

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: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645369 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

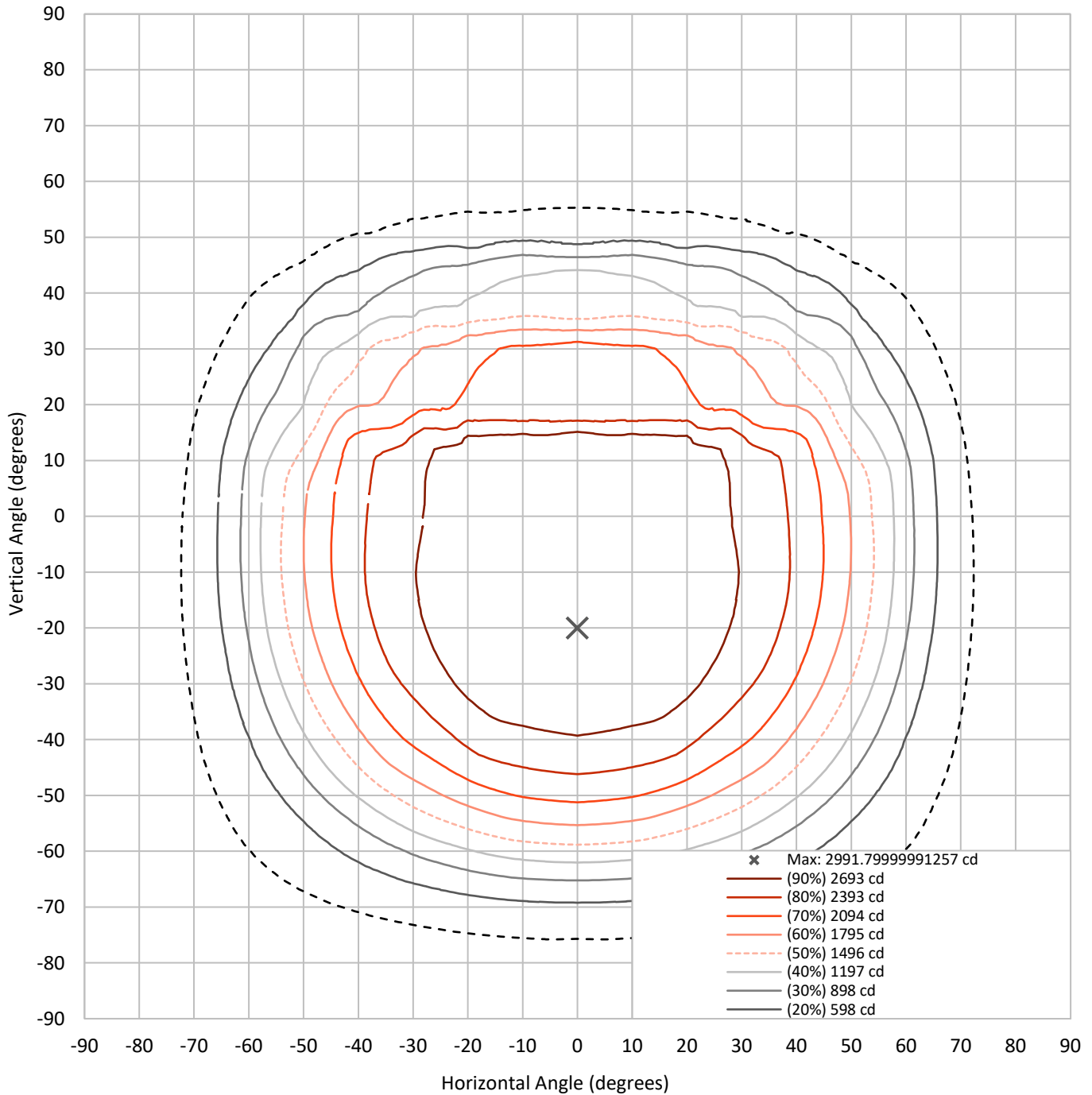
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7015 lumens	Max Intensity:	2991.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	57.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	5484 lumens	Field Lumens:	6875.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	121.7		
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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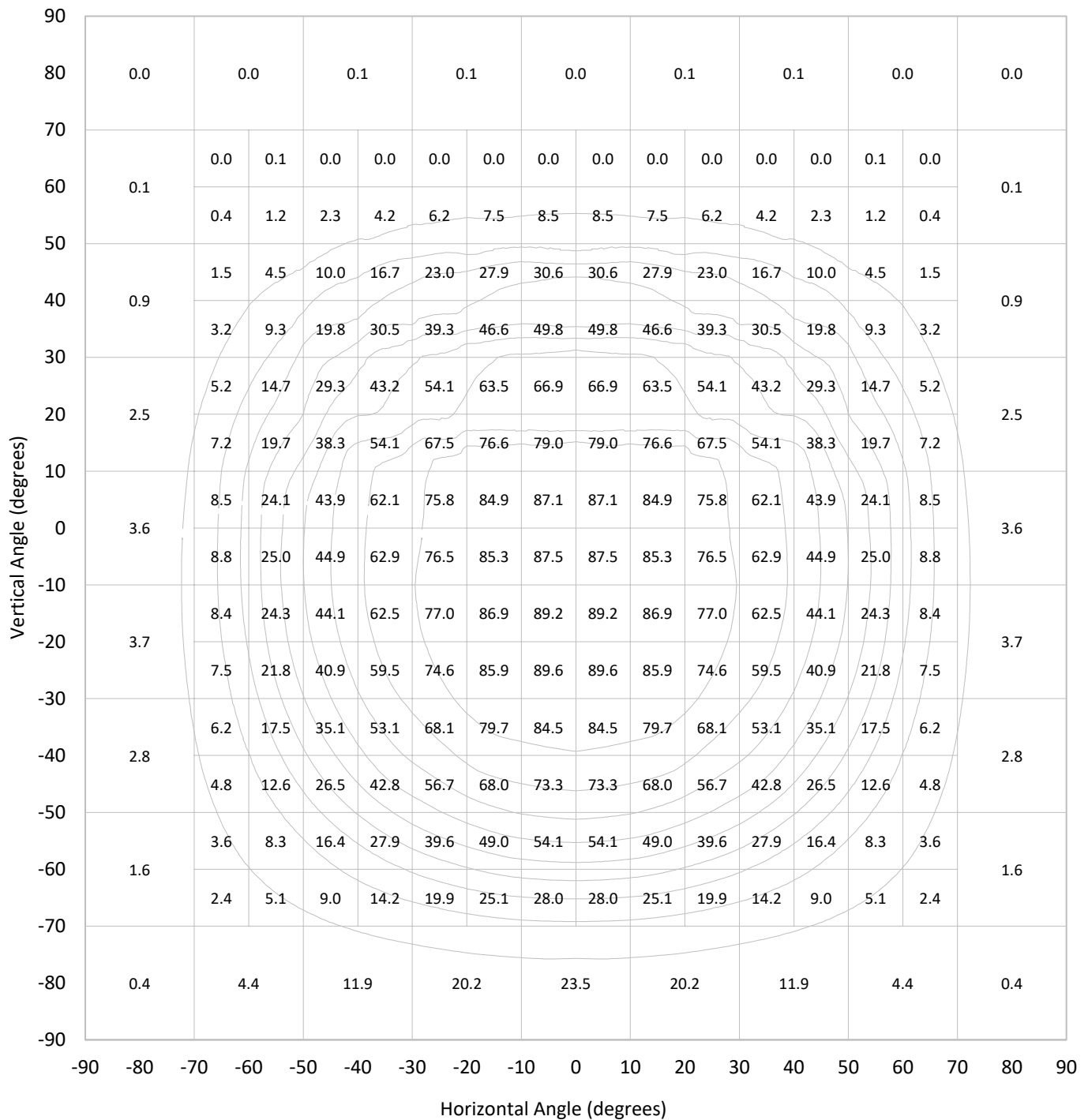
Iso-Candela Plot





