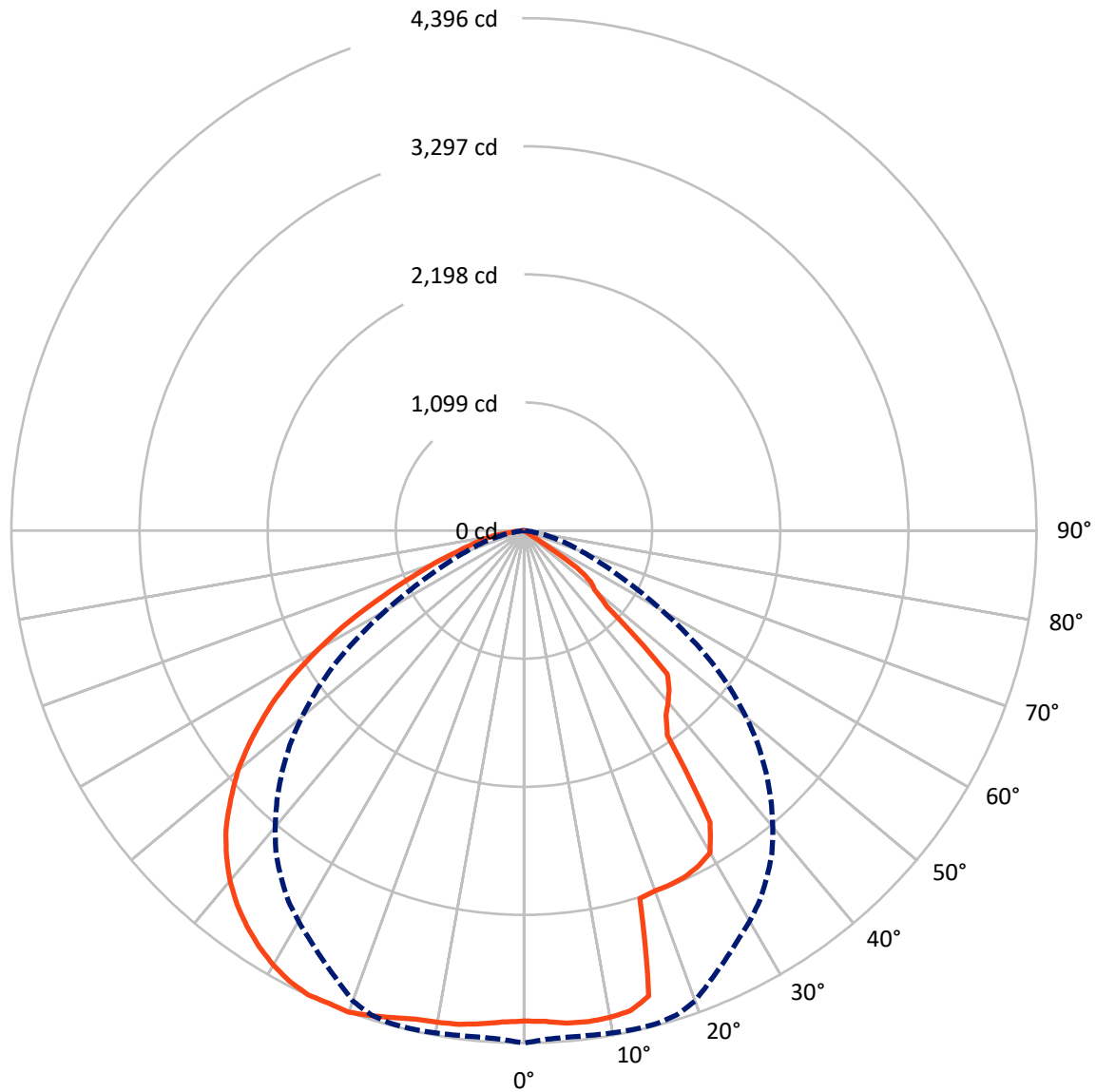
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Lumen Table



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Luminous Intensity Polar Plot

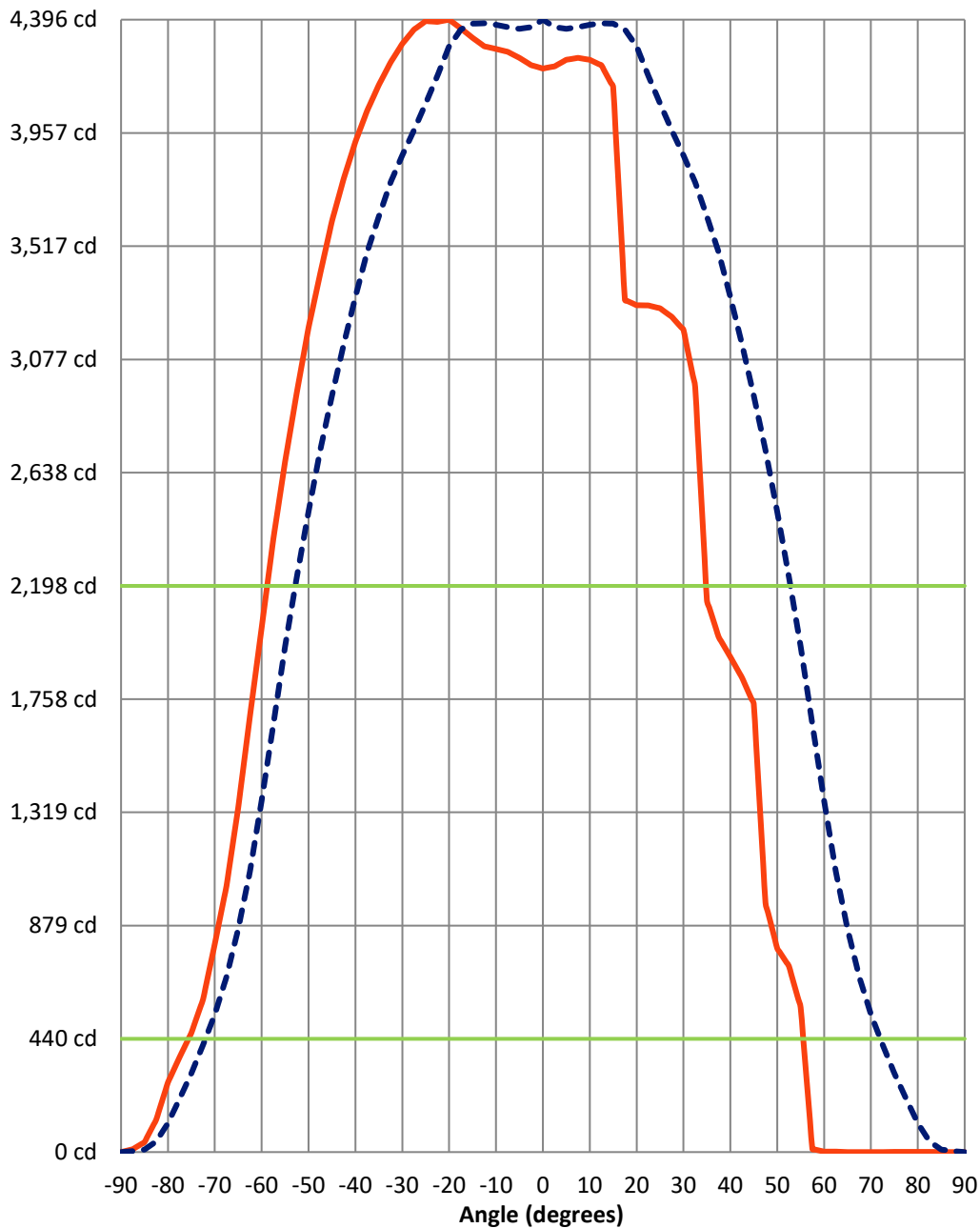


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 8058.4
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 10103.5
 Efficiency: 98.0%

Spill:
 Lumens: 204.7
 Efficiency: 2.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -20-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
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°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	0.9	0.8
82.5°	0.0	0.3	0.5	0.7	1.0	1.2	1.5	1.5	1.4	1.2	0.9
80°	0.0	0.4	0.7	1.0	1.3	1.6	1.9	1.7	1.4	1.2	0.9
77.5°	0.0	0.5	0.8	1.2	1.6	1.9	1.9	1.7	1.4	1.2	1.0
75°	0.0	0.6	1.0	1.5	1.9	2.0	1.9	1.7	1.5	1.2	1.0
72.5°	0.0	0.7	1.2	1.7	2.0	2.0	1.9	1.7	1.5	1.2	1.0
70°	0.0	0.8	1.3	1.9	2.1	2.1	2.0	1.7	1.5	1.3	1.5
67.5°	0.0	0.9	1.5	2.0	2.2	2.2	2.2	1.8	1.6	2.1	2.1
65°	0.0	1.0	1.7	2.1	2.3	2.5	2.5	1.8	2.5	2.9	3.7
62.5°	0.0	1.1	1.8	2.2	2.4	3.1	3.0	2.5	3.5	5.1	8.2
60°	0.0	1.2	2.0	2.3	2.5	3.8	3.5	3.5	4.5	13.0	14.2
57.5°	0.0	1.3	2.1	2.4	3.2	4.5	6.4	5.0	12.7	22.2	25.7
55°	0.0	1.4	2.2	2.5	4.0	5.3	10.2	8.1	23.7	34.2	41.6
52.5°	0.0	1.5	2.3	2.6	4.8	6.8	14.7	20.5	35.5	53.6	60.4
50°	0.0	1.6	2.4	2.7	5.6	11.7	19.8	34.7	50.8	75.2	94.3
47.5°	0.0	1.7	2.5	2.9	6.5	16.8	26.6	49.6	73.2	99.1	129.0
45°	0.0	1.8	2.7	3.6	7.5	22.4	40.2	65.2	98.3	129.1	162.7
42.5°	0.0	1.8	2.8	4.3	8.4	28.3	54.0	84.9	123.8	158.4	201.6
40°	0.0	1.9	2.9	5.3	11.4	34.5	68.2	107.3	150.1	187.1	243.1
37.5°	0.0	2.0	3.0	6.4	16.3	41.1	82.7	129.8	177.6	221.6	286.5
35°	0.0	2.1	3.1	7.6	21.2	51.1	97.4	152.3	205.6	264.0	337.8
32.5°	0.0	2.2	3.2	9.0	26.3	62.7	113.3	174.7	234.0	306.6	400.3
30°	0.0	2.2	3.4	10.5	31.3	74.2	131.5	197.3	262.6	349.4	460.1
27.5°	0.0	2.3	3.5	12.1	37.6	85.5	149.3	220.8	294.0	392.0	517.3
25°	0.0	2.4	3.6	13.8	44.0	96.7	166.7	244.1	329.4	438.6	571.9
22.5°	0.0	2.4	3.7	15.5	50.4	108.1	183.6	267.0	364.2	485.2	627.1
20°	0.0	2.5	3.9	17.3	56.8	120.3	199.9	289.4	398.0	529.1	681.0
17.5°	0.0	2.5	4.0	19.1	63.0	132.1	216.1	311.2	430.8	570.4	733.2
15°	0.0	2.6	4.1	21.0	69.1	143.5	231.6	331.5	462.3	608.8	783.3
12.5°	0.0	2.6	4.2	22.8	75.0	154.3	246.1	349.5	487.4	644.4	831.0
10°	0.0	2.7	4.3	24.6	80.6	164.5	259.6	366.2	506.2	665.8	869.9
7.5°	0.0	2.7	4.4	26.3	85.9	174.1	272.0	381.3	522.1	682.4	892.6
5°	0.0	2.8	4.5	28.0	90.9	182.9	283.2	395.0	535.4	695.7	911.0
2.5°	0.0	2.8	4.6	29.6	95.4	190.9	293.3	407.1	546.2	706.0	925.1
0°	0.0	2.8	4.7	31.0	99.5	198.0	302.2	417.7	554.7	713.3	934.8
-2.5°	0.0	3.0	5.4	33.0	103.3	202.5	306.6	423.8	557.7	722.5	941.1
-5°	0.0	3.1	6.2	34.9	106.5	206.1	309.9	428.4	558.8	728.5	943.1
-7.5°	0.0	3.3	6.9	36.5	109.1	208.7	311.9	431.2	558.0	730.9	941.0
-10°	0.0	3.4	7.5	38.0	111.1	210.3	312.9	432.2	555.6	729.5	935.0
-12.5°	0.0	3.5	8.2	39.2	112.5	211.0	312.7	431.5	551.8	723.6	924.8
-15°	0.0	3.6	8.8	40.1	113.1	210.7	311.5	429.0	547.4	712.1	909.9
-17.5°	0.0	3.7	9.4	40.8	113.0	209.4	309.2	423.8	542.1	697.8	890.5
-20°	0.0	3.8	9.9	41.3	112.2	207.2	305.7	416.4	534.5	680.7	866.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	10.3	41.4	110.6	204.1	300.6	407.5	524.6	661.0	838.2
-25°	0.0	4.0	10.8	41.2	108.3	199.2	294.3	397.2	512.5	638.8	805.4
-27.5°	0.0	4.0	11.1	40.7	105.1	193.0	286.8	385.6	497.9	617.3	776.3
-30°	0.0	4.0	11.4	39.8	101.2	186.1	278.2	372.5	482.0	599.2	745.2
-32.5°	0.0	4.1	11.6	38.7	96.6	178.3	268.3	360.5	465.2	578.2	712.0
-35°	0.0	4.1	11.8	37.2	91.5	169.7	257.7	347.7	447.0	554.4	676.7
-37.5°	0.0	4.0	11.8	35.3	85.8	161.1	246.3	333.7	427.4	527.8	641.8
-40°	0.0	4.0	11.9	33.1	79.7	153.2	234.0	318.3	406.7	502.7	607.4
-42.5°	0.0	3.9	11.8	30.7	75.0	144.9	220.9	301.7	386.6	476.2	570.4
-45°	0.0	3.9	11.6	28.3	71.9	136.0	206.9	284.5	366.1	447.9	532.0
-47.5°	0.0	3.8	11.4	25.6	68.1	126.5	192.2	267.2	344.1	418.2	498.8
-50°	0.0	3.6	11.1	24.7	63.8	116.6	179.8	249.2	319.8	391.0	464.1
-52.5°	0.0	3.5	10.8	24.2	58.9	106.2	167.5	230.3	296.5	363.0	428.4
-55°	0.0	3.4	10.4	23.4	53.5	98.3	154.7	211.1	273.2	334.2	396.8
-57.5°	0.0	3.2	9.9	22.4	47.6	90.3	141.4	196.0	249.0	306.5	364.4
