

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: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-935-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

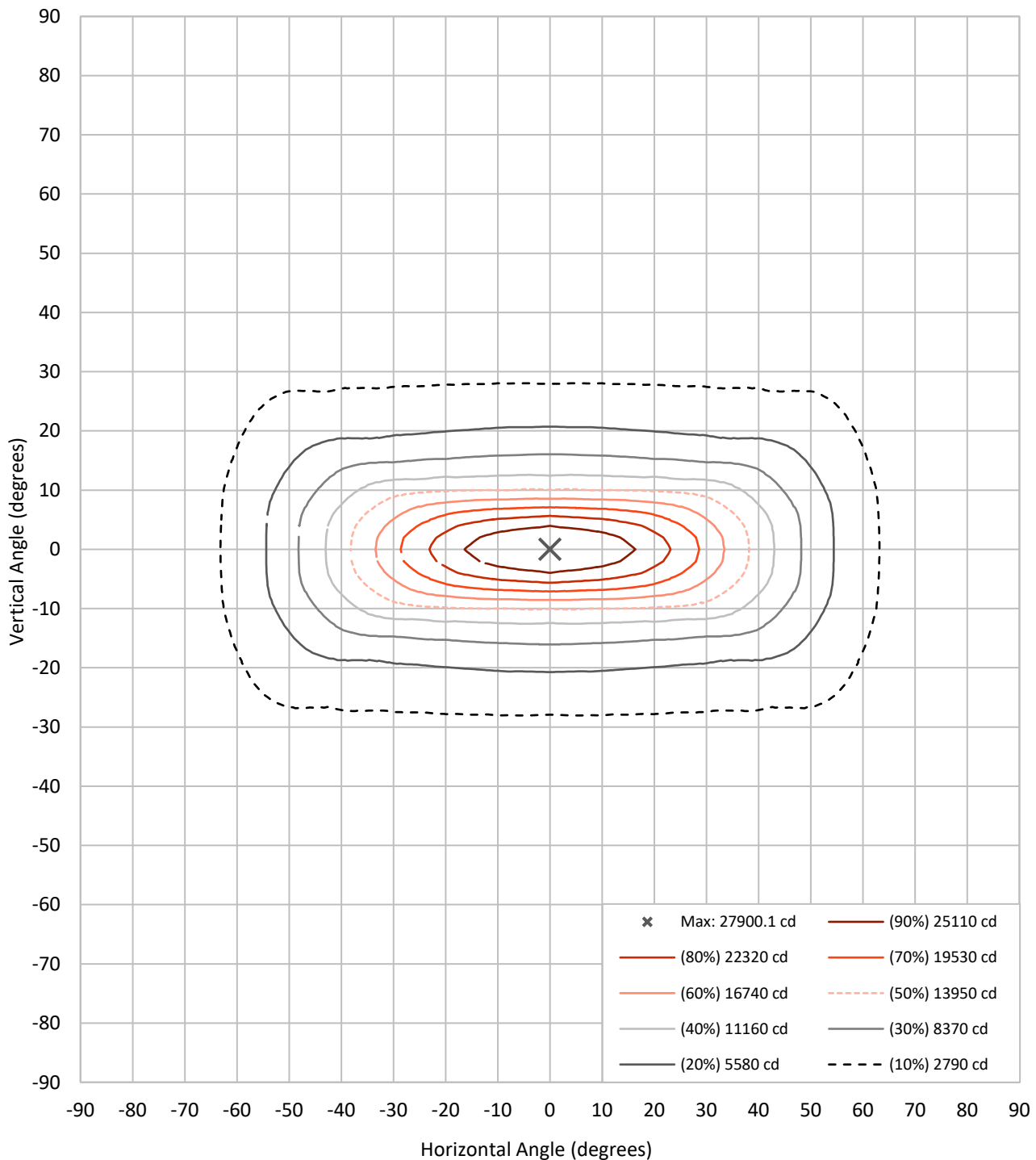
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	19981.5 lumens	Max Intensity:	27900.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7994.5 lumens	Field Lumens:	16376.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 201
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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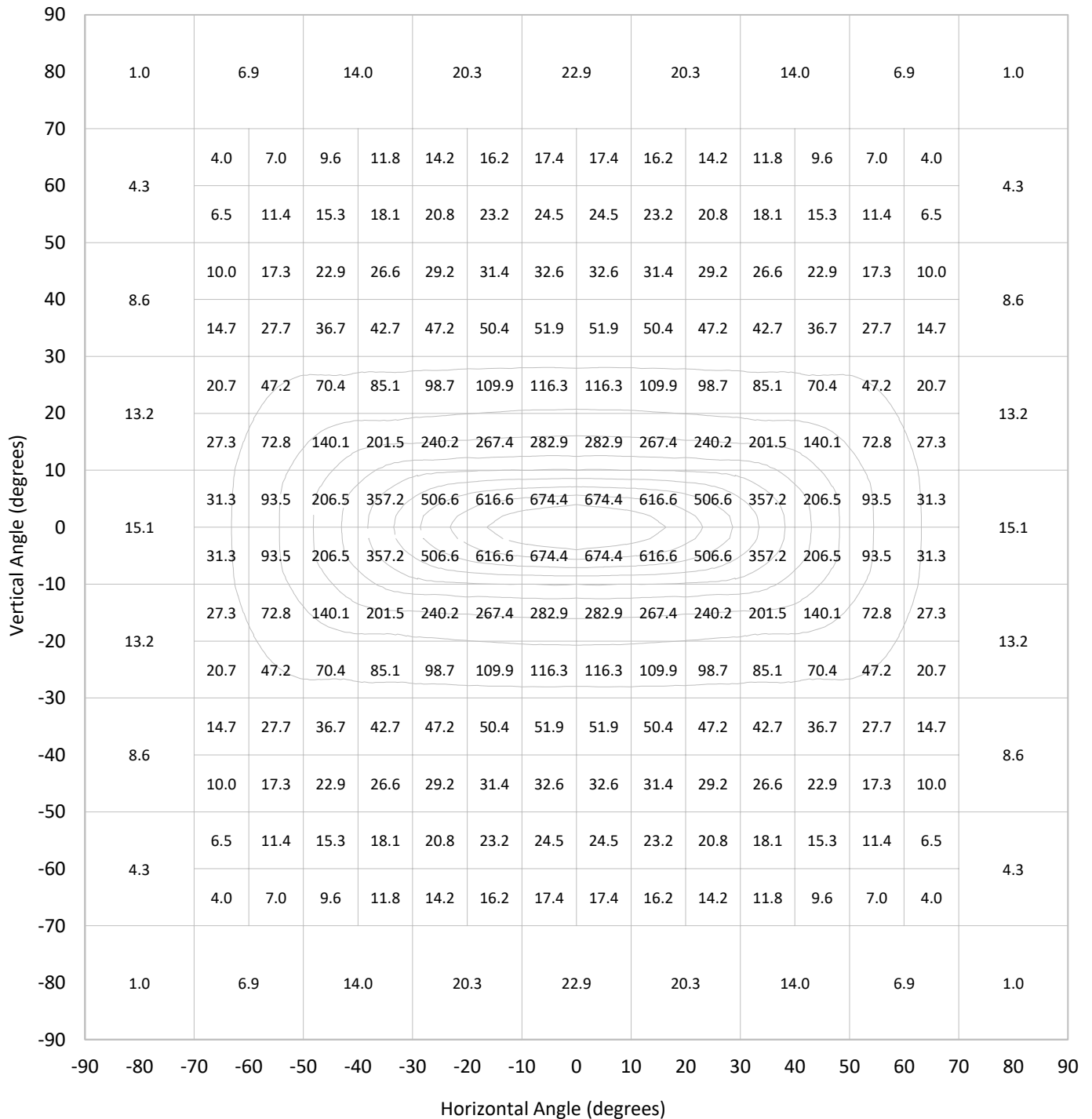
Iso-Candela Plot





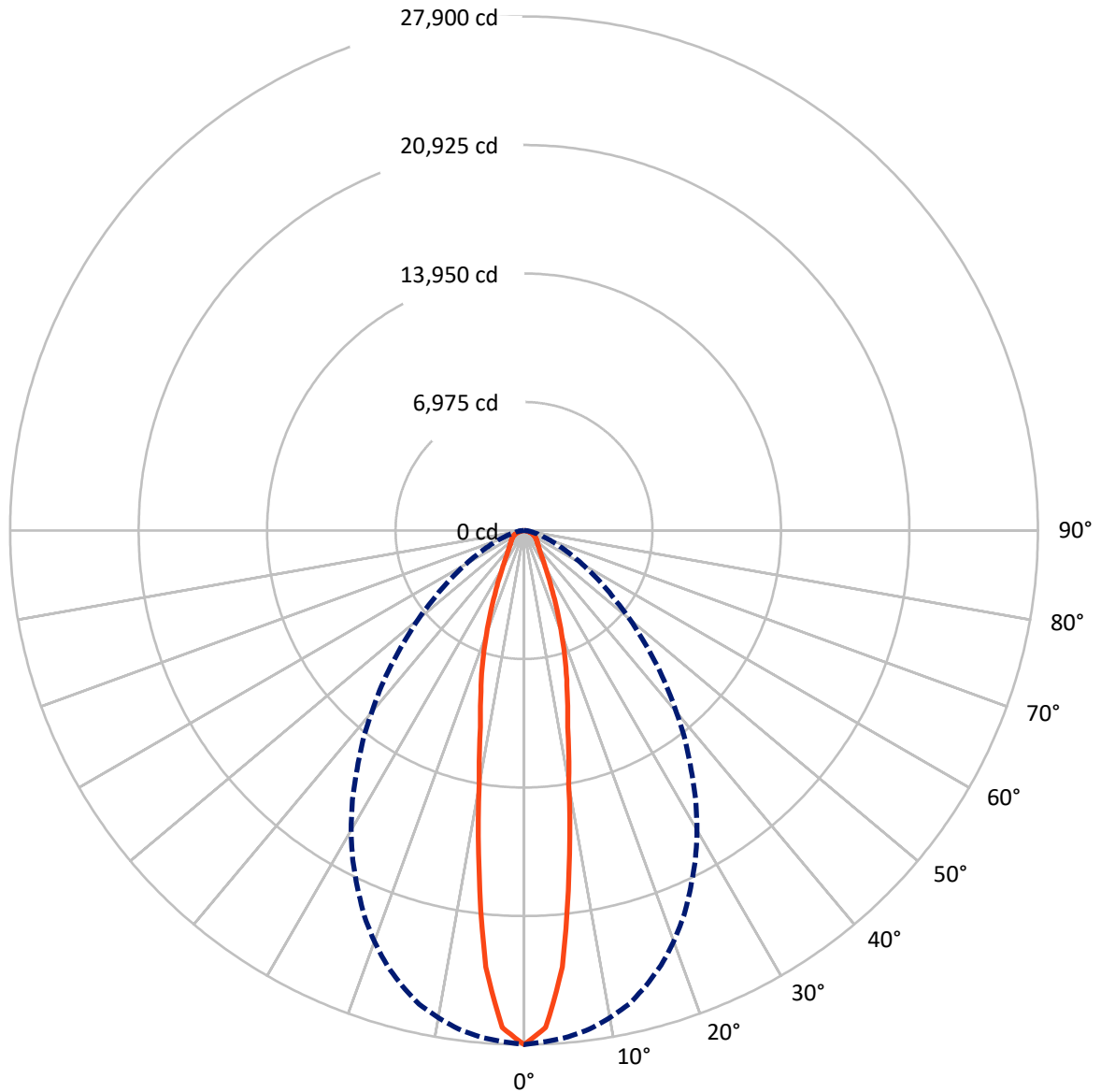
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Lumen Table



REPORT NUMBER: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
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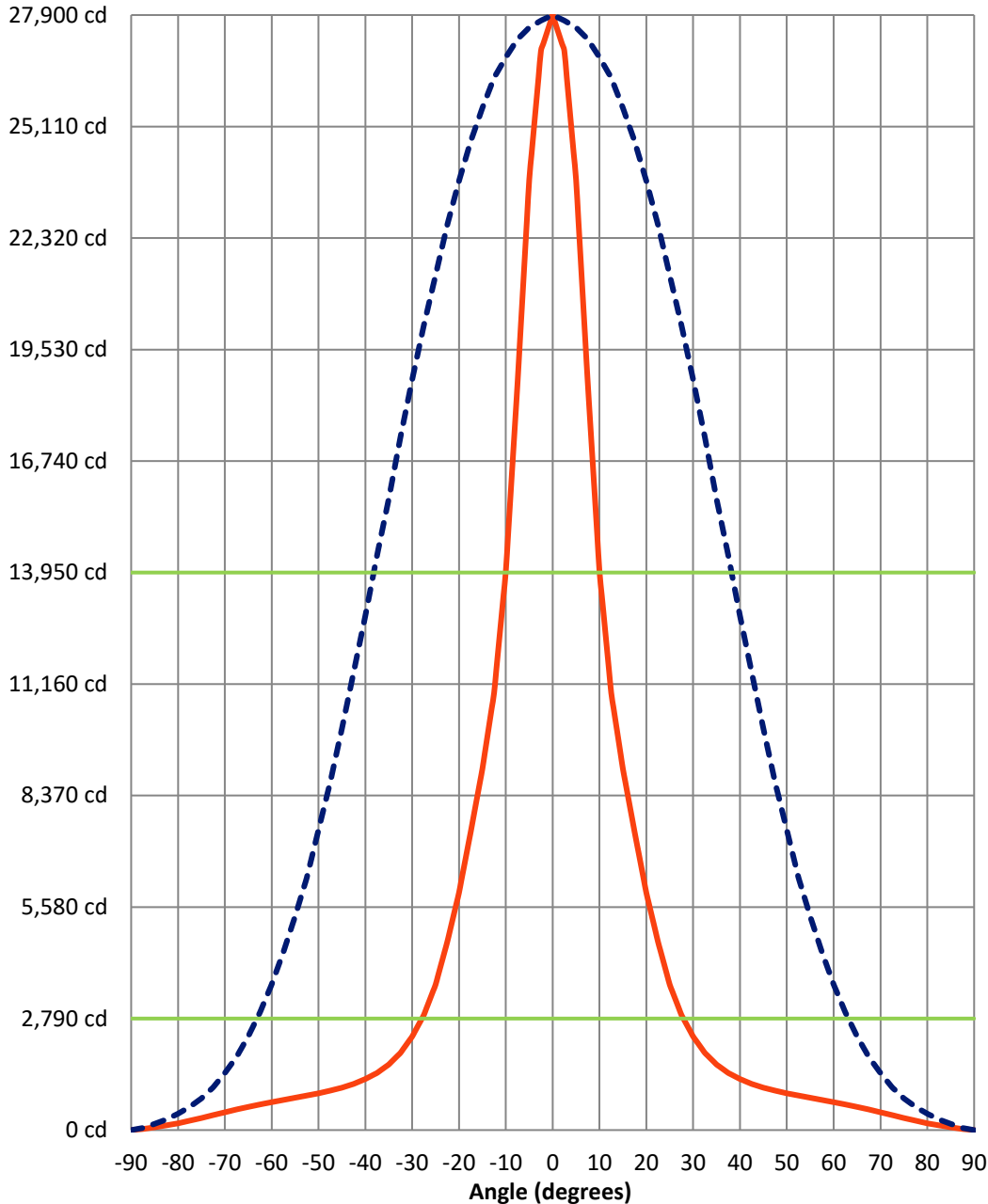
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 7994.5
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 16376.9
 Efficiency: 82.0%

Spill:
 Lumens: 3604.6
 Efficiency: 18.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-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	2.3	4.6	6.6	8.4	9.9	11.1	12.6	14.0	15.3	16.4
85°	0.0	4.6	9.3	13.2	16.7	19.7	22.3	25.2	28.0	30.5	32.9
82.5°	0.0	6.9	13.9	19.8	25.0	29.6	33.4	37.8	42.9	51.1	58.5
80°	0.0	9.2	18.5	26.4	33.4	39.4	45.8	58.2	69.7	80.2	89.6
77.5°	0.0	11.5	23.0	32.9	41.6	52.3	67.3	82.4	96.5	109.2	121.4
75°	0.0	13.8	27.5	39.4	51.2	70.9	88.8	106.6	123.5	140.6	155.2
72.5°	0.0	16.0	32.0	45.9	66.4	89.3	110.2	131.6	153.7	172.9	189.3
70°	0.0	18.2	36.4	53.3	81.6	107.7	132.0	159.3	184.0	205.5	226.6
67.5°	0.0	20.4	40.7	64.9	96.6	125.9	156.9	186.9	214.3	242.4	265.1
65°	0.0	22.5	44.9	76.3	111.4	145.6	181.7	214.4	249.4	279.7	306.5
62.5°	0.0	24.6	49.1	87.5	126.0	166.9	206.3	245.3	284.5	318.7	353.5
60°	0.0	26.6	53.1	98.6	140.5	188.0	230.9	277.5	319.9	362.9	400.9
57.5°	0.0	28.6	60.4	109.4	157.5	208.9	258.7	309.7	359.4	407.3	452.2
55°	0.0	30.5	67.4	120.1	174.3	229.5	286.7	341.8	399.9	453.3	506.4
52.5°	0.0	32.4	74.3	130.5	190.9	250.4	314.2	377.7	440.3	505.4	562.0
50°	0.0	34.2	81.0	140.6	207.2	273.2	341.4	414.4	483.0	558.4	628.0
47.5°	0.0	35.9	87.5	151.0	223.1	295.6	368.9	451.1	531.8	612.2	697.6
45°	0.0	37.6	93.7	162.7	238.7	317.4	400.7	488.0	581.7	677.8	769.6
42.5°	0.0	39.2	99.8	174.1	253.8	338.8	432.2	528.7	631.5	745.0	851.6
40°	0.0	40.7	105.5	184.7	269.4	359.5	463.5	571.9	684.9	813.6	938.0
37.5°	0.0	42.2	111.0	194.5	285.3	379.5	494.4	614.6	745.3	885.4	1027.1
35°	0.0	43.6	116.3	203.7	300.6	402.4	524.7	656.6	805.5	964.9	1123.6
32.5°	0.0	44.9	121.2	212.3	315.2	426.2	555.9	697.9	865.3	1045.5	1229.9
30°	0.0	46.1	125.9	220.3	329.2	449.3	589.2	740.5	924.4	1126.8	1338.6
27.5°	0.0	47.2	130.2	227.6	340.8	471.6	621.3	788.7	986.3	1208.4	1449.2
25°	0.0	48.2	134.3	234.2	351.5	492.9	652.2	835.4	1053.0	1297.2	1561.5
22.5°	0.0	49.1	138.0	240.2	361.4	511.9	681.8	880.6	1118.5	1389.1	1684.3
20°	0.0	50.0	141.4	245.5	370.5	526.4	709.9	923.8	1182.2	1479.6	1806.0
17.5°	0.0	50.7	144.4	250.2	378.7	539.2	731.0	965.0	1243.9	1568.1	1925.7
15°	0.0	51.4	147.1	254.1	386.1	550.2	746.8	997.4	1302.9	1653.9	2042.4
12.5°	0.0	51.9	149.5	257.4	392.5	559.4	760.3	1018.5	1345.1	1736.0	2155.0
10°	0.0	52.4	151.5	260.1	398.0	566.8	771.5	1035.9	1372.1	1774.8	2242.8
7.5°	0.0	52.7	153.1	262.1	402.4	572.5	780.4	1049.7	1394.0	1800.3	2282.6
5°	0.0	53.0	154.3	263.4	405.9	576.5	786.8	1059.8	1410.5	1818.0	2313.4
2.5°	0.0	53.1	155.1	264.1	408.2	578.8	790.8	1066.2	1421.5	1827.9	2334.8
0°	0.0	53.2	155.6	264.1	409.5	579.4	792.3	1068.7	1426.9	1830.3	2346.2
-2.5°	0.0	53.1	155.1	264.1	408.2	578.8	790.8	1066.2	1421.5	1827.9	2334.8
-5°	0.0	53.0	154.3	263.4	405.9	576.5	786.8	1059.8	1410.5	1818.0	2313.4
-7.5°	0.0	52.7	153.1	262.1	402.4	572.5	780.4	1049.7	1394.0	1800.3	2282.6
-10°	0.0	52.4	151.5	260.1	398.0	566.8	771.5	1035.9	1372.1	1774.8	2242.8
-12.5°	0.0	51.9	149.5	257.4	392.5	559.4	760.3	1018.5	1345.1	1736.0	2155.0
-15°	0.0	51.4	147.1	254.1	386.1	550.2	746.8	997.4	1302.9	1653.9	2042.4
-17.5°	0.0	50.7	144.4	250.2	378.7	539.2	731.0	965.0	1243.9	1568.1	1925.7
-20°	0.0	50.0	141.4	245.5	370.5	526.4	709.9	923.8	1182.2	1479.6	1806.0



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 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	49.1	138.0	240.2	361.4	511.9	681.8	880.6	1118.5	1389.1	1684.3
-25°	0.0	48.2	134.3	234.2	351.5	492.9	652.2	835.4	1053.0	1297.2	1561.5
-27.5°	0.0	47.2	130.2	227.6	340.8	471.6	621.3	788.7	986.3	1208.4	1449.2
-30°	0.0	46.1	125.9	220.3	329.2	449.3	589.2	740.5	924.4	1126.8	1338.6
-32.5°	0.0	44.9	121.2	212.3	315.2	426.2	555.9	697.9	865.3	1045.5	1229.9
-35°	0.0	43.6	116.3	203.7	300.6	402.4	524.7	656.6	805.5	964.9	1123.6
-37.5°	0.0	42.2	111.0	194.5	285.3	379.5	494.4	614.6	745.3	885.4	1027.1
