

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: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559194 (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-SA6C-940-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

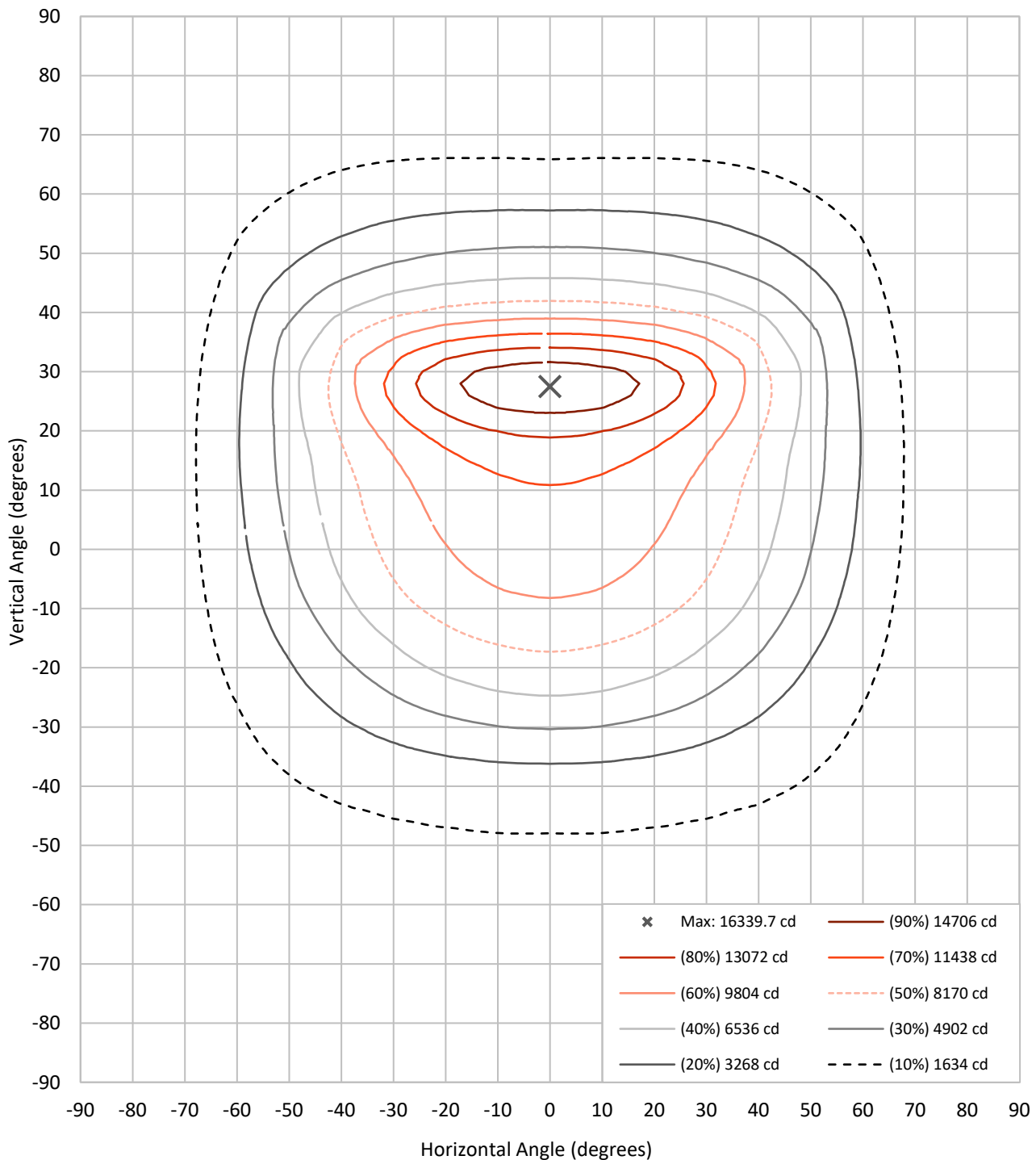
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	23820.4 lumens	Max Intensity:	16339.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	98.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	12354.4 lumens	Field Lumens:	22035.9 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%

Input Watts (W): 241
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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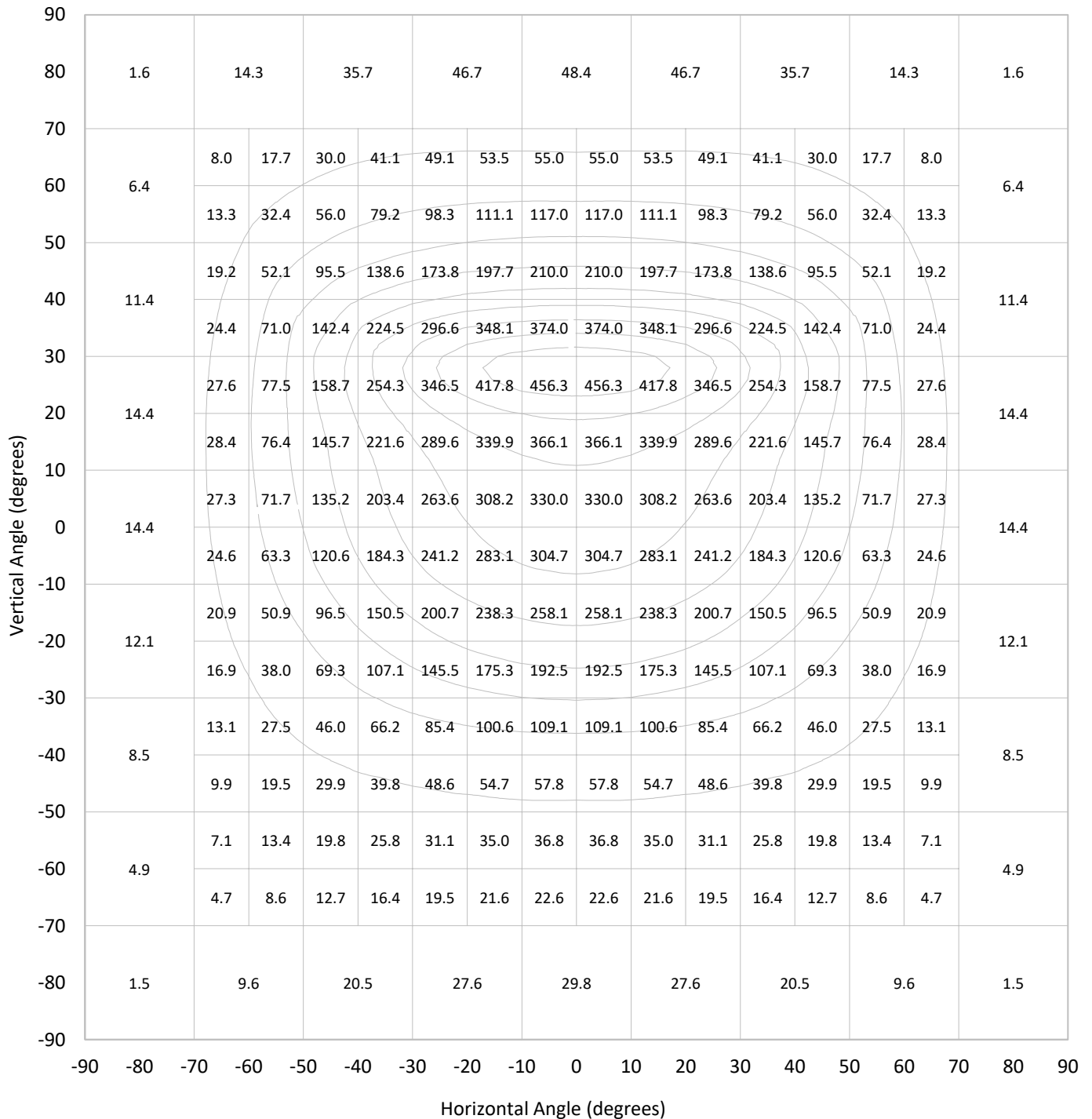
Iso-Candela Plot





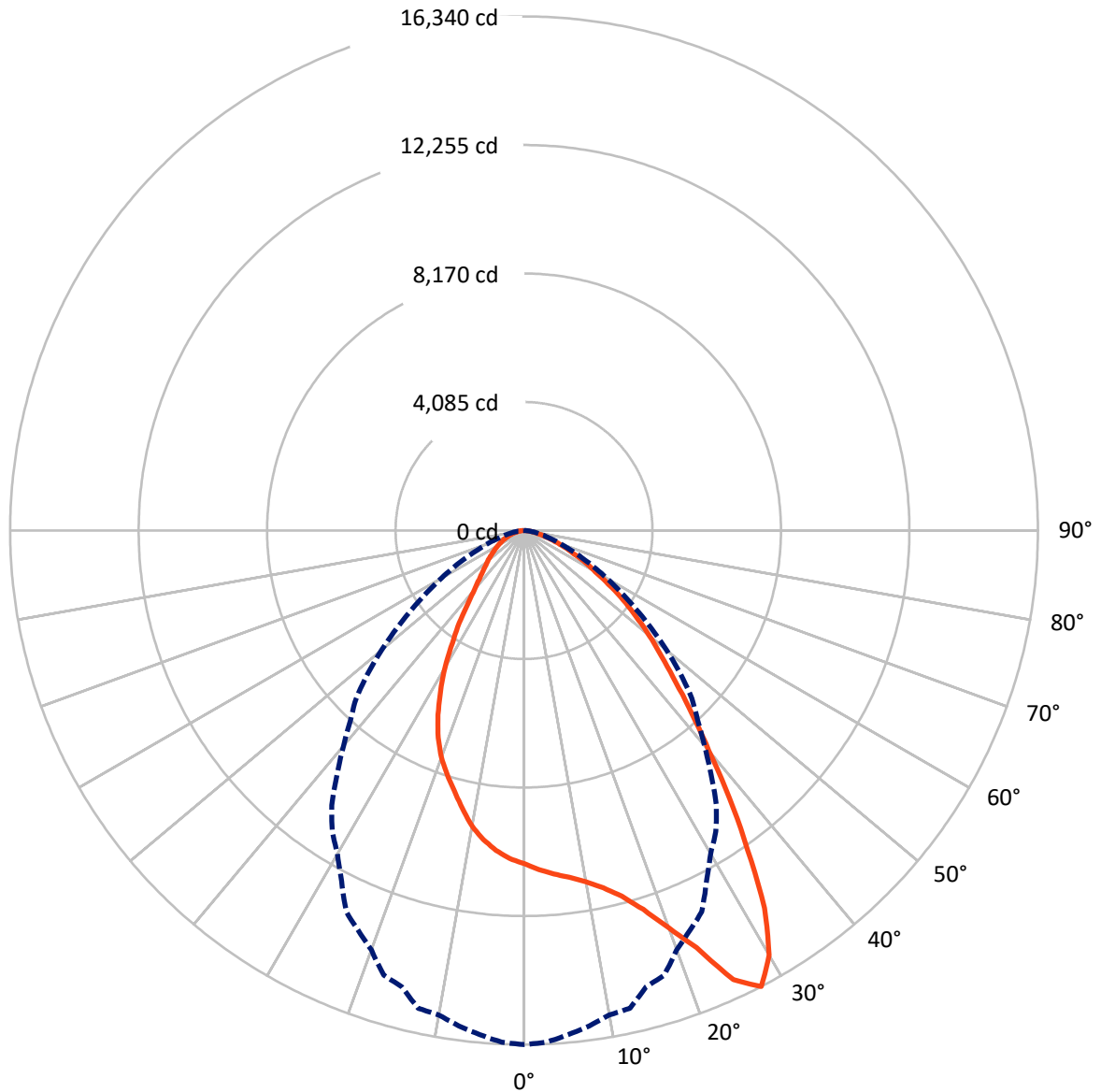
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Lumen Table



REPORT NUMBER: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
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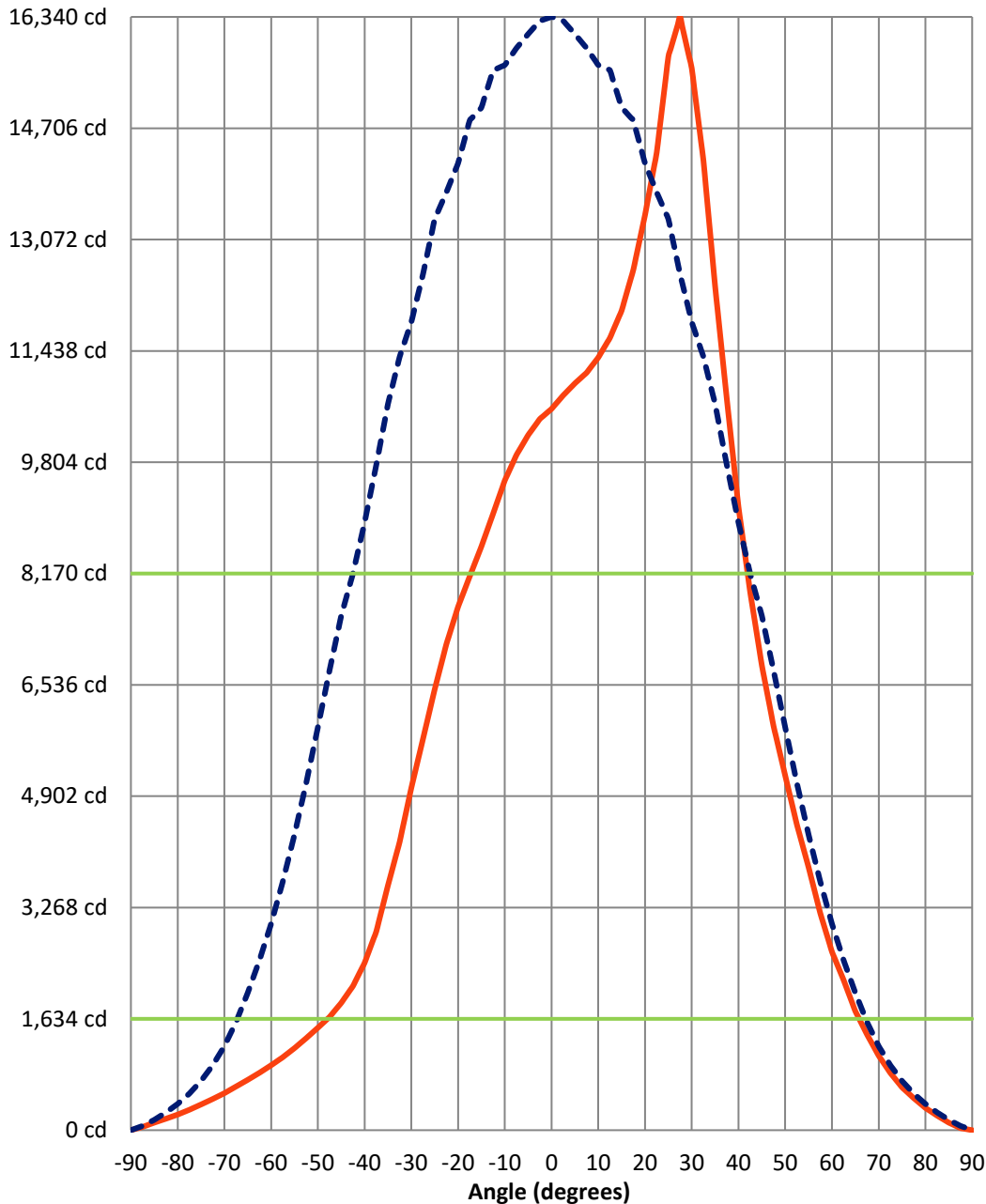
Luminous Intensity Polar Plot



— 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: 12354.4
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 22035.9
 Efficiency: 92.5%

Spill:
 Lumens: 1784.5
 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	3.1	6.4	9.4	12.4	15.4	18.2	21.0	23.6	26.2	28.7
85°	0.0	6.2	12.7	18.8	24.9	30.7	36.4	41.9	47.3	52.4	57.3
82.5°	0.0	9.3	19.0	28.2	37.2	46.0	54.5	62.8	72.3	88.1	104.5
80°	0.0	12.4	25.3	37.6	49.5	61.2	74.2	94.8	116.4	138.8	162.1
77.5°	0.0	15.5	31.5	46.8	61.8	79.8	105.3	132.1	160.0	189.0	222.8
75°	0.0	18.5	37.6	56.0	75.2	104.7	136.1	168.9	204.3	248.9	294.6
72.5°	0.0	21.5	43.7	65.1	94.2	129.2	166.3	208.0	259.1	311.6	365.3
70°	0.0	24.5	49.7	74.9	112.8	153.2	197.2	254.3	312.9	373.4	443.9
67.5°	0.0	27.4	55.6	88.2	131.1	176.7	234.9	299.7	365.9	444.3	523.3
65°	0.0	30.2	61.4	101.3	148.9	202.8	271.6	344.1	427.2	513.7	605.5
62.5°	0.0	33.0	67.0	113.9	166.3	231.3	307.0	393.5	487.0	584.0	696.0
60°	0.0	35.7	72.5	126.3	183.2	258.8	341.2	444.1	545.3	661.3	783.6
57.5°	0.0	38.4	80.3	138.3	203.4	285.2	379.8	492.7	608.6	735.9	883.7
55°	0.0	41.0	87.8	149.8	223.0	310.5	417.2	537.9	671.2	811.3	986.2
52.5°	0.0	43.5	95.1	161.0	241.8	335.3	452.7	585.9	731.0	895.9	1082.8
50°	0.0	45.9	102.2	171.6	259.7	362.4	486.1	631.6	791.4	975.2	1198.2
47.5°	0.0	48.2	109.0	182.4	276.6	388.0	517.9	674.1	855.8	1049.1	1308.3
45°	0.0	50.4	115.5	194.3	292.5	411.8	551.2	713.3	911.9	1138.4	1409.7
42.5°	0.0	52.5	121.7	205.4	307.4	433.9	581.8	754.4	963.4	1220.7	1523.7
40°	0.0	54.5	127.6	216.1	322.5	454.2	609.8	795.6	1015.3	1294.8	1630.6
37.5°	0.0	56.4	133.2	226.2	337.7	472.7	635.0	833.0	1071.4	1362.5	1726.3
35°	0.0	58.2	138.5	235.6	351.5	491.1	657.4	866.5	1120.8	1434.4	1816.5
32.5°	0.0	59.9	143.4	244.4	363.9	508.3	679.0	896.2	1163.5	1496.0	1896.8
30°	0.0	61.5	147.9	252.5	375.0	523.5	702.2	923.8	1199.5	1547.2	1963.4
27.5°	0.0	63.0	152.2	259.9	385.6	536.6	722.2	952.4	1233.0	1588.1	2016.4
25°	0.0	64.3	156.0	266.6	394.9	547.5	739.1	975.8	1265.5	1625.7	2056.2
22.5°	0.0	65.5	159.5	272.6	402.9	557.1	752.9	994.0	1290.0	1656.1	2090.1
20°	0.0	66.6	162.6	277.9	409.6	566.6	763.6	1007.1	1306.7	1675.8	2112.1
17.5°	0.0	67.5	165.3	282.5	415.0	574.5	773.3	1015.3	1315.8	1685.1	2122.2
15°	0.0	68.3	167.6	286.3	419.2	580.7	781.1	1021.0	1317.6	1684.4	2120.8
12.5°	0.0	69.0	169.6	289.4	422.1	585.2	785.9	1025.3	1317.6	1674.3	2108.2
10°	0.0	69.5	171.1	291.8	423.8	588.0	787.8	1025.6	1315.5	1669.3	2089.1
7.5°	0.0	70.0	172.3	293.4	424.4	589.3	786.9	1022.0	1307.7	1658.8	2067.7
5°	0.0	70.2	173.1	294.3	423.9	588.8	783.4	1014.8	1294.7	1641.1	2036.0
2.5°	0.0	70.4	173.4	294.6	422.3	586.8	777.4	1004.2	1276.7	1616.8	1994.9
0°	0.0	70.4	173.4	294.1	419.7	583.1	769.1	990.3	1254.2	1586.0	1945.4
-2.5°	0.0	70.5	173.0	292.8	417.7	577.6	760.3	975.7	1232.0	1551.9	1895.6
-5°	0.0	70.5	172.2	290.7	414.7	570.6	749.4	958.3	1206.0	1512.3	1839.3
-7.5°	0.0	70.3	171.0	288.1	410.7	562.2	736.5	938.2	1176.3	1467.8	1777.3
-10°	0.0	70.0	169.5	284.7	405.9	552.5	721.7	915.7	1143.3	1418.9	1710.4
-12.5°	0.0	69.5	167.5	280.8	400.1	541.6	705.1	891.0	1107.4	1366.8	1644.8
-15°	0.0	68.9	165.3	276.2	393.4	529.6	686.9	864.3	1070.6	1315.5	1577.8
-17.5°	0.0	68.2	162.7	271.0	385.8	516.6	667.0	837.6	1033.7	1261.4	1507.4
-20°	0.0	67.4	159.8	265.3	377.4	502.7	646.5	810.5	994.9	1204.9	1434.2



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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	66.4	156.5	259.0	368.1	488.0	625.8	781.5	954.4	1146.5	1358.7
-25°	0.0	65.2	152.9	252.2	358.0	473.3	604.0	750.7	912.4	1086.6	1281.4
-27.5°	0.0	64.0	149.1	244.9	347.1	457.9	581.0	718.4	869.3	1028.6	1208.0
-30°	0.0	62.6	144.9	237.1	335.5	441.6	557.0	684.5	827.6	975.6	1134.8
-32.5°	0.0	61.1	140.5	228.8	323.5	424.3	532.0	652.9	786.0	922.4	1062.0