-60°	0.0	3.0	9.3	21.1	41.4	81.6	127.9	179.2	224.8	278.6	332.1
-62.5°	0.0	2.8	8.7	19.6	38.5	72.2	115.5	160.9	202.5	249.9	300.4
-65°	0.0	2.6	8.1	17.9	35.1	62.1	102.3	142.0	178.8	221.2	268.0
-67.5°	0.0	2.4	7.4	16.0	31.4	53.7	88.2	123.2	153.9	191.2	233.0
-70°	0.0	2.2	6.7	13.8	27.3	47.0	73.4	103.9	131.6	159.8	195.8
-72.5°	0.0	1.9	6.0	12.2	22.9	39.7	62.1	84.2	108.8	133.8	159.0
-75°	0.0	1.7	5.2	10.6	18.2	32.1	50.7	67.9	85.6	107.4	129.4
-77.5°	0.0	1.4	4.4	8.9	15.0	24.1	38.8	52.4	66.6	81.9	99.4
-80°	0.0	1.1	3.5	7.2	12.1	18.3	26.5	36.7	47.7	59.5	72.3
-82.5°	0.0	0.9	2.7	5.4	9.2	13.9	19.4	23.6	28.5	36.8	45.9
-85°	0.0	0.6	1.8	3.7	6.2	9.3	13.0	15.8	18.6	21.5	24.5
-87.5°	0.0	0.3	0.9	1.8	3.1	4.7	6.5	7.9	9.3	10.8	12.3
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	1.1	1.2	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	1.5	1.5	1.3	1.1	0.9	1.0	1.0	1.0	0.9	0.9	0.9
67.5°	1.8	1.6	1.4	1.3	1.3	1.4	1.4	1.1	0.9	0.9	0.9
65°	1.9	1.6	2.3	2.6	2.0	1.7	1.4	1.2	1.3	1.3	1.3
62.5°	2.8	3.5	4.5	7.9	6.0	1.7	3.1	3.7	2.7	2.2	2.4
60°	9.2	6.2	18.5	26.5	16.6	6.1	7.4	24.5	21.3	4.0	13.3
57.5°	19.3	26.4	48.7	49.6	34.3	23.7	68.9	79.5	60.2	35.2	53.7
55°	42.4	65.2	80.8	74.8	81.7	123.7	146.9	132.0	111.2	171.0	218.4
52.5°	82.9	106.2	111.4	127.9	183.1	210.4	201.6	215.6	279.6	347.2	361.9
50°	122.4	141.4	156.2	225.9	269.0	271.8	291.8	355.2	440.6	482.0	471.9
47.5°	160.5	180.2	249.2	316.2	335.6	362.1	412.2	534.6	625.0	626.8	616.5
45°	200.9	253.5	341.6	385.2	416.7	468.1	589.1	757.9	766.6	791.1	942.0
42.5°	244.0	336.2	413.0	458.4	509.3	605.2	766.7	877.4	915.5	1022.9	1144.2
40°	314.0	416.1	483.2	541.3	606.6	746.5	923.5	1027.2	1058.2	1151.1	1242.3
37.5°	384.9	482.8	558.0	628.1	718.6	907.5	1112.2	1197.8	1213.5	1230.5	1432.5
35°	453.2	551.3	641.3	732.9	844.0	1115.9	1294.8	1375.3	1372.8	1487.5	1699.1
32.5°	517.1	621.2	727.5	850.0	1033.3	1311.9	1490.9	1539.0	1612.1	1779.0	2067.8
30°	580.8	699.2	821.3	967.2	1199.5	1440.9	1645.2	1722.7	1847.9	2038.4	2248.6
27.5°	646.5	779.2	926.8	1097.8	1330.6	1552.5	1727.0	1912.2	2033.8	2204.6	2354.1
25°	711.9	863.9	1031.0	1212.0	1424.3	1631.1	1811.6	2025.5	2156.1	2293.7	2433.2
22.5°	780.5	949.8	1138.5	1302.5	1503.3	1698.0	1912.9	2144.8	2314.7	2402.1	2495.7
20°	852.3	1042.7	1243.9	1425.6	1581.3	1760.0	2014.5	2296.4	2515.6	2614.0	2626.8
17.5°	922.9	1132.7	1349.1	1545.8	1713.7	1872.8	2121.2	2477.9	2750.5	2841.9	2882.6
15°	991.9	1219.2	1453.7	1662.8	1847.0	2041.6	2306.9	2669.6	2981.2	3082.4	3146.5
12.5°	1058.4	1301.8	1556.5	1775.8	1980.5	2198.7	2475.5	2807.5	3092.0	3287.8	3405.3
10°	1121.8	1379.7	1656.4	1884.3	2112.4	2344.5	2615.0	2910.3	3141.8	3330.7	3497.5
7.5°	1153.8	1430.7	1742.2	1987.6	2241.0	2479.2	2729.2	2982.7	3177.7	3363.0	3524.3
5°	1175.5	1451.7	1769.0	2023.6	2309.4	2569.0	2811.8	3030.3	3201.2	3384.8	3542.3
2.5°	1191.0	1465.2	1787.1	2043.3	2335.0	2596.6	2835.6	3046.2	3220.5	3400.4	3561.7
0°	1200.4	1471.7	1796.4	2055.4	2351.1	2614.8	2849.5	3052.2	3233.3	3407.9	3581.5
-2.5°	1205.7	1491.4	1802.5	2086.6	2366.6	2630.5	2868.8	3066.7	3256.0	3422.1	3596.2
-5°	1205.0	1503.1	1800.9	2107.5	2374.0	2636.6	2878.4	3073.2	3268.3	3432.7	3602.1
-7.5°	1198.5	1505.8	1792.8	2114.1	2374.3	2634.5	2874.2	3076.4	3268.1	3442.5	3602.7
-10°	1186.8	1495.2	1785.3	2097.1	2365.2	2623.8	2861.2	3069.5	3260.4	3440.5	3599.6
-12.5°	1173.1	1473.2	1769.6	2072.7	2346.7	2603.9	2841.5	3051.9	3246.2	3425.7	3592.4
-15°	1152.4	1444.0	1743.9	2041.7	2318.6	2574.9	2816.0	3023.2	3224.2	3400.0	3571.1
-17.5°	1124.7	1407.9	1707.8	2004.8	2280.6	2537.0	2783.2	2985.3	3185.3	3367.0	3532.1
-20°	1089.7	1365.0	1660.8	1963.0	2232.4	2486.1	2724.6	2936.3	3135.0	3319.9	3493.3

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1047.5	1315.7	1604.2	1906.6	2172.3	2423.1	2658.8	2873.9	3079.8	3258.5	3443.4
-25°	1005.1	1263.6	1541.6	1828.4	2102.5	2352.2	2588.6	2798.2	3008.6	3194.5	3370.1
-27.5°	964.6	1203.2	1469.0	1742.3	2023.4	2271.9	2506.1	2715.9	2920.1	3123.5	3292.5
-30°	919.1	1133.3	1389.4	1650.5	1924.4	2177.5	2413.5	2631.1	2825.5	3026.3	3207.8
-32.5°	868.9	1059.2	1305.3	1556.5	1814.8	2073.4	2307.3	2523.4	2725.6	2915.6	3106.1
-35°	819.8	999.4	1216.2	1455.6	1698.7	1952.4	2186.4	2400.5	2610.3	2798.5	2980.5
