

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2C-927-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

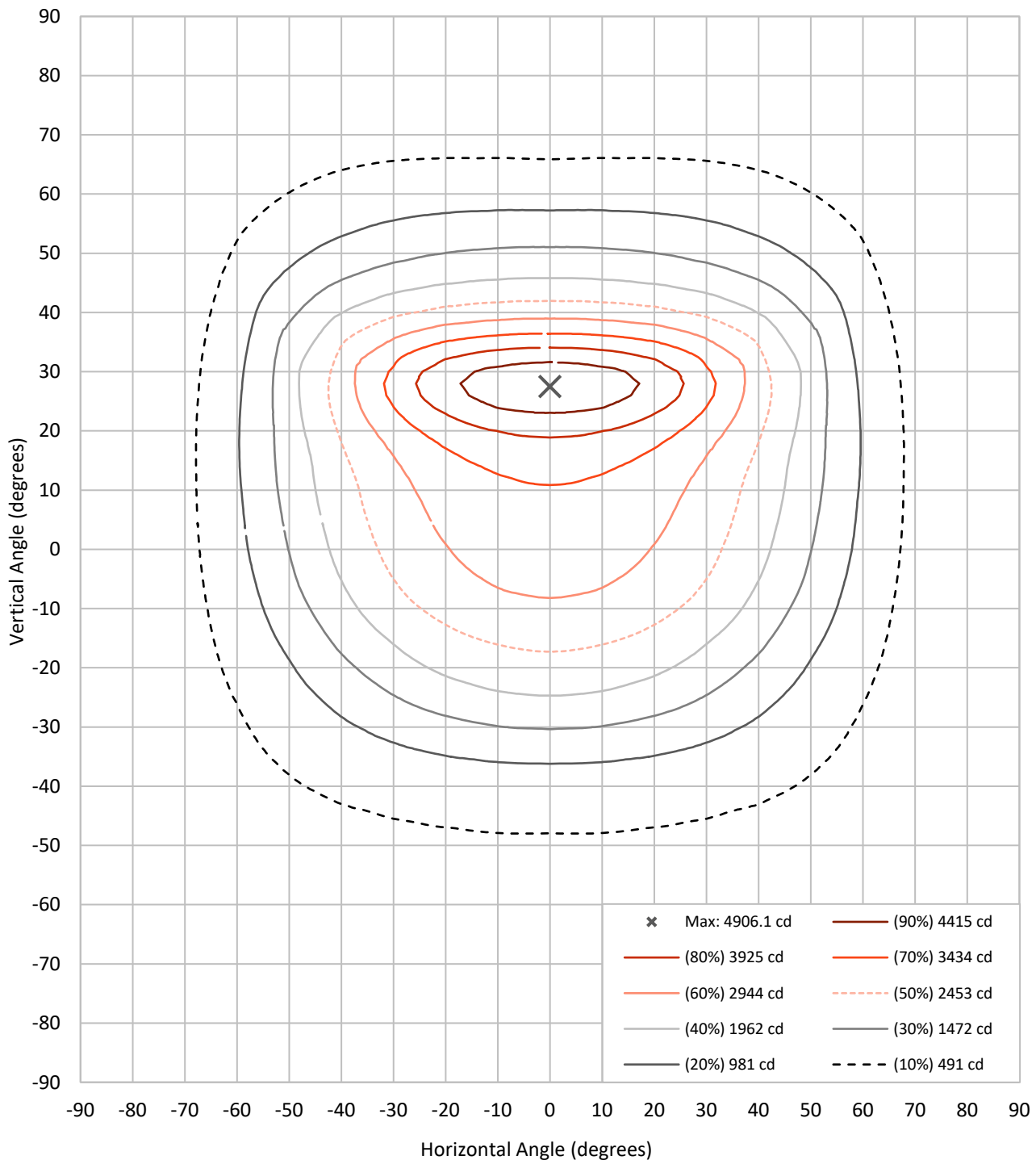
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	7152.3 lumens	Max Intensity:	4906.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	86.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	3717.1 lumens	Field Lumens:	6616.5 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	83		
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		



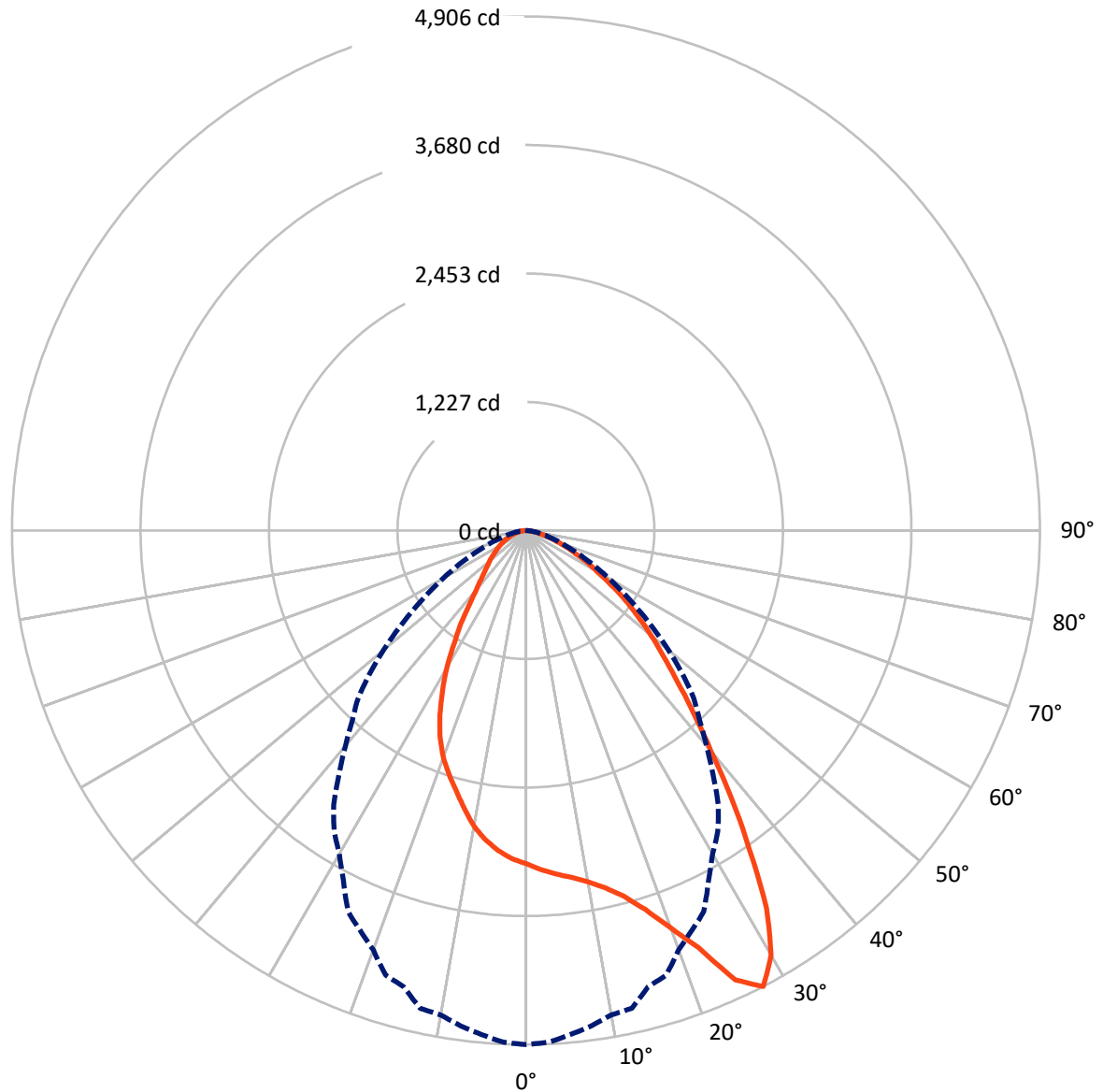
REPORT NUMBER: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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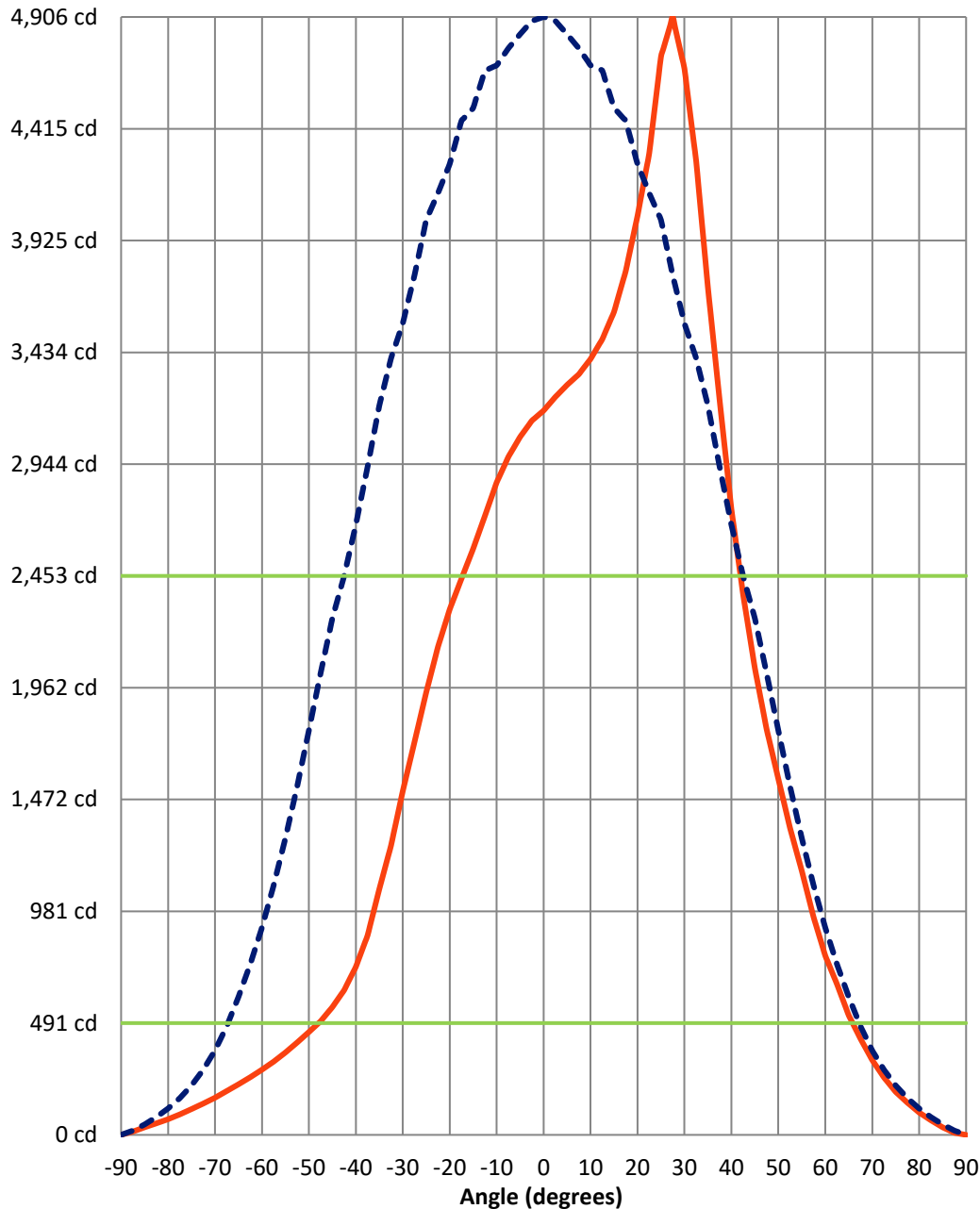
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 3717.1
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 6616.5
 Efficiency: 92.5%

Spill:
 Lumens: 535.8
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-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	0.9	1.9	2.8	3.7	4.6	5.5	6.3	7.1	7.9	8.6
85°	0.0	1.9	3.8	5.7	7.5	9.2	10.9	12.6	14.2	15.7	17.2
82.5°	0.0	2.8	5.7	8.5	11.2	13.8	16.3	18.8	21.7	26.4	31.4
80°	0.0	3.7	7.6	11.3	14.9	18.4	22.2	28.4	34.9	41.7	48.7
77.5°	0.0	4.6	9.5	14.1	18.5	24.0	31.6	39.6	48.0	56.8	66.9
75°	0.0	5.6	11.3	16.8	22.6	31.4	40.8	50.7	61.3	74.7	88.5
72.5°	0.0	6.5	13.1	19.5	28.3	38.8	49.9	62.5	77.8	93.6	109.7
70°	0.0	7.3	14.9	22.5	33.9	46.0	59.2	76.4	94.0	112.1	133.3
67.5°	0.0	8.2	16.7	26.5	39.4	53.1	70.5	90.0	109.9	133.4	157.1
65°	0.0	9.1	18.4	30.4	44.7	60.9	81.5	103.3	128.3	154.2	181.8
62.5°	0.0	9.9	20.1	34.2	49.9	69.5	92.2	118.1	146.2	175.3	209.0
60°	0.0	10.7	21.8	37.9	55.0	77.7	102.4	133.3	163.7	198.6	235.3
57.5°	0.0	11.5	24.1	41.5	61.1	85.6	114.0	147.9	182.7	221.0	265.4
55°	0.0	12.3	26.4	45.0	67.0	93.2	125.3	161.5	201.5	243.6	296.1
52.5°	0.0	13.0	28.6	48.3	72.6	100.7	135.9	175.9	219.5	269.0	325.1
50°	0.0	13.8	30.7	51.5	78.0	108.8	146.0	189.6	237.6	292.8	359.8
47.5°	0.0	14.5	32.7	54.8	83.1	116.5	155.5	202.4	257.0	315.0	392.8
45°	0.0	15.1	34.7	58.3	87.9	123.7	165.5	214.2	273.8	341.8	423.3
42.5°	0.0	15.8	36.6	61.7	92.3	130.3	174.7	226.5	289.3	366.5	457.5
40°	0.0	16.4	38.3	64.9	96.9	136.4	183.1	238.9	304.9	388.8	489.6
37.5°	0.0	16.9	40.0	67.9	101.4	141.9	190.7	250.1	321.7	409.1	518.3
35°	0.0	17.5	41.6	70.8	105.6	147.5	197.4	260.2	336.5	430.7	545.4
32.5°	0.0	18.0	43.1	73.4	109.3	152.6	203.9	269.1	349.4	449.2	569.6
30°	0.0	18.4	44.4	75.8	112.6	157.2	210.9	277.4	360.2	464.6	589.6
27.5°	0.0	18.9	45.7	78.1	115.8	161.1	216.9	286.0	370.2	476.8	605.5
25°	0.0	19.3	46.9	80.1	118.6	164.4	222.0	293.0	380.0	488.1	617.4
22.5°	0.0	19.6	47.9	81.9	121.0	167.3	226.1	298.5	387.3	497.3	627.6
20°	0.0	20.0	48.8	83.5	123.0	170.2	229.3	302.4	392.3	503.2	634.2
17.5°	0.0	20.2	49.7	84.8	124.6	172.5	232.2	304.9	395.1	506.0	637.2
15°	0.0	20.5	50.4	86.0	125.9	174.4	234.5	306.6	395.6	505.8	636.8
12.5°	0.0	20.7	50.9	86.9	126.7	175.7	236.0	307.9	395.6	502.8	633.0
10°	0.0	20.8	51.4	87.6	127.3	176.6	236.5	307.9	395.0	501.3	627.3
7.5°	0.0	21.0	51.8	88.1	127.4	177.0	236.3	306.9	392.6	498.1	620.9
5°	0.0	21.1	52.0	88.4	127.3	176.8	235.2	304.7	388.7	492.8	611.3
2.5°	0.0	21.1	52.1	88.4	126.8	176.2	233.4	301.5	383.4	485.4	599.0
0°	0.0	21.1	52.1	88.3	126.0	175.1	230.9	297.3	376.6	476.2	584.1
-2.5°	0.0	21.1	52.0	87.9	125.4	173.4	228.3	292.9	369.9	465.9	569.1
-5°	0.0	21.1	51.7	87.3	124.5	171.3	225.0	287.7	362.1	454.1	552.2
-7.5°	0.0	21.1	51.4	86.5	123.3	168.8	221.1	281.7	353.2	440.7	533.6
-10°	0.0	21.0	50.9	85.5	121.8	165.9	216.7	274.9	343.3	426.0	513.6
-12.5°	0.0	20.8	50.3	84.3	120.1	162.7	211.7	267.5	332.5	410.4	493.9
-15°	0.0	20.7	49.7	82.9	118.1	159.1	206.3	259.5	321.5	395.0	473.8
-17.5°	0.0	20.5	48.9	81.4	115.8	155.1	200.3	251.5	310.4	378.8	452.6
-20°	0.0	20.2	48.0	79.7	113.3	151.0	194.1	243.3	298.7	361.8	430.6



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 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.9	47.0	77.8	110.5	146.5	187.9	234.6	286.6	344.3	407.9
-25°	0.0	19.6	45.9	75.7	107.5	142.1	181.4	225.4	274.0	326.3	384.7
-27.5°	0.0	19.2	44.8	73.6	104.2	137.5	174.5	215.7	261.0	308.9	362.7
-30°	0.0	18.8	43.5	71.2	100.7	132.6	167.3	205.5	248.5	293.0	340.7
-32.5°	0.0	18.3	42.2	68.7	97.1	127.4	159.8	196.1	236.0	277.0	318.9
-35°	0.0	17.8	40.8	66.1	93.3	121.9	152.8	186.7	223.2	261.0	297.3
-37.5°	0.0	17.3	39.3	63.4	89.4	116.5	145.8	177.1	210.0	245.1	279.4
-40°	0.0	16.7	37.8	60.5	85.2	111.2	138.7	167.4	196.5	229.6	262.4
-42.5°	0.0	16.1	36.1	57.5	81.1	105.8	131.2	157.5	184.4	214.6	245.2
-45°	0.0	15.5	34.4	54.4	77.0	100.2	123.6	148.0	173.0	199.6	227.8