-35°	0.0	59.4	135.8	220.0	310.8	406.2	508.8	621.7	743.3	869.2	989.9
-37.5°	0.0	57.7	130.9	210.9	297.6	388.0	485.7	589.8	699.4	816.2	930.4
-40°	0.0	55.8	125.7	201.3	283.7	370.5	461.8	557.5	654.6	764.7	873.9
-42.5°	0.0	53.8	120.3	191.4	270.0	352.4	437.1	524.7	614.2	714.8	816.5
-45°	0.0	51.6	114.6	181.2	256.3	333.7	411.7	492.9	576.3	664.9	758.6
-47.5°	0.0	49.4	108.8	170.6	242.2	314.5	385.6	462.5	538.3	615.0	703.4
-50°	0.0	47.1	102.7	161.1	227.5	294.9	361.7	431.5	500.9	573.0	648.4
-52.5°	0.0	44.7	96.5	151.7	212.5	274.8	337.8	399.9	464.6	530.3	594.5
-55°	0.0	42.1	90.1	142.1	197.0	255.3	313.6	368.3	428.5	486.9	546.7
-57.5°	0.0	39.5	83.5	132.2	181.1	235.6	289.0	340.1	391.8	445.3	498.3
-60°	0.0	36.8	76.8	122.1	165.0	215.5	264.1	311.7	355.6	404.0	450.5
-62.5°	0.0	34.0	71.1	111.8	151.3	195.0	239.8	282.7	323.0	362.3	404.9
-65°	0.0	31.2	65.2	101.2	137.3	174.1	215.2	253.7	290.0	324.6	358.9
-67.5°	0.0	28.3	59.1	90.4	123.2	154.8	190.1	225.0	256.7	287.7	316.9
-70°	0.0	25.3	52.9	79.5	108.8	137.0	164.8	196.2	224.7	250.6	276.4
-72.5°	0.0	22.2	46.6	69.6	94.2	119.0	143.0	167.1	192.7	215.8	236.5
-75°	0.0	19.2	40.1	59.9	79.4	100.9	121.5	141.4	160.6	181.1	199.5
-77.5°	0.0	16.0	33.6	50.1	66.1	82.5	99.9	116.7	132.7	147.6	162.5
-80°	0.0	12.9	27.0	40.2	53.0	65.5	78.1	91.9	105.0	117.3	128.8
-82.5°	0.0	9.7	20.3	30.2	39.8	49.2	58.4	67.8	77.3	87.0	96.1
-85°	0.0	6.5	13.6	20.1	26.6	32.9	39.0	45.3	51.5	57.6	63.7
-87.5°	0.0	3.2	6.8	10.1	13.3	16.5	19.5	22.7	25.8	28.8	31.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	30.2	31.4	32.4	33.2	34.4	35.5	36.5	37.3	38.0	38.5	38.9
85°	60.4	62.9	70.3	77.4	84.8	91.5	97.5	102.8	107.0	110.5	113.2
82.5°	117.9	130.5	142.4	153.7	163.9	173.1	181.9	192.0	200.2	207.0	212.6
80°	180.9	198.1	219.0	238.6	256.3	272.4	287.2	300.4	310.8	321.2	331.3
77.5°	254.2	282.1	308.0	332.0	355.1	382.1	407.0	429.9	447.5	460.9	471.1
75°	333.1	366.1	404.0	441.4	476.6	509.0	540.5	578.7	610.0	633.4	652.2
72.5°	417.3	464.8	511.1	555.9	607.6	657.8	706.5	753.6	795.0	825.3	849.9
70°	508.3	563.5	627.4	692.0	754.1	817.1	884.3	945.5	996.1	1031.9	1066.0
67.5°	601.2	678.7	754.3	832.1	920.1	1000.2	1073.6	1151.1	1219.3	1264.2	1303.4
65°	708.3	795.0	896.0	999.1	1095.7	1195.9	1288.6	1372.5	1458.7	1521.2	1572.6
62.5°	811.9	933.8	1052.9	1173.5	1294.9	1403.8	1524.9	1633.0	1719.5	1809.1	1885.8
60°	934.8	1079.6	1225.6	1371.0	1506.9	1659.9	1792.7	1918.2	2034.0	2133.8	2228.1
57.5°	1057.4	1244.4	1417.1	1587.7	1767.5	1931.2	2087.3	2227.9	2366.2	2481.7	2595.0
55°	1186.4	1427.1	1626.4	1837.2	2035.0	2219.8	2395.2	2571.3	2718.7	2877.8	3016.3
52.5°	1329.5	1604.5	1862.0	2094.1	2317.1	2530.3	2740.0	2952.0	3159.0	3324.0	3480.5
50°	1463.3	1791.0	2100.9	2365.7	2622.0	2875.0	3137.2	3402.2	3630.4	3819.1	3982.0
47.5°	1610.6	1964.4	2358.0	2651.0	2958.4	3272.1	3590.4	3883.1	4131.7	4388.4	4568.3
45°	1754.1	2139.8	2566.9	2973.3	3329.1	3709.0	4059.6	4382.5	4742.8	5023.1	5263.6
42.5°	1885.0	2305.9	2781.4	3298.6	3743.6	4151.3	4530.7	4985.0	5398.9	5726.6	6026.6
40°	2019.9	2457.1	2976.3	3600.9	4156.9	4592.1	5053.9	5555.9	6094.6	6497.9	6856.5
37.5°	2143.1	2611.8	3154.7	3831.5	4563.8	5042.2	5552.9	6097.4	6711.6	7318.2	7749.3
35°	2252.1	2742.7	3331.8	4019.1	4768.8	5478.5	6018.6	6598.5	7270.7	8057.8	8646.5
32.5°	2351.1	2849.7	3472.2	4165.5	4926.0	5758.1	6443.3	7038.8	7713.1	8525.3	9524.9
30°	2431.6	2953.2	3576.8	4271.2	5033.9	5862.6	6733.0	7381.7	8021.6	8818.7	9749.0
27.5°	2492.8	3029.2	3648.8	4337.2	5091.7	5911.2	6748.3	7548.6	8168.2	8918.2	9764.2
25°	2539.7	3091.4	3687.0	4361.7	5100.1	5889.9	6695.4	7452.8	8148.2	8809.5	9568.7
22.5°	2578.6	3134.3	3728.8	4345.2	5061.7	5814.0	6571.6	7293.7	7966.9	8586.0	9239.0
20°	2607.8	3161.7	3749.9	4361.3	4997.1	5690.8	6415.3	7102.6	7752.9	8352.3	8883.8
17.5°	2620.9	3169.9	3749.9	4358.3	4986.2	5593.1	6223.9	6884.5	7523.8	8119.3	8644.4
15°	2618.5	3159.3	3729.3	4335.1	4953.5	5554.7	6135.8	6680.8	7276.2	7878.2	8401.4
12.5°	2601.2	3130.7	3688.7	4291.7	4900.5	5494.4	6065.1	6612.3	7146.1	7650.3	8150.5
10°	2569.6	3085.0	3629.0	4228.3	4827.0	5412.2	5975.5	6524.6	7052.8	7547.8	8013.6
7.5°	2537.2	3033.8	3557.3	4145.4	4733.4	5308.2	5866.4	6416.5	6934.4	7428.4	7898.8
5°	2494.5	2979.7	3502.6	4066.0	4632.7	5193.5	5739.8	6287.1	6791.3	7289.8	7762.1
2.5°	2440.2	2912.3	3433.7	3969.8	4520.1	5074.9	5602.9	6140.0	6657.0	7136.0	7601.4
0°	2375.2	2832.6	3350.4	3855.6	4388.4	4936.3	5444.0	5969.3	6507.2	6959.6	7414.6
-2.5°	2304.4	2737.1	3229.0	3731.6	4246.6	4784.0	5304.5	5802.5	6328.5	6785.8	7250.4
-5°	2225.1	2631.7	3094.9	3591.9	4088.2	4612.0	5142.2	5615.8	6118.3	6570.5	7027.4
-7.5°	2138.4	2517.9	2949.8	3434.8	3907.7	4401.7	4903.9	5359.5	5848.0	6295.2	6740.3
-10°	2046.8	2405.6	2808.8	3257.4	3703.1	4163.6	4635.3	5081.4	5551.1	5996.6	6424.9
-12.5°	1959.2	2294.9	2663.5	3071.3	3487.3	3912.8	4351.5	4782.2	5227.8	5675.3	6075.7
-15°	1867.3	2178.6	2513.3	2878.9	3262.0	3651.3	4054.2	4461.8	4880.0	5317.9	5687.8