-37.5°	775.6	934.5	1121.6	1350.2	1582.5	1822.5	2060.4	2267.7	2467.4	2674.3	2851.8
-40°	727.8	864.9	1039.6	1241.7	1460.6	1688.8	1916.6	2131.0	2318.8	2523.2	2718.5
-42.5°	677.8	808.2	958.7	1126.8	1333.4	1548.6	1768.5	1978.3	2173.2	2366.0	2559.6
-45°	633.9	748.2	876.3	1029.9	1198.2	1400.6	1608.8	1817.9	2004.9	2188.7	2379.8
-47.5°	587.3	687.9	806.4	929.0	1075.3	1244.5	1440.3	1633.2	1824.6	1999.5	2168.6
-50°	540.9	633.6	730.9	841.4	962.1	1099.2	1261.8	1441.1	1616.0	1795.6	1963.0
-52.5°	500.9	576.5	664.4	756.6	859.9	973.4	1103.7	1250.9	1410.0	1562.4	1729.5
-55°	459.3	527.5	598.5	679.6	765.6	861.4	968.2	1092.0	1213.4	1354.3	1490.7
-57.5°	421.5	478.9	539.5	606.5	681.2	757.9	851.2	947.5	1057.6	1167.2	1275.2
-60°	385.8	432.7	484.1	540.8	600.9	669.1	738.8	821.5	910.2	997.6	1089.2
-62.5°	349.8	389.3	431.2	478.3	530.6	582.2	641.7	705.4	770.7	844.8	917.0
-65°	312.8	344.7	380.2	419.3	461.0	505.0	550.7	597.8	653.4	707.7	760.2
-67.5°	273.5	300.8	329.5	360.3	395.3	429.8	464.2	504.1	545.0	585.1	626.8
-70°	229.9	255.7	279.6	304.6	330.6	357.6	387.0	416.3	445.1	475.2	508.6
-72.5°	185.6	209.3	230.4	248.8	270.2	292.6	314.1	334.7	356.4	379.3	401.9
-75°	148.1	163.7	182.5	199.7	216.7	232.5	246.7	264.1	282.2	298.9	312.5
-77.5°	115.5	129.8	142.7	154.2	167.7	183.6	197.4	209.2	220.7	233.3	246.6
-80°	84.0	95.9	107.6	118.2	126.1	135.0	145.6	157.7	168.2	176.8	184.5
-82.5°	54.3	62.8	71.5	80.4	84.0	86.5	88.8	93.1	99.5	105.9	112.0
-85°	27.0	29.5	34.8	40.3	42.2	43.5	44.4	45.0	47.1	49.2	50.9
-87.5°	13.5	14.8	16.0	17.2	16.6	15.7	14.6	13.3	13.0	12.6	12.1
-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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	0.7	0.8	0.8	0.8	0.8	0.6	0.4	0.2	0.0	0.0	0.0
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.4
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6
65°	1.3	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.8	0.5
62.5°	2.4	2.7	2.1	2.1	2.0	2.0	1.9	1.8	1.7	1.6	1.7
60°	14.7	8.7	5.1	5.9	5.3	3.5	4.5	5.3	5.4	4.9	4.3
57.5°	81.6	60.9	45.1	107.7	108.0	51.5	62.1	97.6	80.4	26.4	24.5
55°	226.9	271.4	357.3	339.4	344.9	396.7	433.1	383.4	375.9	400.5	462.7
52.5°	407.8	450.2	479.0	506.0	538.9	574.2	610.6	633.8	655.4	678.4	692.1
50°	520.7	580.4	621.5	606.4	691.5	726.2	690.9	722.5	761.0	771.5	776.5
47.5°	768.8	856.5	873.9	930.4	981.1	980.0	936.9	939.4	1054.1	1155.2	1204.9
45°	1104.9	1107.9	1163.0	1262.7	1334.0	1311.6	1371.7	1508.4	1554.0	1598.0	1634.1
42.5°	1235.9	1290.1	1378.1	1466.2	1519.4	1565.4	1609.9	1660.2	1719.3	1767.3	1805.6
40°	1362.6	1406.3	1496.4	1567.4	1611.4	1654.4	1706.3	1762.0	1816.1	1858.2	1887.0
37.5°	1557.7	1591.6	1613.5	1679.5	1762.7	1724.3	1822.7	1893.3	1925.6	1968.4	1972.2
35°	1852.9	1830.4	1801.2	2063.6	2079.3	1990.7	2082.7	2192.2	2134.5	2254.6	2319.2
32.5°	2114.6	2111.3	2340.3	2478.3	2398.9	2463.7	2676.0	2666.5	2808.0	2873.7	2855.0
30°	2361.2	2445.3	2577.8	2680.5	2694.3	2796.4	2890.7	2973.3	3058.7	3135.3	3140.6
27.5°	2486.4	2596.1	2686.1	2745.5	2811.9	2897.8	2983.4	3076.4	3149.0	3197.0	3208.8
25°	2562.0	2674.2	2742.3	2806.3	2879.6	2953.7	3049.5	3150.8	3209.1	3238.8	3248.2
22.5°	2628.8	2729.6	2802.8	2854.8	2933.5	3013.3	3102.6	3188.4	3251.8	3264.7	3269.5
20°	2693.1	2789.9	2912.2	2988.6	2984.8	3074.6	3160.7	3228.9	3281.8	3281.5	3282.7
17.5°	2879.0	2913.5	3135.4	3303.8	3220.4	3176.4	3413.1	3417.5	3431.6	3403.7	3343.2
15°	3154.2	3217.1	3489.7	3672.2	3614.7	3611.7	3953.5	3868.8	3941.7	3922.6	4004.7
12.5°	3445.7	3520.2	3723.9	3903.1	3988.6	4009.6	4123.8	4230.8	4252.7	4244.0	4227.9
10°	3644.3	3750.4	3832.2	3941.0	4027.2	4115.1	4181.3	4258.1	4283.3	4268.7	4248.2
7.5°	3670.2	3775.1	3871.1	3966.6	4048.7	4119.5	4188.1	4250.6	4276.2	4267.8	4253.7
5°	3686.6	3781.6	3874.7	3971.6	4050.1	4115.7	4184.1	4247.5	4262.6	4252.4	4238.6
2.5°	3696.7	3784.7	3874.4	3970.9	4042.1	4104.7	4173.9	4241.5	4241.4	4236.9	4228.8
0°	3701.7	3789.9	3894.1	3981.4	4061.1	4120.3	4188.8	4254.5	4249.8	4237.6	4223.5
-2.5°	3712.2	3801.6	3907.9	3980.2	4070.2	4124.3	4195.2	4252.1	4249.8	4243.9	4236.9
-5°	3721.6	3822.2	3921.6	3997.7	4087.9	4158.7	4229.0	4273.5	4275.9	4267.6	4255.8
-7.5°	3727.4	3838.8	3933.7	4010.1	4097.6	4179.9	4251.3	4298.0	4299.0	4287.9	4273.9