-40°	0.0	40.7	105.5	184.7	269.4	359.5	463.5	571.9	684.9	813.6	938.0
-42.5°	0.0	39.2	99.8	174.1	253.8	338.8	432.2	528.7	631.5	745.0	851.6
-45°	0.0	37.6	93.7	162.7	238.7	317.4	400.7	488.0	581.7	677.8	769.6
-47.5°	0.0	35.9	87.5	151.0	223.1	295.6	368.9	451.1	531.8	612.2	697.6
-50°	0.0	34.2	81.0	140.6	207.2	273.2	341.4	414.4	483.0	558.4	628.0
-52.5°	0.0	32.4	74.3	130.5	190.9	250.4	314.2	377.7	440.3	505.4	562.0
-55°	0.0	30.5	67.4	120.1	174.3	229.5	286.7	341.8	399.9	453.3	506.4
-57.5°	0.0	28.6	60.4	109.4	157.5	208.9	258.7	309.7	359.4	407.3	452.2
-60°	0.0	26.6	53.1	98.6	140.5	188.0	230.9	277.5	319.9	362.9	400.9
-62.5°	0.0	24.6	49.1	87.5	126.0	166.9	206.3	245.3	284.5	318.7	353.5
-65°	0.0	22.5	44.9	76.3	111.4	145.6	181.7	214.4	249.4	279.7	306.5
-67.5°	0.0	20.4	40.7	64.9	96.6	125.9	156.9	186.9	214.3	242.4	265.1
-70°	0.0	18.2	36.4	53.3	81.6	107.7	132.0	159.3	184.0	205.5	226.6
-72.5°	0.0	16.0	32.0	45.9	66.4	89.3	110.2	131.6	153.7	172.9	189.3
-75°	0.0	13.8	27.5	39.4	51.2	70.9	88.8	106.6	123.5	140.6	155.2
-77.5°	0.0	11.5	23.0	32.9	41.6	52.3	67.3	82.4	96.5	109.2	121.4
-80°	0.0	9.2	18.5	26.4	33.4	39.4	45.8	58.2	69.7	80.2	89.6
-82.5°	0.0	6.9	13.9	19.8	25.0	29.6	33.4	37.8	42.9	51.1	58.5
-85°	0.0	4.6	9.3	13.2	16.7	19.7	22.3	25.2	28.0	30.5	32.9
-87.5°	0.0	2.3	4.6	6.6	8.4	9.9	11.1	12.6	14.0	15.3	16.4
-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: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-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°	17.7	18.9	20.1	21.2	22.1	23.0	23.9	24.6	25.7	26.7	27.6
85°	35.4	37.9	42.0	45.3	48.4	51.0	53.3	55.2	57.1	58.8	60.0
82.5°	65.2	70.7	75.0	78.3	82.1	85.3	88.1	90.5	93.1	95.4	97.5
80°	97.4	103.6	110.0	115.6	121.0	125.1	127.7	128.8	132.0	136.2	140.4
77.5°	132.0	141.4	149.7	156.9	162.7	167.8	171.5	173.8	178.9	184.8	190.0
75°	167.9	179.4	190.9	200.9	208.9	214.8	219.1	222.6	228.8	236.6	243.3
72.5°	205.4	220.8	234.4	246.1	256.8	265.0	271.0	275.0	281.2	290.4	297.8
70°	244.8	262.5	280.9	296.0	307.3	317.0	324.9	330.4	336.0	345.4	352.3
67.5°	285.6	310.8	331.2	347.2	359.9	371.6	380.7	386.5	389.0	398.4	406.2
65°	333.6	360.6	383.4	401.3	413.9	428.5	438.6	443.5	445.1	455.4	465.0
62.5°	382.6	412.4	437.3	457.9	474.4	488.2	499.5	505.8	506.9	514.5	525.6
60°	434.8	465.4	495.0	519.8	537.4	551.7	563.9	570.6	572.0	575.1	587.8
57.5°	489.3	522.3	556.9	584.7	605.3	617.0	630.4	637.9	640.9	639.0	652.1
55°	548.5	582.8	621.9	654.3	676.3	687.0	699.5	710.1	713.8	711.4	719.2
52.5°	615.6	649.8	691.5	727.1	751.6	764.4	773.3	786.1	792.0	789.4	787.9
50°	686.2	729.1	763.6	804.3	833.9	850.8	851.1	867.0	874.7	872.3	861.8
47.5°	766.0	814.5	840.6	887.2	925.7	945.6	946.9	953.3	962.8	965.3	956.3
45°	852.3	911.4	939.4	981.1	1024.3	1048.6	1056.0	1044.5	1061.5	1066.8	1061.1
42.5°	943.1	1018.6	1062.9	1079.8	1130.0	1163.9	1176.9	1168.8	1168.0	1179.8	1179.7
40°	1048.0	1134.7	1201.2	1218.8	1244.2	1290.9	1318.5	1317.0	1286.0	1308.1	1313.9
37.5°	1160.2	1272.9	1355.1	1391.7	1372.4	1434.7	1475.2	1491.6	1472.3	1450.6	1475.4
35°	1278.3	1420.7	1531.4	1593.7	1596.5	1595.1	1658.5	1692.5	1694.9	1655.1	1664.1
32.5°	1410.4	1577.6	1724.3	1825.0	1870.8	1842.5	1859.0	1930.5	1965.5	1950.3	1893.1
30°	1552.3	1757.4	1937.3	2079.4	2181.6	2211.7	2143.6	2199.4	2276.9	2307.9	2283.0
27.5°	1695.8	1948.2	2176.3	2373.3	2531.7	2632.1	2634.4	2548.3	2636.3	2711.0	2739.8
25°	1841.6	2139.1	2429.7	2696.8	2936.5	3109.0	3188.5	3197.7	3074.7	3186.5	3290.7
22.5°	1996.9	2335.5	2680.4	3041.3	3375.3	3628.6	3821.2	3937.2	3933.4	3816.0	3907.7
20°	2161.4	2549.4	2951.0	3379.0	3834.5	4182.8	4505.5	4752.3	4900.8	4950.1	4854.0
17.5°	2325.4	2765.1	3235.0	3744.8	4271.8	4754.6	5238.3	5632.0	5944.0	6200.1	6291.7
15°	2487.5	2980.3	3520.1	4113.0	4722.1	5326.5	5948.2	6551.2	7082.1	7550.7	7828.6
12.5°	2645.8	3192.6	3803.0	4479.6	5178.6	5906.1	6648.0	7382.6	8147.4	8906.5	9483.4
10°	2798.5	3399.3	4080.0	4839.8	5634.8	6485.6	7346.5	8218.4	9147.4	10042.7	10904.6
7.5°	2863.8	3534.4	4318.6	5188.7	6083.2	7056.1	8034.5	9046.6	10132.2	11176.8	12229.3
5°	2904.0	3588.0	4385.7	5292.1	6287.3	7428.5	8595.8	9849.5	11088.3	12291.1	13531.2
2.5°	2930.8	3624.7	4430.5	5333.0	6317.7	7489.6	8671.6	9973.4	11363.3	12753.9	14230.4
0°	2944.0	3644.1	4452.8	5345.4	6313.8	7509.4	8700.9	10043.9	11452.4	12867.0	14377.9
-2.5°	2930.8	3624.7	4430.5	5333.0	6317.7	7489.6	8671.6	9973.4	11363.3	12753.9	14230.4
-5°	2904.0	3588.0	4385.7	5292.1	6287.3	7428.5	8595.8	9849.5	11088.3	12291.1	13531.2
-7.5°	2863.8	3534.4	4318.6	5188.7	6083.2	7056.1	8034.5	9046.6	10132.2	11176.8	12229.3
-10°	2798.5	3399.3	4080.0	4839.8	5634.8	6485.6	7346.5	8218.4	9147.4	10042.7	10904.6
-12.5°	2645.8	3192.6	3803.0	4479.6	5178.6	5906.1	6648.0	7382.6	8147.4	8906.5	9483.4
-15°	2487.5	2980.3	3520.1	4113.0	4722.1	5326.5	5948.2	6551.2	7082.1	7550.7	7828.6