-17.5°	1772.3	2057.7	2360.1	2682.2	3028.7	3381.3	3751.7	4145.1	4527.8	4926.7	5284.5
-20°	1675.0	1933.3	2205.6	2483.2	2791.0	3129.1	3475.6	3828.6	4176.4	4523.8	4859.8



REPORT NUMBER: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	1576.4	1806.2	2054.0	2298.2	2591.1	2896.3	3200.3	3506.8	3818.8	4117.8	4435.7
-25°	1481.2	1688.2	1907.1	2144.5	2395.8	2664.9	2926.2	3185.2	3461.9	3742.2	4015.8
-27.5°	1389.4	1572.0	1778.7	1990.4	2199.8	2439.3	2667.9	2887.5	3129.0	3376.2	3597.2
-30°	1297.4	1470.8	1651.8	1839.7	2023.9	2223.8	2421.5	2614.0	2810.8	3022.6	3214.0
-32.5°	1212.0	1370.4	1535.0	1699.7	1856.1	2011.2	2193.9	2364.9	2525.9	2676.7	2843.8
-35°	1134.1	1279.2	1422.3	1564.3	1693.1	1829.5	1982.3	2126.4	2255.5	2376.7	2504.4
-37.5°	1060.5	1189.7	1310.2	1437.2	1551.6	1668.4	1780.9	1905.6	2010.3	2107.1	2211.9
-40°	986.7	1102.2	1210.8	1316.7	1421.7	1519.3	1615.2	1700.1	1784.4	1877.4	1949.5
-42.5°	914.0	1021.3	1118.4	1199.8	1298.8	1382.9	1457.3	1527.7	1596.6	1669.2	1726.9
-45°	849.9	941.3	1029.9	1107.8	1182.0	1253.7	1316.9	1372.1	1437.4	1487.7	1531.4
-47.5°	785.2	864.4	945.4	1017.3	1079.4	1137.6	1184.6	1240.1	1293.5	1336.7	1362.2
-50°	721.6	794.0	862.6	929.6	985.8	1032.6	1073.1	1118.8	1163.2	1199.9	1224.2
-52.5°	662.9	723.3	786.9	844.0	895.8	937.6	976.4	1016.1	1048.6	1073.8	1105.6
-55°	604.9	660.7	713.7	764.9	809.2	847.6	885.5	920.7	948.6	970.4	996.7
-57.5°	550.5	600.8	647.1	690.0	729.8	762.7	799.6	829.8	855.7	876.1	903.2
-60°	497.4	542.4	584.5	622.0	654.6	687.1	717.2	744.8	767.5	787.7	812.5
-62.5°	444.7	485.3	523.3	557.7	587.3	614.3	641.4	664.9	683.9	704.8	725.4
-65°	395.3	429.5	462.8	494.1	522.2	547.8	570.2	589.2	607.0	625.6	642.1
-67.5°	346.0	378.0	405.8	430.8	456.7	481.5	502.2	519.8	534.7	549.8	563.7
-70°	301.9	327.3	352.8	375.2	395.0	415.7	435.8	452.4	465.6	477.6	488.9
-72.5°	258.5	281.1	302.0	321.4	339.4	356.0	371.8	386.9	399.2	408.5	416.7
-75°	217.4	234.9	253.0	270.0	284.5	297.4	309.6	321.6	331.7	339.6	346.2
-77.5°	177.9	192.7	206.6	219.6	230.1	240.3	249.8	258.5	266.2	272.3	276.7
-80°	139.7	150.4	161.7	172.3	180.4	187.3	193.3	198.4	204.2	210.1	215.2
-82.5°	104.0	111.7	119.2	126.4	132.1	136.8	141.0	145.0	149.1	152.9	156.2
-85°	68.5	72.9	77.4	81.8	86.1	89.9	93.2	96.0	98.2	100.2	101.7
-87.5°	34.2	36.4	38.5	40.4	42.5	44.4	46.3	48.0	49.1	50.1	50.8
-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: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	39.2	39.2	39.2	39.0	38.7	37.2	35.4	33.6	31.6	32.5	33.4
85°	115.2	115.7	115.3	114.2	112.3	112.2	111.8	111.1	110.0	111.7	113.1
82.5°	216.9	218.5	218.7	217.7	215.4	216.4	216.8	216.4	215.1	216.6	217.6
80°	339.0	342.2	342.3	340.0	335.4	336.0	336.4	335.4	333.2	333.8	333.6
77.5°	482.9	490.3	492.9	491.8	487.2	485.8	482.5	475.9	466.3	466.1	466.4
75°	666.3	674.0	677.9	677.6	673.2	670.2	666.1	658.5	647.7	647.3	647.4
72.5°	868.9	880.0	885.1	889.6	889.6	888.0	882.5	871.2	854.6	852.6	854.7
70°	1092.6	1111.4	1123.4	1132.5	1139.8	1141.3	1137.8	1128.7	1114.2	1110.3	1109.1
67.5°	1341.8	1371.9	1394.7	1409.9	1424.1	1434.4	1438.3	1434.2	1422.4	1418.5	1420.0
65°	1621.0	1667.5	1705.8	1734.5	1753.8	1767.4	1779.3	1786.4	1788.1	1792.3	1797.8
62.5°	1947.3	2004.3	2057.6	2094.0	2112.7	2125.9	2164.2	2186.2	2192.6	2194.0	2202.4
60°	2311.5	2383.6	2450.2	2503.6	2546.8	2579.5	2612.1	2633.6	2641.7	2643.3	2654.9
57.5°	2709.9	2800.4	2878.3	2961.1	3018.8	3052.2	3095.8	3140.6	3164.1	3170.8	3198.4
55°	3150.5	3274.0	3375.0	3463.6	3544.2	3615.1	3675.0	3721.3	3755.5	3776.1	3812.7
52.5°	3637.8	3782.9	3888.6	3992.5	4108.1	4189.6	4242.9	4328.5	4390.4	4424.5	4468.1
50°	4172.8	4334.6	4478.5	4587.5	4722.0	4833.2	4914.4	4995.4	5052.1	5084.6	5126.8
47.5°	4781.9	4981.1	5148.2	5249.2	5405.2	5536.3	5589.2	5650.4	5757.2	5808.6	5853.7
45°	5467.7	5721.8	5907.3	6065.4	6199.6	6346.6	6443.0	6512.5	6617.8	6670.6	6703.9
42.5°	6283.6	6566.3	6810.8	7000.5	7113.3	7304.1	7443.3	7482.4	7631.5	7732.6	7762.3
40°	7198.7	7512.1	7834.5	8050.8	8232.5	8426.2	8655.7	8783.5	8909.6	9008.7	9031.2
37.5°	8152.2	8571.7	8939.8	9219.1	9519.3	9805.1	10048.4	10181.0	10263.8	10453.4	10524.2
35°	9121.6	9554.5	10070.2	10504.2	10868.0	11220.9	11498.4	11716.9	11925.0	12095.8	12198.1
32.5°	9947.1	10413.0	11049.7	11699.5	12092.3	12474.4	12930.3	13180.3	13458.0	13683.0	13847.3
30°	10625.5	11068.5	11648.1	12463.5	13001.4	13388.6	13965.6	14311.3	14613.7	14995.1	15127.8
27.5°	10657.7	11349.9	11862.5	12564.8	13372.0	13765.0	14192.0	14820.4	15011.1	15554.8	15633.2
25°	10378.0	11104.7	11631.5	12217.7	12888.8	13367.0	13757.0	14279.5	14553.1	14902.8	15171.4
22.5°	9940.4	10580.9	11118.3	11615.3	12139.1	12574.4	12930.9	13298.2	13598.5	13869.8	14121.8
20°	9457.2	10065.2	10574.8	11002.2	11417.3	11820.8	12141.5	12450.0	12709.7	12942.6	13086.1
17.5°	9116.9	9554.3	10075.0	10512.9	10872.6	11189.5	11521.1	11779.3	12007.2	12216.8	12347.9