-10°	3725.5	3843.1	3940.8	4019.7	4109.3	4190.6	4265.2	4324.5	4322.5	4312.0	4300.0
-12.5°	3718.4	3835.9	3936.3	4015.4	4117.1	4200.8	4284.8	4343.7	4346.8	4338.8	4325.9
-15°	3703.0	3824.3	3921.8	4008.3	4108.0	4205.8	4292.2	4357.1	4368.7	4362.2	4352.0
-17.5°	3672.4	3800.4	3903.9	3997.1	4092.7	4197.0	4295.2	4366.2	4382.1	4379.5	4371.0
-20°	3632.2	3764.3	3869.4	3967.0	4071.1	4178.6	4292.8	4357.7	4380.7	4382.2	4376.4



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3587.2	3716.5	3827.9	3924.0	4036.8	4145.6	4249.0	4325.0	4363.6	4370.8	4371.3
-25°	3533.1	3666.0	3776.7	3879.0	3983.9	4096.3	4200.8	4285.7	4324.8	4343.5	4349.3
-27.5°	3456.7	3594.1	3703.1	3811.1	3917.9	4033.9	4143.7	4236.1	4267.9	4293.7	4304.0
-30°	3367.2	3503.1	3614.2	3713.0	3835.2	3953.5	4066.8	4147.3	4195.4	4224.8	4240.9
-32.5°	3264.4	3401.5	3518.1	3621.3	3737.4	3855.7	3962.3	4047.2	4113.5	4147.4	4164.6
-35°	3152.8	3292.8	3414.8	3523.5	3632.9	3745.7	3856.1	3945.0	4020.5	4049.6	4071.1
-37.5°	3018.2	3172.7	3297.9	3409.9	3513.8	3619.8	3734.9	3836.5	3909.7	3938.0	3960.7
-40°	2880.2	3029.5	3155.8	3275.3	3378.0	3493.7	3604.6	3711.0	3774.6	3807.6	3833.3
-42.5°	2734.6	2869.4	2989.5	3105.6	3220.0	3339.1	3449.8	3560.5	3615.5	3655.3	3686.8
-45°	2566.5	2691.9	2808.6	2917.3	3035.1	3152.3	3263.1	3360.8	3426.3	3478.0	3518.3
-47.5°	2342.3	2495.1	2612.2	2715.6	2832.5	2945.5	3052.9	3144.8	3216.6	3277.1	3323.9
-50°	2114.6	2261.3	2393.4	2509.5	2617.9	2722.5	2824.7	2914.6	2990.6	3056.2	3103.6
-52.5°	1890.3	2027.8	2158.9	2278.8	2383.0	2481.7	2575.2	2665.7	2745.8	2815.9	2861.8
-55°	1637.0	1779.4	1909.0	2020.8	2125.0	2222.5	2314.8	2400.6	2479.5	2550.9	2594.9
-57.5°	1399.3	1524.2	1644.9	1748.0	1846.4	1939.3	2026.8	2108.9	2184.8	2252.0	2294.4
-60°	1180.8	1271.9	1375.7	1471.0	1558.1	1637.2	1718.9	1795.5	1865.2	1924.3	1963.8
-62.5°	987.8	1063.2	1138.2	1210.6	1281.3	1352.3	1420.7	1484.2	1542.4	1590.9	1625.5
-65°	815.7	876.3	930.5	981.9	1030.8	1086.8	1138.8	1187.8	1233.0	1270.2	1296.5
-67.5°	671.6	714.2	751.7	787.0	825.6	865.2	902.3	934.6	962.3	984.3	1001.7
-70°	541.6	572.9	601.2	629.3	657.5	683.2	707.8	731.6	754.2	772.6	786.4
-72.5°	424.2	445.6	464.8	486.5	506.8	526.3	543.3	557.0	567.6	578.0	587.1
-75°	323.4	339.5	361.2	379.5	394.7	408.1	420.3	431.3	440.9	449.4	456.9
-77.5°	260.1	273.7	287.6	301.0	313.9	323.5	332.4	341.4	350.1	357.7	364.4
-80°	192.8	203.0	213.6	224.3	235.0	240.4	244.6	248.5	252.0	256.5	260.7
-82.5°	117.8	123.6	129.6	135.6	141.6	143.1	143.6	143.4	142.7	141.0	138.5
-85°	52.4	52.8	52.6	52.0	51.0	48.9	46.4	43.4	40.1	39.6	39.0
-87.5°	11.6	11.3	11.0	10.6	10.2	10.2	10.1	10.1	10.0	10.3	10.6
-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):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.8	0.9	0.9
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.1
62.5°	1.7	1.8	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.7	1.8
60°	3.4	2.2	1.9	1.9	1.9	2.2	3.4	4.3	4.9	5.4	5.3
57.5°	20.7	15.5	13.2	12.2	13.2	15.5	20.7	24.5	26.4	80.4	97.6
55°	507.2	533.0	552.3	561.3	552.3	533.0	507.2	462.7	400.5	375.9	383.4
52.5°	704.2	715.5	722.0	721.8	722.0	715.5	704.2	692.1	678.4	655.4	633.8
50°	785.0	790.5	792.4	791.2	792.4	790.5	785.0	776.5	771.5	761.0	722.5
47.5°	1159.5	1059.2	985.4	967.7	985.4	1059.2	1159.5	1204.9	1155.2	1054.1	939.4
45°	1651.4	1689.4	1727.3	1739.1	1727.3	1689.4	1651.4	1634.1	1598.0	1554.0	1508.4
42.5°	1821.7	1834.2	1841.2	1841.4	1841.2	1834.2	1821.7	1805.6	1767.3	1719.3	1660.2
40°	1903.0	1914.7	1921.5	1922.2	1921.5	1914.7	1903.0	1887.0	1858.2	1816.1	1762.0
37.5°	1976.9	1986.8	1993.4	2000.1	1993.4	1986.8	1976.9	1972.2	1968.4	1925.6	1893.3
35°	2310.5	2234.9	2126.2	2142.7	2126.2	2234.9	2310.5	2319.2	2254.6	2134.5	2192.2
32.5°	2884.2	2916.0	2935.8	2969.6	2935.8	2916.0	2884.2	2855.0	2873.7	2808.0	2666.5
30°	3148.9	3159.4	3175.3	3192.0	3175.3	3159.4	3148.9	3140.6	3135.3	3058.7	2973.3
27.5°	3215.0	3225.8	3235.5	3242.7	3235.5	3225.8	3215.0	3208.8	3197.0	3149.0	3076.4
25°	3249.5	3256.3	3266.6	3275.6	3266.6	3256.3	3249.5	3248.2	3238.8	3209.1	3150.8
22.5°	3266.7	3267.4	3275.4	3286.8	3275.4	3267.4	3266.7	3269.5	3264.7	3251.8	3188.4