-17.5°	2325.4	2765.1	3235.0	3744.8	4271.8	4754.6	5238.3	5632.0	5944.0	6200.1	6291.7
-20°	2161.4	2549.4	2951.0	3379.0	3834.5	4182.8	4505.5	4752.3	4900.8	4950.1	4854.0



REPORT NUMBER: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1996.9	2335.5	2680.4	3041.3	3375.3	3628.6	3821.2	3937.2	3933.4	3816.0	3907.7
-25°	1841.6	2139.1	2429.7	2696.8	2936.5	3109.0	3188.5	3197.7	3074.7	3186.5	3290.7
-27.5°	1695.8	1948.2	2176.3	2373.3	2531.7	2632.1	2634.4	2548.3	2636.3	2711.0	2739.8
-30°	1552.3	1757.4	1937.3	2079.4	2181.6	2211.7	2143.6	2199.4	2276.9	2307.9	2283.0
-32.5°	1410.4	1577.6	1724.3	1825.0	1870.8	1842.5	1859.0	1930.5	1965.5	1950.3	1893.1
-35°	1278.3	1420.7	1531.4	1593.7	1596.5	1595.1	1658.5	1692.5	1694.9	1655.1	1664.1
-37.5°	1160.2	1272.9	1355.1	1391.7	1372.4	1434.7	1475.2	1491.6	1472.3	1450.6	1475.4
-40°	1048.0	1134.7	1201.2	1218.8	1244.2	1290.9	1318.5	1317.0	1286.0	1308.1	1313.9
-42.5°	943.1	1018.6	1062.9	1079.8	1130.0	1163.9	1176.9	1168.8	1168.0	1179.8	1179.7
-45°	852.3	911.4	939.4	981.1	1024.3	1048.6	1056.0	1044.5	1061.5	1066.8	1061.1
-47.5°	766.0	814.5	840.6	887.2	925.7	945.6	946.9	953.3	962.8	965.3	956.3
-50°	686.2	729.1	763.6	804.3	833.9	850.8	851.1	867.0	874.7	872.3	861.8
-52.5°	615.6	649.8	691.5	727.1	751.6	764.4	773.3	786.1	792.0	789.4	787.9
-55°	548.5	582.8	621.9	654.3	676.3	687.0	699.5	710.1	713.8	711.4	719.2
-57.5°	489.3	522.3	556.9	584.7	605.3	617.0	630.4	637.9	640.9	639.0	652.1
-60°	434.8	465.4	495.0	519.8	537.4	551.7	563.9	570.6	572.0	575.1	587.8
-62.5°	382.6	412.4	437.3	457.9	474.4	488.2	499.5	505.8	506.9	514.5	525.6
-65°	333.6	360.6	383.4	401.3	413.9	428.5	438.6	443.5	445.1	455.4	465.0
-67.5°	285.6	310.8	331.2	347.2	359.9	371.6	380.7	386.5	389.0	398.4	406.2
-70°	244.8	262.5	280.9	296.0	307.3	317.0	324.9	330.4	336.0	345.4	352.3
-72.5°	205.4	220.8	234.4	246.1	256.8	265.0	271.0	275.0	281.2	290.4	297.8
-75°	167.9	179.4	190.9	200.9	208.9	214.8	219.1	222.6	228.8	236.6	243.3
-77.5°	132.0	141.4	149.7	156.9	162.7	167.8	171.5	173.8	178.9	184.8	190.0
-80°	97.4	103.6	110.0	115.6	121.0	125.1	127.7	128.8	132.0	136.2	140.4
-82.5°	65.2	70.7	75.0	78.3	82.1	85.3	88.1	90.5	93.1	95.4	97.5
-85°	35.4	37.9	42.0	45.3	48.4	51.0	53.3	55.2	57.1	58.8	60.0
-87.5°	17.7	18.9	20.1	21.2	22.1	23.0	23.9	24.6	25.7	26.7	27.6
-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: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-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°	28.5	28.1	27.5	26.8	26.0	26.0	26.0	25.9	25.7	25.5	25.2
85°	60.9	62.1	63.2	64.3	65.3	66.3	67.3	68.0	68.6	68.6	68.3
82.5°	99.2	102.5	105.8	109.0	111.9	113.5	114.6	115.4	115.8	116.8	117.5
80°	144.0	148.9	153.4	157.2	160.2	162.5	164.3	165.8	166.8	168.0	168.8
77.5°	194.8	200.3	205.5	210.1	214.0	217.6	220.7	223.2	225.1	227.9	230.5
75°	248.9	255.1	261.5	267.2	272.3	277.7	283.0	287.9	292.3	295.9	298.7
72.5°	303.6	310.0	317.9	325.3	332.1	339.3	346.5	352.8	358.2	363.3	367.8
70°	357.5	363.5	373.7	383.5	392.7	401.4	410.0	417.8	424.6	431.2	437.2
67.5°	413.1	419.5	432.2	443.6	453.8	463.3	473.4	482.3	490.0	497.0	503.1
65°	472.6	478.2	491.9	504.3	515.1	524.1	534.9	544.6	553.3	561.0	567.5
62.5°	534.1	539.7	551.0	563.3	573.5	582.2	594.8	605.9	615.2	623.0	629.5
60°	596.5	601.4	610.0	623.5	635.0	644.4	655.6	666.3	675.4	683.0	689.9
57.5°	661.3	666.2	670.4	683.9	695.0	703.5	713.3	723.8	732.5	739.8	746.8
55°	728.2	732.0	730.7	743.2	753.5	760.5	767.8	778.9	787.6	794.0	800.5
52.5°	796.7	801.2	798.1	803.3	814.6	820.9	824.0	836.0	845.0	850.7	856.6
50°	872.9	876.5	873.7	870.7	881.6	888.1	889.9	899.6	907.7	912.1	916.3
47.5°	955.5	959.9	957.7	945.8	955.5	963.8	964.0	968.1	976.5	979.9	982.4
45°	1045.3	1053.9	1052.0	1043.7	1042.4	1050.8	1050.0	1046.6	1056.4	1060.7	1062.1
42.5°	1163.3	1160.5	1163.1	1158.3	1143.5	1153.0	1154.2	1142.1	1154.3	1159.5	1156.5
40°	1307.6	1281.2	1295.7	1293.6	1279.7	1277.6	1285.1	1275.2	1277.1	1284.6	1278.8
37.5°	1479.2	1460.4	1452.5	1459.1	1455.0	1437.3	1451.4	1447.9	1436.8	1449.4	1443.8
35°	1690.6	1685.0	1642.6	1668.4	1673.8	1656.9	1661.7	1669.1	1644.7	1663.9	1661.9
32.5°	1937.8	1950.3	1941.2	1925.3	1949.4	1952.5	1924.6	1958.1	1944.6	1949.4	1962.6
30°	2217.7	2281.9	2313.2	2285.3	2300.3	2330.2	2316.5	2339.8	2351.0	2333.5	2366.5
27.5°	2706.7	2683.9	2758.9	2791.5	2756.6	2811.1	2850.7	2833.1	2891.1	2856.8	2905.8
25°	3328.2	3294.8	3314.8	3422.5	3446.4	3418.7	3530.3	3543.5	3589.4	3595.0	3629.2
22.5°	4058.3	4139.2	4129.7	4162.5	4297.8	4343.1	4384.3	4491.6	4467.1	4564.4	4581.3
20°	4874.7	5077.8	5217.7	5247.1	5305.0	5460.6	5532.0	5616.6	5673.5	5765.6	5843.4
17.5°	6255.7	6151.7	6426.1	6598.5	6689.2	6721.6	6909.0	6970.0	7110.8	7191.2	7271.1
15°	8028.9	8089.6	7965.7	8130.0	8407.6	8501.4	8393.6	8645.3	8716.1	8851.5	8875.5
12.5°	9924.1	10231.0	10381.4	10422.2	10277.1	10672.0	10830.2	10631.6	10856.9	10816.3	11001.7