15°	8884.5	9300.5	9671.2	10073.0	10452.2	10754.2	11003.9	11270.4	11467.3	11647.7	11789.8
12.5°	8643.3	9072.0	9459.9	9794.5	10091.4	10421.2	10688.2	10897.7	11104.3	11246.0	11391.9
10°	8441.8	8842.9	9245.3	9598.7	9911.0	10182.8	10435.6	10670.6	10856.0	11014.9	11129.8
7.5°	8325.0	8718.3	9079.9	9418.9	9723.4	10013.0	10273.7	10489.2	10672.8	10837.3	10957.7
5°	8189.4	8578.7	8939.7	9286.2	9578.7	9856.9	10116.5	10338.2	10528.4	10674.9	10790.1
2.5°	8034.0	8418.0	8778.1	9130.3	9422.7	9691.1	9936.8	10153.0	10351.0	10490.6	10588.7
0°	7856.9	8241.5	8593.3	8925.1	9219.2	9508.2	9734.4	9953.1	10146.6	10284.9	10382.9
-2.5°	7678.3	8060.5	8424.7	8742.6	9034.5	9301.4	9542.2	9748.6	9933.5	10071.1	10157.2
-5°	7440.9	7820.7	8180.2	8500.5	8805.4	9073.3	9307.4	9517.4	9695.5	9845.5	9962.3
-7.5°	7153.4	7537.5	7896.6	8223.6	8527.1	8780.3	9005.0	9216.6	9406.7	9570.7	9714.3
-10°	6837.3	7217.2	7556.5	7862.8	8145.6	8402.9	8642.0	8851.1	9025.3	9185.9	9306.8
-12.5°	6469.2	6820.9	7152.8	7454.8	7731.2	7988.9	8216.3	8415.5	8590.8	8733.1	8842.1
-15°	6063.0	6396.8	6711.2	7019.8	7309.3	7563.1	7763.1	7973.0	8124.9	8263.0	8361.2
-17.5°	5628.4	5951.1	6281.8	6591.2	6858.4	7108.8	7328.9	7520.6	7680.1	7806.8	7917.5
-20°	5187.9	5516.7	5834.9	6129.7	6386.7	6618.8	6841.8	7025.9	7189.4	7327.2	7457.0



REPORT NUMBER: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	4745.6	5047.1	5345.7	5634.2	5877.2	6096.7	6291.8	6468.1	6612.3	6774.8	6889.4
-25°	4291.0	4555.3	4825.1	5079.9	5309.6	5525.3	5702.2	5856.7	6007.1	6163.9	6275.7
-27.5°	3834.4	4068.1	4287.1	4512.6	4714.0	4900.8	5065.0	5200.2	5346.2	5450.8	5573.7
-30°	3382.8	3594.8	3777.5	3934.4	4123.7	4284.0	4411.8	4546.1	4666.7	4766.7	4870.3
-32.5°	3000.5	3145.4	3291.3	3422.5	3548.4	3680.2	3783.1	3900.4	3983.1	4069.2	4152.9
-35°	2633.0	2744.6	2841.5	2964.2	3058.6	3130.3	3216.2	3302.2	3335.2	3429.0	3478.9
-37.5°	2300.2	2373.4	2463.8	2549.3	2619.4	2673.0	2749.4	2794.5	2818.2	2878.9	2911.3
-40°	2015.3	2061.6	2146.0	2204.4	2246.5	2285.4	2348.9	2378.2	2410.6	2440.8	2441.7
-42.5°	1764.8	1824.3	1881.5	1927.4	1954.0	1998.4	2028.3	2031.6	2073.5	2100.3	2104.5
-45°	1559.9	1620.3	1665.7	1699.3	1725.9	1764.1	1783.4	1794.2	1828.3	1846.5	1854.5
-47.5°	1402.4	1444.7	1483.9	1509.9	1544.8	1573.0	1587.2	1605.2	1631.4	1648.1	1660.0
-50°	1263.9	1297.4	1327.3	1351.1	1385.8	1411.0	1424.5	1446.7	1466.3	1478.4	1487.7
-52.5°	1142.2	1172.1	1192.8	1216.0	1244.7	1267.0	1284.3	1306.2	1322.5	1333.2	1341.5
-55°	1028.3	1056.4	1076.6	1101.8	1122.4	1137.3	1152.0	1173.4	1189.5	1200.3	1207.4
-57.5°	927.7	948.8	968.6	991.5	1011.1	1027.4	1040.5	1052.3	1062.9	1071.8	1078.7
-60°	833.5	850.7	868.9	886.8	901.6	913.3	927.4	938.1	944.9	949.2	954.8
-62.5°	743.0	758.4	774.5	789.0	800.7	810.6	822.0	830.8	837.1	841.6	844.9
-65°	656.9	670.2	683.9	695.8	706.0	714.6	722.6	728.8	733.2	737.0	740.0
-67.5°	576.4	587.0	596.5	604.8	612.5	619.7	626.7	631.5	634.0	637.1	640.2
-70°	498.7	507.1	513.4	518.4	522.9	528.6	535.4	540.1	542.8	545.8	548.6
-72.5°	423.6	429.7	434.9	439.0	441.5	445.2	449.9	453.7	456.6	458.8	459.9
-75°	351.2	356.3	360.9	364.1	366.0	368.6	371.0	372.2	372.4	373.4	374.1
-77.5°	280.5	285.4	289.8	292.8	294.7	296.8	298.6	299.5	299.7	299.8	299.2
-80°	219.0	222.4	225.2	227.3	228.8	230.2	231.1	231.3	230.8	231.3	231.4
-82.5°	159.1	162.1	164.6	166.4	167.7	169.2	170.5	171.4	171.9	172.0	171.8
-85°	103.0	104.4	105.7	106.9	107.9	108.6	109.0	109.1	108.8	108.9	108.8
-87.5°	51.4	50.9	50.1	49.1	47.9	48.2	48.4	48.6	48.6	49.1	49.5
-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: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	34.3	35.1	32.7	30.2	32.7	35.1	34.3	33.4	32.5	31.6	33.6
85°	114.2	115.0	113.0	110.6	113.0	115.0	114.2	113.1	111.7	110.0	111.1
82.5°	217.9	217.5	215.9	213.6	215.9	217.5	217.9	217.6	216.6	215.1	216.4
80°	332.4	330.2	328.9	326.7	328.9	330.2	332.4	333.6	333.8	333.2	335.4
77.5°	465.2	462.7	466.8	470.0	466.8	462.7	465.2	466.4	466.1	466.3	475.9
75°	644.9	639.9	635.2	628.4	635.2	639.9	644.9	647.4	647.3	647.7	658.5
72.5°	853.7	849.8	846.0	839.5	846.0	849.8	853.7	854.7	852.6	854.6	871.2
70°	1102.4	1090.8	1092.7	1093.3	1092.7	1090.8	1102.4	1109.1	1110.3	1114.2	1128.7
67.5°	1415.5	1404.9	1406.2	1405.0	1406.2	1404.9	1415.5	1420.0	1418.5	1422.4	1434.2
65°	1794.5	1782.6	1768.1	1746.8	1768.1	1782.6	1794.5	1797.8	1792.3	1788.1	1786.4
62.5°	2201.3	2190.7	2196.8	2201.7	2196.8	2190.7	2201.3	2202.4	2194.0	2192.6	2186.2
60°	2653.0	2638.2	2630.9	2619.0	2630.9	2638.2	2653.0	2654.9	2643.3	2641.7	2633.6
57.5°	3211.1	3208.4	3201.8	3184.5	3201.8	3208.4	3211.1	3198.4	3170.8	3164.1	3140.6
55°	3829.8	3826.3	3840.6	3858.1	3840.6	3826.3	3829.8	3812.7	3776.1	3755.5	3721.3
52.5°	4500.3	4511.6	4507.6	4483.9	4507.6	4511.6	4500.3	4468.1	4424.5	4390.4	4328.5
50°	5164.0	5176.7	5190.3	5202.8	5190.3	5176.7	5164.0	5126.8	5084.6	5052.1	4995.4