20°	3278.5	3272.1	3280.4	3287.8	3280.4	3272.1	3278.5	3282.7	3281.5	3281.8	3228.9
17.5°	3428.6	3342.9	3307.8	3308.4	3307.8	3342.9	3428.6	3343.2	3403.7	3431.6	3417.5
15°	3912.6	3944.7	4067.8	4134.3	4067.8	3944.7	3912.6	4004.7	3922.6	3941.7	3868.8
12.5°	4225.0	4213.5	4198.9	4218.8	4198.9	4213.5	4225.0	4227.9	4244.0	4252.7	4230.8
10°	4239.4	4238.1	4212.0	4240.4	4212.0	4238.1	4239.4	4248.2	4268.7	4283.3	4258.1
7.5°	4230.6	4231.3	4220.3	4247.9	4220.3	4231.3	4230.6	4253.7	4267.8	4276.2	4250.6
5°	4236.4	4217.3	4224.5	4240.4	4224.5	4217.3	4236.4	4238.6	4252.4	4262.6	4247.5
2.5°	4220.0	4218.0	4203.9	4215.1	4203.9	4218.0	4220.0	4228.8	4236.9	4241.4	4241.5
0°	4207.6	4197.2	4197.2	4206.6	4197.2	4197.2	4207.6	4223.5	4237.6	4249.8	4254.5
-2.5°	4229.8	4227.6	4226.2	4219.8	4226.2	4227.6	4229.8	4236.9	4243.9	4249.8	4252.1
-5°	4248.0	4242.4	4227.1	4247.9	4227.1	4242.4	4248.0	4255.8	4267.6	4275.9	4273.5
-7.5°	4267.6	4253.4	4238.8	4271.4	4238.8	4253.4	4267.6	4273.9	4287.9	4299.0	4298.0
-10°	4285.6	4265.0	4250.7	4282.6	4250.7	4265.0	4285.6	4300.0	4312.0	4322.5	4324.5
-12.5°	4309.2	4285.2	4275.7	4293.0	4275.7	4285.2	4309.2	4325.9	4338.8	4346.8	4343.7
-15°	4334.5	4317.8	4315.6	4325.8	4315.6	4317.8	4334.5	4352.0	4362.2	4368.7	4357.1
-17.5°	4356.7	4345.0	4350.8	4362.4	4350.8	4345.0	4356.7	4371.0	4379.5	4382.1	4366.2
-20°	4367.3	4360.8	4367.3	4396.2	4367.3	4360.8	4367.3	4376.4	4382.2	4380.7	4357.7



REPORT NUMBER: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4366.4	4366.8	4378.3	4387.8	4378.3	4366.8	4366.4	4371.3	4370.8	4363.6	4325.0
-25°	4349.8	4358.5	4371.7	4390.6	4371.7	4358.5	4349.8	4349.3	4343.5	4324.8	4285.7
-27.5°	4309.6	4324.1	4337.9	4357.7	4337.9	4324.1	4309.6	4304.0	4293.7	4267.9	4236.1
-30°	4251.5	4268.8	4281.1	4302.3	4281.1	4268.8	4251.5	4240.9	4224.8	4195.4	4147.3
-32.5°	4180.8	4200.4	4214.9	4230.1	4214.9	4200.4	4180.8	4164.6	4147.4	4113.5	4047.2
-35°	4092.4	4113.5	4129.0	4142.8	4129.0	4113.5	4092.4	4071.1	4049.6	4020.5	3945.0
-37.5°	3986.2	4009.0	4026.5	4042.4	4026.5	4009.0	3986.2	3960.7	3938.0	3909.7	3836.5
-40°	3862.5	3885.9	3904.6	3922.2	3904.6	3885.9	3862.5	3833.3	3807.6	3774.6	3711.0
-42.5°	3717.8	3741.5	3760.8	3778.6	3760.8	3741.5	3717.8	3686.8	3655.3	3615.5	3560.5
-45°	3550.8	3575.0	3595.5	3614.4	3595.5	3575.0	3550.8	3518.3	3478.0	3426.3	3360.8
-47.5°	3358.4	3384.4	3401.9	3410.7	3401.9	3384.4	3358.4	3323.9	3277.1	3216.6	3144.8
-50°	3137.9	3163.9	3184.9	3200.5	3184.9	3163.9	3137.9	3103.6	3056.2	2990.6	2914.6
-52.5°	2895.2	2919.9	2938.0	2948.9	2938.0	2919.9	2895.2	2861.8	2815.9	2745.8	2665.7
-55°	2629.4	2655.3	2672.5	2680.5	2672.5	2655.3	2629.4	2594.9	2550.9	2479.5	2400.6
-57.5°	2327.9	2352.5	2370.8	2381.1	2370.8	2352.5	2327.9	2294.4	2252.0	2184.8	2108.9
-60°	1994.5	2016.5	2030.3	2035.7	2030.3	2016.5	1994.5	1963.8	1924.3	1865.2	1795.5
-62.5°	1653.3	1674.2	1687.1	1692.2	1687.1	1674.2	1653.3	1625.5	1590.9	1542.4	1484.2
-65°	1316.1	1329.2	1336.4	1337.4	1336.4	1329.2	1316.1	1296.5	1270.2	1233.0	1187.8
-67.5°	1015.4	1025.3	1031.4	1033.4	1031.4	1025.3	1015.4	1001.7	984.3	962.3	934.6
-70°	796.7	803.6	807.4	808.1	807.4	803.6	796.7	786.4	772.6	754.2	731.6
-72.5°	594.0	599.0	597.2	593.2	597.2	599.0	594.0	587.1	578.0	567.6	557.0
-75°	463.4	468.8	466.6	462.7	466.6	468.8	463.4	456.9	449.4	440.9	431.3
-77.5°	370.2	375.1	372.7	368.9	372.7	375.1	370.2	364.4	357.7	350.1	341.4
-80°	264.4	267.3	269.3	270.3	269.3	267.3	264.4	260.7	256.5	252.0	248.5
-82.5°	135.3	131.3	128.8	125.8	128.8	131.3	135.3	138.5	141.0	142.7	143.4
-85°	38.2	37.3	37.9	38.5	37.9	37.3	38.2	39.0	39.6	40.1	43.4
-87.5°	11.0	11.3	11.3	11.3	11.3	11.3	11.0	10.6	10.3	10.0	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
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°	0.4	0.6	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.1
65°	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
62.5°	1.9	2.0	2.0	2.1	2.1	2.7	2.4	2.4	2.2	2.7	3.7
60°	4.5	3.5	5.3	5.9	5.1	8.7	14.7	13.3	4.0	21.3	24.5
57.5°	62.1	51.5	108.0	107.7	45.1	60.9	81.6	53.7	35.2	60.2	79.5
55°	433.1	396.7	344.9	339.4	357.3	271.4	226.9	218.4	171.0	111.2	132.0
52.5°	610.6	574.2	538.9	506.0	479.0	450.2	407.8	361.9	347.2	279.6	215.6