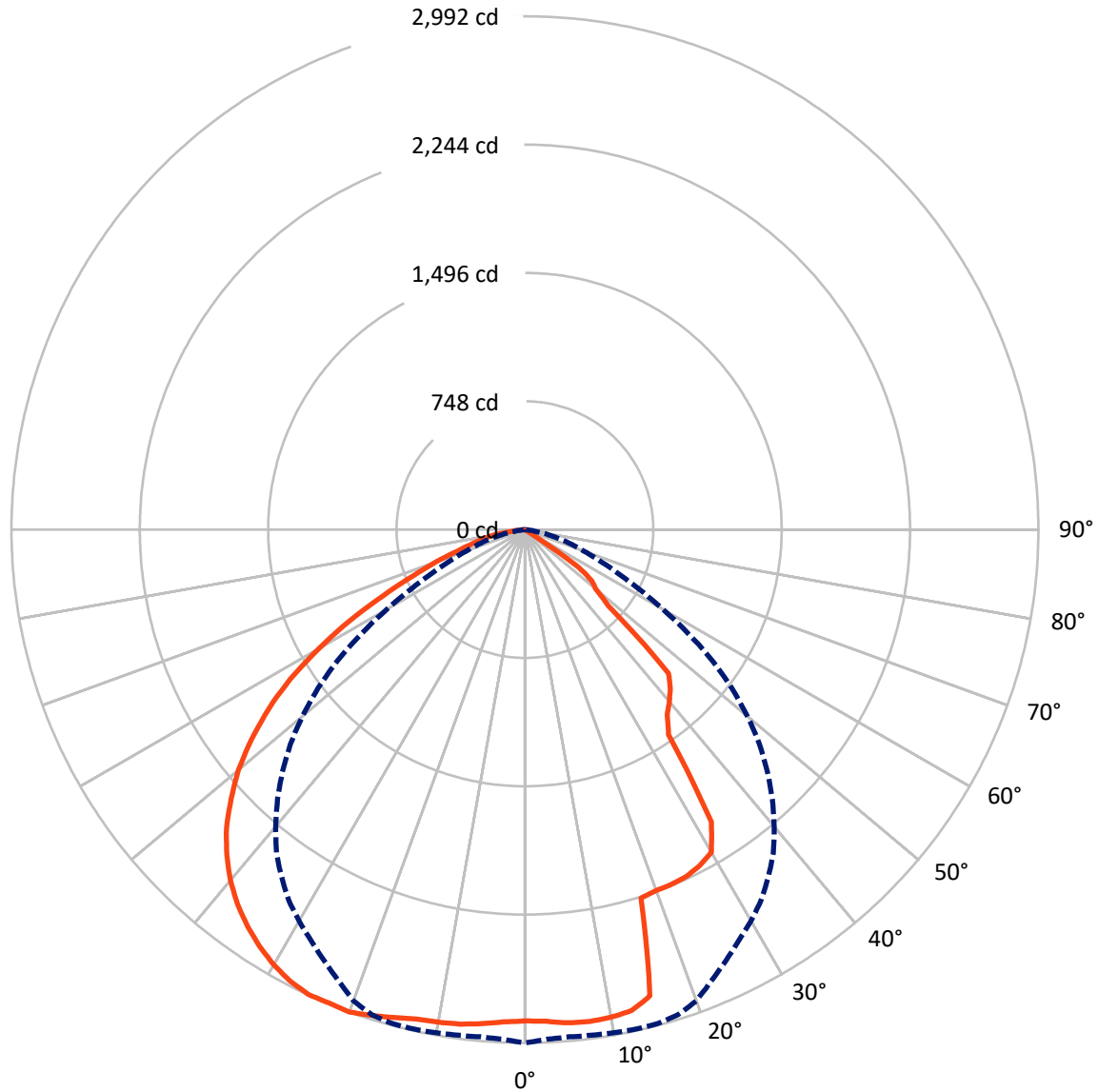
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Lumen Table



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Luminous Intensity Polar Plot

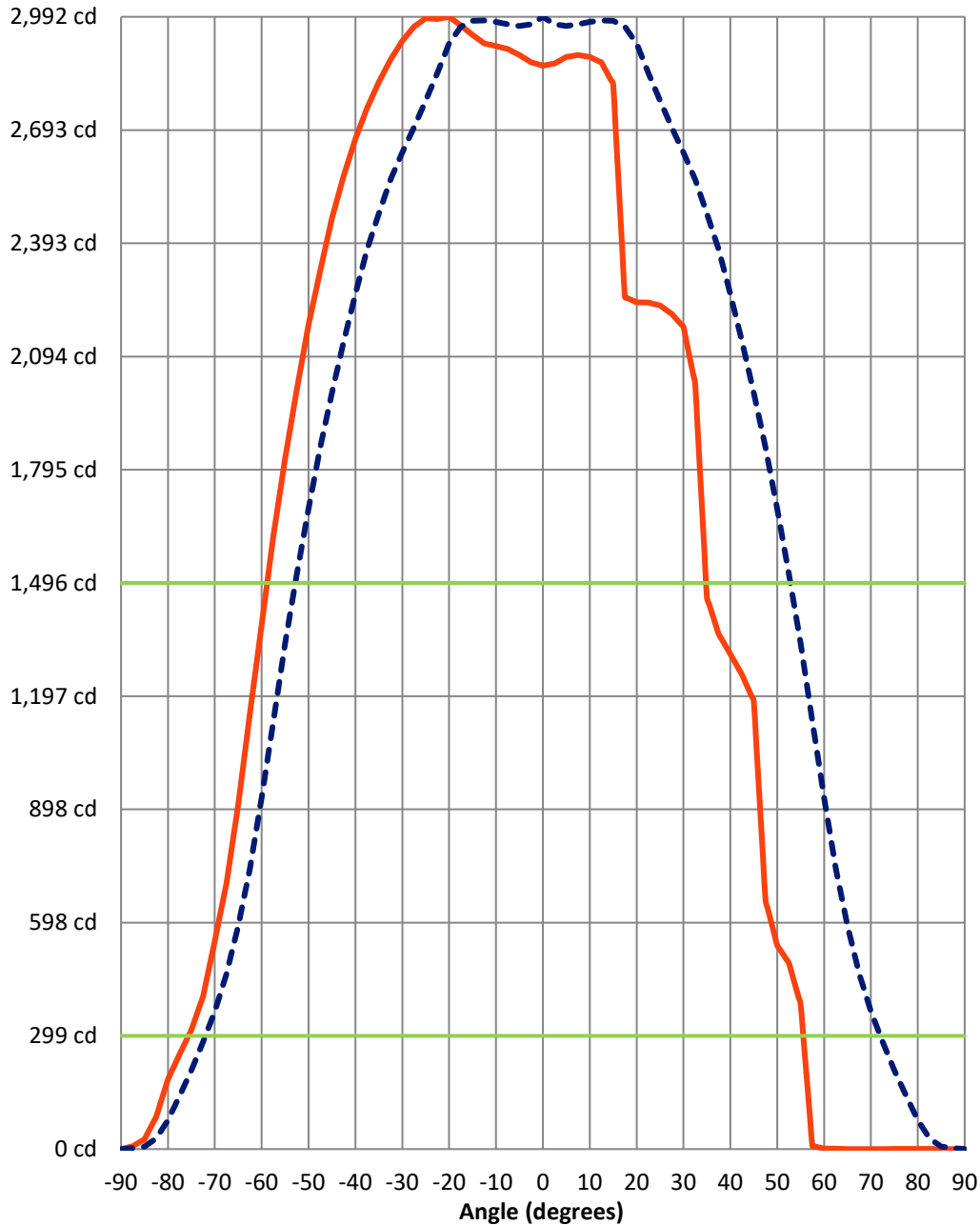


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 5484
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 6875.8
 Efficiency: 98.0%