-47.5°	0.0	14.8	32.7	51.3	72.7	94.4	115.7	138.9	161.6	184.6	211.2
-50°	0.0	14.1	30.9	48.4	68.3	88.5	108.6	129.5	150.4	172.0	194.7
-52.5°	0.0	13.4	29.0	45.6	63.8	82.5	101.4	120.0	139.5	159.2	178.5
-55°	0.0	12.6	27.1	42.7	59.2	76.6	94.1	110.5	128.6	146.2	164.1
-57.5°	0.0	11.9	25.1	39.7	54.4	70.7	86.7	102.1	117.6	133.7	149.6
-60°	0.0	11.0	23.1	36.7	49.5	64.7	79.3	93.5	106.7	121.3	135.2
-62.5°	0.0	10.2	21.3	33.6	45.4	58.5	72.0	84.9	96.9	108.8	121.6
-65°	0.0	9.4	19.6	30.4	41.2	52.3	64.6	76.1	87.0	97.4	107.8
-67.5°	0.0	8.5	17.8	27.2	37.0	46.5	57.1	67.5	77.0	86.4	95.1
-70°	0.0	7.6	15.9	23.9	32.7	41.1	49.5	58.9	67.4	75.2	83.0
-72.5°	0.0	6.7	14.0	20.9	28.3	35.7	42.9	50.2	57.8	64.8	71.0
-75°	0.0	5.7	12.1	18.0	23.8	30.3	36.5	42.4	48.2	54.4	59.9
-77.5°	0.0	4.8	10.1	15.0	19.8	24.8	30.0	35.0	39.8	44.3	48.8
-80°	0.0	3.9	8.1	12.1	15.9	19.7	23.4	27.6	31.5	35.2	38.6
-82.5°	0.0	2.9	6.1	9.1	12.0	14.8	17.5	20.3	23.2	26.1	28.8
-85°	0.0	1.9	4.1	6.0	8.0	9.9	11.7	13.6	15.4	17.3	19.1
-87.5°	0.0	1.0	2.0	3.0	4.0	4.9	5.8	6.8	7.7	8.6	9.5
-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: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-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°	9.1	9.5	9.8	10.0	10.3	10.7	10.9	11.2	11.4	11.5	11.6
85°	18.2	18.9	21.2	23.3	25.5	27.5	29.3	30.8	32.1	33.2	34.0
82.5°	35.4	39.2	42.8	46.2	49.3	52.0	54.7	57.7	60.1	62.2	63.8
80°	54.3	59.5	65.8	71.7	77.0	81.8	86.2	90.2	93.3	96.4	99.4
77.5°	76.3	84.7	92.5	99.7	106.6	114.7	122.2	129.1	134.4	138.4	141.4
75°	100.0	109.9	121.3	132.5	143.1	152.8	162.2	173.8	183.1	190.2	195.8
72.5°	125.3	139.6	153.4	166.9	182.4	197.5	212.1	226.3	238.7	247.8	255.2
70°	152.6	169.2	188.3	207.7	226.4	245.4	265.5	283.9	299.1	309.9	320.1
67.5°	180.5	203.8	226.5	249.8	276.3	300.4	322.4	345.6	366.1	379.5	391.3
65°	212.7	238.7	269.0	300.0	329.0	359.1	386.9	412.1	437.9	456.7	472.2
62.5°	243.8	280.4	316.2	352.4	388.8	421.5	457.8	490.3	516.3	543.2	566.2
60°	280.7	324.2	368.0	411.6	452.4	498.4	538.3	575.9	610.7	640.7	669.0
57.5°	317.5	373.6	425.5	476.7	530.7	579.9	626.7	668.9	710.5	745.2	779.2
55°	356.2	428.5	488.3	551.6	611.0	666.5	719.2	772.1	816.4	864.1	905.7
52.5°	399.2	481.7	559.1	628.8	695.7	759.7	822.7	886.4	948.5	998.1	1045.1
50°	439.3	537.8	630.8	710.3	787.3	863.3	942.0	1021.6	1090.1	1146.7	1195.6
47.5°	483.6	589.8	708.0	796.0	888.3	982.5	1078.1	1165.9	1240.6	1317.7	1371.7
45°	526.7	642.5	770.7	892.8	999.6	1113.7	1219.0	1315.9	1424.1	1508.2	1580.4
42.5°	566.0	692.4	835.1	990.5	1124.1	1246.5	1360.4	1496.8	1621.1	1719.4	1809.5
40°	606.5	737.8	893.7	1081.2	1248.2	1378.8	1517.5	1668.2	1829.9	1951.0	2058.7
37.5°	643.5	784.2	947.2	1150.5	1370.3	1514.0	1667.3	1830.8	2015.2	2197.4	2326.8
35°	676.2	823.5	1000.4	1206.8	1431.9	1644.9	1807.1	1981.3	2183.1	2419.4	2596.2
32.5°	705.9	855.6	1042.5	1250.7	1479.1	1728.9	1934.7	2113.5	2315.9	2559.8	2860.0
30°	730.1	886.7	1074.0	1282.5	1511.5	1760.3	2021.7	2216.4	2408.6	2647.9	2927.2
27.5°	748.5	909.5	1095.6	1302.3	1528.8	1774.9	2026.2	2266.5	2452.6	2677.8	2931.8
25°	762.6	928.2	1107.0	1309.7	1531.4	1768.5	2010.4	2237.8	2446.6	2645.1	2873.1
22.5°	774.3	941.1	1119.6	1304.7	1519.8	1745.7	1973.2	2190.0	2392.2	2578.0	2774.1
20°	783.0	949.3	1125.9	1309.6	1500.4	1708.7	1926.3	2132.6	2327.9	2507.9	2667.4
17.5°	786.9	951.8	1126.0	1308.7	1497.2	1679.4	1868.8	2067.1	2259.1	2437.9	2595.6
15°	786.2	948.6	1119.8	1301.7	1487.4	1667.9	1842.3	2006.0	2184.7	2365.5	2522.6
12.5°	781.0	940.0	1107.6	1288.7	1471.4	1649.7	1821.1	1985.4	2145.6	2297.0	2447.3
10°	771.5	926.3	1089.7	1269.6	1449.3	1625.1	1794.2	1959.1	2117.6	2266.3	2406.2
7.5°	761.8	911.0	1068.2	1244.7	1421.2	1593.8	1761.5	1926.6	2082.1	2230.5	2371.7
5°	749.0	894.7	1051.7	1220.9	1391.0	1559.4	1723.5	1887.8	2039.2	2188.8	2330.7
2.5°	732.7	874.4	1031.0	1192.0	1357.2	1523.8	1682.3	1843.6	1998.8	2142.7	2282.4
0°	713.2	850.5	1006.0	1157.7	1317.7	1482.2	1634.6	1792.4	1953.9	2089.7	2226.3
-2.5°	691.9	821.8	969.6	1120.5	1275.1	1436.5	1592.7	1742.3	1900.2	2037.5	2177.0
-5°	668.1	790.2	929.3	1078.5	1227.5	1384.8	1544.0	1686.2	1837.0	1972.9	2110.1
-7.5°	642.0	756.0	885.7	1031.4	1173.3	1321.7	1472.4	1609.2	1755.9	1890.2	2023.9
-10°	614.6	722.3	843.4	978.1	1111.9	1250.2	1391.8	1525.8	1666.8	1800.5	1929.1
-12.5°	588.2	689.0	799.7	922.2	1047.1	1174.9	1306.6	1435.9	1569.7	1704.1	1824.3
-15°	560.7	654.1	754.6	864.4	979.4	1096.4	1217.3	1339.7	1465.3	1596.8	1707.8
-17.5°	532.1	617.8	708.7	805.4	909.4	1015.3	1126.5	1244.6	1359.5	1479.3	1586.7
-20°	502.9	580.5	662.3	745.6	838.0	939.6	1043.6	1149.6	1254.0	1358.3	1459.1