10°	11732.5	12478.0	12924.2	13238.1	13428.9	13543.8	13658.0	13863.2	13866.8	14018.9	13930.1
7.5°	13217.2	14162.4	15065.2	15941.1	16641.7	17034.5	17342.9	17638.6	18033.3	18222.3	18345.2
5°	14669.7	15760.2	16840.5	17902.2	18863.7	19788.7	20695.3	21481.7	21898.4	22385.4	22819.6
2.5°	15609.2	16988.5	18368.2	19734.7	20845.7	21865.1	22808.7	23685.0	24453.8	25165.0	25765.6
0°	15792.6	17336.2	18775.4	20138.9	21389.8	22648.9	23748.2	24739.1	25576.4	26331.9	26841.7
-2.5°	15609.2	16988.5	18368.2	19734.7	20845.7	21865.1	22808.7	23685.0	24453.8	25165.0	25765.6
-5°	14669.7	15760.2	16840.5	17902.2	18863.7	19788.7	20695.3	21481.7	21898.4	22385.4	22819.6
-7.5°	13217.2	14162.4	15065.2	15941.1	16641.7	17034.5	17342.9	17638.6	18033.3	18222.3	18345.2
-10°	11732.5	12478.0	12924.2	13238.1	13428.9	13543.8	13658.0	13863.2	13866.8	14018.9	13930.1
-12.5°	9924.1	10231.0	10381.4	10422.2	10277.1	10672.0	10830.2	10631.6	10856.9	10816.3	11001.7
-15°	8028.9	8089.6	7965.7	8130.0	8407.6	8501.4	8393.6	8645.3	8716.1	8851.5	8875.5
-17.5°	6255.7	6151.7	6426.1	6598.5	6689.2	6721.6	6909.0	6970.0	7110.8	7191.2	7271.1
-20°	4874.7	5077.8	5217.7	5247.1	5305.0	5460.6	5532.0	5616.6	5673.5	5765.6	5843.4



REPORT NUMBER: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4058.3	4139.2	4129.7	4162.5	4297.8	4343.1	4384.3	4491.6	4467.1	4564.4	4581.3
-25°	3328.2	3294.8	3314.8	3422.5	3446.4	3418.7	3530.3	3543.5	3589.4	3595.0	3629.2
-27.5°	2706.7	2683.9	2758.9	2791.5	2756.6	2811.1	2850.7	2833.1	2891.1	2856.8	2905.8
-30°	2217.7	2281.9	2313.2	2285.3	2300.3	2330.2	2316.5	2339.8	2351.0	2333.5	2366.5
-32.5°	1937.8	1950.3	1941.2	1925.3	1949.4	1952.5	1924.6	1958.1	1944.6	1949.4	1962.6
-35°	1690.6	1685.0	1642.6	1668.4	1673.8	1656.9	1661.7	1669.1	1644.7	1663.9	1661.9
-37.5°	1479.2	1460.4	1452.5	1459.1	1455.0	1437.3	1451.4	1447.9	1436.8	1449.4	1443.8
-40°	1307.6	1281.2	1295.7	1293.6	1279.7	1277.6	1285.1	1275.2	1277.1	1284.6	1278.8
-42.5°	1163.3	1160.5	1163.1	1158.3	1143.5	1153.0	1154.2	1142.1	1154.3	1159.5	1156.5
-45°	1045.3	1053.9	1052.0	1043.7	1042.4	1050.8	1050.0	1046.6	1056.4	1060.7	1062.1
-47.5°	955.5	959.9	957.7	945.8	955.5	963.8	964.0	968.1	976.5	979.9	982.4
-50°	872.9	876.5	873.7	870.7	881.6	888.1	889.9	899.6	907.7	912.1	916.3
-52.5°	796.7	801.2	798.1	803.3	814.6	820.9	824.0	836.0	845.0	850.7	856.6
-55°	728.2	732.0	730.7	743.2	753.5	760.5	767.8	778.9	787.6	794.0	800.5
-57.5°	661.3	666.2	670.4	683.9	695.0	703.5	713.3	723.8	732.5	739.8	746.8
-60°	596.5	601.4	610.0	623.5	635.0	644.4	655.6	666.3	675.4	683.0	689.9
-62.5°	534.1	539.7	551.0	563.3	573.5	582.2	594.8	605.9	615.2	623.0	629.5
-65°	472.6	478.2	491.9	504.3	515.1	524.1	534.9	544.6	553.3	561.0	567.5
-67.5°	413.1	419.5	432.2	443.6	453.8	463.3	473.4	482.3	490.0	497.0	503.1
-70°	357.5	363.5	373.7	383.5	392.7	401.4	410.0	417.8	424.6	431.2	437.2
-72.5°	303.6	310.0	317.9	325.3	332.1	339.3	346.5	352.8	358.2	363.3	367.8
-75°	248.9	255.1	261.5	267.2	272.3	277.7	283.0	287.9	292.3	295.9	298.7
-77.5°	194.8	200.3	205.5	210.1	214.0	217.6	220.7	223.2	225.1	227.9	230.5
-80°	144.0	148.9	153.4	157.2	160.2	162.5	164.3	165.8	166.8	168.0	168.8
-82.5°	99.2	102.5	105.8	109.0	111.9	113.5	114.6	115.4	115.8	116.8	117.5
-85°	60.9	62.1	63.2	64.3	65.3	66.3	67.3	68.0	68.6	68.6	68.3
-87.5°	28.5	28.1	27.5	26.8	26.0	26.0	26.0	25.9	25.7	25.5	25.2
-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: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-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°	24.9	24.5	25.6	26.6	25.6	24.5	24.9	25.2	25.5	25.7	25.9
85°	67.9	67.3	68.5	69.6	68.5	67.3	67.9	68.3	68.6	68.6	68.0
82.5°	117.9	118.1	118.6	118.7	118.6	118.1	117.9	117.5	116.8	115.8	115.4
80°	169.2	169.1	168.7	167.9	168.7	169.1	169.2	168.8	168.0	166.8	165.8
77.5°	232.6	234.1	235.1	235.4	235.1	234.1	232.6	230.5	227.9	225.1	223.2
75°	300.5	301.5	301.6	300.9	301.6	301.5	300.5	298.7	295.9	292.3	287.9
72.5°	371.7	374.6	375.2	374.6	375.2	374.6	371.7	367.8	363.3	358.2	352.8
70°	442.1	446.0	445.9	444.3	445.9	446.0	442.1	437.2	431.2	424.6	417.8
67.5°	507.9	511.4	514.2	515.9	514.2	511.4	507.9	503.1	497.0	490.0	482.3
65°	572.7	576.6	578.7	579.4	578.7	576.6	572.7	567.5	561.0	553.3	544.6
62.5°	634.5	638.0	640.1	640.8	640.1	638.0	634.5	629.5	623.0	615.2	605.9
60°	695.3	699.1	699.7	698.1	699.7	699.1	695.3	689.9	683.0	675.4	666.3
57.5°	752.4	756.3	756.2	753.4	756.2	756.3	752.4	746.8	739.8	732.5	723.8
55°	805.1	808.0	809.1	808.7	809.1	808.0	805.1	800.5	794.0	787.6	778.9
52.5°	861.1	863.3	864.3	863.9	864.3	863.3	861.1	856.6	850.7	845.0	836.0
50°	919.3	919.6	919.6	919.2	919.6	919.6	919.3	916.3	912.1	907.7	899.6
47.5°	986.0	986.7	986.8	986.8	986.8	986.7	986.0	982.4	979.9	976.5	968.1
45°	1064.8	1062.6	1060.3	1060.5	1060.3	1062.6	1064.8	1062.1	1060.7	1056.4	1046.6