Spill:
 Lumens: 139.3
 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	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.6	0.5
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.0	1.0	0.8	0.6
80°	0.0	0.3	0.5	0.7	0.9	1.1	1.3	1.1	1.0	0.8	0.6
77.5°	0.0	0.3	0.6	0.8	1.1	1.3	1.3	1.2	1.0	0.8	0.6
75°	0.0	0.4	0.7	1.0	1.3	1.3	1.3	1.2	1.0	0.8	0.7
72.5°	0.0	0.5	0.8	1.2	1.4	1.4	1.3	1.2	1.0	0.8	0.7
70°	0.0	0.6	0.9	1.3	1.4	1.4	1.4	1.2	1.0	0.9	1.0
67.5°	0.0	0.6	1.0	1.4	1.5	1.5	1.5	1.2	1.1	1.4	1.4
65°	0.0	0.7	1.1	1.4	1.5	1.7	1.7	1.2	1.7	2.0	2.5
62.5°	0.0	0.8	1.3	1.5	1.6	2.1	2.0	1.7	2.4	3.5	5.6
60°	0.0	0.8	1.4	1.6	1.7	2.6	2.4	2.4	3.1	8.9	9.7
57.5°	0.0	0.9	1.4	1.6	2.2	3.1	4.4	3.4	8.7	15.1	17.5
55°	0.0	0.9	1.5	1.7	2.7	3.6	7.0	5.5	16.1	23.3	28.3
52.5°	0.0	1.0	1.6	1.7	3.3	4.6	10.0	14.0	24.2	36.5	41.1
50°	0.0	1.1	1.7	1.8	3.8	7.9	13.4	23.6	34.6	51.2	64.2
47.5°	0.0	1.1	1.7	2.0	4.4	11.4	18.1	33.8	49.8	67.4	87.8
45°	0.0	1.2	1.8	2.5	5.1	15.2	27.3	44.3	66.9	87.9	110.7
42.5°	0.0	1.3	1.9	3.0	5.7	19.2	36.8	57.8	84.2	107.8	137.1
40°	0.0	1.3	2.0	3.6	7.7	23.5	46.4	73.0	102.1	127.3	165.5
37.5°	0.0	1.4	2.0	4.3	11.1	28.0	56.3	88.3	120.9	150.8	195.0
35°	0.0	1.4	2.1	5.2	14.4	34.8	66.3	103.6	139.9	179.7	230.0
32.5°	0.0	1.5	2.2	6.1	17.9	42.6	77.1	118.9	159.2	208.7	272.4
30°	0.0	1.5	2.3	7.1	21.3	50.5	89.5	134.2	178.7	237.8	313.2
27.5°	0.0	1.6	2.4	8.2	25.6	58.2	101.6	150.3	200.1	266.8	352.1
25°	0.0	1.6	2.5	9.4	30.0	65.8	113.4	166.1	224.2	298.5	389.2
22.5°	0.0	1.6	2.5	10.6	34.3	73.5	124.9	181.7	247.9	330.2	426.8
20°	0.0	1.7	2.6	11.8	38.6	81.9	136.0	197.0	270.9	360.1	463.5
17.5°	0.0	1.7	2.7	13.0	42.9	89.9	147.0	211.8	293.2	388.2	499.0
15°	0.0	1.8	2.8	14.3	47.0	97.6	157.6	225.6	314.6	414.4	533.1
12.5°	0.0	1.8	2.9	15.5	51.0	105.0	167.5	237.9	331.7	438.6	565.5
10°	0.0	1.8	2.9	16.7	54.9	112.0	176.7	249.2	344.5	453.1	592.0
7.5°	0.0	1.8	3.0	17.9	58.5	118.5	185.1	259.5	355.3	464.4	607.4
5°	0.0	1.9	3.1	19.1	61.8	124.5	192.8	268.8	364.4	473.5	620.0
2.5°	0.0	1.9	3.1	20.1	64.9	129.9	199.6	277.0	371.7	480.5	629.6
0°	0.0	1.9	3.2	21.1	67.7	134.8	205.7	284.2	377.5	485.4	636.2
-2.5°	0.0	2.0	3.7	22.5	70.3	137.9	208.7	288.4	379.6	491.7	640.5
-5°	0.0	2.1	4.2	23.7	72.5	140.3	210.9	291.4	380.3	495.8	641.9
-7.5°	0.0	2.2	4.7	24.9	74.3	142.0	212.3	293.4	379.7	497.4	640.4
-10°	0.0	2.3	5.1	25.8	75.6	143.1	212.9	294.1	378.1	496.5	636.4
-12.5°	0.0	2.4	5.6	26.7	76.5	143.6	212.8	293.6	375.5	492.5	629.4
-15°	0.0	2.5	6.0	27.3	77.0	143.4	212.0	291.9	372.5	484.6	619.2
-17.5°	0.0	2.5	6.4	27.8	76.9	142.5	210.4	288.3	368.9	474.9	606.0
-20°	0.0	2.6	6.7	28.1	76.3	141.0	208.0	283.3	363.7	463.2	589.8

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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	2.7	7.0	28.2	75.3	138.8	204.5	277.3	357.0	449.8	570.5
-25°	0.0	2.7	7.3	28.0	73.7	135.5	200.2	270.3	348.7	434.7	548.1
-27.5°	0.0	2.7	7.6	27.7	71.5	131.3	195.1	262.4	338.8	420.1	528.3
-30°	0.0	2.7	7.8	27.1	68.8	126.6	189.3	253.5	328.0	407.7	507.1
-32.5°	0.0	2.8	7.9	26.3	65.7	121.3	182.6	245.3	316.6	393.5	484.5
-35°	0.0	2.8	8.0	25.3	62.2	115.5	175.4	236.6	304.2	377.3	460.5
-37.5°	0.0	2.7	8.1	24.0	58.4	109.6	167.6	227.1	290.9	359.2	436.8
-40°	0.0	2.7	8.1	22.5	54.2	104.3	159.2	216.6	276.8	342.1	413.4
-42.5°	0.0	2.7	8.0	20.9	51.1	98.6	150.3	205.3	263.1	324.1	388.2
-45°	0.0	2.6	7.9	19.3	48.9	92.5	140.8	193.6	249.1	304.8	362.1
-47.5°	0.0	2.6	7.8	17.4	46.3	86.1	130.7	181.8	234.1	284.7	339.5
-50°	0.0	2.5	7.6	16.8	43.4	79.3	122.3	169.5	217.6	266.1	315.8
-52.5°	0.0	2.4	7.3	16.4	40.1	72.3	114.0	156.7	201.7	247.0	291.6
-55°	0.0	2.3	7.0	15.9	36.4	66.9	105.2	143.7	185.9	227.4	270.0
-57.5°	0.0	2.2	6.7	15.2	32.4	61.5	96.2	133.3	169.4	208.6	248.0
-60°	0.0	2.1	6.3	14.4	28.2	55.5	87.0	121.9	153.0	189.6	226.0
-62.5°	0.0	1.9	5.9	13.3	26.2	49.1	78.6	109.5	137.8	170.1	204.5
-65°	0.0	1.8	5.5	12.2	23.9	42.2	69.6	96.6	121.7	150.5	182.4
-67.5°	0.0	1.6	5.1	10.8	21.3	36.5	60.0	83.8	104.7	130.1	158.6
-70°	0.0	1.5	4.6	9.4	18.6	31.9	49.9	70.7	89.5	108.7	133.2
-72.5°	0.0	1.3	4.1	8.3	15.6	27.0	42.2	57.3	74.0	91.0	108.2
-75°	0.0	1.1	3.5	7.2	12.4	21.8	34.5	46.2	58.3	73.1	88.1
-77.5°	0.0	0.9	3.0	6.1	10.2	16.4	26.4	35.7	45.3	55.7	67.6
-80°	0.0	0.8	2.4	4.9	8.3	12.5	18.0	25.0	32.4	40.5	49.2
-82.5°	0.0	0.6	1.8	3.7	6.2	9.4	13.2	16.0	19.4	25.1	31.2
-85°	0.0	0.4	1.2	2.5	4.2	6.3	8.9	10.7	12.6	14.6	16.7
-87.5°	0.0	0.2	0.6	1.2	2.1	3.2	4.4	5.4	6.3	7.3	8.4
-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: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-LAM-VSR-XX

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°	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.7	0.8	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	1.0	1.0	0.9	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.6
67.5°	1.3	1.1	0.9	0.9	0.9	1.0	0.9	0.8	0.6	0.6	0.6
65°	1.3	1.1	1.6	1.8	1.4	1.1	1.0	0.8	0.9	0.9	0.9
62.5°	1.9	2.4	3.0	5.4	4.1	1.2	2.1	2.5	1.8	1.5	1.6
60°	6.2	4.2	12.6	18.0	11.3	4.1	5.0	16.7	14.5	2.7	9.1
57.5°	13.1	18.0	33.2	33.8	23.4	16.1	46.9	54.1	41.0	23.9	36.6
55°	28.8	44.4	55.0	50.9	55.6	84.1	100.0	89.8	75.6	116.4	148.6
52.5°	56.4	72.2	75.8	87.0	124.6	143.1	137.2	146.7	190.3	236.3	246.3
50°	83.3	96.2	106.3	153.7	183.0	184.9	198.6	241.8	299.8	328.0	321.1
47.5°	109.2	122.6	169.6	215.1	228.3	246.4	280.6	363.8	425.3	426.5	419.5
45°	136.7	172.5	232.4	262.1	283.6	318.5	400.9	515.7	521.7	538.4	641.1
42.5°	166.1	228.8	281.1	312.0	346.6	411.9	521.8	597.1	623.1	696.1	778.7
40°	213.7	283.2	328.9	368.4	412.9	508.1	628.5	699.1	720.2	783.4	845.4
37.5°	261.9	328.6	379.8	427.4	489.1	617.6	756.9	815.2	825.8	837.4	974.9
35°	308.4	375.2	436.4	498.8	574.4	759.4	881.2	935.9	934.2	1012.3	1156.3
32.5°	351.9	422.7	495.1	578.5	703.2	892.8	1014.6	1047.3	1097.1	1210.7	1407.2
30°	395.3	475.8	558.9	658.2	816.3	980.6	1119.6	1172.3	1257.6	1387.2	1530.3
27.5°	440.0	530.3	630.7	747.1	905.5	1056.5	1175.3	1301.3	1384.1	1500.3	1602.0
25°	484.5	587.9	701.6	824.8	969.3	1110.0	1232.9	1378.4	1467.3	1561.0	1655.9
22.5°	531.2	646.3	774.8	886.4	1023.0	1155.5	1301.8	1459.7	1575.2	1634.7	1698.5
20°	580.0	709.5	846.5	970.2	1076.1	1197.8	1371.0	1562.8	1711.9	1778.9	1787.7
17.5°	628.1	770.8	918.1	1052.0	1166.2	1274.5	1443.6	1686.3	1871.8	1934.1	1961.8
15°	675.0	829.7	989.3	1131.5	1257.0	1389.4	1569.9	1816.7	2028.8	2097.7	2141.3
12.5°	720.2	885.9	1059.3	1208.5	1347.8	1496.3	1684.7	1910.6	2104.2	2237.5	2317.4
10°	763.4	939.0	1127.2	1282.3	1437.6	1595.5	1779.6	1980.5	2138.1	2266.7	2380.2
7.5°	785.2	973.7	1185.6	1352.6	1525.1	1687.2	1857.3	2029.8	2162.5	2288.6	2398.4
5°	800.0	987.9	1203.9	1377.1	1571.6	1748.3	1913.5	2062.2	2178.5	2303.5	2410.7
2.5°	810.5	997.1	1216.2	1390.5	1589.1	1767.1	1929.7	2073.0	2191.6	2314.1	2423.8
0°	816.9	1001.5	1222.5	1398.8	1600.0	1779.5	1939.1	2077.1	2200.4	2319.2	2437.3
-2.5°	820.5	1014.9	1226.7	1420.0	1610.6	1790.2	1952.3	2087.0	2215.8	2328.9	2447.3
-5°	820.1	1022.9	1225.6	1434.3	1615.6	1794.3	1958.9	2091.5	2224.1	2336.1	2451.4
-7.5°	815.6	1024.7	1220.1	1438.7	1615.9	1792.9	1956.0	2093.6	2224.0	2342.7	2451.7
-10°	807.7	1017.5	1215.0	1427.2	1609.6	1785.6	1947.2	2088.9	2218.8	2341.4	2449.6
-12.5°	798.3	1002.6	1204.3	1410.6	1597.0	1772.0	1933.8	2076.9	2209.1	2331.3	2444.7
-15°	784.3	982.7	1186.8	1389.4	1577.9	1752.3	1916.4	2057.4	2194.1	2313.8	2430.2
-17.5°	765.4	958.1	1162.2	1364.4	1552.0	1726.5	1894.0	2031.7	2167.7	2291.4	2403.7
-20°	741.6	928.9	1130.2	1335.9	1519.3	1691.8	1854.2	1998.3	2133.5	2259.3	2377.3