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 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	473.3	542.3	616.7	690.1	778.0	869.6	960.9	1053.0	1146.6	1236.4	1331.8
-25°	444.8	506.9	572.6	643.9	719.3	800.1	878.6	956.4	1039.5	1123.6	1205.8
-27.5°	417.2	472.0	534.1	597.7	660.5	732.4	801.0	867.0	939.5	1013.8	1080.1
-30°	389.5	441.6	495.9	552.4	607.7	667.7	727.0	784.9	843.9	907.6	965.1
-32.5°	363.9	411.5	460.9	510.4	557.3	603.8	658.7	710.1	758.4	803.7	853.9
-35°	340.5	384.1	427.1	469.7	508.4	549.3	595.2	638.4	677.3	713.6	752.0
-37.5°	318.4	357.2	393.4	431.5	465.9	500.9	534.7	572.1	603.6	632.7	664.1
-40°	296.3	330.9	363.5	395.4	426.9	456.2	485.0	510.5	535.7	563.7	585.4
-42.5°	274.5	306.7	335.8	360.3	390.0	415.2	437.6	458.7	479.4	501.2	518.5
-45°	255.2	282.6	309.2	332.6	354.9	376.5	395.5	412.0	431.6	446.7	459.8
-47.5°	235.8	259.6	283.9	305.5	324.1	341.6	355.7	372.4	388.4	401.4	409.0
-50°	216.7	238.4	259.0	279.1	296.0	310.1	322.3	336.0	349.3	360.3	367.6
-52.5°	199.0	217.2	236.3	253.4	269.0	281.5	293.2	305.1	314.9	322.4	332.0
-55°	181.6	198.4	214.3	229.7	243.0	254.5	265.9	276.5	284.8	291.4	299.2
-57.5°	165.3	180.4	194.3	207.2	219.1	229.0	240.1	249.1	256.9	263.1	271.2
-60°	149.3	162.8	175.5	186.8	196.6	206.3	215.3	223.6	230.4	236.5	244.0
-62.5°	133.5	145.7	157.1	167.4	176.4	184.5	192.6	199.7	205.3	211.6	217.8
-65°	118.7	128.9	138.9	148.3	156.8	164.5	171.2	176.9	182.3	187.8	192.8
-67.5°	103.9	113.5	121.8	129.3	137.1	144.6	150.8	156.1	160.6	165.1	169.3
-70°	90.6	98.3	105.9	112.7	118.6	124.8	130.8	135.8	139.8	143.4	146.8
-72.5°	77.6	84.4	90.7	96.5	101.9	106.9	111.6	116.1	119.8	122.7	125.1
-75°	65.2	70.5	75.9	81.1	85.4	89.3	93.0	96.6	99.6	102.0	103.9
-77.5°	53.4	57.8	62.0	65.9	69.1	72.1	75.0	77.6	79.9	81.8	83.1
-80°	41.9	45.1	48.5	51.7	54.2	56.2	58.1	59.6	61.3	63.1	64.6
-82.5°	31.2	33.5	35.8	37.9	39.6	41.1	42.4	43.6	44.8	45.9	46.9
-85°	20.5	21.8	23.2	24.5	25.8	27.0	28.0	28.9	29.5	30.1	30.6
-87.5°	10.3	10.9	11.5	12.1	12.7	13.3	13.9	14.4	14.8	15.1	15.3
-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: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

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°	11.7	11.7	11.7	11.7	11.6	11.1	10.6	10.1	9.5	9.8	10.0
85°	34.6	34.7	34.6	34.3	33.7	33.7	33.6	33.3	33.0	33.5	34.0
82.5°	65.1	65.6	65.6	65.3	64.7	65.0	65.1	65.0	64.6	65.0	65.3
80°	101.7	102.7	102.8	102.1	100.7	100.9	101.0	100.7	100.0	100.2	100.2
77.5°	145.0	147.2	148.0	147.7	146.3	145.9	144.9	142.9	140.0	139.9	140.0
75°	200.1	202.4	203.6	203.5	202.1	201.3	200.0	197.7	194.5	194.4	194.4
72.5°	260.9	264.3	265.8	267.2	267.2	266.7	265.0	261.6	256.6	256.0	256.6
70°	328.1	333.7	337.3	340.1	342.3	342.7	341.6	338.9	334.5	333.3	333.0
67.5°	402.9	411.9	418.8	423.3	427.6	430.7	431.9	430.6	427.1	425.9	426.4
65°	486.7	500.7	512.2	520.8	526.6	530.7	534.3	536.4	536.9	538.2	539.8
62.5°	584.7	601.8	617.8	628.7	634.4	638.3	649.8	656.4	658.3	658.7	661.3
60°	694.0	715.7	735.7	751.7	764.7	774.5	784.3	790.8	793.2	793.7	797.2
57.5°	813.7	840.8	864.2	889.1	906.4	916.4	929.5	943.0	950.0	952.1	960.4
55°	946.0	983.1	1013.4	1040.0	1064.2	1085.4	1103.4	1117.4	1127.6	1133.8	1144.8
52.5°	1092.3	1135.9	1167.6	1198.8	1233.5	1258.0	1274.0	1299.7	1318.3	1328.5	1341.6
50°	1252.9	1301.5	1344.7	1377.4	1417.8	1451.2	1475.6	1499.9	1517.0	1526.7	1539.4
47.5°	1435.8	1495.6	1545.8	1576.1	1623.0	1662.3	1678.2	1696.6	1728.7	1744.1	1757.7
45°	1641.7	1718.0	1773.8	1821.2	1861.5	1905.6	1934.6	1955.4	1987.1	2002.9	2012.9
42.5°	1886.7	1971.6	2045.0	2102.0	2135.8	2193.1	2234.9	2246.7	2291.4	2321.8	2330.7
40°	2161.5	2255.6	2352.4	2417.3	2471.9	2530.1	2599.0	2637.4	2675.2	2705.0	2711.7
37.5°	2447.8	2573.7	2684.3	2768.1	2858.3	2944.1	3017.1	3056.9	3081.8	3138.7	3160.0
35°	2738.9	2868.8	3023.7	3154.0	3263.2	3369.2	3452.5	3518.1	3580.6	3631.9	3662.6
32.5°	2986.7	3126.6	3317.8	3512.9	3630.9	3745.6	3882.4	3957.5	4040.9	4108.5	4157.8
30°	3190.4	3323.4	3497.5	3742.3	3903.8	4020.1	4193.3	4297.1	4387.9	4502.4	4542.3
27.5°	3200.0	3407.9	3561.8	3772.7	4015.0	4133.1	4261.3	4450.0	4507.2	4670.5	4694.0
25°	3116.1	3334.3	3492.5	3668.5	3870.0	4013.6	4130.7	4287.6	4369.7	4474.7	4555.4
22.5°	2984.7	3177.0	3338.4	3487.6	3644.9	3775.6	3882.6	3992.9	4083.1	4164.6	4240.2
20°	2839.6	3022.2	3175.2	3303.6	3428.2	3549.3	3645.6	3738.3	3816.2	3886.1	3929.2
17.5°	2737.4	2868.8	3025.1	3156.6	3264.6	3359.7	3459.3	3536.9	3605.3	3668.2	3707.6
15°	2667.7	2792.6	2903.9	3024.5	3138.4	3229.1	3304.1	3384.0	3443.2	3497.4	3540.0
12.5°	2595.3	2724.0	2840.4	2940.9	3030.0	3129.1	3209.2	3272.1	3334.2	3376.7	3420.5