47.5°	5916.1	5949.7	5955.5	5931.6	5955.5	5949.7	5916.1	5853.7	5808.6	5757.2	5650.4
45°	6770.7	6790.9	6801.2	6821.4	6801.2	6790.9	6770.7	6703.9	6670.6	6617.8	6512.5
42.5°	7848.1	7871.5	7875.1	7897.1	7875.1	7871.5	7848.1	7762.3	7732.6	7631.5	7482.4
40°	9126.9	9164.8	9158.2	9148.8	9158.2	9164.8	9126.9	9031.2	9008.7	8909.6	8783.5
37.5°	10623.9	10688.3	10695.0	10734.8	10695.0	10688.3	10623.9	10524.2	10453.4	10263.8	10181.0
35°	12304.0	12379.8	12366.6	12386.1	12366.6	12379.8	12304.0	12198.1	12095.8	11925.0	11716.9
32.5°	13998.6	14112.3	14135.2	14230.9	14135.2	14112.3	13998.6	13847.3	13683.0	13458.0	13180.3
30°	15330.1	15489.5	15593.5	15585.6	15593.5	15489.5	15330.1	15127.8	14995.1	14613.7	14311.3
27.5°	15881.6	16088.1	16281.4	16339.7	16281.4	16088.1	15881.6	15633.2	15554.8	15011.1	14820.4
25°	15343.5	15494.3	15665.0	15756.6	15665.0	15494.3	15343.5	15171.4	14902.8	14553.1	14279.5
22.5°	14237.7	14335.9	14394.0	14346.5	14394.0	14335.9	14237.7	14121.8	13869.8	13598.5	13298.2
20°	13234.4	13358.5	13381.6	13431.7	13381.6	13358.5	13234.4	13086.1	12942.6	12709.7	12450.0
17.5°	12487.6	12568.9	12616.6	12627.4	12616.6	12568.9	12487.6	12347.9	12216.8	12007.2	11779.3
15°	11902.3	11967.4	12010.2	12029.2	12010.2	11967.4	11902.3	11789.8	11647.7	11467.3	11270.4
12.5°	11487.5	11566.9	11605.9	11629.5	11605.9	11566.9	11487.5	11391.9	11246.0	11104.3	10897.7
10°	11221.6	11298.2	11329.1	11340.5	11329.1	11298.2	11221.6	11129.8	11014.9	10856.0	10670.6
7.5°	11030.6	11079.7	11100.6	11116.8	11100.6	11079.7	11030.6	10957.7	10837.3	10672.8	10489.2
5°	10876.5	10915.6	10937.6	10961.0	10937.6	10915.6	10876.5	10790.1	10674.9	10528.4	10338.2
2.5°	10666.7	10722.8	10761.5	10785.0	10761.5	10722.8	10666.7	10588.7	10490.6	10351.0	10153.0
0°	10460.8	10513.6	10541.2	10586.5	10541.2	10513.6	10460.8	10382.9	10284.9	10146.6	9953.1
-2.5°	10234.3	10295.5	10368.1	10438.2	10368.1	10295.5	10234.3	10157.2	10071.1	9933.5	9748.6
-5°	10061.1	10141.9	10157.0	10201.9	10157.0	10141.9	10061.1	9962.3	9845.5	9695.5	9517.4
-7.5°	9799.8	9836.6	9899.2	9910.4	9899.2	9836.6	9799.8	9714.3	9570.7	9406.7	9216.6
-10°	9397.1	9457.0	9496.1	9535.9	9496.1	9457.0	9397.1	9306.8	9185.9	9025.3	8851.1
-12.5°	8923.9	8994.3	9057.1	9048.3	9057.1	8994.3	8923.9	8842.1	8733.1	8590.8	8415.5
-15°	8463.0	8530.9	8574.1	8568.2	8574.1	8530.9	8463.0	8361.2	8263.0	8124.9	7973.0
-17.5°	8005.4	8067.4	8129.9	8128.4	8129.9	8067.4	8005.4	7917.5	7806.8	7680.1	7520.6
-20°	7532.9	7586.0	7652.9	7681.0	7652.9	7586.0	7532.9	7457.0	7327.2	7189.4	7025.9



REPORT NUMBER: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	6986.6	7054.5	7103.2	7133.1	7103.2	7054.5	6986.6	6889.4	6774.8	6612.3	6468.1
-25°	6349.8	6419.5	6456.5	6469.5	6456.5	6419.5	6349.8	6275.7	6163.9	6007.1	5856.7
-27.5°	5646.2	5724.4	5762.4	5743.1	5762.4	5724.4	5646.2	5573.7	5450.8	5346.2	5200.2
-30°	4924.8	4974.9	4980.7	5024.3	4980.7	4974.9	4924.8	4870.3	4766.7	4666.7	4546.1
-32.5°	4212.9	4246.5	4227.4	4230.1	4227.4	4246.5	4212.9	4152.9	4069.2	3983.1	3900.4
-35°	3510.0	3536.8	3542.2	3591.7	3542.2	3536.8	3510.0	3478.9	3429.0	3335.2	3302.2
-37.5°	2945.0	2955.7	2939.2	2915.6	2939.2	2955.7	2945.0	2911.3	2878.9	2818.2	2794.5
-40°	2465.6	2473.9	2467.8	2455.6	2467.8	2473.9	2465.6	2441.7	2440.8	2410.6	2378.2
-42.5°	2120.9	2120.9	2115.3	2113.8	2115.3	2120.9	2120.9	2104.5	2100.3	2073.5	2031.6
-45°	1866.1	1868.8	1868.4	1867.5	1868.4	1868.8	1866.1	1854.5	1846.5	1828.3	1794.2
-47.5°	1668.5	1669.1	1666.5	1661.4	1666.5	1669.1	1668.5	1660.0	1648.1	1631.4	1605.2
-50°	1493.6	1493.6	1497.0	1503.0	1497.0	1493.6	1493.6	1487.7	1478.4	1466.3	1446.7
-52.5°	1345.8	1345.5	1347.4	1349.7	1347.4	1345.5	1345.8	1341.5	1333.2	1322.5	1306.2
-55°	1210.6	1209.9	1208.1	1203.9	1208.1	1209.9	1210.6	1207.4	1200.3	1189.5	1173.4
-57.5°	1081.3	1079.8	1076.5	1070.7	1076.5	1079.8	1081.3	1078.7	1071.8	1062.9	1052.3
-60°	958.0	958.5	956.9	952.6	956.9	958.5	958.0	954.8	949.2	944.9	938.1
-62.5°	845.7	844.0	843.6	842.0	843.6	844.0	845.7	844.9	841.6	837.1	830.8
-65°	740.5	738.8	739.3	738.9	739.3	738.8	740.5	740.0	737.0	733.2	728.8
-67.5°	641.4	640.8	641.4	640.9	641.4	640.8	641.4	640.2	637.1	634.0	631.5
-70°	550.1	550.4	547.5	542.9	547.5	550.4	550.1	548.6	545.8	542.8	540.1
-72.5°	459.6	458.1	458.2	457.4	458.2	458.1	459.6	459.9	458.8	456.6	453.7
-75°	373.9	372.9	375.3	377.0	375.3	372.9	373.9	374.1	373.4	372.4	372.2
-77.5°	297.7	295.5	297.5	299.1	297.5	295.5	297.7	299.2	299.8	299.7	299.5
-80°	231.1	230.3	229.7	228.7	229.7	230.3	231.1	231.4	231.3	230.8	231.3
-82.5°	171.2	170.2	169.5	168.4	169.5	170.2	171.2	171.8	172.0	171.9	171.4
-85°	108.4	107.7	109.2	110.6	109.2	107.7	108.4	108.8	108.9	108.8	109.1
-87.5°	49.9	50.1	49.0	47.8	49.0	50.1	49.9	49.5	49.1	48.6	48.6
-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: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	35.4	37.2	38.7	39.0	39.2	39.2	39.2	38.9	38.5	38.0	37.3