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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°	712.8	895.4	1091.7	1297.4	1478.3	1649.0	1809.4	1955.8	2095.9	2217.6	2343.3
-25°	684.0	860.0	1049.1	1244.3	1430.8	1600.8	1761.6	1904.2	2047.4	2174.0	2293.5
-27.5°	656.4	818.9	999.7	1185.7	1377.0	1546.1	1705.5	1848.3	1987.2	2125.6	2240.6
-30°	625.4	771.3	945.6	1123.2	1309.6	1481.9	1642.5	1790.6	1922.8	2059.5	2183.0
-32.5°	591.3	720.8	888.3	1059.3	1235.1	1411.1	1570.2	1717.3	1854.9	1984.1	2113.8
-35°	557.8	680.1	827.7	990.6	1156.0	1328.7	1487.9	1633.6	1776.4	1904.4	2028.3
-37.5°	527.8	636.0	763.2	918.8	1076.9	1240.3	1402.2	1543.2	1679.1	1819.9	1940.7
-40°	495.3	588.6	707.4	844.9	993.9	1149.3	1304.3	1450.3	1578.0	1717.1	1850.0
-42.5°	461.2	550.0	652.4	766.7	907.4	1053.9	1203.5	1346.3	1479.0	1610.2	1741.8
-45°	431.4	509.2	596.4	700.9	815.4	953.1	1094.8	1237.1	1364.4	1489.5	1619.5
-47.5°	399.7	468.1	548.8	632.3	731.7	846.9	980.2	1111.4	1241.7	1360.8	1475.9
-50°	368.1	431.2	497.4	572.6	654.7	748.0	858.7	980.8	1099.8	1222.0	1336.0
-52.5°	340.9	392.3	452.2	514.9	585.2	662.5	751.1	851.3	959.6	1063.3	1177.0
-55°	312.6	359.0	407.3	462.5	521.0	586.2	658.9	743.1	825.7	921.7	1014.5
-57.5°	286.9	326.0	367.1	412.7	463.6	515.8	579.3	644.8	719.8	794.3	867.8
-60°	262.6	294.5	329.5	368.1	408.9	455.3	502.8	559.0	619.4	678.9	741.3
-62.5°	238.1	265.0	293.4	325.5	361.1	396.2	436.7	480.0	524.4	574.9	624.1
-65°	212.9	234.6	258.8	285.4	313.8	343.7	374.8	406.8	444.6	481.6	517.3
-67.5°	186.1	204.7	224.3	245.2	269.0	292.5	315.9	343.0	370.9	398.2	426.6
-70°	156.5	174.0	190.3	207.3	225.0	243.4	263.4	283.3	302.9	323.4	346.2
-72.5°	126.3	142.5	156.8	169.4	183.9	199.2	213.8	227.7	242.5	258.1	273.5
-75°	100.7	111.4	124.2	135.9	147.5	158.3	167.9	179.7	192.1	203.4	212.7
-77.5°	78.6	88.3	97.1	104.9	114.1	124.9	134.3	142.4	150.2	158.8	167.9
-80°	57.2	65.2	73.2	80.4	85.8	91.9	99.1	107.3	114.5	120.3	125.6
-82.5°	36.9	42.7	48.6	54.7	57.2	58.9	60.4	63.3	67.7	72.1	76.3
-85°	18.4	20.1	23.7	27.4	28.7	29.6	30.2	30.6	32.1	33.5	34.7
-87.5°	9.2	10.0	10.9	11.7	11.3	10.7	9.9	9.1	8.9	8.6	8.3
-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):

	-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°	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.1	0.0	0.0	0.0
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.3
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
65°	0.9	0.9	0.9	0.9	0.8	0.7	0.8	0.7	0.7	0.5	0.4
62.5°	1.6	1.8	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.1	1.1
60°	10.0	5.9	3.4	4.0	3.6	2.4	3.1	3.6	3.7	3.4	3.0
57.5°	55.5	41.4	30.7	73.3	73.5	35.1	42.2	66.4	54.7	18.0	16.7
55°	154.4	184.7	243.1	230.9	234.7	269.9	294.8	260.9	255.8	272.6	314.9
52.5°	277.4	306.3	326.0	344.4	366.8	390.8	415.5	431.3	446.0	461.7	471.1
50°	354.3	395.0	423.0	412.7	470.6	494.2	470.2	491.7	517.9	525.1	528.4
47.5°	523.2	582.9	594.7	633.2	667.7	666.9	637.6	639.3	717.3	786.2	820.0
45°	752.0	754.0	791.5	859.3	907.8	892.5	933.5	1026.6	1057.6	1087.5	1112.0
42.5°	841.0	878.0	937.8	997.8	1034.0	1065.4	1095.6	1129.8	1170.0	1202.7	1228.7
40°	927.3	957.0	1018.3	1066.7	1096.6	1125.9	1161.2	1199.1	1235.9	1264.6	1284.1
37.5°	1060.1	1083.2	1098.1	1142.9	1199.6	1173.4	1240.5	1288.5	1310.5	1339.6	1342.2
35°	1261.0	1245.6	1225.8	1404.3	1415.0	1354.7	1417.4	1491.9	1452.6	1534.4	1578.4
32.5°	1439.1	1436.8	1592.7	1686.5	1632.5	1676.6	1821.0	1814.6	1910.9	1955.6	1942.9
30°	1606.9	1664.2	1754.3	1824.2	1833.5	1903.0	1967.2	2023.4	2081.5	2133.6	2137.2
27.5°	1692.1	1766.8	1827.9	1868.4	1913.5	1972.0	2030.3	2093.6	2143.0	2175.6	2183.6
25°	1743.6	1819.9	1866.2	1909.8	1959.6	2010.1	2075.3	2144.2	2183.9	2204.0	2210.5
22.5°	1789.0	1857.6	1907.4	1942.7	1996.4	2050.7	2111.5	2169.8	2212.9	2221.7	2224.9
20°	1832.7	1898.6	1981.8	2033.8	2031.2	2092.4	2151.0	2197.4	2233.3	2233.1	2234.0
17.5°	1959.2	1982.7	2133.7	2248.3	2191.6	2161.7	2322.7	2325.8	2335.3	2316.3	2275.1
15°	2146.5	2189.3	2374.8	2499.1	2460.0	2457.9	2690.5	2632.8	2682.4	2669.4	2725.4
12.5°	2344.9	2395.6	2534.2	2656.2	2714.4	2728.6	2806.3	2879.1	2894.1	2888.2	2877.2
10°	2480.1	2552.3	2608.0	2682.0	2740.7	2800.5	2845.5	2897.8	2914.9	2905.0	2891.0
7.5°	2497.7	2569.1	2634.4	2699.4	2755.3	2803.4	2850.1	2892.7	2910.2	2904.4	2894.8
5°	2508.9	2573.5	2636.9	2702.8	2756.2	2800.8	2847.4	2890.5	2900.8	2893.9	2884.5
2.5°	2515.8	2575.6	2636.7	2702.4	2750.8	2793.3	2840.5	2886.5	2886.4	2883.3	2877.9
0°	2519.1	2579.1	2650.0	2709.4	2763.7	2804.0	2850.6	2895.3	2892.1	2883.8	2874.2
-2.5°	2526.3	2587.1	2659.5	2708.7	2769.9	2806.7	2854.9	2893.7	2892.2	2888.1	2883.3
-5°	2532.7	2601.1	2668.8	2720.6	2781.9	2830.1	2878.0	2908.3	2909.9	2904.2	2896.2
-7.5°	2536.6	2612.4	2677.0	2729.0	2788.5	2844.6	2893.1	2924.9	2925.6	2918.0	2908.5
-10°	2535.3	2615.4	2681.8	2735.6	2796.5	2851.9	2902.6	2942.9	2941.6	2934.4	2926.3
-12.5°	2530.5	2610.5	2678.7	2732.6	2801.8	2858.8	2915.9	2956.0	2958.1	2952.8	2943.9
-15°	2520.0	2602.5	2669.0	2727.8	2795.6	2862.2	2920.9	2965.1	2973.0	2968.6	2961.6
-17.5°	2499.1	2586.3	2656.7	2720.2	2785.2	2856.2	2923.0	2971.3	2982.1	2980.3	2974.6
-20°	2471.8	2561.7	2633.2	2699.7	2770.5	2843.6	2921.3	2965.5	2981.2	2982.2	2978.3