10°	2534.8	2655.2	2776.0	2882.1	2975.9	3057.5	3133.4	3204.0	3259.6	3307.3	3341.8
7.5°	2499.7	2617.7	2726.3	2828.1	2919.5	3006.5	3084.8	3149.5	3204.6	3254.0	3290.1
5°	2459.0	2575.8	2684.2	2788.3	2876.1	2959.6	3037.6	3104.1	3161.2	3205.3	3239.9
2.5°	2412.3	2527.6	2635.7	2741.4	2829.3	2909.8	2983.6	3048.5	3108.0	3149.9	3179.3
0°	2359.1	2474.6	2580.2	2679.9	2768.2	2854.9	2922.9	2988.5	3046.6	3088.1	3117.6
-2.5°	2305.5	2420.2	2529.6	2625.0	2712.7	2792.8	2865.1	2927.1	2982.6	3023.9	3049.8
-5°	2234.2	2348.2	2456.2	2552.4	2643.9	2724.3	2794.6	2857.7	2911.2	2956.2	2991.3
-7.5°	2147.9	2263.2	2371.0	2469.3	2560.3	2636.3	2703.8	2767.4	2824.4	2873.7	2916.8
-10°	2052.9	2167.0	2268.9	2360.9	2445.8	2523.0	2594.9	2657.6	2709.9	2758.1	2794.4
-12.5°	1942.4	2048.0	2147.7	2238.4	2321.4	2398.7	2467.0	2526.8	2579.5	2622.2	2654.9
-15°	1820.4	1920.7	2015.1	2107.8	2194.7	2270.9	2331.0	2393.9	2439.6	2481.0	2510.5
-17.5°	1690.0	1786.9	1886.2	1979.1	2059.3	2134.5	2200.6	2258.2	2306.0	2344.1	2377.3
-20°	1557.7	1656.4	1752.0	1840.5	1917.7	1987.4	2054.3	2109.6	2158.7	2200.1	2239.1



REPORT NUMBER: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1424.9	1515.4	1605.1	1691.7	1764.7	1830.6	1889.2	1942.1	1985.5	2034.2	2068.6
-25°	1288.4	1367.8	1448.8	1525.3	1594.3	1659.1	1712.1	1758.5	1803.7	1850.8	1884.3
-27.5°	1151.3	1221.5	1287.3	1355.0	1415.4	1471.5	1520.8	1561.4	1605.2	1636.6	1673.6
-30°	1015.7	1079.4	1134.2	1181.3	1238.2	1286.3	1324.7	1365.0	1401.2	1431.3	1462.4
-32.5°	901.0	944.4	988.3	1027.6	1065.4	1105.0	1135.9	1171.1	1196.0	1221.8	1247.0
-35°	790.6	824.1	853.2	890.0	918.3	939.9	965.7	991.5	1001.4	1029.6	1044.6
-37.5°	690.7	712.7	739.8	765.4	786.5	802.6	825.5	839.1	846.2	864.4	874.2
-40°	605.1	619.0	644.4	661.9	674.5	686.2	705.3	714.1	723.8	732.9	733.2
-42.5°	529.9	547.8	564.9	578.7	586.7	600.0	609.0	610.0	622.6	630.7	631.9
-45°	468.3	486.5	500.1	510.2	518.2	529.7	535.5	538.7	549.0	554.5	556.9
-47.5°	421.0	433.8	445.6	453.3	463.8	472.3	476.6	482.0	489.9	494.9	498.5
-50°	379.5	389.6	398.6	405.7	416.1	423.7	427.7	434.4	440.3	443.9	446.7
-52.5°	343.0	351.9	358.2	365.1	373.8	380.5	385.6	392.2	397.1	400.3	402.8
-55°	308.7	317.2	323.2	330.8	337.0	341.5	345.9	352.3	357.1	360.4	362.5
-57.5°	278.6	284.9	290.9	297.7	303.6	308.5	312.4	316.0	319.1	321.8	323.9
-60°	250.3	255.5	260.9	266.3	270.7	274.2	278.4	281.7	283.7	285.0	286.7
-62.5°	223.1	227.7	232.6	236.9	240.4	243.4	246.8	249.5	251.3	252.7	253.7
-65°	197.3	201.3	205.3	208.9	212.0	214.5	216.9	218.8	220.2	221.3	222.2
-67.5°	173.1	176.3	179.1	181.6	183.9	186.1	188.2	189.6	190.4	191.3	192.2
-70°	149.8	152.3	154.2	155.7	157.0	158.7	160.8	162.2	163.0	163.9	164.7
-72.5°	127.2	129.0	130.6	131.8	132.6	133.7	135.1	136.2	137.1	137.8	138.1
-75°	105.5	107.0	108.4	109.3	109.9	110.7	111.4	111.7	111.8	112.1	112.3
-77.5°	84.2	85.7	87.0	87.9	88.5	89.1	89.7	89.9	90.0	90.0	89.8
-80°	65.7	66.8	67.6	68.2	68.6	69.1	69.4	69.4	69.3	69.4	69.5
-82.5°	47.7	48.6	49.4	49.9	50.3	50.8	51.2	51.4	51.6	51.7	51.6
-85°	30.9	31.3	31.7	32.1	32.4	32.6	32.7	32.8	32.7	32.8	32.7
-87.5°	15.5	15.3	15.0	14.7	14.3	14.4	14.5	14.6	14.6	14.7	14.9
-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: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

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°	10.3	10.6	9.8	9.1	9.8	10.6	10.3	10.0	9.8	9.5	10.1
85°	34.3	34.5	33.9	33.2	33.9	34.5	34.3	34.0	33.5	33.0	33.3
82.5°	65.4	65.4	64.8	64.1	64.8	65.4	65.4	65.3	65.0	64.6	65.0
80°	99.8	99.1	98.7	98.1	98.7	99.1	99.8	100.2	100.2	100.0	100.7
77.5°	139.7	138.9	140.1	141.1	140.1	138.9	139.7	140.0	139.9	140.0	142.9
75°	193.6	192.2	190.7	188.7	190.7	192.2	193.6	194.4	194.4	194.5	197.7
72.5°	256.3	255.2	254.0	252.1	254.0	255.2	256.3	256.6	256.0	256.6	261.6
70°	331.0	327.5	328.1	328.3	328.1	327.5	331.0	333.0	333.3	334.5	338.9
67.5°	425.0	421.8	422.2	421.9	422.2	421.8	425.0	426.4	425.9	427.1	430.6
65°	538.8	535.2	530.9	524.5	530.9	535.2	538.8	539.8	538.2	536.9	536.4
62.5°	661.0	657.8	659.6	661.1	659.6	657.8	661.0	661.3	658.7	658.3	656.4
60°	796.6	792.1	790.0	786.4	790.0	792.1	796.6	797.2	793.7	793.2	790.8
57.5°	964.2	963.3	961.4	956.2	961.4	963.3	964.2	960.4	952.1	950.0	943.0
55°	1150.0	1148.9	1153.2	1158.4	1153.2	1148.9	1150.0	1144.8	1133.8	1127.6	1117.4
52.5°	1351.3	1354.6	1353.4	1346.3	1353.4	1354.6	1351.3	1341.6	1328.5	1318.3	1299.7
50°	1550.5	1554.4	1558.4	1562.2	1558.4	1554.4	1550.5	1539.4	1526.7	1517.0	1499.9
47.5°	1776.4	1786.4	1788.2	1781.0	1788.2	1786.4	1776.4	1757.7	1744.1	1728.7	1696.6
45°	2033.0	2039.0	2042.1	2048.2	2042.1	2039.0	2033.0	2012.9	2002.9	1987.1	1955.4