85°	111.8	112.2	112.3	114.2	115.3	115.7	115.2	113.2	110.5	107.0	102.8
82.5°	216.8	216.4	215.4	217.7	218.7	218.5	216.9	212.6	207.0	200.2	192.0
80°	336.4	336.0	335.4	340.0	342.3	342.2	339.0	331.3	321.2	310.8	300.4
77.5°	482.5	485.8	487.2	491.8	492.9	490.3	482.9	471.1	460.9	447.5	429.9
75°	666.1	670.2	673.2	677.6	677.9	674.0	666.3	652.2	633.4	610.0	578.7
72.5°	882.5	888.0	889.6	889.6	885.1	880.0	868.9	849.9	825.3	795.0	753.6
70°	1137.8	1141.3	1139.8	1132.5	1123.4	1111.4	1092.6	1066.0	1031.9	996.1	945.5
67.5°	1438.3	1434.4	1424.1	1409.9	1394.7	1371.9	1341.8	1303.4	1264.2	1219.3	1151.1
65°	1779.3	1767.4	1753.8	1734.5	1705.8	1667.5	1621.0	1572.6	1521.2	1458.7	1372.5
62.5°	2164.2	2125.9	2112.7	2094.0	2057.6	2004.3	1947.3	1885.8	1809.1	1719.5	1633.0
60°	2612.1	2579.5	2546.8	2503.6	2450.2	2383.6	2311.5	2228.1	2133.8	2034.0	1918.2
57.5°	3095.8	3052.2	3018.8	2961.1	2878.3	2800.4	2709.9	2595.0	2481.7	2366.2	2227.9
55°	3675.0	3615.1	3544.2	3463.6	3375.0	3274.0	3150.5	3016.3	2877.8	2718.7	2571.3
52.5°	4242.9	4189.6	4108.1	3992.5	3888.6	3782.9	3637.8	3480.5	3324.0	3159.0	2952.0
50°	4914.4	4833.2	4722.0	4587.5	4478.5	4334.6	4172.8	3982.0	3819.1	3630.4	3402.2
47.5°	5589.2	5536.3	5405.2	5249.2	5148.2	4981.1	4781.9	4568.3	4388.4	4131.7	3883.1
45°	6443.0	6346.6	6199.6	6065.4	5907.3	5721.8	5467.7	5263.6	5023.1	4742.8	4382.5
42.5°	7443.3	7304.1	7113.3	7000.5	6810.8	6566.3	6283.6	6026.6	5726.6	5398.9	4985.0
40°	8655.7	8426.2	8232.5	8050.8	7834.5	7512.1	7198.7	6856.5	6497.9	6094.6	5555.9
37.5°	10048.4	9805.1	9519.3	9219.1	8939.8	8571.7	8152.2	7749.3	7318.2	6711.6	6097.4
35°	11498.4	11220.9	10868.0	10504.2	10070.2	9554.5	9121.6	8646.5	8057.8	7270.7	6598.5
32.5°	12930.3	12474.4	12092.3	11699.5	11049.7	10413.0	9947.1	9524.9	8525.3	7713.1	7038.8
30°	13965.6	13388.6	13001.4	12463.5	11648.1	11068.5	10625.5	9749.0	8818.7	8021.6	7381.7
27.5°	14192.0	13765.0	13372.0	12564.8	11862.5	11349.9	10657.7	9764.2	8918.2	8168.2	7548.6
25°	13757.0	13367.0	12888.8	12217.7	11631.5	11104.7	10378.0	9568.7	8809.5	8148.2	7452.8
22.5°	12930.9	12574.4	12139.1	11615.3	11118.3	10580.9	9940.4	9239.0	8586.0	7966.9	7293.7
20°	12141.5	11820.8	11417.3	11002.2	10574.8	10065.2	9457.2	8883.8	8352.3	7752.9	7102.6
17.5°	11521.1	11189.5	10872.6	10512.9	10075.0	9554.3	9116.9	8644.4	8119.3	7523.8	6884.5
15°	11003.9	10754.2	10452.2	10073.0	9671.2	9300.5	8884.5	8401.4	7878.2	7276.2	6680.8
12.5°	10688.2	10421.2	10091.4	9794.5	9459.9	9072.0	8643.3	8150.5	7650.3	7146.1	6612.3
10°	10435.6	10182.8	9911.0	9598.7	9245.3	8842.9	8441.8	8013.6	7547.8	7052.8	6524.6
7.5°	10273.7	10013.0	9723.4	9418.9	9079.9	8718.3	8325.0	7898.8	7428.4	6934.4	6416.5
5°	10116.5	9856.9	9578.7	9286.2	8939.7	8578.7	8189.4	7762.1	7289.8	6791.3	6287.1
2.5°	9936.8	9691.1	9422.7	9130.3	8778.1	8418.0	8034.0	7601.4	7136.0	6657.0	6140.0
0°	9734.4	9508.2	9219.2	8925.1	8593.3	8241.5	7856.9	7414.6	6959.6	6507.2	5969.3
-2.5°	9542.2	9301.4	9034.5	8742.6	8424.7	8060.5	7678.3	7250.4	6785.8	6328.5	5802.5
-5°	9307.4	9073.3	8805.4	8500.5	8180.2	7820.7	7440.9	7027.4	6570.5	6118.3	5615.8
-7.5°	9005.0	8780.3	8527.1	8223.6	7896.6	7537.5	7153.4	6740.3	6295.2	5848.0	5359.5
-10°	8642.0	8402.9	8145.6	7862.8	7556.5	7217.2	6837.3	6424.9	5996.6	5551.1	5081.4
-12.5°	8216.3	7988.9	7731.2	7454.8	7152.8	6820.9	6469.2	6075.7	5675.3	5227.8	4782.2
-15°	7763.1	7563.1	7309.3	7019.8	6711.2	6396.8	6063.0	5687.8	5317.9	4880.0	4461.8
-17.5°	7328.9	7108.8	6858.4	6591.2	6281.8	5951.1	5628.4	5284.5	4926.7	4527.8	4145.1
-20°	6841.8	6618.8	6386.7	6129.7	5834.9	5516.7	5187.9	4859.8	4523.8	4176.4	3828.6



REPORT NUMBER: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6291.8	6096.7	5877.2	5634.2	5345.7	5047.1	4745.6	4435.7	4117.8	3818.8	3506.8
-25°	5702.2	5525.3	5309.6	5079.9	4825.1	4555.3	4291.0	4015.8	3742.2	3461.9	3185.2
-27.5°	5065.0	4900.8	4714.0	4512.6	4287.1	4068.1	3834.4	3597.2	3376.2	3129.0	2887.5
-30°	4411.8	4284.0	4123.7	3934.4	3777.5	3594.8	3382.8	3214.0	3022.6	2810.8	2614.0
-32.5°	3783.1	3680.2	3548.4	3422.5	3291.3	3145.4	3000.5	2843.8	2676.7	2525.9	2364.9
-35°	3216.2	3130.3	3058.6	2964.2	2841.5	2744.6	2633.0	2504.4	2376.7	2255.5	2126.4
-37.5°	2749.4	2673.0	2619.4	2549.3	2463.8	2373.4	2300.2	2211.9	2107.1	2010.3	1905.6
-40°	2348.9	2285.4	2246.5	2204.4	2146.0	2061.6	2015.3	1949.5	1877.4	1784.4	1700.1
-42.5°	2028.3	1998.4	1954.0	1927.4	1881.5	1824.3	1764.8	1726.9	1669.2	1596.6	1527.7
-45°	1783.4	1764.1	1725.9	1699.3	1665.7	1620.3	1559.9	1531.4	1487.7	1437.4	1372.1
-47.5°	1587.2	1573.0	1544.8	1509.9	1483.9	1444.7	1402.4	1362.2	1336.7	1293.5	1240.1
-50°	1424.5	1411.0	1385.8	1351.1	1327.3	1297.4	1263.9	1224.2	1199.9	1163.2	1118.8
-52.5°	1284.3	1267.0	1244.7	1216.0	1192.8	1172.1	1142.2	1105.6	1073.8	1048.6	1016.1
-55°	1152.0	1137.3	1122.4	1101.8	1076.6	1056.4	1028.3	996.7	970.4	948.6	920.7