50°	690.9	726.2	691.5	606.4	621.5	580.4	520.7	471.9	482.0	440.6	355.2
47.5°	936.9	980.0	981.1	930.4	873.9	856.5	768.8	616.5	626.8	625.0	534.6
45°	1371.7	1311.6	1334.0	1262.7	1163.0	1107.9	1104.9	942.0	791.1	766.6	757.9
42.5°	1609.9	1565.4	1519.4	1466.2	1378.1	1290.1	1235.9	1144.2	1022.9	915.5	877.4
40°	1706.3	1654.4	1611.4	1567.4	1496.4	1406.3	1362.6	1242.3	1151.1	1058.2	1027.2
37.5°	1822.7	1724.3	1762.7	1679.5	1613.5	1591.6	1557.7	1432.5	1230.5	1213.5	1197.8
35°	2082.7	1990.7	2079.3	2063.6	1801.2	1830.4	1852.9	1699.1	1487.5	1372.8	1375.3
32.5°	2676.0	2463.7	2398.9	2478.3	2340.3	2111.3	2114.6	2067.8	1779.0	1612.1	1539.0
30°	2890.7	2796.4	2694.3	2680.5	2577.8	2445.3	2361.2	2248.6	2038.4	1847.9	1722.7
27.5°	2983.4	2897.8	2811.9	2745.5	2686.1	2596.1	2486.4	2354.1	2204.6	2033.8	1912.2
25°	3049.5	2953.7	2879.6	2806.3	2742.3	2674.2	2562.0	2433.2	2293.7	2156.1	2025.5
22.5°	3102.6	3013.3	2933.5	2854.8	2802.8	2729.6	2628.8	2495.7	2402.1	2314.7	2144.8
20°	3160.7	3074.6	2984.8	2988.6	2912.2	2789.9	2693.1	2626.8	2614.0	2515.6	2296.4
17.5°	3413.1	3176.4	3220.4	3303.8	3135.4	2913.5	2879.0	2882.6	2841.9	2750.5	2477.9
15°	3953.5	3611.7	3614.7	3672.2	3489.7	3217.1	3154.2	3146.5	3082.4	2981.2	2669.6
12.5°	4123.8	4009.6	3988.6	3903.1	3723.9	3520.2	3445.7	3405.3	3287.8	3092.0	2807.5
10°	4181.3	4115.1	4027.2	3941.0	3832.2	3750.4	3644.3	3497.5	3330.7	3141.8	2910.3
7.5°	4188.1	4119.5	4048.7	3966.6	3871.1	3775.1	3670.2	3524.3	3363.0	3177.7	2982.7
5°	4184.1	4115.7	4050.1	3971.6	3874.7	3781.6	3686.6	3542.3	3384.8	3201.2	3030.3
2.5°	4173.9	4104.7	4042.1	3970.9	3874.4	3784.7	3696.7	3561.7	3400.4	3220.5	3046.2
0°	4188.8	4120.3	4061.1	3981.4	3894.1	3789.9	3701.7	3581.5	3407.9	3233.3	3052.2
-2.5°	4195.2	4124.3	4070.2	3980.2	3907.9	3801.6	3712.2	3596.2	3422.1	3256.0	3066.7
-5°	4229.0	4158.7	4087.9	3997.7	3921.6	3822.2	3721.6	3602.1	3432.7	3268.3	3073.2
-7.5°	4251.3	4179.9	4097.6	4010.1	3933.7	3838.8	3727.4	3602.7	3442.5	3268.1	3076.4
-10°	4265.2	4190.6	4109.3	4019.7	3940.8	3843.1	3725.5	3599.6	3440.5	3260.4	3069.5
-12.5°	4284.8	4200.8	4117.1	4015.4	3936.3	3835.9	3718.4	3592.4	3425.7	3246.2	3051.9
-15°	4292.2	4205.8	4108.0	4008.3	3921.8	3824.3	3703.0	3571.1	3400.0	3224.2	3023.2
-17.5°	4295.2	4197.0	4092.7	3997.1	3903.9	3800.4	3672.4	3532.1	3367.0	3185.3	2985.3
-20°	4292.8	4178.6	4071.1	3967.0	3869.4	3764.3	3632.2	3493.3	3319.9	3135.0	2936.3



REPORT NUMBER: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4249.0	4145.6	4036.8	3924.0	3827.9	3716.5	3587.2	3443.4	3258.5	3079.8	2873.9
-25°	4200.8	4096.3	3983.9	3879.0	3776.7	3666.0	3533.1	3370.1	3194.5	3008.6	2798.2
-27.5°	4143.7	4033.9	3917.9	3811.1	3703.1	3594.1	3456.7	3292.5	3123.5	2920.1	2715.9
-30°	4066.8	3953.5	3835.2	3713.0	3614.2	3503.1	3367.2	3207.8	3026.3	2825.5	2631.1
-32.5°	3962.3	3855.7	3737.4	3621.3	3518.1	3401.5	3264.4	3106.1	2915.6	2725.6	2523.4
-35°	3856.1	3745.7	3632.9	3523.5	3414.8	3292.8	3152.8	2980.5	2798.5	2610.3	2400.5
-37.5°	3734.9	3619.8	3513.8	3409.9	3297.9	3172.7	3018.2	2851.8	2674.3	2467.4	2267.7
-40°	3604.6	3493.7	3378.0	3275.3	3155.8	3029.5	2880.2	2718.5	2523.2	2318.8	2131.0
-42.5°	3449.8	3339.1	3220.0	3105.6	2989.5	2869.4	2734.6	2559.6	2366.0	2173.2	1978.3
-45°	3263.1	3152.3	3035.1	2917.3	2808.6	2691.9	2566.5	2379.8	2188.7	2004.9	1817.9
-47.5°	3052.9	2945.5	2832.5	2715.6	2612.2	2495.1	2342.3	2168.6	1999.5	1824.6	1633.2
-50°	2824.7	2722.5	2617.9	2509.5	2393.4	2261.3	2114.6	1963.0	1795.6	1616.0	1441.1
-52.5°	2575.2	2481.7	2383.0	2278.8	2158.9	2027.8	1890.3	1729.5	1562.4	1410.0	1250.9
-55°	2314.8	2222.5	2125.0	2020.8	1909.0	1779.4	1637.0	1490.7	1354.3	1213.4	1092.0
-57.5°	2026.8	1939.3	1846.4	1748.0	1644.9	1524.2	1399.3	1275.2	1167.2	1057.6	947.5
-60°	1718.9	1637.2	1558.1	1471.0	1375.7	1271.9	1180.8	1089.2	997.6	910.2	821.5
-62.5°	1420.7	1352.3	1281.3	1210.6	1138.2	1063.2	987.8	917.0	844.8	770.7	705.4
-65°	1138.8	1086.8	1030.8	981.9	930.5	876.3	815.7	760.2	707.7	653.4	597.8
-67.5°	902.3	865.2	825.6	787.0	751.7	714.2	671.6	626.8	585.1	545.0	504.1
-70°	707.8	683.2	657.5	629.3	601.2	572.9	541.6	508.6	475.2	445.1	416.3
-72.5°	543.3	526.3	506.8	486.5	464.8	445.6	424.2	401.9	379.3	356.4	334.7