42.5°	2356.5	2363.5	2364.6	2371.2	2364.6	2363.5	2356.5	2330.7	2321.8	2291.4	2246.7
40°	2740.5	2751.8	2749.8	2747.0	2749.8	2751.8	2740.5	2711.7	2705.0	2675.2	2637.4
37.5°	3189.9	3209.2	3211.3	3223.2	3211.3	3209.2	3189.9	3160.0	3138.7	3081.8	3056.9
35°	3694.4	3717.2	3713.2	3719.0	3713.2	3717.2	3694.4	3662.6	3631.9	3580.6	3518.1
32.5°	4203.2	4237.4	4244.3	4273.0	4244.3	4237.4	4203.2	4157.8	4108.5	4040.9	3957.5
30°	4603.0	4650.9	4682.1	4679.7	4682.1	4650.9	4603.0	4542.3	4502.4	4387.9	4297.1
27.5°	4768.6	4830.6	4888.6	4906.1	4888.6	4830.6	4768.6	4694.0	4670.5	4507.2	4450.0
25°	4607.0	4652.3	4703.6	4731.1	4703.6	4652.3	4607.0	4555.4	4474.7	4369.7	4287.6
22.5°	4275.0	4304.5	4322.0	4307.7	4322.0	4304.5	4275.0	4240.2	4164.6	4083.1	3992.9
20°	3973.8	4011.0	4017.9	4033.0	4017.9	4011.0	3973.8	3929.2	3886.1	3816.2	3738.3
17.5°	3749.5	3774.0	3788.3	3791.5	3788.3	3774.0	3749.5	3707.6	3668.2	3605.3	3536.9
15°	3573.8	3593.3	3606.2	3611.9	3606.2	3593.3	3573.8	3540.0	3497.4	3443.2	3384.0
12.5°	3449.2	3473.1	3484.8	3491.9	3484.8	3473.1	3449.2	3420.5	3376.7	3334.2	3272.1
10°	3369.4	3392.4	3401.7	3405.1	3401.7	3392.4	3369.4	3341.8	3307.3	3259.6	3204.0
7.5°	3312.0	3326.8	3333.1	3337.9	3333.1	3326.8	3312.0	3290.1	3254.0	3204.6	3149.5
5°	3265.8	3277.5	3284.1	3291.1	3284.1	3277.5	3265.8	3239.9	3205.3	3161.2	3104.1
2.5°	3202.8	3219.6	3231.3	3238.3	3231.3	3219.6	3202.8	3179.3	3149.9	3108.0	3048.5
0°	3141.0	3156.8	3165.1	3178.7	3165.1	3156.8	3141.0	3117.6	3088.1	3046.6	2988.5
-2.5°	3072.9	3091.3	3113.1	3134.2	3113.1	3091.3	3072.9	3049.8	3023.9	2982.6	2927.1
-5°	3021.0	3045.2	3049.7	3063.2	3049.7	3045.2	3021.0	2991.3	2956.2	2911.2	2857.7
-7.5°	2942.5	2953.6	2972.3	2975.7	2972.3	2953.6	2942.5	2916.8	2873.7	2824.4	2767.4
-10°	2821.5	2839.6	2851.3	2863.2	2851.3	2839.6	2821.5	2794.4	2758.1	2709.9	2657.6
-12.5°	2679.5	2700.6	2719.5	2716.8	2719.5	2700.6	2679.5	2654.9	2622.2	2579.5	2526.8
-15°	2541.1	2561.5	2574.5	2572.7	2574.5	2561.5	2541.1	2510.5	2481.0	2439.6	2393.9
-17.5°	2403.7	2422.3	2441.1	2440.6	2441.1	2422.3	2403.7	2377.3	2344.1	2306.0	2258.2
-20°	2261.8	2277.8	2297.8	2306.3	2297.8	2277.8	2261.8	2239.1	2200.1	2158.7	2109.6



REPORT NUMBER: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2097.8	2118.2	2132.8	2141.8	2132.8	2118.2	2097.8	2068.6	2034.2	1985.5	1942.1
-25°	1906.6	1927.5	1938.7	1942.5	1938.7	1927.5	1906.6	1884.3	1850.8	1803.7	1758.5
-27.5°	1695.3	1718.8	1730.2	1724.4	1730.2	1718.8	1695.3	1673.6	1636.6	1605.2	1561.4
-30°	1478.8	1493.8	1495.5	1508.6	1495.5	1493.8	1478.8	1462.4	1431.3	1401.2	1365.0
-32.5°	1265.0	1275.1	1269.3	1270.1	1269.3	1275.1	1265.0	1247.0	1221.8	1196.0	1171.1
-35°	1053.9	1062.0	1063.6	1078.4	1063.6	1062.0	1053.9	1044.6	1029.6	1001.4	991.5
-37.5°	884.2	887.5	882.5	875.4	882.5	887.5	884.2	874.2	864.4	846.2	839.1
-40°	740.3	742.8	741.0	737.3	741.0	742.8	740.3	733.2	732.9	723.8	714.1
-42.5°	636.8	636.8	635.1	634.7	635.1	636.8	636.8	631.9	630.7	622.6	610.0
-45°	560.3	561.1	561.0	560.7	561.0	561.1	560.3	556.9	554.5	549.0	538.7
-47.5°	501.0	501.2	500.4	498.8	500.4	501.2	501.0	498.5	494.9	489.9	482.0
-50°	448.5	448.5	449.5	451.3	449.5	448.5	448.5	446.7	443.9	440.3	434.4
-52.5°	404.1	404.0	404.6	405.3	404.6	404.0	404.1	402.8	400.3	397.1	392.2
-55°	363.5	363.3	362.7	361.5	362.7	363.3	363.5	362.5	360.4	357.1	352.3
-57.5°	324.7	324.2	323.3	321.5	323.3	324.2	324.7	323.9	321.8	319.1	316.0
-60°	287.6	287.8	287.3	286.0	287.3	287.8	287.6	286.7	285.0	283.7	281.7
-62.5°	253.9	253.4	253.3	252.8	253.3	253.4	253.9	253.7	252.7	251.3	249.5
-65°	222.3	221.8	222.0	221.9	222.0	221.8	222.3	222.2	221.3	220.2	218.8
-67.5°	192.6	192.4	192.6	192.4	192.6	192.4	192.6	192.2	191.3	190.4	189.6
-70°	165.2	165.2	164.4	163.0	164.4	165.2	165.2	164.7	163.9	163.0	162.2
-72.5°	138.0	137.5	137.6	137.4	137.6	137.5	138.0	138.1	137.8	137.1	136.2
-75°	112.2	111.9	112.6	113.2	112.6	111.9	112.2	112.3	112.1	111.8	111.7
-77.5°	89.4	88.8	89.3	89.8	89.3	88.8	89.4	89.8	90.0	90.0	89.9
-80°	69.4	69.1	69.0	68.7	69.0	69.1	69.4	69.5	69.4	69.3	69.4
-82.5°	51.4	51.1	50.9	50.6	50.9	51.1	51.4	51.6	51.7	51.6	51.4
-85°	32.6	32.4	32.8	33.2	32.8	32.4	32.6	32.7	32.8	32.7	32.8
-87.5°	15.0	15.0	14.7	14.3	14.7	15.0	15.0	14.9	14.7	14.6	14.6
-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):

	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°	10.6	11.1	11.6	11.7	11.7	11.7	11.7	11.6	11.5	11.4	11.2
85°	33.6	33.7	33.7	34.3	34.6	34.7	34.6	34.0	33.2	32.1	30.8
82.5°	65.1	65.0	64.7	65.3	65.6	65.6	65.1	63.8	62.2	60.1	57.7
80°	101.0	100.9	100.7	102.1	102.8	102.7	101.7	99.4	96.4	93.3	90.2