-57.5°	1040.5	1027.4	1011.1	991.5	968.6	948.8	927.7	903.2	876.1	855.7	829.8
-60°	927.4	913.3	901.6	886.8	868.9	850.7	833.5	812.5	787.7	767.5	744.8
-62.5°	822.0	810.6	800.7	789.0	774.5	758.4	743.0	725.4	704.8	683.9	664.9
-65°	722.6	714.6	706.0	695.8	683.9	670.2	656.9	642.1	625.6	607.0	589.2
-67.5°	626.7	619.7	612.5	604.8	596.5	587.0	576.4	563.7	549.8	534.7	519.8
-70°	535.4	528.6	522.9	518.4	513.4	507.1	498.7	488.9	477.6	465.6	452.4
-72.5°	449.9	445.2	441.5	439.0	434.9	429.7	423.6	416.7	408.5	399.2	386.9
-75°	371.0	368.6	366.0	364.1	360.9	356.3	351.2	346.2	339.6	331.7	321.6
-77.5°	298.6	296.8	294.7	292.8	289.8	285.4	280.5	276.7	272.3	266.2	258.5
-80°	231.1	230.2	228.8	227.3	225.2	222.4	219.0	215.2	210.1	204.2	198.4
-82.5°	170.5	169.2	167.7	166.4	164.6	162.1	159.1	156.2	152.9	149.1	145.0
-85°	109.0	108.6	107.9	106.9	105.7	104.4	103.0	101.7	100.2	98.2	96.0
-87.5°	48.4	48.2	47.9	49.1	50.1	50.9	51.4	50.8	50.1	49.1	48.0
-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: P559194 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	36.5	35.5	34.4	33.2	32.4	31.4	30.2	28.7	26.2	23.6	21.0
85°	97.5	91.5	84.8	77.4	70.3	62.9	60.4	57.3	52.4	47.3	41.9
82.5°	181.9	173.1	163.9	153.7	142.4	130.5	117.9	104.5	88.1	72.3	62.8
80°	287.2	272.4	256.3	238.6	219.0	198.1	180.9	162.1	138.8	116.4	94.8
77.5°	407.0	382.1	355.1	332.0	308.0	282.1	254.2	222.8	189.0	160.0	132.1
75°	540.5	509.0	476.6	441.4	404.0	366.1	333.1	294.6	248.9	204.3	168.9
72.5°	706.5	657.8	607.6	555.9	511.1	464.8	417.3	365.3	311.6	259.1	208.0
70°	884.3	817.1	754.1	692.0	627.4	563.5	508.3	443.9	373.4	312.9	254.3
67.5°	1073.6	1000.2	920.1	832.1	754.3	678.7	601.2	523.3	444.3	365.9	299.7
65°	1288.6	1195.9	1095.7	999.1	896.0	795.0	708.3	605.5	513.7	427.2	344.1
62.5°	1524.9	1403.8	1294.9	1173.5	1052.9	933.8	811.9	696.0	584.0	487.0	393.5
60°	1792.7	1659.9	1506.9	1371.0	1225.6	1079.6	934.8	783.6	661.3	545.3	444.1
57.5°	2087.3	1931.2	1767.5	1587.7	1417.1	1244.4	1057.4	883.7	735.9	608.6	492.7
55°	2395.2	2219.8	2035.0	1837.2	1626.4	1427.1	1186.4	986.2	811.3	671.2	537.9
52.5°	2740.0	2530.3	2317.1	2094.1	1862.0	1604.5	1329.5	1082.8	895.9	731.0	585.9
50°	3137.2	2875.0	2622.0	2365.7	2100.9	1791.0	1463.3	1198.2	975.2	791.4	631.6
47.5°	3590.4	3272.1	2958.4	2651.0	2358.0	1964.4	1610.6	1308.3	1049.1	855.8	674.1
45°	4059.6	3709.0	3329.1	2973.3	2566.9	2139.8	1754.1	1409.7	1138.4	911.9	713.3
42.5°	4530.7	4151.3	3743.6	3298.6	2781.4	2305.9	1885.0	1523.7	1220.7	963.4	754.4
40°	5053.9	4592.1	4156.9	3600.9	2976.3	2457.1	2019.9	1630.6	1294.8	1015.3	795.6
37.5°	5552.9	5042.2	4563.8	3831.5	3154.7	2611.8	2143.1	1726.3	1362.5	1071.4	833.0
35°	6018.6	5478.5	4768.8	4019.1	3331.8	2742.7	2252.1	1816.5	1434.4	1120.8	866.5
32.5°	6443.3	5758.1	4926.0	4165.5	3472.2	2849.7	2351.1	1896.8	1496.0	1163.5	896.2
30°	6733.0	5862.6	5033.9	4271.2	3576.8	2953.2	2431.6	1963.4	1547.2	1199.5	923.8
27.5°	6748.3	5911.2	5091.7	4337.2	3648.8	3029.2	2492.8	2016.4	1588.1	1233.0	952.4
25°	6695.4	5889.9	5100.1	4361.7	3687.0	3091.4	2539.7	2056.2	1625.7	1265.5	975.8
22.5°	6571.6	5814.0	5061.7	4345.2	3728.8	3134.3	2578.6	2090.1	1656.1	1290.0	994.0
20°	6415.3	5690.8	4997.1	4361.3	3749.9	3161.7	2607.8	2112.1	1675.8	1306.7	1007.1
17.5°	6223.9	5593.1	4986.2	4358.3	3749.9	3169.9	2620.9	2122.2	1685.1	1315.8	1015.3
15°	6135.8	5554.7	4953.5	4335.1	3729.3	3159.3	2618.5	2120.8	1684.4	1317.6	1021.0
12.5°	6065.1	5494.4	4900.5	4291.7	3688.7	3130.7	2601.2	2108.2	1674.3	1317.6	1025.3
10°	5975.5	5412.2	4827.0	4228.3	3629.0	3085.0	2569.6	2089.1	1669.3	1315.5	1025.6
7.5°	5866.4	5308.2	4733.4	4145.4	3557.3	3033.8	2537.2	2067.7	1658.8	1307.7	1022.0
5°	5739.8	5193.5	4632.7	4066.0	3502.6	2979.7	2494.5	2036.0	1641.1	1294.7	1014.8
2.5°	5602.9	5074.9	4520.1	3969.8	3433.7	2912.3	2440.2	1994.9	1616.8	1276.7	1004.2
0°	5444.0	4936.3	4388.4	3855.6	3350.4	2832.6	2375.2	1945.4	1586.0	1254.2	990.3
-2.5°	5304.5	4784.0	4246.6	3731.6	3229.0	2737.1	2304.4	1895.6	1551.9	1232.0	975.7
-5°	5142.2	4612.0	4088.2	3591.9	3094.9	2631.7	2225.1	1839.3	1512.3	1206.0	958.3
-7.5°	4903.9	4401.7	3907.7	3434.8	2949.8	2517.9	2138.4	1777.3	1467.8	1176.3	938.2
-10°	4635.3	4163.6	3703.1	3257.4	2808.8	2405.6	2046.8	1710.4	1418.9	1143.3	915.7
-12.5°	4351.5	3912.8	3487.3	3071.3	2663.5	2294.9	1959.2	1644.8	1366.8	1107.4	891.0
-15°	4054.2	3651.3	3262.0	2878.9	2513.3	2178.6	1867.3	1577.8	1315.5	1070.6	864.3
-17.5°	3751.7	3381.3	3028.7	2682.2	2360.1	2057.7	1772.3	1507.4	1261.4	1033.7	837.6
-20°	3475.6	3129.1	2791.0	2483.2	2205.6	1933.3	1675.0	1434.2	1204.9	994.9	810.5



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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°	3200.3	2896.3	2591.1	2298.2	2054.0	1806.2	1576.4	1358.7	1146.5	954.4	781.5
-25°	2926.2	2664.9	2395.8	2144.5	1907.1	1688.2	1481.2	1281.4	1086.6	912.4	750.7
-27.5°	2667.9	2439.3	2199.8	1990.4	1778.7	1572.0	1389.4	1208.0	1028.6	869.3	718.4