-75°	420.3	408.1	394.7	379.5	361.2	339.5	323.4	312.5	298.9	282.2	264.1
-77.5°	332.4	323.5	313.9	301.0	287.6	273.7	260.1	246.6	233.3	220.7	209.2
-80°	244.6	240.4	235.0	224.3	213.6	203.0	192.8	184.5	176.8	168.2	157.7
-82.5°	143.6	143.1	141.6	135.6	129.6	123.6	117.8	112.0	105.9	99.5	93.1
-85°	46.4	48.9	51.0	52.0	52.6	52.8	52.4	50.9	49.2	47.1	45.0
-87.5°	10.1	10.2	10.2	10.6	11.0	11.3	11.6	12.1	12.6	13.0	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	1.0	1.0
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.5
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.7
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.2	1.4	1.7
75°	0.9	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.2	1.5	1.7
72.5°	0.9	0.9	0.9	1.0	1.2	1.2	1.1	1.0	1.2	1.5	1.7
70°	1.0	1.0	0.9	1.1	1.3	1.5	1.5	1.5	1.3	1.5	1.7
67.5°	1.4	1.4	1.3	1.3	1.4	1.6	1.8	2.1	2.1	1.6	1.8
65°	1.4	1.7	2.0	2.6	2.3	1.6	1.9	3.7	2.9	2.5	1.8
62.5°	3.1	1.7	6.0	7.9	4.5	3.5	2.8	8.2	5.1	3.5	2.5
60°	7.4	6.1	16.6	26.5	18.5	6.2	9.2	14.2	13.0	4.5	3.5
57.5°	68.9	23.7	34.3	49.6	48.7	26.4	19.3	25.7	22.2	12.7	5.0
55°	146.9	123.7	81.7	74.8	80.8	65.2	42.4	41.6	34.2	23.7	8.1
52.5°	201.6	210.4	183.1	127.9	111.4	106.2	82.9	60.4	53.6	35.5	20.5
50°	291.8	271.8	269.0	225.9	156.2	141.4	122.4	94.3	75.2	50.8	34.7
47.5°	412.2	362.1	335.6	316.2	249.2	180.2	160.5	129.0	99.1	73.2	49.6
45°	589.1	468.1	416.7	385.2	341.6	253.5	200.9	162.7	129.1	98.3	65.2
42.5°	766.7	605.2	509.3	458.4	413.0	336.2	244.0	201.6	158.4	123.8	84.9
40°	923.5	746.5	606.6	541.3	483.2	416.1	314.0	243.1	187.1	150.1	107.3
37.5°	1112.2	907.5	718.6	628.1	558.0	482.8	384.9	286.5	221.6	177.6	129.8
35°	1294.8	1115.9	844.0	732.9	641.3	551.3	453.2	337.8	264.0	205.6	152.3
32.5°	1490.9	1311.9	1033.3	850.0	727.5	621.2	517.1	400.3	306.6	234.0	174.7
30°	1645.2	1440.9	1199.5	967.2	821.3	699.2	580.8	460.1	349.4	262.6	197.3
27.5°	1727.0	1552.5	1330.6	1097.8	926.8	779.2	646.5	517.3	392.0	294.0	220.8
25°	1811.6	1631.1	1424.3	1212.0	1031.0	863.9	711.9	571.9	438.6	329.4	244.1
22.5°	1912.9	1698.0	1503.3	1302.5	1138.5	949.8	780.5	627.1	485.2	364.2	267.0
20°	2014.5	1760.0	1581.3	1425.6	1243.9	1042.7	852.3	681.0	529.1	398.0	289.4
17.5°	2121.2	1872.8	1713.7	1545.8	1349.1	1132.7	922.9	733.2	570.4	430.8	311.2
15°	2306.9	2041.6	1847.0	1662.8	1453.7	1219.2	991.9	783.3	608.8	462.3	331.5
12.5°	2475.5	2198.7	1980.5	1775.8	1556.5	1301.8	1058.4	831.0	644.4	487.4	349.5
10°	2615.0	2344.5	2112.4	1884.3	1656.4	1379.7	1121.8	869.9	665.8	506.2	366.2
7.5°	2729.2	2479.2	2241.0	1987.6	1742.2	1430.7	1153.8	892.6	682.4	522.1	381.3
5°	2811.8	2569.0	2309.4	2023.6	1769.0	1451.7	1175.5	911.0	695.7	535.4	395.0
2.5°	2835.6	2596.6	2335.0	2043.3	1787.1	1465.2	1191.0	925.1	706.0	546.2	407.1
0°	2849.5	2614.8	2351.1	2055.4	1796.4	1471.7	1200.4	934.8	713.3	554.7	417.7
-2.5°	2868.8	2630.5	2366.6	2086.6	1802.5	1491.4	1205.7	941.1	722.5	557.7	423.8
-5°	2878.4	2636.6	2374.0	2107.5	1800.9	1503.1	1205.0	943.1	728.5	558.8	428.4
-7.5°	2874.2	2634.5	2374.3	2114.1	1792.8	1505.8	1198.5	941.0	730.9	558.0	431.2
-10°	2861.2	2623.8	2365.2	2097.1	1785.3	1495.2	1186.8	935.0	729.5	555.6	432.2
-12.5°	2841.5	2603.9	2346.7	2072.7	1769.6	1473.2	1173.1	924.8	723.6	551.8	431.5
-15°	2816.0	2574.9	2318.6	2041.7	1743.9	1444.0	1152.4	909.9	712.1	547.4	429.0
-17.5°	2783.2	2537.0	2280.6	2004.8	1707.8	1407.9	1124.7	890.5	697.8	542.1	423.8
-20°	2724.6	2486.1	2232.4	1963.0	1660.8	1365.0	1089.7	866.6	680.7	534.5	416.4

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REPORT NUMBER: P645389 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2658.8	2423.1	2172.3	1906.6	1604.2	1315.7	1047.5	838.2	661.0	524.6	407.5
-25°	2588.6	2352.2	2102.5	1828.4	1541.6	1263.6	1005.1	805.4	638.8	512.5	397.2
-27.5°	2506.1	2271.9	2023.4	1742.3	1469.0	1203.2	964.6	776.3	617.3	497.9	385.6
-30°	2413.5	2177.5	1924.4	1650.5	1389.4	1133.3	919.1	745.2	599.2	482.0	372.5
-32.5°	2307.3	2073.4	1814.8	1556.5	1305.3	1059.2	868.9	712.0	578.2	465.2	360.5
-35°	2186.4	1952.4	1698.7	1455.6	1216.2	999.4	819.8	676.7	554.4	447.0	347.7
-37.5°	2060.4	1822.5	1582.5	1350.2	1121.6	934.5	775.6	641.8	527.8	427.4	333.7