77.5°	144.9	145.9	146.3	147.7	148.0	147.2	145.0	141.4	138.4	134.4	129.1
75°	200.0	201.3	202.1	203.5	203.6	202.4	200.1	195.8	190.2	183.1	173.8
72.5°	265.0	266.7	267.2	267.2	265.8	264.3	260.9	255.2	247.8	238.7	226.3
70°	341.6	342.7	342.3	340.1	337.3	333.7	328.1	320.1	309.9	299.1	283.9
67.5°	431.9	430.7	427.6	423.3	418.8	411.9	402.9	391.3	379.5	366.1	345.6
65°	534.3	530.7	526.6	520.8	512.2	500.7	486.7	472.2	456.7	437.9	412.1
62.5°	649.8	638.3	634.4	628.7	617.8	601.8	584.7	566.2	543.2	516.3	490.3
60°	784.3	774.5	764.7	751.7	735.7	715.7	694.0	669.0	640.7	610.7	575.9
57.5°	929.5	916.4	906.4	889.1	864.2	840.8	813.7	779.2	745.2	710.5	668.9
55°	1103.4	1085.4	1064.2	1040.0	1013.4	983.1	946.0	905.7	864.1	816.4	772.1
52.5°	1274.0	1258.0	1233.5	1198.8	1167.6	1135.9	1092.3	1045.1	998.1	948.5	886.4
50°	1475.6	1451.2	1417.8	1377.4	1344.7	1301.5	1252.9	1195.6	1146.7	1090.1	1021.6
47.5°	1678.2	1662.3	1623.0	1576.1	1545.8	1495.6	1435.8	1371.7	1317.7	1240.6	1165.9
45°	1934.6	1905.6	1861.5	1821.2	1773.8	1718.0	1641.7	1580.4	1508.2	1424.1	1315.9
42.5°	2234.9	2193.1	2135.8	2102.0	2045.0	1971.6	1886.7	1809.5	1719.4	1621.1	1496.8
40°	2599.0	2530.1	2471.9	2417.3	2352.4	2255.6	2161.5	2058.7	1951.0	1829.9	1668.2
37.5°	3017.1	2944.1	2858.3	2768.1	2684.3	2573.7	2447.8	2326.8	2197.4	2015.2	1830.8
35°	3452.5	3369.2	3263.2	3154.0	3023.7	2868.8	2738.9	2596.2	2419.4	2183.1	1981.3
32.5°	3882.4	3745.6	3630.9	3512.9	3317.8	3126.6	2986.7	2860.0	2559.8	2315.9	2113.5
30°	4193.3	4020.1	3903.8	3742.3	3497.5	3323.4	3190.4	2927.2	2647.9	2408.6	2216.4
27.5°	4261.3	4133.1	4015.0	3772.7	3561.8	3407.9	3200.0	2931.8	2677.8	2452.6	2266.5
25°	4130.7	4013.6	3870.0	3668.5	3492.5	3334.3	3116.1	2873.1	2645.1	2446.6	2237.8
22.5°	3882.6	3775.6	3644.9	3487.6	3338.4	3177.0	2984.7	2774.1	2578.0	2392.2	2190.0
20°	3645.6	3549.3	3428.2	3303.6	3175.2	3022.2	2839.6	2667.4	2507.9	2327.9	2132.6
17.5°	3459.3	3359.7	3264.6	3156.6	3025.1	2868.8	2737.4	2595.6	2437.9	2259.1	2067.1
15°	3304.1	3229.1	3138.4	3024.5	2903.9	2792.6	2667.7	2522.6	2365.5	2184.7	2006.0
12.5°	3209.2	3129.1	3030.0	2940.9	2840.4	2724.0	2595.3	2447.3	2297.0	2145.6	1985.4
10°	3133.4	3057.5	2975.9	2882.1	2776.0	2655.2	2534.8	2406.2	2266.3	2117.6	1959.1
7.5°	3084.8	3006.5	2919.5	2828.1	2726.3	2617.7	2499.7	2371.7	2230.5	2082.1	1926.6
5°	3037.6	2959.6	2876.1	2788.3	2684.2	2575.8	2459.0	2330.7	2188.8	2039.2	1887.8
2.5°	2983.6	2909.8	2829.3	2741.4	2635.7	2527.6	2412.3	2282.4	2142.7	1998.8	1843.6
0°	2922.9	2854.9	2768.2	2679.9	2580.2	2474.6	2359.1	2226.3	2089.7	1953.9	1792.4
-2.5°	2865.1	2792.8	2712.7	2625.0	2529.6	2420.2	2305.5	2177.0	2037.5	1900.2	1742.3
-5°	2794.6	2724.3	2643.9	2552.4	2456.2	2348.2	2234.2	2110.1	1972.9	1837.0	1686.2
-7.5°	2703.8	2636.3	2560.3	2469.3	2371.0	2263.2	2147.9	2023.9	1890.2	1755.9	1609.2
-10°	2594.9	2523.0	2445.8	2360.9	2268.9	2167.0	2052.9	1929.1	1800.5	1666.8	1525.8
-12.5°	2467.0	2398.7	2321.4	2238.4	2147.7	2048.0	1942.4	1824.3	1704.1	1569.7	1435.9
-15°	2331.0	2270.9	2194.7	2107.8	2015.1	1920.7	1820.4	1707.8	1596.8	1465.3	1339.7
-17.5°	2200.6	2134.5	2059.3	1979.1	1886.2	1786.9	1690.0	1586.7	1479.3	1359.5	1244.6
-20°	2054.3	1987.4	1917.7	1840.5	1752.0	1656.4	1557.7	1459.1	1358.3	1254.0	1149.6



REPORT NUMBER: P558658 (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°
-22.5°	1889.2	1830.6	1764.7	1691.7	1605.1	1515.4	1424.9	1331.8	1236.4	1146.6	1053.0
-25°	1712.1	1659.1	1594.3	1525.3	1448.8	1367.8	1288.4	1205.8	1123.6	1039.5	956.4
-27.5°	1520.8	1471.5	1415.4	1355.0	1287.3	1221.5	1151.3	1080.1	1013.8	939.5	867.0
-30°	1324.7	1286.3	1238.2	1181.3	1134.2	1079.4	1015.7	965.1	907.6	843.9	784.9
-32.5°	1135.9	1105.0	1065.4	1027.6	988.3	944.4	901.0	853.9	803.7	758.4	710.1
-35°	965.7	939.9	918.3	890.0	853.2	824.1	790.6	752.0	713.6	677.3	638.4
-37.5°	825.5	802.6	786.5	765.4	739.8	712.7	690.7	664.1	632.7	603.6	572.1
-40°	705.3	686.2	674.5	661.9	644.4	619.0	605.1	585.4	563.7	535.7	510.5
-42.5°	609.0	600.0	586.7	578.7	564.9	547.8	529.9	518.5	501.2	479.4	458.7
-45°	535.5	529.7	518.2	510.2	500.1	486.5	468.3	459.8	446.7	431.6	412.0
-47.5°	476.6	472.3	463.8	453.3	445.6	433.8	421.0	409.0	401.4	388.4	372.4
-50°	427.7	423.7	416.1	405.7	398.6	389.6	379.5	367.6	360.3	349.3	336.0
-52.5°	385.6	380.5	373.8	365.1	358.2	351.9	343.0	332.0	322.4	314.9	305.1
-55°	345.9	341.5	337.0	330.8	323.2	317.2	308.7	299.2	291.4	284.8	276.5
-57.5°	312.4	308.5	303.6	297.7	290.9	284.9	278.6	271.2	263.1	256.9	249.1
-60°	278.4	274.2	270.7	266.3	260.9	255.5	250.3	244.0	236.5	230.4	223.6
-62.5°	246.8	243.4	240.4	236.9	232.6	227.7	223.1	217.8	211.6	205.3	199.7