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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°	2441.2	2529.2	2605.0	2670.3	2747.1	2821.2	2891.5	2943.3	2969.6	2974.5	2974.8
-25°	2404.4	2494.8	2570.2	2639.8	2711.2	2787.6	2858.7	2916.5	2943.2	2955.9	2959.8
-27.5°	2352.4	2445.9	2520.0	2593.6	2666.3	2745.2	2819.9	2882.8	2904.4	2921.9	2928.9
-30°	2291.5	2384.0	2459.6	2526.8	2610.0	2690.5	2767.6	2822.4	2855.1	2875.1	2886.0
-32.5°	2221.5	2314.8	2394.2	2464.4	2543.4	2623.9	2696.5	2754.3	2799.3	2822.4	2834.1
-35°	2145.6	2240.8	2323.9	2397.9	2472.3	2549.0	2624.2	2684.7	2736.1	2755.9	2770.5
-37.5°	2054.0	2159.1	2244.3	2320.5	2391.3	2463.4	2541.7	2610.8	2660.6	2679.9	2695.4
-40°	1960.1	2061.7	2147.6	2228.9	2298.8	2377.6	2453.0	2525.5	2568.7	2591.2	2608.7
-42.5°	1861.0	1952.8	2034.5	2113.5	2191.3	2272.4	2347.8	2423.1	2460.5	2487.5	2508.9
-45°	1746.6	1832.0	1911.4	1985.3	2065.5	2145.2	2220.6	2287.2	2331.7	2366.9	2394.3
-47.5°	1594.0	1698.0	1777.7	1848.1	1927.6	2004.5	2077.6	2140.1	2189.0	2230.2	2262.0
-50°	1439.1	1538.9	1628.8	1707.8	1781.6	1852.7	1922.2	1983.5	2035.1	2079.8	2112.0
-52.5°	1286.5	1380.0	1469.2	1550.7	1621.7	1688.8	1752.5	1814.0	1868.5	1916.3	1947.5
-55°	1114.1	1211.0	1299.2	1375.3	1446.1	1512.5	1575.3	1633.7	1687.3	1736.0	1765.8
-57.5°	952.3	1037.3	1119.4	1189.6	1256.5	1319.7	1379.3	1435.2	1486.8	1532.6	1561.4
-60°	803.6	865.6	936.2	1001.1	1060.4	1114.1	1169.7	1221.9	1269.3	1309.6	1336.4
-62.5°	672.2	723.5	774.5	823.9	872.0	920.3	966.8	1010.1	1049.7	1082.7	1106.2
-65°	555.1	596.3	633.2	668.2	701.5	739.6	775.0	808.3	839.1	864.4	882.3
-67.5°	457.1	486.1	511.6	535.5	561.8	588.7	614.0	636.0	654.8	669.8	681.6
-70°	368.6	390.0	409.2	428.3	447.4	464.9	481.7	497.8	513.2	525.8	535.2
-72.5°	288.7	303.2	316.4	331.1	344.9	358.2	369.7	379.0	386.3	393.4	399.5
-75°	220.0	231.0	245.8	258.3	268.6	277.7	286.1	293.5	300.1	305.8	310.9
-77.5°	177.0	186.3	195.7	204.8	213.7	220.2	226.3	232.3	238.3	243.4	248.0
-80°	131.2	138.1	145.4	152.7	160.0	163.6	166.5	169.1	171.5	174.5	177.4
-82.5°	80.2	84.2	88.2	92.3	96.4	97.4	97.7	97.6	97.1	96.0	94.3
-85°	35.7	35.9	35.8	35.4	34.7	33.3	31.6	29.5	27.3	26.9	26.5
-87.5°	7.9	7.7	7.5	7.3	7.0	7.0	6.9	6.8	6.8	7.0	7.2
-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):

	-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	0.1
85°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.3	0.0	0.3	0.6	0.6	0.6	0.6	0.6	0.6
67.5°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.6
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.7	0.7
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.2
60°	2.3	1.5	1.3	1.3	1.3	1.5	2.3	3.0	3.4	3.7	3.6
57.5°	14.1	10.5	9.0	8.3	9.0	10.5	14.1	16.7	18.0	54.7	66.4
55°	345.2	362.7	375.9	382.0	375.9	362.7	345.2	314.9	272.6	255.8	260.9
52.5°	479.3	486.9	491.3	491.2	491.3	486.9	479.3	471.1	461.7	446.0	431.3
50°	534.2	537.9	539.2	538.4	539.2	537.9	534.2	528.4	525.1	517.9	491.7
47.5°	789.1	720.8	670.6	658.5	670.6	720.8	789.1	820.0	786.2	717.3	639.3
45°	1123.8	1149.7	1175.5	1183.5	1175.5	1149.7	1123.8	1112.0	1087.5	1057.6	1026.6
42.5°	1239.7	1248.2	1253.0	1253.2	1253.0	1248.2	1239.7	1228.7	1202.7	1170.0	1129.8
40°	1295.1	1303.1	1307.7	1308.1	1307.7	1303.1	1295.1	1284.1	1264.6	1235.9	1199.1
37.5°	1345.4	1352.1	1356.6	1361.1	1356.6	1352.1	1345.4	1342.2	1339.6	1310.5	1288.5
35°	1572.4	1521.0	1447.0	1458.2	1447.0	1521.0	1572.4	1578.4	1534.4	1452.6	1491.9
32.5°	1962.8	1984.4	1997.9	2020.9	1997.9	1984.4	1962.8	1942.9	1955.6	1910.9	1814.6
30°	2142.9	2150.1	2160.9	2172.3	2160.9	2150.1	2142.9	2137.2	2133.6	2081.5	2023.4
27.5°	2187.9	2195.3	2201.9	2206.8	2201.9	2195.3	2187.9	2183.6	2175.6	2143.0	2093.6
25°	2211.4	2216.0	2223.0	2229.1	2223.0	2216.0	2211.4	2210.5	2204.0	2183.9	2144.2
22.5°	2223.1	2223.6	2229.0	2236.8	2229.0	2223.6	2223.1	2224.9	2221.7	2212.9	2169.8
20°	2231.1	2226.8	2232.4	2237.4	2232.4	2226.8	2231.1	2234.0	2233.1	2233.3	2197.4
17.5°	2333.2	2274.9	2251.0	2251.5	2251.0	2274.9	2333.2	2275.1	2316.3	2335.3	2325.8
15°	2662.6	2684.5	2768.3	2813.6	2768.3	2684.5	2662.6	2725.4	2669.4	2682.4	2632.8
12.5°	2875.2	2867.4	2857.5	2871.0	2857.5	2867.4	2875.2	2877.2	2888.2	2894.1	2879.1
10°	2885.1	2884.2	2866.4	2885.7	2866.4	2884.2	2885.1	2891.0	2905.0	2914.9	2897.8
7.5°	2879.0	2879.5	2872.0	2890.8	2872.0	2879.5	2879.0	2894.8	2904.4	2910.2	2892.7
5°	2883.0	2870.0	2875.0	2885.7	2875.0	2870.0	2883.0	2884.5	2893.9	2900.8	2890.5
2.5°	2871.9	2870.5	2860.9	2868.5	2860.9	2870.5	2871.9	2877.9	2883.3	2886.4	2886.5
0°	2863.4	2856.3	2856.3	2862.7	2856.3	2856.3	2863.4	2874.2	2883.8	2892.1	2895.3
-2.5°	2878.5	2877.0	2876.1	2871.7	2876.1	2877.0	2878.5	2883.3	2888.1	2892.2	2893.7
-5°	2890.9	2887.1	2876.6	2890.8	2876.6	2887.1	2890.9	2896.2	2904.2	2909.9	2908.3
-7.5°	2904.3	2894.5	2884.7	2906.8	2884.7	2894.5	2904.3	2908.5	2918.0	2925.6	2924.9
-10°	2916.4	2902.4	2892.7	2914.5	2892.7	2902.4	2916.4	2926.3	2934.4	2941.6	2942.9
-12.5°	2932.5	2916.2	2909.7	2921.5	2909.7	2916.2	2932.5	2943.9	2952.8	2958.1	2956.0
-15°	2949.8	2938.4	2936.9	2943.8	2936.9	2938.4	2949.8	2961.6	2968.6	2973.0	2965.1
-17.5°	2964.9	2956.9	2960.8	2968.8	2960.8	2956.9	2964.9	2974.6	2980.3	2982.1	2971.3
-20°	2972.1	2967.6	2972.0	2991.8	2972.0	2967.6	2972.1	2978.3	2982.2	2981.2	2965.5