-40°	1916.6	1688.8	1460.6	1241.7	1039.6	864.9	727.8	607.4	502.7	406.7	318.3
-42.5°	1768.5	1548.6	1333.4	1126.8	958.7	808.2	677.8	570.4	476.2	386.6	301.7
-45°	1608.8	1400.6	1198.2	1029.9	876.3	748.2	633.9	532.0	447.9	366.1	284.5
-47.5°	1440.3	1244.5	1075.3	929.0	806.4	687.9	587.3	498.8	418.2	344.1	267.2
-50°	1261.8	1099.2	962.1	841.4	730.9	633.6	540.9	464.1	391.0	319.8	249.2
-52.5°	1103.7	973.4	859.9	756.6	664.4	576.5	500.9	428.4	363.0	296.5	230.3
-55°	968.2	861.4	765.6	679.6	598.5	527.5	459.3	396.8	334.2	273.2	211.1
-57.5°	851.2	757.9	681.2	606.5	539.5	478.9	421.5	364.4	306.5	249.0	196.0
-60°	738.8	669.1	600.9	540.8	484.1	432.7	385.8	332.1	278.6	224.8	179.2
-62.5°	641.7	582.2	530.6	478.3	431.2	389.3	349.8	300.4	249.9	202.5	160.9
-65°	550.7	505.0	461.0	419.3	380.2	344.7	312.8	268.0	221.2	178.8	142.0
-67.5°	464.2	429.8	395.3	360.3	329.5	300.8	273.5	233.0	191.2	153.9	123.2
-70°	387.0	357.6	330.6	304.6	279.6	255.7	229.9	195.8	159.8	131.6	103.9
-72.5°	314.1	292.6	270.2	248.8	230.4	209.3	185.6	159.0	133.8	108.8	84.2
-75°	246.7	232.5	216.7	199.7	182.5	163.7	148.1	129.4	107.4	85.6	67.9
-77.5°	197.4	183.6	167.7	154.2	142.7	129.8	115.5	99.4	81.9	66.6	52.4
-80°	145.6	135.0	126.1	118.2	107.6	95.9	84.0	72.3	59.5	47.7	36.7
-82.5°	88.8	86.5	84.0	80.4	71.5	62.8	54.3	45.9	36.8	28.5	23.6
-85°	44.4	43.5	42.2	40.3	34.8	29.5	27.0	24.5	21.5	18.6	15.8
-87.5°	14.6	15.7	16.6	17.2	16.0	14.8	13.5	12.3	10.8	9.3	7.9
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.3	0.0
80°	1.9	1.6	1.3	1.0	0.7	0.4	0.0
77.5°	1.9	1.9	1.6	1.2	0.8	0.5	0.0
75°	1.9	2.0	1.9	1.5	1.0	0.6	0.0
72.5°	1.9	2.0	2.0	1.7	1.2	0.7	0.0
70°	2.0	2.1	2.1	1.9	1.3	0.8	0.0
67.5°	2.2	2.2	2.2	2.0	1.5	0.9	0.0
65°	2.5	2.5	2.3	2.1	1.7	1.0	0.0
62.5°	3.0	3.1	2.4	2.2	1.8	1.1	0.0
60°	3.5	3.8	2.5	2.3	2.0	1.2	0.0
57.5°	6.4	4.5	3.2	2.4	2.1	1.3	0.0
55°	10.2	5.3	4.0	2.5	2.2	1.4	0.0
52.5°	14.7	6.8	4.8	2.6	2.3	1.5	0.0
50°	19.8	11.7	5.6	2.7	2.4	1.6	0.0
47.5°	26.6	16.8	6.5	2.9	2.5	1.7	0.0
45°	40.2	22.4	7.5	3.6	2.7	1.8	0.0
42.5°	54.0	28.3	8.4	4.3	2.8	1.8	0.0
40°	68.2	34.5	11.4	5.3	2.9	1.9	0.0
37.5°	82.7	41.1	16.3	6.4	3.0	2.0	0.0
35°	97.4	51.1	21.2	7.6	3.1	2.1	0.0
32.5°	113.3	62.7	26.3	9.0	3.2	2.2	0.0
30°	131.5	74.2	31.3	10.5	3.4	2.2	0.0
27.5°	149.3	85.5	37.6	12.1	3.5	2.3	0.0
25°	166.7	96.7	44.0	13.8	3.6	2.4	0.0
22.5°	183.6	108.1	50.4	15.5	3.7	2.4	0.0
20°	199.9	120.3	56.8	17.3	3.9	2.5	0.0
17.5°	216.1	132.1	63.0	19.1	4.0	2.5	0.0
15°	231.6	143.5	69.1	21.0	4.1	2.6	0.0
12.5°	246.1	154.3	75.0	22.8	4.2	2.6	0.0
10°	259.6	164.5	80.6	24.6	4.3	2.7	0.0
7.5°	272.0	174.1	85.9	26.3	4.4	2.7	0.0
5°	283.2	182.9	90.9	28.0	4.5	2.8	0.0
2.5°	293.3	190.9	95.4	29.6	4.6	2.8	0.0
0°	302.2	198.0	99.5	31.0	4.7	2.8	0.0
-2.5°	306.6	202.5	103.3	33.0	5.4	3.0	0.0
-5°	309.9	206.1	106.5	34.9	6.2	3.1	0.0
-7.5°	311.9	208.7	109.1	36.5	6.9	3.3	0.0
-10°	312.9	210.3	111.1	38.0	7.5	3.4	0.0
-12.5°	312.7	211.0	112.5	39.2	8.2	3.5	0.0
-15°	311.5	210.7	113.1	40.1	8.8	3.6	0.0
-17.5°	309.2	209.4	113.0	40.8	9.4	3.7	0.0
-20°	305.7	207.2	112.2	41.3	9.9	3.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	300.6	204.1	110.6	41.4	10.3	3.9	0.0
-25°	294.3	199.2	108.3	41.2	10.8	4.0	0.0
-27.5°	286.8	193.0	105.1	40.7	11.1	4.0	0.0
-30°	278.2	186.1	101.2	39.8	11.4	4.0	0.0
-32.5°	268.3	178.3	96.6	38.7	11.6	4.1	0.0
-35°	257.7	169.7	91.5	37.2	11.8	4.1	0.0
-37.5°	246.3	161.1	85.8	35.3	11.8	4.0	0.0
-40°	234.0	153.2	79.7	33.1	11.9	4.0	0.0
-42.5°	220.9	144.9	75.0	30.7	11.8	3.9	0.0
-45°	206.9	136.0	71.9	28.3	11.6	3.9	0.0
-47.5°	192.2	126.5	68.1	25.6	11.4	3.8	0.0
-50°	179.8	116.6	63.8	24.7	11.1	3.6	0.0
-52.5°	167.5	106.2	58.9	24.2	10.8	3.5	0.0
-55°	154.7	98.3	53.5	23.4	10.4	3.4	0.0
-57.5°	141.4	90.3	47.6	22.4	9.9	3.2	0.0
-60°	127.9	81.6	41.4	21.1	9.3	3.0	0.0
-62.5°	115.5	72.2	38.5	19.6	8.7	2.8	0.0
-65°	102.3	62.1	35.1	17.9	8.1	2.6	0.0
-67.5°	88.2	53.7	31.4	16.0	7.4	2.4	0.0
-70°	73.4	47.0	27.3	13.8	6.7	2.2	0.0
-72.5°	62.1	39.7	22.9	12.2	6.0	1.9	0.0
-75°	50.7	32.1	18.2	10.6	5.2	1.7	0.0
-77.5°	38.8	24.1	15.0	8.9	4.4	1.4	0.0
-80°	26.5	18.3	12.1	7.2	3.5	1.1	0.0
-82.5°	19.4	13.9	9.2	5.4	2.7	0.9	0.0
-85°	13.0	9.3	6.2	3.7	1.8	0.6	0.0
-87.5°	6.5	4.7	3.1	1.8	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)