42.5°	1159.3	1156.9	1153.9	1154.7	1153.9	1156.9	1159.3	1156.5	1159.5	1154.3	1142.1
40°	1283.8	1283.2	1279.0	1277.5	1279.0	1283.2	1283.8	1278.8	1284.6	1277.1	1275.2
37.5°	1444.7	1442.3	1433.0	1429.0	1433.0	1442.3	1444.7	1443.8	1449.4	1436.8	1447.9
35°	1656.2	1653.1	1638.8	1639.9	1638.8	1653.1	1656.2	1661.9	1663.9	1644.7	1669.1
32.5°	1956.0	1957.1	1935.5	1930.6	1935.5	1957.1	1956.0	1962.6	1949.4	1944.6	1958.1
30°	2346.0	2354.5	2329.1	2340.0	2329.1	2354.5	2346.0	2366.5	2333.5	2351.0	2339.8
27.5°	2904.8	2921.1	2898.7	2880.5	2898.7	2921.1	2904.8	2905.8	2856.8	2891.1	2833.1
25°	3674.0	3686.1	3660.5	3638.0	3660.5	3686.1	3674.0	3629.2	3595.0	3589.4	3543.5
22.5°	4675.2	4674.5	4673.2	4708.7	4673.2	4674.5	4675.2	4581.3	4564.4	4467.1	4491.6
20°	5893.7	5864.2	5908.4	5937.1	5908.4	5864.2	5893.7	5843.4	5765.6	5673.5	5616.6
17.5°	7289.6	7344.9	7387.4	7458.2	7387.4	7344.9	7289.6	7271.1	7191.2	7110.8	6970.0
15°	8935.5	9019.0	9061.4	9038.7	9061.4	9019.0	8935.5	8875.5	8851.5	8716.1	8645.3
12.5°	11008.2	11107.8	11034.2	10942.6	11034.2	11107.8	11008.2	11001.7	10816.3	10856.9	10631.6
10°	13931.5	14146.0	14158.0	13978.7	14158.0	14146.0	13931.5	13930.1	14018.9	13866.8	13863.2
7.5°	18416.6	18520.9	18679.3	18687.4	18679.3	18520.9	18416.6	18345.2	18222.3	18033.3	17638.6
5°	23016.4	23294.2	23473.3	23783.0	23473.3	23294.2	23016.4	22819.6	22385.4	21898.4	21481.7
2.5°	26153.4	26512.6	26650.4	27001.3	26650.4	26512.6	26153.4	25765.6	25165.0	24453.8	23685.0
0°	27296.1	27586.9	27760.9	27900.1	27760.9	27586.9	27296.1	26841.7	26331.9	25576.4	24739.1
-2.5°	26153.4	26512.6	26650.4	27001.3	26650.4	26512.6	26153.4	25765.6	25165.0	24453.8	23685.0
-5°	23016.4	23294.2	23473.3	23783.0	23473.3	23294.2	23016.4	22819.6	22385.4	21898.4	21481.7
-7.5°	18416.6	18520.9	18679.3	18687.4	18679.3	18520.9	18416.6	18345.2	18222.3	18033.3	17638.6
-10°	13931.5	14146.0	14158.0	13978.7	14158.0	14146.0	13931.5	13930.1	14018.9	13866.8	13863.2
-12.5°	11008.2	11107.8	11034.2	10942.6	11034.2	11107.8	11008.2	11001.7	10816.3	10856.9	10631.6
-15°	8935.5	9019.0	9061.4	9038.7	9061.4	9019.0	8935.5	8875.5	8851.5	8716.1	8645.3
-17.5°	7289.6	7344.9	7387.4	7458.2	7387.4	7344.9	7289.6	7271.1	7191.2	7110.8	6970.0
-20°	5893.7	5864.2	5908.4	5937.1	5908.4	5864.2	5893.7	5843.4	5765.6	5673.5	5616.6



REPORT NUMBER: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4675.2	4674.5	4673.2	4708.7	4673.2	4674.5	4675.2	4581.3	4564.4	4467.1	4491.6
-25°	3674.0	3686.1	3660.5	3638.0	3660.5	3686.1	3674.0	3629.2	3595.0	3589.4	3543.5
-27.5°	2904.8	2921.1	2898.7	2880.5	2898.7	2921.1	2904.8	2905.8	2856.8	2891.1	2833.1
-30°	2346.0	2354.5	2329.1	2340.0	2329.1	2354.5	2346.0	2366.5	2333.5	2351.0	2339.8
-32.5°	1956.0	1957.1	1935.5	1930.6	1935.5	1957.1	1956.0	1962.6	1949.4	1944.6	1958.1
-35°	1656.2	1653.1	1638.8	1639.9	1638.8	1653.1	1656.2	1661.9	1663.9	1644.7	1669.1
-37.5°	1444.7	1442.3	1433.0	1429.0	1433.0	1442.3	1444.7	1443.8	1449.4	1436.8	1447.9
-40°	1283.8	1283.2	1279.0	1277.5	1279.0	1283.2	1283.8	1278.8	1284.6	1277.1	1275.2
-42.5°	1159.3	1156.9	1153.9	1154.7	1153.9	1156.9	1159.3	1156.5	1159.5	1154.3	1142.1
-45°	1064.8	1062.6	1060.3	1060.5	1060.3	1062.6	1064.8	1062.1	1060.7	1056.4	1046.6
-47.5°	986.0	986.7	986.8	986.8	986.8	986.7	986.0	982.4	979.9	976.5	968.1
-50°	919.3	919.6	919.6	919.2	919.6	919.6	919.3	916.3	912.1	907.7	899.6
-52.5°	861.1	863.3	864.3	863.9	864.3	863.3	861.1	856.6	850.7	845.0	836.0
-55°	805.1	808.0	809.1	808.7	809.1	808.0	805.1	800.5	794.0	787.6	778.9
-57.5°	752.4	756.3	756.2	753.4	756.2	756.3	752.4	746.8	739.8	732.5	723.8
-60°	695.3	699.1	699.7	698.1	699.7	699.1	695.3	689.9	683.0	675.4	666.3
-62.5°	634.5	638.0	640.1	640.8	640.1	638.0	634.5	629.5	623.0	615.2	605.9
-65°	572.7	576.6	578.7	579.4	578.7	576.6	572.7	567.5	561.0	553.3	544.6
-67.5°	507.9	511.4	514.2	515.9	514.2	511.4	507.9	503.1	497.0	490.0	482.3
-70°	442.1	446.0	445.9	444.3	445.9	446.0	442.1	437.2	431.2	424.6	417.8
-72.5°	371.7	374.6	375.2	374.6	375.2	374.6	371.7	367.8	363.3	358.2	352.8
-75°	300.5	301.5	301.6	300.9	301.6	301.5	300.5	298.7	295.9	292.3	287.9
-77.5°	232.6	234.1	235.1	235.4	235.1	234.1	232.6	230.5	227.9	225.1	223.2
-80°	169.2	169.1	168.7	167.9	168.7	169.1	169.2	168.8	168.0	166.8	165.8
-82.5°	117.9	118.1	118.6	118.7	118.6	118.1	117.9	117.5	116.8	115.8	115.4
-85°	67.9	67.3	68.5	69.6	68.5	67.3	67.9	68.3	68.6	68.6	68.0
-87.5°	24.9	24.5	25.6	26.6	25.6	24.5	24.9	25.2	25.5	25.7	25.9
-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: P559054 (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°	26.0	26.0	26.0	26.8	27.5	28.1	28.5	27.6	26.7	25.7	24.6
85°	67.3	66.3	65.3	64.3	63.2	62.1	60.9	60.0	58.8	57.1	55.2
82.5°	114.6	113.5	111.9	109.0	105.8	102.5	99.2	97.5	95.4	93.1	90.5
80°	164.3	162.5	160.2	157.2	153.4	148.9	144.0	140.4	136.2	132.0	128.8