-65°	216.9	214.5	212.0	208.9	205.3	201.3	197.3	192.8	187.8	182.3	176.9
-67.5°	188.2	186.1	183.9	181.6	179.1	176.3	173.1	169.3	165.1	160.6	156.1
-70°	160.8	158.7	157.0	155.7	154.2	152.3	149.8	146.8	143.4	139.8	135.8
-72.5°	135.1	133.7	132.6	131.8	130.6	129.0	127.2	125.1	122.7	119.8	116.1
-75°	111.4	110.7	109.9	109.3	108.4	107.0	105.5	103.9	102.0	99.6	96.6
-77.5°	89.7	89.1	88.5	87.9	87.0	85.7	84.2	83.1	81.8	79.9	77.6
-80°	69.4	69.1	68.6	68.2	67.6	66.8	65.7	64.6	63.1	61.3	59.6
-82.5°	51.2	50.8	50.3	49.9	49.4	48.6	47.7	46.9	45.9	44.8	43.6
-85°	32.7	32.6	32.4	32.1	31.7	31.3	30.9	30.6	30.1	29.5	28.9
-87.5°	14.5	14.4	14.3	14.7	15.0	15.3	15.5	15.3	15.1	14.8	14.4
-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: P558658 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-927-U-WAF-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°	10.9	10.7	10.3	10.0	9.8	9.5	9.1	8.6	7.9	7.1	6.3
85°	29.3	27.5	25.5	23.3	21.2	18.9	18.2	17.2	15.7	14.2	12.6
82.5°	54.7	52.0	49.3	46.2	42.8	39.2	35.4	31.4	26.4	21.7	18.8
80°	86.2	81.8	77.0	71.7	65.8	59.5	54.3	48.7	41.7	34.9	28.4
77.5°	122.2	114.7	106.6	99.7	92.5	84.7	76.3	66.9	56.8	48.0	39.6
75°	162.2	152.8	143.1	132.5	121.3	109.9	100.0	88.5	74.7	61.3	50.7
72.5°	212.1	197.5	182.4	166.9	153.4	139.6	125.3	109.7	93.6	77.8	62.5
70°	265.5	245.4	226.4	207.7	188.3	169.2	152.6	133.3	112.1	94.0	76.4
67.5°	322.4	300.4	276.3	249.8	226.5	203.8	180.5	157.1	133.4	109.9	90.0
65°	386.9	359.1	329.0	300.0	269.0	238.7	212.7	181.8	154.2	128.3	103.3
62.5°	457.8	421.5	388.8	352.4	316.2	280.4	243.8	209.0	175.3	146.2	118.1
60°	538.3	498.4	452.4	411.6	368.0	324.2	280.7	235.3	198.6	163.7	133.3
57.5°	626.7	579.9	530.7	476.7	425.5	373.6	317.5	265.4	221.0	182.7	147.9
55°	719.2	666.5	611.0	551.6	488.3	428.5	356.2	296.1	243.6	201.5	161.5
52.5°	822.7	759.7	695.7	628.8	559.1	481.7	399.2	325.1	269.0	219.5	175.9
50°	942.0	863.3	787.3	710.3	630.8	537.8	439.3	359.8	292.8	237.6	189.6
47.5°	1078.1	982.5	888.3	796.0	708.0	589.8	483.6	392.8	315.0	257.0	202.4
45°	1219.0	1113.7	999.6	892.8	770.7	642.5	526.7	423.3	341.8	273.8	214.2
42.5°	1360.4	1246.5	1124.1	990.5	835.1	692.4	566.0	457.5	366.5	289.3	226.5
40°	1517.5	1378.8	1248.2	1081.2	893.7	737.8	606.5	489.6	388.8	304.9	238.9
37.5°	1667.3	1514.0	1370.3	1150.5	947.2	784.2	643.5	518.3	409.1	321.7	250.1
35°	1807.1	1644.9	1431.9	1206.8	1000.4	823.5	676.2	545.4	430.7	336.5	260.2
32.5°	1934.7	1728.9	1479.1	1250.7	1042.5	855.6	705.9	569.6	449.2	349.4	269.1
30°	2021.7	1760.3	1511.5	1282.5	1074.0	886.7	730.1	589.6	464.6	360.2	277.4
27.5°	2026.2	1774.9	1528.8	1302.3	1095.6	909.5	748.5	605.5	476.8	370.2	286.0
25°	2010.4	1768.5	1531.4	1309.7	1107.0	928.2	762.6	617.4	488.1	380.0	293.0
22.5°	1973.2	1745.7	1519.8	1304.7	1119.6	941.1	774.3	627.6	497.3	387.3	298.5
20°	1926.3	1708.7	1500.4	1309.6	1125.9	949.3	783.0	634.2	503.2	392.3	302.4
17.5°	1868.8	1679.4	1497.2	1308.7	1126.0	951.8	786.9	637.2	506.0	395.1	304.9
15°	1842.3	1667.9	1487.4	1301.7	1119.8	948.6	786.2	636.8	505.8	395.6	306.6
12.5°	1821.1	1649.7	1471.4	1288.7	1107.6	940.0	781.0	633.0	502.8	395.6	307.9
10°	1794.2	1625.1	1449.3	1269.6	1089.7	926.3	771.5	627.3	501.3	395.0	307.9
7.5°	1761.5	1593.8	1421.2	1244.7	1068.2	911.0	761.8	620.9	498.1	392.6	306.9
5°	1723.5	1559.4	1391.0	1220.9	1051.7	894.7	749.0	611.3	492.8	388.7	304.7
2.5°	1682.3	1523.8	1357.2	1192.0	1031.0	874.4	732.7	599.0	485.4	383.4	301.5
0°	1634.6	1482.2	1317.7	1157.7	1006.0	850.5	713.2	584.1	476.2	376.6	297.3
-2.5°	1592.7	1436.5	1275.1	1120.5	969.6	821.8	691.9	569.1	465.9	369.9	292.9
-5°	1544.0	1384.8	1227.5	1078.5	929.3	790.2	668.1	552.2	454.1	362.1	287.7
-7.5°	1472.4	1321.7	1173.3	1031.4	885.7	756.0	642.0	533.6	440.7	353.2	281.7
-10°	1391.8	1250.2	1111.9	978.1	843.4	722.3	614.6	513.6	426.0	343.3	274.9
-12.5°	1306.6	1174.9	1047.1	922.2	799.7	689.0	588.2	493.9	410.4	332.5	267.5
-15°	1217.3	1096.4	979.4	864.4	754.6	654.1	560.7	473.8	395.0	321.5	259.5
-17.5°	1126.5	1015.3	909.4	805.4	708.7	617.8	532.1	452.6	378.8	310.4	251.5
-20°	1043.6	939.6	838.0	745.6	662.3	580.5	502.9	430.6	361.8	298.7	243.3



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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°	960.9	869.6	778.0	690.1	616.7	542.3	473.3	407.9	344.3	286.6	234.6
-25°	878.6	800.1	719.3	643.9	572.6	506.9	444.8	384.7	326.3	274.0	225.4
-27.5°	801.0	732.4	660.5	597.7	534.1	472.0	417.2	362.7	308.9	261.0	215.7
-30°	727.0	667.7	607.7	552.4	495.9	441.6	389.5	340.7	293.0	248.5	205.5
-32.5°	658.7	603.8	557.3	510.4	460.9	411.5	363.9	318.9	277.0	236.0	196.1
-35°	595.2	549.3	508.4	469.7	427.1	384.1	340.5	297.3	261.0	223.2	186.7