REPORT NUMBER: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-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°	2971.5	2971.7	2979.5	2986.0	2979.5	2971.7	2971.5	2974.8	2974.5	2969.6	2943.3
-25°	2960.1	2966.1	2975.1	2987.9	2975.1	2966.1	2960.1	2959.8	2955.9	2943.2	2916.5
-27.5°	2932.8	2942.7	2952.1	2965.6	2952.1	2942.7	2932.8	2928.9	2921.9	2904.4	2882.8
-30°	2893.2	2905.0	2913.4	2927.9	2913.4	2905.0	2893.2	2886.0	2875.1	2855.1	2822.4
-32.5°	2845.1	2858.5	2868.4	2878.7	2868.4	2858.5	2845.1	2834.1	2822.4	2799.3	2754.3
-35°	2785.0	2799.4	2809.9	2819.3	2809.9	2799.4	2785.0	2770.5	2755.9	2736.1	2684.7
-37.5°	2712.7	2728.2	2740.2	2751.0	2740.2	2728.2	2712.7	2695.4	2679.9	2660.6	2610.8
-40°	2628.5	2644.5	2657.2	2669.2	2657.2	2644.5	2628.5	2608.7	2591.2	2568.7	2525.5
-42.5°	2530.1	2546.1	2559.4	2571.5	2559.4	2546.1	2530.1	2508.9	2487.5	2460.5	2423.1
-45°	2416.4	2432.9	2446.9	2459.7	2446.9	2432.9	2416.4	2394.3	2366.9	2331.7	2287.2
-47.5°	2285.5	2303.2	2315.1	2321.1	2315.1	2303.2	2285.5	2262.0	2230.2	2189.0	2140.1
-50°	2135.4	2153.1	2167.4	2178.0	2167.4	2153.1	2135.4	2112.0	2079.8	2035.1	1983.5
-52.5°	1970.3	1987.1	1999.4	2006.9	1999.4	1987.1	1970.3	1947.5	1916.3	1868.5	1814.0
-55°	1789.4	1807.0	1818.7	1824.2	1818.7	1807.0	1789.4	1765.8	1736.0	1687.3	1633.7
-57.5°	1584.2	1601.0	1613.4	1620.4	1613.4	1601.0	1584.2	1561.4	1532.6	1486.8	1435.2
-60°	1357.3	1372.3	1381.7	1385.4	1381.7	1372.3	1357.3	1336.4	1309.6	1269.3	1221.9
-62.5°	1125.2	1139.3	1148.2	1151.6	1148.2	1139.3	1125.2	1106.2	1082.7	1049.7	1010.1
-65°	895.7	904.5	909.5	910.2	909.5	904.5	895.7	882.3	864.4	839.1	808.3
-67.5°	691.0	697.7	701.8	703.2	701.8	697.7	691.0	681.6	669.8	654.8	636.0
-70°	542.2	546.8	549.5	549.9	549.5	546.8	542.2	535.2	525.8	513.2	497.8
-72.5°	404.3	407.6	406.4	403.7	406.4	407.6	404.3	399.5	393.4	386.3	379.0
-75°	315.3	319.0	317.5	314.9	317.5	319.0	315.3	310.9	305.8	300.1	293.5
-77.5°	252.0	255.3	253.6	251.0	253.6	255.3	252.0	248.0	243.4	238.3	232.3
-80°	179.9	181.9	183.3	184.0	183.3	181.9	179.9	177.4	174.5	171.5	169.1
-82.5°	92.1	89.4	87.7	85.6	87.7	89.4	92.1	94.3	96.0	97.1	97.6
-85°	26.0	25.4	25.8	26.2	25.8	25.4	26.0	26.5	26.9	27.3	29.5
-87.5°	7.5	7.7	7.7	7.7	7.7	7.7	7.5	7.2	7.0	6.8	6.8
-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: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
72.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
70°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7
67.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8
65°	0.8	0.7	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8
62.5°	1.3	1.4	1.4	1.4	1.4	1.8	1.6	1.6	1.5	1.8	2.5
60°	3.1	2.4	3.6	4.0	3.4	5.9	10.0	9.1	2.7	14.5	16.7
57.5°	42.2	35.1	73.5	73.3	30.7	41.4	55.5	36.6	23.9	41.0	54.1
55°	294.8	269.9	234.7	230.9	243.1	184.7	154.4	148.6	116.4	75.6	89.8
52.5°	415.5	390.8	366.8	344.4	326.0	306.3	277.4	246.3	236.3	190.3	146.7
50°	470.2	494.2	470.6	412.7	423.0	395.0	354.3	321.1	328.0	299.8	241.8
47.5°	637.6	666.9	667.7	633.2	594.7	582.9	523.2	419.5	426.5	425.3	363.8
45°	933.5	892.5	907.8	859.3	791.5	754.0	752.0	641.1	538.4	521.7	515.7
42.5°	1095.6	1065.4	1034.0	997.8	937.8	878.0	841.0	778.7	696.1	623.1	597.1
40°	1161.2	1125.9	1096.6	1066.7	1018.3	957.0	927.3	845.4	783.4	720.2	699.1
37.5°	1240.5	1173.4	1199.6	1142.9	1098.1	1083.2	1060.1	974.9	837.4	825.8	815.2
35°	1417.4	1354.7	1415.0	1404.3	1225.8	1245.6	1261.0	1156.3	1012.3	934.2	935.9
32.5°	1821.0	1676.6	1632.5	1686.5	1592.7	1436.8	1439.1	1407.2	1210.7	1097.1	1047.3
30°	1967.2	1903.0	1833.5	1824.2	1754.3	1664.2	1606.9	1530.3	1387.2	1257.6	1172.3
27.5°	2030.3	1972.0	1913.5	1868.4	1827.9	1766.8	1692.1	1602.0	1500.3	1384.1	1301.3
25°	2075.3	2010.1	1959.6	1909.8	1866.2	1819.9	1743.6	1655.9	1561.0	1467.3	1378.4
22.5°	2111.5	2050.7	1996.4	1942.7	1907.4	1857.6	1789.0	1698.5	1634.7	1575.2	1459.7
20°	2151.0	2092.4	2031.2	2033.8	1981.8	1898.6	1832.7	1787.7	1778.9	1711.9	1562.8
17.5°	2322.7	2161.7	2191.6	2248.3	2133.7	1982.7	1959.2	1961.8	1934.1	1871.8	1686.3
15°	2690.5	2457.9	2460.0	2499.1	2374.8	2189.3	2146.5	2141.3	2097.7	2028.8	1816.7
12.5°	2806.3	2728.6	2714.4	2656.2	2534.2	2395.6	2344.9	2317.4	2237.5	2104.2	1910.6
10°	2845.5	2800.5	2740.7	2682.0	2608.0	2552.3	2480.1	2380.2	2266.7	2138.1	1980.5
7.5°	2850.1	2803.4	2755.3	2699.4	2634.4	2569.1	2497.7	2398.4	2288.6	2162.5	2029.8
5°	2847.4	2800.8	2756.2	2702.8	2636.9	2573.5	2508.9	2410.7	2303.5	2178.5	2062.2
2.5°	2840.5	2793.3	2750.8	2702.4	2636.7	2575.6	2515.8	2423.8	2314.1	2191.6	2073.0
0°	2850.6	2804.0	2763.7	2709.4	2650.0	2579.1	2519.1	2437.3	2319.2	2200.4	2077.1
-2.5°	2854.9	2806.7	2769.9	2708.7	2659.5	2587.1	2526.3	2447.3	2328.9	2215.8	2087.0
-5°	2878.0	2830.1	2781.9	2720.6	2668.8	2601.1	2532.7	2451.4	2336.1	2224.1	2091.5
-7.5°	2893.1	2844.6	2788.5	2729.0	2677.0	2612.4	2536.6	2451.7	2342.7	2224.0	2093.6
-10°	2902.6	2851.9	2796.5	2735.6	2681.8	2615.4	2535.3	2449.6	2341.4	2218.8	2088.9
-12.5°	2915.9	2858.8	2801.8	2732.6	2678.7	2610.5	2530.5	2444.7	2331.3	2209.1	2076.9
-15°	2920.9	2862.2	2795.6	2727.8	2669.0	2602.5	2520.0	2430.2	2313.8	2194.1	2057.4
-17.5°	2923.0	2856.2	2785.2	2720.2	2656.7	2586.3	2499.1	2403.7	2291.4	2167.7	2031.7
-20°	2921.3	2843.6	2770.5	2699.7	2633.2	2561.7	2471.8	2377.3	2259.3	2133.5	1998.3