77.5°	220.7	217.6	214.0	210.1	205.5	200.3	194.8	190.0	184.8	178.9	173.8
75°	283.0	277.7	272.3	267.2	261.5	255.1	248.9	243.3	236.6	228.8	222.6
72.5°	346.5	339.3	332.1	325.3	317.9	310.0	303.6	297.8	290.4	281.2	275.0
70°	410.0	401.4	392.7	383.5	373.7	363.5	357.5	352.3	345.4	336.0	330.4
67.5°	473.4	463.3	453.8	443.6	432.2	419.5	413.1	406.2	398.4	389.0	386.5
65°	534.9	524.1	515.1	504.3	491.9	478.2	472.6	465.0	455.4	445.1	443.5
62.5°	594.8	582.2	573.5	563.3	551.0	539.7	534.1	525.6	514.5	506.9	505.8
60°	655.6	644.4	635.0	623.5	610.0	601.4	596.5	587.8	575.1	572.0	570.6
57.5°	713.3	703.5	695.0	683.9	670.4	666.2	661.3	652.1	639.0	640.9	637.9
55°	767.8	760.5	753.5	743.2	730.7	732.0	728.2	719.2	711.4	713.8	710.1
52.5°	824.0	820.9	814.6	803.3	798.1	801.2	796.7	787.9	789.4	792.0	786.1
50°	889.9	888.1	881.6	870.7	873.7	876.5	872.9	861.8	872.3	874.7	867.0
47.5°	964.0	963.8	955.5	945.8	957.7	959.9	955.5	956.3	965.3	962.8	953.3
45°	1050.0	1050.8	1042.4	1043.7	1052.0	1053.9	1045.3	1061.1	1066.8	1061.5	1044.5
42.5°	1154.2	1153.0	1143.5	1158.3	1163.1	1160.5	1163.3	1179.7	1179.8	1168.0	1168.8
40°	1285.1	1277.6	1279.7	1293.6	1295.7	1281.2	1307.6	1313.9	1308.1	1286.0	1317.0
37.5°	1451.4	1437.3	1455.0	1459.1	1452.5	1460.4	1479.2	1475.4	1450.6	1472.3	1491.6
35°	1661.7	1656.9	1673.8	1668.4	1642.6	1685.0	1690.6	1664.1	1655.1	1694.9	1692.5
32.5°	1924.6	1952.5	1949.4	1925.3	1941.2	1950.3	1937.8	1893.1	1950.3	1965.5	1930.5
30°	2316.5	2330.2	2300.3	2285.3	2313.2	2281.9	2217.7	2283.0	2307.9	2276.9	2199.4
27.5°	2850.7	2811.1	2756.6	2791.5	2758.9	2683.9	2706.7	2739.8	2711.0	2636.3	2548.3
25°	3530.3	3418.7	3446.4	3422.5	3314.8	3294.8	3328.2	3290.7	3186.5	3074.7	3197.7
22.5°	4384.3	4343.1	4297.8	4162.5	4129.7	4139.2	4058.3	3907.7	3816.0	3933.4	3937.2
20°	5532.0	5460.6	5305.0	5247.1	5217.7	5077.8	4874.7	4854.0	4950.1	4900.8	4752.3
17.5°	6909.0	6721.6	6689.2	6598.5	6426.1	6151.7	6255.7	6291.7	6200.1	5944.0	5632.0
15°	8393.6	8501.4	8407.6	8130.0	7965.7	8089.6	8028.9	7828.6	7550.7	7082.1	6551.2
12.5°	10830.2	10672.0	10277.1	10422.2	10381.4	10231.0	9924.1	9483.4	8906.5	8147.4	7382.6
10°	13658.0	13543.8	13428.9	13238.1	12924.2	12478.0	11732.5	10904.6	10042.7	9147.4	8218.4
7.5°	17342.9	17034.5	16641.7	15941.1	15065.2	14162.4	13217.2	12229.3	11176.8	10132.2	9046.6
5°	20695.3	19788.7	18863.7	17902.2	16840.5	15760.2	14669.7	13531.2	12291.1	11088.3	9849.5
2.5°	22808.7	21865.1	20845.7	19734.7	18368.2	16988.5	15609.2	14230.4	12753.9	11363.3	9973.4
0°	23748.2	22648.9	21389.8	20138.9	18775.4	17336.2	15792.6	14377.9	12867.0	11452.4	10043.9
-2.5°	22808.7	21865.1	20845.7	19734.7	18368.2	16988.5	15609.2	14230.4	12753.9	11363.3	9973.4
-5°	20695.3	19788.7	18863.7	17902.2	16840.5	15760.2	14669.7	13531.2	12291.1	11088.3	9849.5
-7.5°	17342.9	17034.5	16641.7	15941.1	15065.2	14162.4	13217.2	12229.3	11176.8	10132.2	9046.6
-10°	13658.0	13543.8	13428.9	13238.1	12924.2	12478.0	11732.5	10904.6	10042.7	9147.4	8218.4
-12.5°	10830.2	10672.0	10277.1	10422.2	10381.4	10231.0	9924.1	9483.4	8906.5	8147.4	7382.6
-15°	8393.6	8501.4	8407.6	8130.0	7965.7	8089.6	8028.9	7828.6	7550.7	7082.1	6551.2
-17.5°	6909.0	6721.6	6689.2	6598.5	6426.1	6151.7	6255.7	6291.7	6200.1	5944.0	5632.0
-20°	5532.0	5460.6	5305.0	5247.1	5217.7	5077.8	4874.7	4854.0	4950.1	4900.8	4752.3



REPORT NUMBER: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4384.3	4343.1	4297.8	4162.5	4129.7	4139.2	4058.3	3907.7	3816.0	3933.4	3937.2
-25°	3530.3	3418.7	3446.4	3422.5	3314.8	3294.8	3328.2	3290.7	3186.5	3074.7	3197.7
-27.5°	2850.7	2811.1	2756.6	2791.5	2758.9	2683.9	2706.7	2739.8	2711.0	2636.3	2548.3
-30°	2316.5	2330.2	2300.3	2285.3	2313.2	2281.9	2217.7	2283.0	2307.9	2276.9	2199.4
-32.5°	1924.6	1952.5	1949.4	1925.3	1941.2	1950.3	1937.8	1893.1	1950.3	1965.5	1930.5
-35°	1661.7	1656.9	1673.8	1668.4	1642.6	1685.0	1690.6	1664.1	1655.1	1694.9	1692.5
-37.5°	1451.4	1437.3	1455.0	1459.1	1452.5	1460.4	1479.2	1475.4	1450.6	1472.3	1491.6
-40°	1285.1	1277.6	1279.7	1293.6	1295.7	1281.2	1307.6	1313.9	1308.1	1286.0	1317.0
-42.5°	1154.2	1153.0	1143.5	1158.3	1163.1	1160.5	1163.3	1179.7	1179.8	1168.0	1168.8
-45°	1050.0	1050.8	1042.4	1043.7	1052.0	1053.9	1045.3	1061.1	1066.8	1061.5	1044.5
-47.5°	964.0	963.8	955.5	945.8	957.7	959.9	955.5	956.3	965.3	962.8	953.3
-50°	889.9	888.1	881.6	870.7	873.7	876.5	872.9	861.8	872.3	874.7	867.0
-52.5°	824.0	820.9	814.6	803.3	798.1	801.2	796.7	787.9	789.4	792.0	786.1
-55°	767.8	760.5	753.5	743.2	730.7	732.0	728.2	719.2	711.4	713.8	710.1
-57.5°	713.3	703.5	695.0	683.9	670.4	666.2	661.3	652.1	639.0	640.9	637.9
-60°	655.6	644.4	635.0	623.5	610.0	601.4	596.5	587.8	575.1	572.0	570.6
-62.5°	594.8	582.2	573.5	563.3	551.0	539.7	534.1	525.6	514.5	506.9	505.8
-65°	534.9	524.1	515.1	504.3	491.9	478.2	472.6	465.0	455.4	445.1	443.5