-37.5°	534.7	500.9	465.9	431.5	393.4	357.2	318.4	279.4	245.1	210.0	177.1
-40°	485.0	456.2	426.9	395.4	363.5	330.9	296.3	262.4	229.6	196.5	167.4
-42.5°	437.6	415.2	390.0	360.3	335.8	306.7	274.5	245.2	214.6	184.4	157.5
-45°	395.5	376.5	354.9	332.6	309.2	282.6	255.2	227.8	199.6	173.0	148.0
-47.5°	355.7	341.6	324.1	305.5	283.9	259.6	235.8	211.2	184.6	161.6	138.9
-50°	322.3	310.1	296.0	279.1	259.0	238.4	216.7	194.7	172.0	150.4	129.5
-52.5°	293.2	281.5	269.0	253.4	236.3	217.2	199.0	178.5	159.2	139.5	120.0
-55°	265.9	254.5	243.0	229.7	214.3	198.4	181.6	164.1	146.2	128.6	110.5
-57.5°	240.1	229.0	219.1	207.2	194.3	180.4	165.3	149.6	133.7	117.6	102.1
-60°	215.3	206.3	196.6	186.8	175.5	162.8	149.3	135.2	121.3	106.7	93.5
-62.5°	192.6	184.5	176.4	167.4	157.1	145.7	133.5	121.6	108.8	96.9	84.9
-65°	171.2	164.5	156.8	148.3	138.9	128.9	118.7	107.8	97.4	87.0	76.1
-67.5°	150.8	144.6	137.1	129.3	121.8	113.5	103.9	95.1	86.4	77.0	67.5
-70°	130.8	124.8	118.6	112.7	105.9	98.3	90.6	83.0	75.2	67.4	58.9
-72.5°	111.6	106.9	101.9	96.5	90.7	84.4	77.6	71.0	64.8	57.8	50.2
-75°	93.0	89.3	85.4	81.1	75.9	70.5	65.2	59.9	54.4	48.2	42.4
-77.5°	75.0	72.1	69.1	65.9	62.0	57.8	53.4	48.8	44.3	39.8	35.0
-80°	58.1	56.2	54.2	51.7	48.5	45.1	41.9	38.6	35.2	31.5	27.6
-82.5°	42.4	41.1	39.6	37.9	35.8	33.5	31.2	28.8	26.1	23.2	20.3
-85°	28.0	27.0	25.8	24.5	23.2	21.8	20.5	19.1	17.3	15.4	13.6
-87.5°	13.9	13.3	12.7	12.1	11.5	10.9	10.3	9.5	8.6	7.7	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



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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°	5.5	4.6	3.7	2.8	1.9	0.9	0.0
85°	10.9	9.2	7.5	5.7	3.8	1.9	0.0
82.5°	16.3	13.8	11.2	8.5	5.7	2.8	0.0
80°	22.2	18.4	14.9	11.3	7.6	3.7	0.0
77.5°	31.6	24.0	18.5	14.1	9.5	4.6	0.0
75°	40.8	31.4	22.6	16.8	11.3	5.6	0.0
72.5°	49.9	38.8	28.3	19.5	13.1	6.5	0.0
70°	59.2	46.0	33.9	22.5	14.9	7.3	0.0
67.5°	70.5	53.1	39.4	26.5	16.7	8.2	0.0
65°	81.5	60.9	44.7	30.4	18.4	9.1	0.0
62.5°	92.2	69.5	49.9	34.2	20.1	9.9	0.0
60°	102.4	77.7	55.0	37.9	21.8	10.7	0.0
57.5°	114.0	85.6	61.1	41.5	24.1	11.5	0.0
55°	125.3	93.2	67.0	45.0	26.4	12.3	0.0
52.5°	135.9	100.7	72.6	48.3	28.6	13.0	0.0
50°	146.0	108.8	78.0	51.5	30.7	13.8	0.0
47.5°	155.5	116.5	83.1	54.8	32.7	14.5	0.0
45°	165.5	123.7	87.9	58.3	34.7	15.1	0.0
42.5°	174.7	130.3	92.3	61.7	36.6	15.8	0.0
40°	183.1	136.4	96.9	64.9	38.3	16.4	0.0
37.5°	190.7	141.9	101.4	67.9	40.0	16.9	0.0
35°	197.4	147.5	105.6	70.8	41.6	17.5	0.0
32.5°	203.9	152.6	109.3	73.4	43.1	18.0	0.0
30°	210.9	157.2	112.6	75.8	44.4	18.4	0.0
27.5°	216.9	161.1	115.8	78.1	45.7	18.9	0.0
25°	222.0	164.4	118.6	80.1	46.9	19.3	0.0
22.5°	226.1	167.3	121.0	81.9	47.9	19.6	0.0
20°	229.3	170.2	123.0	83.5	48.8	20.0	0.0
17.5°	232.2	172.5	124.6	84.8	49.7	20.2	0.0
15°	234.5	174.4	125.9	86.0	50.4	20.5	0.0
12.5°	236.0	175.7	126.7	86.9	50.9	20.7	0.0
10°	236.5	176.6	127.3	87.6	51.4	20.8	0.0
7.5°	236.3	177.0	127.4	88.1	51.8	21.0	0.0
5°	235.2	176.8	127.3	88.4	52.0	21.1	0.0
2.5°	233.4	176.2	126.8	88.4	52.1	21.1	0.0
0°	230.9	175.1	126.0	88.3	52.1	21.1	0.0
-2.5°	228.3	173.4	125.4	87.9	52.0	21.1	0.0
-5°	225.0	171.3	124.5	87.3	51.7	21.1	0.0
-7.5°	221.1	168.8	123.3	86.5	51.4	21.1	0.0
-10°	216.7	165.9	121.8	85.5	50.9	21.0	0.0
-12.5°	211.7	162.7	120.1	84.3	50.3	20.8	0.0
-15°	206.3	159.1	118.1	82.9	49.7	20.7	0.0
-17.5°	200.3	155.1	115.8	81.4	48.9	20.5	0.0
-20°	194.1	151.0	113.3	79.7	48.0	20.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	187.9	146.5	110.5	77.8	47.0	19.9	0.0
-25°	181.4	142.1	107.5	75.7	45.9	19.6	0.0
-27.5°	174.5	137.5	104.2	73.6	44.8	19.2	0.0
-30°	167.3	132.6	100.7	71.2	43.5	18.8	0.0
-32.5°	159.8	127.4	97.1	68.7	42.2	18.3	0.0
-35°	152.8	121.9	93.3	66.1	40.8	17.8	0.0
-37.5°	145.8	116.5	89.4	63.4	39.3	17.3	0.0
-40°	138.7	111.2	85.2	60.5	37.8	16.7	0.0
-42.5°	131.2	105.8	81.1	57.5	36.1	16.1	0.0
-45°	123.6	100.2	77.0	54.4	34.4	15.5	0.0
-47.5°	115.7	94.4	72.7	51.3	32.7	14.8	0.0
-50°	108.6	88.5	68.3	48.4	30.9	14.1	0.0
-52.5°	101.4	82.5	63.8	45.6	29.0	13.4	0.0
-55°	94.1	76.6	59.2	42.7	27.1	12.6	0.0
-57.5°	86.7	70.7	54.4	39.7	25.1	11.9	0.0
-60°	79.3	64.7	49.5	36.7	23.1	11.0	0.0
-62.5°	72.0	58.5	45.4	33.6	21.3	10.2	0.0
-65°	64.6	52.3	41.2	30.4	19.6	9.4	0.0
-67.5°	57.1	46.5	37.0	27.2	17.8	8.5	0.0
-70°	49.5	41.1	32.7	23.9	15.9	7.6	0.0
-72.5°	42.9	35.7	28.3	20.9	14.0	6.7	0.0
-75°	36.5	30.3	23.8	18.0	12.1	5.7	0.0
-77.5°	30.0	24.8	19.8	15.0	10.1	4.8	0.0
-80°	23.4	19.7	15.9	12.1	8.1	3.9	0.0
-82.5°	17.5	14.8	12.0	9.1	6.1	2.9	0.0
-85°	11.7	9.9	8.0	6.0	4.1	1.9	0.0
-87.5°	5.8	4.9	4.0	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)