REPORT NUMBER: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-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°	2891.5	2821.2	2747.1	2670.3	2605.0	2529.2	2441.2	2343.3	2217.6	2095.9	1955.8
-25°	2858.7	2787.6	2711.2	2639.8	2570.2	2494.8	2404.4	2293.5	2174.0	2047.4	1904.2
-27.5°	2819.9	2745.2	2666.3	2593.6	2520.0	2445.9	2352.4	2240.6	2125.6	1987.2	1848.3
-30°	2767.6	2690.5	2610.0	2526.8	2459.6	2384.0	2291.5	2183.0	2059.5	1922.8	1790.6
-32.5°	2696.5	2623.9	2543.4	2464.4	2394.2	2314.8	2221.5	2113.8	1984.1	1854.9	1717.3
-35°	2624.2	2549.0	2472.3	2397.9	2323.9	2240.8	2145.6	2028.3	1904.4	1776.4	1633.6
-37.5°	2541.7	2463.4	2391.3	2320.5	2244.3	2159.1	2054.0	1940.7	1819.9	1679.1	1543.2
-40°	2453.0	2377.6	2298.8	2228.9	2147.6	2061.7	1960.1	1850.0	1717.1	1578.0	1450.3
-42.5°	2347.8	2272.4	2191.3	2113.5	2034.5	1952.8	1861.0	1741.8	1610.2	1479.0	1346.3
-45°	2220.6	2145.2	2065.5	1985.3	1911.4	1832.0	1746.6	1619.5	1489.5	1364.4	1237.1
-47.5°	2077.6	2004.5	1927.6	1848.1	1777.7	1698.0	1594.0	1475.9	1360.8	1241.7	1111.4
-50°	1922.2	1852.7	1781.6	1707.8	1628.8	1538.9	1439.1	1336.0	1222.0	1099.8	980.8
-52.5°	1752.5	1688.8	1621.7	1550.7	1469.2	1380.0	1286.5	1177.0	1063.3	959.6	851.3
-55°	1575.3	1512.5	1446.1	1375.3	1299.2	1211.0	1114.1	1014.5	921.7	825.7	743.1
-57.5°	1379.3	1319.7	1256.5	1189.6	1119.4	1037.3	952.3	867.8	794.3	719.8	644.8
-60°	1169.7	1114.1	1060.4	1001.1	936.2	865.6	803.6	741.3	678.9	619.4	559.0
-62.5°	966.8	920.3	872.0	823.9	774.5	723.5	672.2	624.1	574.9	524.4	480.0
-65°	775.0	739.6	701.5	668.2	633.2	596.3	555.1	517.3	481.6	444.6	406.8
-67.5°	614.0	588.7	561.8	535.5	511.6	486.1	457.1	426.6	398.2	370.9	343.0
-70°	481.7	464.9	447.4	428.3	409.2	390.0	368.6	346.2	323.4	302.9	283.3
-72.5°	369.7	358.2	344.9	331.1	316.4	303.2	288.7	273.5	258.1	242.5	227.7
-75°	286.1	277.7	268.6	258.3	245.8	231.0	220.0	212.7	203.4	192.1	179.7
-77.5°	226.3	220.2	213.7	204.8	195.7	186.3	177.0	167.9	158.8	150.2	142.4
-80°	166.5	163.6	160.0	152.7	145.4	138.1	131.2	125.6	120.3	114.5	107.3
-82.5°	97.7	97.4	96.4	92.3	88.2	84.2	80.2	76.3	72.1	67.7	63.3
-85°	31.6	33.3	34.7	35.4	35.8	35.9	35.7	34.7	33.5	32.1	30.6
-87.5°	6.9	7.0	7.0	7.3	7.5	7.7	7.9	8.3	8.6	8.9	9.1
-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: P645369 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-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°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.7	0.7
82.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.0
80°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.1
77.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.2
75°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.2
72.5°	0.6	0.6	0.6	0.7	0.8	0.8	0.7	0.7	0.8	1.0	1.2
70°	0.7	0.6	0.6	0.7	0.9	1.0	1.0	1.0	0.9	1.0	1.2
67.5°	0.9	1.0	0.9	0.9	0.9	1.1	1.3	1.4	1.4	1.1	1.2
65°	1.0	1.1	1.4	1.8	1.6	1.1	1.3	2.5	2.0	1.7	1.2
62.5°	2.1	1.2	4.1	5.4	3.0	2.4	1.9	5.6	3.5	2.4	1.7
60°	5.0	4.1	11.3	18.0	12.6	4.2	6.2	9.7	8.9	3.1	2.4
57.5°	46.9	16.1	23.4	33.8	33.2	18.0	13.1	17.5	15.1	8.7	3.4
55°	100.0	84.1	55.6	50.9	55.0	44.4	28.8	28.3	23.3	16.1	5.5
52.5°	137.2	143.1	124.6	87.0	75.8	72.2	56.4	41.1	36.5	24.2	14.0
50°	198.6	184.9	183.0	153.7	106.3	96.2	83.3	64.2	51.2	34.6	23.6
47.5°	280.6	246.4	228.3	215.1	169.6	122.6	109.2	87.8	67.4	49.8	33.8
45°	400.9	318.5	283.6	262.1	232.4	172.5	136.7	110.7	87.9	66.9	44.3
42.5°	521.8	411.9	346.6	312.0	281.1	228.8	166.1	137.1	107.8	84.2	57.8
40°	628.5	508.1	412.9	368.4	328.9	283.2	213.7	165.5	127.3	102.1	73.0
37.5°	756.9	617.6	489.1	427.4	379.8	328.6	261.9	195.0	150.8	120.9	88.3
35°	881.2	759.4	574.4	498.8	436.4	375.2	308.4	230.0	179.7	139.9	103.6
32.5°	1014.6	892.8	703.2	578.5	495.1	422.7	351.9	272.4	208.7	159.2	118.9
30°	1119.6	980.6	816.3	658.2	558.9	475.8	395.3	313.2	237.8	178.7	134.2
27.5°	1175.3	1056.5	905.5	747.1	630.7	530.3	440.0	352.1	266.8	200.1	150.3
25°	1232.9	1110.0	969.3	824.8	701.6	587.9	484.5	389.2	298.5	224.2	166.1
22.5°	1301.8	1155.5	1023.0	886.4	774.8	646.3	531.2	426.8	330.2	247.9	181.7
20°	1371.0	1197.8	1076.1	970.2	846.5	709.5	580.0	463.5	360.1	270.9	197.0
17.5°	1443.6	1274.5	1166.2	1052.0	918.1	770.8	628.1	499.0	388.2	293.2	211.8
15°	1569.9	1389.4	1257.0	1131.5	989.3	829.7	675.0	533.1	414.4	314.6	225.6
12.5°	1684.7	1496.3	1347.8	1208.5	1059.3	885.9	720.2	565.5	438.6	331.7	237.9
10°	1779.6	1595.5	1437.6	1282.3	1127.2	939.0	763.4	592.0	453.1	344.5	249.2
7.5°	1857.3	1687.2	1525.1	1352.6	1185.6	973.7	785.2	607.4	464.4	355.3	259.5
5°	1913.5	1748.3	1571.6	1377.1	1203.9	987.9	800.0	620.0	473.5	364.4	268.8
2.5°	1929.7	1767.1	1589.1	1390.5	1216.2	997.1	810.5	629.6	480.5	371.7	277.0
0°	1939.1	1779.5	1600.0	1398.8	1222.5	1001.5	816.9	636.2	485.4	377.5	284.2
-2.5°	1952.3	1790.2	1610.6	1420.0	1226.7	1014.9	820.5	640.5	491.7	379.6	288.4
-5°	1958.9	1794.3	1615.6	1434.3	1225.6	1022.9	820.1	641.9	495.8	380.3	291.4
-7.5°	1956.0	1792.9	1615.9	1438.7	1220.1	1024.7	815.6	640.4	497.4	379.7	293.4
-10°	1947.2	1785.6	1609.6	1427.2	1215.0	1017.5	807.7	636.4	496.5	378.1	294.1
-12.5°	1933.8	1772.0	1597.0	1410.6	1204.3	1002.6	798.3	629.4	492.5	375.5	293.6
-15°	1916.4	1752.3	1577.9	1389.4	1186.8	982.7	784.3	619.2	484.6	372.5	291.9
-17.5°	1894.0	1726.5	1552.0	1364.4	1162.2	958.1	765.4	606.0	474.9	368.9	288.3
-20°	1854.2	1691.8	1519.3	1335.9	1130.2	928.9	741.6	589.8	463.2	363.7	283.3