-67.5°	473.4	463.3	453.8	443.6	432.2	419.5	413.1	406.2	398.4	389.0	386.5
-70°	410.0	401.4	392.7	383.5	373.7	363.5	357.5	352.3	345.4	336.0	330.4
-72.5°	346.5	339.3	332.1	325.3	317.9	310.0	303.6	297.8	290.4	281.2	275.0
-75°	283.0	277.7	272.3	267.2	261.5	255.1	248.9	243.3	236.6	228.8	222.6
-77.5°	220.7	217.6	214.0	210.1	205.5	200.3	194.8	190.0	184.8	178.9	173.8
-80°	164.3	162.5	160.2	157.2	153.4	148.9	144.0	140.4	136.2	132.0	128.8
-82.5°	114.6	113.5	111.9	109.0	105.8	102.5	99.2	97.5	95.4	93.1	90.5
-85°	67.3	66.3	65.3	64.3	63.2	62.1	60.9	60.0	58.8	57.1	55.2
-87.5°	26.0	26.0	26.0	26.8	27.5	28.1	28.5	27.6	26.7	25.7	24.6
-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: P559054 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-935-U-NAT-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°	23.9	23.0	22.1	21.2	20.1	18.9	17.7	16.4	15.3	14.0	12.6
85°	53.3	51.0	48.4	45.3	42.0	37.9	35.4	32.9	30.5	28.0	25.2
82.5°	88.1	85.3	82.1	78.3	75.0	70.7	65.2	58.5	51.1	42.9	37.8
80°	127.7	125.1	121.0	115.6	110.0	103.6	97.4	89.6	80.2	69.7	58.2
77.5°	171.5	167.8	162.7	156.9	149.7	141.4	132.0	121.4	109.2	96.5	82.4
75°	219.1	214.8	208.9	200.9	190.9	179.4	167.9	155.2	140.6	123.5	106.6
72.5°	271.0	265.0	256.8	246.1	234.4	220.8	205.4	189.3	172.9	153.7	131.6
70°	324.9	317.0	307.3	296.0	280.9	262.5	244.8	226.6	205.5	184.0	159.3
67.5°	380.7	371.6	359.9	347.2	331.2	310.8	285.6	265.1	242.4	214.3	186.9
65°	438.6	428.5	413.9	401.3	383.4	360.6	333.6	306.5	279.7	249.4	214.4
62.5°	499.5	488.2	474.4	457.9	437.3	412.4	382.6	353.5	318.7	284.5	245.3
60°	563.9	551.7	537.4	519.8	495.0	465.4	434.8	400.9	362.9	319.9	277.5
57.5°	630.4	617.0	605.3	584.7	556.9	522.3	489.3	452.2	407.3	359.4	309.7
55°	699.5	687.0	676.3	654.3	621.9	582.8	548.5	506.4	453.3	399.9	341.8
52.5°	773.3	764.4	751.6	727.1	691.5	649.8	615.6	562.0	505.4	440.3	377.7
50°	851.1	850.8	833.9	804.3	763.6	729.1	686.2	628.0	558.4	483.0	414.4
47.5°	946.9	945.6	925.7	887.2	840.6	814.5	766.0	697.6	612.2	531.8	451.1
45°	1056.0	1048.6	1024.3	981.1	939.4	911.4	852.3	769.6	677.8	581.7	488.0
42.5°	1176.9	1163.9	1130.0	1079.8	1062.9	1018.6	943.1	851.6	745.0	631.5	528.7
40°	1318.5	1290.9	1244.2	1218.8	1201.2	1134.7	1048.0	938.0	813.6	684.9	571.9
37.5°	1475.2	1434.7	1372.4	1391.7	1355.1	1272.9	1160.2	1027.1	885.4	745.3	614.6
35°	1658.5	1595.1	1596.5	1593.7	1531.4	1420.7	1278.3	1123.6	964.9	805.5	656.6
32.5°	1859.0	1842.5	1870.8	1825.0	1724.3	1577.6	1410.4	1229.9	1045.5	865.3	697.9
30°	2143.6	2211.7	2181.6	2079.4	1937.3	1757.4	1552.3	1338.6	1126.8	924.4	740.5
27.5°	2634.4	2632.1	2531.7	2373.3	2176.3	1948.2	1695.8	1449.2	1208.4	986.3	788.7
25°	3188.5	3109.0	2936.5	2696.8	2429.7	2139.1	1841.6	1561.5	1297.2	1053.0	835.4
22.5°	3821.2	3628.6	3375.3	3041.3	2680.4	2335.5	1996.9	1684.3	1389.1	1118.5	880.6
20°	4505.5	4182.8	3834.5	3379.0	2951.0	2549.4	2161.4	1806.0	1479.6	1182.2	923.8
17.5°	5238.3	4754.6	4271.8	3744.8	3235.0	2765.1	2325.4	1925.7	1568.1	1243.9	965.0
15°	5948.2	5326.5	4722.1	4113.0	3520.1	2980.3	2487.5	2042.4	1653.9	1302.9	997.4
12.5°	6648.0	5906.1	5178.6	4479.6	3803.0	3192.6	2645.8	2155.0	1736.0	1345.1	1018.5
10°	7346.5	6485.6	5634.8	4839.8	4080.0	3399.3	2798.5	2242.8	1774.8	1372.1	1035.9
7.5°	8034.5	7056.1	6083.2	5188.7	4318.6	3534.4	2863.8	2282.6	1800.3	1394.0	1049.7
5°	8595.8	7428.5	6287.3	5292.1	4385.7	3588.0	2904.0	2313.4	1818.0	1410.5	1059.8
2.5°	8671.6	7489.6	6317.7	5333.0	4430.5	3624.7	2930.8	2334.8	1827.9	1421.5	1066.2
0°	8700.9	7509.4	6313.8	5345.4	4452.8	3644.1	2944.0	2346.2	1830.3	1426.9	1068.7
-2.5°	8671.6	7489.6	6317.7	5333.0	4430.5	3624.7	2930.8	2334.8	1827.9	1421.5	1066.2
-5°	8595.8	7428.5	6287.3	5292.1	4385.7	3588.0	2904.0	2313.4	1818.0	1410.5	1059.8
-7.5°	8034.5	7056.1	6083.2	5188.7	4318.6	3534.4	2863.8	2282.6	1800.3	1394.0	1049.7
-10°	7346.5	6485.6	5634.8	4839.8	4080.0	3399.3	2798.5	2242.8	1774.8	1372.1	1035.9
-12.5°	6648.0	5906.1	5178.6	4479.6	3803.0	3192.6	2645.8	2155.0	1736.0	1345.1	1018.5
-15°	5948.2	5326.5	4722.1	4113.0	3520.1	2980.3	2487.5	2042.4	1653.9	1302.9	997.4
-17.5°	5238.3	4754.6	4271.8	3744.8	3235.0	2765.1	2325.4	1925.7	1568.1	1243.9	965.0
-20°	4505.5	4182.8	3834.5	3379.0	2951.0	2549.4	2161.4	1806.0	1479.6	1182.2	923.8



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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°	3821.2	3628.6	3375.3	3041.3	2680.4	2335.5	1996.9	1684.3	1389.1	1118.5	880.6
-25°	3188.5	3109.0	2936.5	2696.8	2429.7	2139.1	1841.6	1561.5	1297.2	1053.0	835.4
-27.5°	2634.4	2632.1	2531.7	2373.3	2176.3	1948.2	1695.8	1449.2	1208.4	986.3	788.7
-30°	2143.6	2211.7	2181.6	2079.4	1937.3	1757.4	1552.3	1338.6	1126.8	924.4	740.5
-32.5°	1859.0	1842.5	1870.8	1825.0	1724.3	1577.6	1410.4	1229.9	1045.5	865.3	697.9
-35°	1658.5	1595.1	1596.5	1593.7	1531.4	1420.7	1278.3	1123.6	964.9	805.5	656.6
-37.5°	1475.2	1434.7	1372.4	1391.7	1355.1	1272.9	1160.2	1027.1	885.4	745.3	614.6
-40°	1318.5	1290.9	1244.2	1218.8	1201.2	1134.7	1048.0	938.0	813.6	684.9	571.9
-42.5°	1176.9	1163.9	1130.0	1079.8	1062.9	1018.6	943.1	851.6	745.0	631.5	528.7
-45°	1056.0	1048.6	1024.3	981.1	939.4	911.4	852.3	769.6	677.8	581.7	488.0
-47.5°	946.9	945.6	925.7	887.2	840.6	814.5	766.0	697.6	612.2	531.8	451.1
-50°	851.1	850.8	833.9	804.3	763.6	729.1	686.2	628.0	558.4	483.0	414.4
-52.5°	773.3	764.4	751.6	727.1	691.5	649.8	615.6	562.0	505.4	440.3	377.7
-55°	699.5	687.0	676.3	654.3	621.9	582.8	548.5	506.4	453.3	399.9	341.8
-57.5°	630.4	617.0	605.3	584.7	556.9	522.3	489.3	452.2	407.3	359.4	309.7
-60°	563.9	551.7	537.4	519.8	495.0	465.4	434.8	400.9	362.9	319.9	277.5
-62.5°	499.5	488.2	474.4	457.9	437.3	412.4	382.6	353.5	318.7	284.5	245.3
-65°	438.6	428.5	413.9	401.3	383.4	360.6	333.6	306.5	279.7	249.4	214.4
-67.5°	380.7	371.6	359.9	347.2	331.2	310.8	285.6	265.1	242.4	214.3	186.9
-70°	324.9	317.0	307.3	296.0	280.9	262.5	244.8	226.6	205.5	184.0	159.3
-72.5°	271.0	265.0	256.8	246.1	234.4	220.8	205.4	189.3	172.9	153.7	131.6
-75°	219.1	214.8	208.9	200.9	190.9	179.4	167.9	155.2	140.6	123.5	106.6
-77.5°	171.5	167.8	162.7	156.9	149.7	141.4	132.0	121.4	109.2	96.5	82.4
-80°	127.7	125.1	121.0	115.6	110.0	103.6	97.4	89.6	80.2	69.7	58.2
-82.5°	88.1	85.3	82.1	78.3	75.0	70.7	65.2	58.5	51.1	42.9	37.8
-85°	53.3	51.0	48.4	45.3	42.0	37.9	35.4	32.9	30.5	28.0	25.2
-87.5°	23.9	23.0	22.1	21.2	20.1	18.9	17.7	16.4	15.3	14.0	12.6
-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):

	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°	11.1	9.9	8.4	6.6	4.6	2.3	0.0
85°	22.3	19.7	16.7	13.2	9.3	4.6	0.0
82.5°	33.4	29.6	25.0	19.8	13.9	6.9	0.0
80°	45.8	39.4	33.4	26.4	18.5	9.2	0.0
77.5°	67.3	52.3	41.6	32.9	23.0	11.5	0.0
75°	88.8	70.9	51.2	39.4	27.5	13.8	0.0
72.5°	110.2	89.3	66.4	45.9	32.0	16.0	0.0
70°	132.0	107.7	81.6	53.3	36.4	18.2	0.0
67.5°	156.9	125.9	96.6	64.9	40.7	20.4	0.0
65°	181.7	145.6	111.4	76.3	44.9	22.5	0.0
62.5°	206.3	166.9	126.0	87.5	49.1	24.6	0.0
60°	230.9	188.0	140.5	98.6	53.1	26.6	0.0
57.5°	258.7	208.9	157.5	109.4	60.4	28.6	0.0
55°	286.7	229.5	174.3	120.1	67.4	30.5	0.0
52.5°	314.2	250.4	190.9	130.5	74.3	32.4	0.0
50°	341.4	273.2	207.2	140.6	81.0	34.2	0.0
47.5°	368.9	295.6	223.1	151.0	87.5	35.9	0.0
45°	400.7	317.4	238.7	162.7	93.7	37.6	0.0
42.5°	432.2	338.8	253.8	174.1	99.8	39.2	0.0
40°	463.5	359.5	269.4	184.7	105.5	40.7	0.0
37.5°	494.4	379.5	285.3	194.5	111.0	42.2	0.0
35°	524.7	402.4	300.6	203.7	116.3	43.6	0.0
32.5°	555.9	426.2	315.2	212.3	121.2	44.9	0.0
30°	589.2	449.3	329.2	220.3	125.9	46.1	0.0
27.5°	621.3	471.6	340.8	227.6	130.2	47.2	0.0
25°	652.2	492.9	351.5	234.2	134.3	48.2	0.0
22.5°	681.8	511.9	361.4	240.2	138.0	49.1	0.0
20°	709.9	526.4	370.5	245.5	141.4	50.0	0.0
17.5°	731.0	539.2	378.7	250.2	144.4	50.7	0.0
15°	746.8	550.2	386.1	254.1	147.1	51.4	0.0
12.5°	760.3	559.4	392.5	257.4	149.5	51.9	0.0
10°	771.5	566.8	398.0	260.1	151.5	52.4	0.0
7.5°	780.4	572.5	402.4	262.1	153.1	52.7	0.0
5°	786.8	576.5	405.9	263.4	154.3	53.0	0.0
2.5°	790.8	578.8	408.2	264.1	155.1	53.1	0.0
0°	792.3	579.4	409.5	264.1	155.6	53.2	0.0
-2.5°	790.8	578.8	408.2	264.1	155.1	53.1	0.0
-5°	786.8	576.5	405.9	263.4	154.3	53.0	0.0
-7.5°	780.4	572.5	402.4	262.1	153.1	52.7	0.0
-10°	771.5	566.8	398.0	260.1	151.5	52.4	0.0
-12.5°	760.3	559.4	392.5	257.4	149.5	51.9	0.0
-15°	746.8	550.2	386.1	254.1	147.1	51.4	0.0
-17.5°	731.0	539.2	378.7	250.2	144.4	50.7	0.0
-20°	709.9	526.4	370.5	245.5	141.4	50.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	681.8	511.9	361.4	240.2	138.0	49.1	0.0
-25°	652.2	492.9	351.5	234.2	134.3	48.2	0.0
-27.5°	621.3	471.6	340.8	227.6	130.2	47.2	0.0
-30°	589.2	449.3	329.2	220.3	125.9	46.1	0.0
-32.5°	555.9	426.2	315.2	212.3	121.2	44.9	0.0
-35°	524.7	402.4	300.6	203.7	116.3	43.6	0.0
-37.5°	494.4	379.5	285.3	194.5	111.0	42.2	0.0
-40°	463.5	359.5	269.4	184.7	105.5	40.7	0.0
-42.5°	432.2	338.8	253.8	174.1	99.8	39.2	0.0
-45°	400.7	317.4	238.7	162.7	93.7	37.6	0.0
-47.5°	368.9	295.6	223.1	151.0	87.5	35.9	0.0
-50°	341.4	273.2	207.2	140.6	81.0	34.2	0.0
-52.5°	314.2	250.4	190.9	130.5	74.3	32.4	0.0
-55°	286.7	229.5	174.3	120.1	67.4	30.5	0.0
-57.5°	258.7	208.9	157.5	109.4	60.4	28.6	0.0
-60°	230.9	188.0	140.5	98.6	53.1	26.6	0.0
-62.5°	206.3	166.9	126.0	87.5	49.1	24.6	0.0
-65°	181.7	145.6	111.4	76.3	44.9	22.5	0.0
-67.5°	156.9	125.9	96.6	64.9	40.7	20.4	0.0
-70°	132.0	107.7	81.6	53.3	36.4	18.2	0.0
-72.5°	110.2	89.3	66.4	45.9	32.0	16.0	0.0
-75°	88.8	70.9	51.2	39.4	27.5	13.8	0.0
-77.5°	67.3	52.3	41.6	32.9	23.0	11.5	0.0
-80°	45.8	39.4	33.4	26.4	18.5	9.2	0.0
-82.5°	33.4	29.6	25.0	19.8	13.9	6.9	0.0
-85°	22.3	19.7	16.7	13.2	9.3	4.6	0.0
-87.5°	11.1	9.9	8.4	6.6	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)