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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°	1809.4	1649.0	1478.3	1297.4	1091.7	895.4	712.8	570.5	449.8	357.0	277.3
-25°	1761.6	1600.8	1430.8	1244.3	1049.1	860.0	684.0	548.1	434.7	348.7	270.3
-27.5°	1705.5	1546.1	1377.0	1185.7	999.7	818.9	656.4	528.3	420.1	338.8	262.4
-30°	1642.5	1481.9	1309.6	1123.2	945.6	771.3	625.4	507.1	407.7	328.0	253.5
-32.5°	1570.2	1411.1	1235.1	1059.3	888.3	720.8	591.3	484.5	393.5	316.6	245.3
-35°	1487.9	1328.7	1156.0	990.6	827.7	680.1	557.8	460.5	377.3	304.2	236.6
-37.5°	1402.2	1240.3	1076.9	918.8	763.2	636.0	527.8	436.8	359.2	290.9	227.1
-40°	1304.3	1149.3	993.9	844.9	707.4	588.6	495.3	413.4	342.1	276.8	216.6
-42.5°	1203.5	1053.9	907.4	766.7	652.4	550.0	461.2	388.2	324.1	263.1	205.3
-45°	1094.8	953.1	815.4	700.9	596.4	509.2	431.4	362.1	304.8	249.1	193.6
-47.5°	980.2	846.9	731.7	632.3	548.8	468.1	399.7	339.5	284.7	234.1	181.8
-50°	858.7	748.0	654.7	572.6	497.4	431.2	368.1	315.8	266.1	217.6	169.5
-52.5°	751.1	662.5	585.2	514.9	452.2	392.3	340.9	291.6	247.0	201.7	156.7
-55°	658.9	586.2	521.0	462.5	407.3	359.0	312.6	270.0	227.4	185.9	143.7
-57.5°	579.3	515.8	463.6	412.7	367.1	326.0	286.9	248.0	208.6	169.4	133.3
-60°	502.8	455.3	408.9	368.1	329.5	294.5	262.6	226.0	189.6	153.0	121.9
-62.5°	436.7	396.2	361.1	325.5	293.4	265.0	238.1	204.5	170.1	137.8	109.5
-65°	374.8	343.7	313.8	285.4	258.8	234.6	212.9	182.4	150.5	121.7	96.6
-67.5°	315.9	292.5	269.0	245.2	224.3	204.7	186.1	158.6	130.1	104.7	83.8
-70°	263.4	243.4	225.0	207.3	190.3	174.0	156.5	133.2	108.7	89.5	70.7
-72.5°	213.8	199.2	183.9	169.4	156.8	142.5	126.3	108.2	91.0	74.0	57.3
-75°	167.9	158.3	147.5	135.9	124.2	111.4	100.7	88.1	73.1	58.3	46.2
-77.5°	134.3	124.9	114.1	104.9	97.1	88.3	78.6	67.6	55.7	45.3	35.7
-80°	99.1	91.9	85.8	80.4	73.2	65.2	57.2	49.2	40.5	32.4	25.0
-82.5°	60.4	58.9	57.2	54.7	48.6	42.7	36.9	31.2	25.1	19.4	16.0
-85°	30.2	29.6	28.7	27.4	23.7	20.1	18.4	16.7	14.6	12.6	10.7
-87.5°	9.9	10.7	11.3	11.7	10.9	10.0	9.2	8.4	7.3	6.3	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.3	1.1	0.9	0.7	0.5	0.3	0.0
77.5°	1.3	1.3	1.1	0.8	0.6	0.3	0.0
75°	1.3	1.3	1.3	1.0	0.7	0.4	0.0
72.5°	1.3	1.4	1.4	1.2	0.8	0.5	0.0
70°	1.4	1.4	1.4	1.3	0.9	0.6	0.0
67.5°	1.5	1.5	1.5	1.4	1.0	0.6	0.0
65°	1.7	1.7	1.5	1.4	1.1	0.7	0.0
62.5°	2.0	2.1	1.6	1.5	1.3	0.8	0.0
60°	2.4	2.6	1.7	1.6	1.4	0.8	0.0
57.5°	4.4	3.1	2.2	1.6	1.4	0.9	0.0
55°	7.0	3.6	2.7	1.7	1.5	0.9	0.0
52.5°	10.0	4.6	3.3	1.7	1.6	1.0	0.0
50°	13.4	7.9	3.8	1.8	1.7	1.1	0.0
47.5°	18.1	11.4	4.4	2.0	1.7	1.1	0.0
45°	27.3	15.2	5.1	2.5	1.8	1.2	0.0
42.5°	36.8	19.2	5.7	3.0	1.9	1.3	0.0
40°	46.4	23.5	7.7	3.6	2.0	1.3	0.0
37.5°	56.3	28.0	11.1	4.3	2.0	1.4	0.0
35°	66.3	34.8	14.4	5.2	2.1	1.4	0.0
32.5°	77.1	42.6	17.9	6.1	2.2	1.5	0.0
30°	89.5	50.5	21.3	7.1	2.3	1.5	0.0
27.5°	101.6	58.2	25.6	8.2	2.4	1.6	0.0
25°	113.4	65.8	30.0	9.4	2.5	1.6	0.0
22.5°	124.9	73.5	34.3	10.6	2.5	1.6	0.0
20°	136.0	81.9	38.6	11.8	2.6	1.7	0.0
17.5°	147.0	89.9	42.9	13.0	2.7	1.7	0.0
15°	157.6	97.6	47.0	14.3	2.8	1.8	0.0
12.5°	167.5	105.0	51.0	15.5	2.9	1.8	0.0
10°	176.7	112.0	54.9	16.7	2.9	1.8	0.0
7.5°	185.1	118.5	58.5	17.9	3.0	1.8	0.0
5°	192.8	124.5	61.8	19.1	3.1	1.9	0.0
2.5°	199.6	129.9	64.9	20.1	3.1	1.9	0.0
0°	205.7	134.8	67.7	21.1	3.2	1.9	0.0
-2.5°	208.7	137.9	70.3	22.5	3.7	2.0	0.0
-5°	210.9	140.3	72.5	23.7	4.2	2.1	0.0
-7.5°	212.3	142.0	74.3	24.9	4.7	2.2	0.0
-10°	212.9	143.1	75.6	25.8	5.1	2.3	0.0
-12.5°	212.8	143.6	76.5	26.7	5.6	2.4	0.0
-15°	212.0	143.4	77.0	27.3	6.0	2.5	0.0
-17.5°	210.4	142.5	76.9	27.8	6.4	2.5	0.0
-20°	208.0	141.0	76.3	28.1	6.7	2.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	204.5	138.8	75.3	28.2	7.0	2.7	0.0
-25°	200.2	135.5	73.7	28.0	7.3	2.7	0.0
-27.5°	195.1	131.3	71.5	27.7	7.6	2.7	0.0
-30°	189.3	126.6	68.8	27.1	7.8	2.7	0.0
-32.5°	182.6	121.3	65.7	26.3	7.9	2.8	0.0
-35°	175.4	115.5	62.2	25.3	8.0	2.8	0.0
-37.5°	167.6	109.6	58.4	24.0	8.1	2.7	0.0
-40°	159.2	104.3	54.2	22.5	8.1	2.7	0.0
-42.5°	150.3	98.6	51.1	20.9	8.0	2.7	0.0
-45°	140.8	92.5	48.9	19.3	7.9	2.6	0.0
-47.5°	130.7	86.1	46.3	17.4	7.8	2.6	0.0
-50°	122.3	79.3	43.4	16.8	7.6	2.5	0.0
-52.5°	114.0	72.3	40.1	16.4	7.3	2.4	0.0
-55°	105.2	66.9	36.4	15.9	7.0	2.3	0.0
-57.5°	96.2	61.5	32.4	15.2	6.7	2.2	0.0
-60°	87.0	55.5	28.2	14.4	6.3	2.1	0.0
-62.5°	78.6	49.1	26.2	13.3	5.9	1.9	0.0
-65°	69.6	42.2	23.9	12.2	5.5	1.8	0.0
-67.5°	60.0	36.5	21.3	10.8	5.1	1.6	0.0
-70°	49.9	31.9	18.6	9.4	4.6	1.5	0.0
-72.5°	42.2	27.0	15.6	8.3	4.1	1.3	0.0
-75°	34.5	21.8	12.4	7.2	3.5	1.1	0.0
-77.5°	26.4	16.4	10.2	6.1	3.0	0.9	0.0
-80°	18.0	12.5	8.3	4.9	2.4	0.8	0.0
-82.5°	13.2	9.4	6.2	3.7	1.8	0.6	0.0
-85°	8.9	6.3	4.2	2.5	1.2	0.4	0.0
-87.5°	4.4	3.2	2.1	1.2	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)