-30°	2421.5	2223.8	2023.9	1839.7	1651.8	1470.8	1297.4	1134.8	975.6	827.6	684.5
-32.5°	2193.9	2011.2	1856.1	1699.7	1535.0	1370.4	1212.0	1062.0	922.4	786.0	652.9
-35°	1982.3	1829.5	1693.1	1564.3	1422.3	1279.2	1134.1	989.9	869.2	743.3	621.7
-37.5°	1780.9	1668.4	1551.6	1437.2	1310.2	1189.7	1060.5	930.4	816.2	699.4	589.8
-40°	1615.2	1519.3	1421.7	1316.7	1210.8	1102.2	986.7	873.9	764.7	654.6	557.5
-42.5°	1457.3	1382.9	1298.8	1199.8	1118.4	1021.3	914.0	816.5	714.8	614.2	524.7
-45°	1316.9	1253.7	1182.0	1107.8	1029.9	941.3	849.9	758.6	664.9	576.3	492.9
-47.5°	1184.6	1137.6	1079.4	1017.3	945.4	864.4	785.2	703.4	615.0	538.3	462.5
-50°	1073.1	1032.6	985.8	929.6	862.6	794.0	721.6	648.4	573.0	500.9	431.5
-52.5°	976.4	937.6	895.8	844.0	786.9	723.3	662.9	594.5	530.3	464.6	399.9
-55°	885.5	847.6	809.2	764.9	713.7	660.7	604.9	546.7	486.9	428.5	368.3
-57.5°	799.6	762.7	729.8	690.0	647.1	600.8	550.5	498.3	445.3	391.8	340.1
-60°	717.2	687.1	654.6	622.0	584.5	542.4	497.4	450.5	404.0	355.6	311.7
-62.5°	641.4	614.3	587.3	557.7	523.3	485.3	444.7	404.9	362.3	323.0	282.7
-65°	570.2	547.8	522.2	494.1	462.8	429.5	395.3	358.9	324.6	290.0	253.7
-67.5°	502.2	481.5	456.7	430.8	405.8	378.0	346.0	316.9	287.7	256.7	225.0
-70°	435.8	415.7	395.0	375.2	352.8	327.3	301.9	276.4	250.6	224.7	196.2
-72.5°	371.8	356.0	339.4	321.4	302.0	281.1	258.5	236.5	215.8	192.7	167.1
-75°	309.6	297.4	284.5	270.0	253.0	234.9	217.4	199.5	181.1	160.6	141.4
-77.5°	249.8	240.3	230.1	219.6	206.6	192.7	177.9	162.5	147.6	132.7	116.7
-80°	193.3	187.3	180.4	172.3	161.7	150.4	139.7	128.8	117.3	105.0	91.9
-82.5°	141.0	136.8	132.1	126.4	119.2	111.7	104.0	96.1	87.0	77.3	67.8
-85°	93.2	89.9	86.1	81.8	77.4	72.9	68.5	63.7	57.6	51.5	45.3
-87.5°	46.3	44.4	42.5	40.4	38.5	36.4	34.2	31.9	28.8	25.8	22.7
-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°	18.2	15.4	12.4	9.4	6.4	3.1	0.0
85°	36.4	30.7	24.9	18.8	12.7	6.2	0.0
82.5°	54.5	46.0	37.2	28.2	19.0	9.3	0.0
80°	74.2	61.2	49.5	37.6	25.3	12.4	0.0
77.5°	105.3	79.8	61.8	46.8	31.5	15.5	0.0
75°	136.1	104.7	75.2	56.0	37.6	18.5	0.0
72.5°	166.3	129.2	94.2	65.1	43.7	21.5	0.0
70°	197.2	153.2	112.8	74.9	49.7	24.5	0.0
67.5°	234.9	176.7	131.1	88.2	55.6	27.4	0.0
65°	271.6	202.8	148.9	101.3	61.4	30.2	0.0
62.5°	307.0	231.3	166.3	113.9	67.0	33.0	0.0
60°	341.2	258.8	183.2	126.3	72.5	35.7	0.0
57.5°	379.8	285.2	203.4	138.3	80.3	38.4	0.0
55°	417.2	310.5	223.0	149.8	87.8	41.0	0.0
52.5°	452.7	335.3	241.8	161.0	95.1	43.5	0.0
50°	486.1	362.4	259.7	171.6	102.2	45.9	0.0
47.5°	517.9	388.0	276.6	182.4	109.0	48.2	0.0
45°	551.2	411.8	292.5	194.3	115.5	50.4	0.0
42.5°	581.8	433.9	307.4	205.4	121.7	52.5	0.0
40°	609.8	454.2	322.5	216.1	127.6	54.5	0.0
37.5°	635.0	472.7	337.7	226.2	133.2	56.4	0.0
35°	657.4	491.1	351.5	235.6	138.5	58.2	0.0
32.5°	679.0	508.3	363.9	244.4	143.4	59.9	0.0
30°	702.2	523.5	375.0	252.5	147.9	61.5	0.0
27.5°	722.2	536.6	385.6	259.9	152.2	63.0	0.0
25°	739.1	547.5	394.9	266.6	156.0	64.3	0.0
22.5°	752.9	557.1	402.9	272.6	159.5	65.5	0.0
20°	763.6	566.6	409.6	277.9	162.6	66.6	0.0
17.5°	773.3	574.5	415.0	282.5	165.3	67.5	0.0
15°	781.1	580.7	419.2	286.3	167.6	68.3	0.0
12.5°	785.9	585.2	422.1	289.4	169.6	69.0	0.0
10°	787.8	588.0	423.8	291.8	171.1	69.5	0.0
7.5°	786.9	589.3	424.4	293.4	172.3	70.0	0.0
5°	783.4	588.8	423.9	294.3	173.1	70.2	0.0
2.5°	777.4	586.8	422.3	294.6	173.4	70.4	0.0
0°	769.1	583.1	419.7	294.1	173.4	70.4	0.0
-2.5°	760.3	577.6	417.7	292.8	173.0	70.5	0.0
-5°	749.4	570.6	414.7	290.7	172.2	70.5	0.0
-7.5°	736.5	562.2	410.7	288.1	171.0	70.3	0.0
-10°	721.7	552.5	405.9	284.7	169.5	70.0	0.0
-12.5°	705.1	541.6	400.1	280.8	167.5	69.5	0.0
-15°	686.9	529.6	393.4	276.2	165.3	68.9	0.0
-17.5°	667.0	516.6	385.8	271.0	162.7	68.2	0.0
-20°	646.5	502.7	377.4	265.3	159.8	67.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	625.8	488.0	368.1	259.0	156.5	66.4	0.0
-25°	604.0	473.3	358.0	252.2	152.9	65.2	0.0
-27.5°	581.0	457.9	347.1	244.9	149.1	64.0	0.0
-30°	557.0	441.6	335.5	237.1	144.9	62.6	0.0
-32.5°	532.0	424.3	323.5	228.8	140.5	61.1	0.0
-35°	508.8	406.2	310.8	220.0	135.8	59.4	0.0
-37.5°	485.7	388.0	297.6	210.9	130.9	57.7	0.0
-40°	461.8	370.5	283.7	201.3	125.7	55.8	0.0
-42.5°	437.1	352.4	270.0	191.4	120.3	53.8	0.0
-45°	411.7	333.7	256.3	181.2	114.6	51.6	0.0
-47.5°	385.6	314.5	242.2	170.6	108.8	49.4	0.0
-50°	361.7	294.9	227.5	161.1	102.7	47.1	0.0
-52.5°	337.8	274.8	212.5	151.7	96.5	44.7	0.0
-55°	313.6	255.3	197.0	142.1	90.1	42.1	0.0
-57.5°	289.0	235.6	181.1	132.2	83.5	39.5	0.0
-60°	264.1	215.5	165.0	122.1	76.8	36.8	0.0
-62.5°	239.8	195.0	151.3	111.8	71.1	34.0	0.0
-65°	215.2	174.1	137.3	101.2	65.2	31.2	0.0
-67.5°	190.1	154.8	123.2	90.4	59.1	28.3	0.0
-70°	164.8	137.0	108.8	79.5	52.9	25.3	0.0
-72.5°	143.0	119.0	94.2	69.6	46.6	22.2	0.0
-75°	121.5	100.9	79.4	59.9	40.1	19.2	0.0
-77.5°	99.9	82.5	66.1	50.1	33.6	16.0	0.0
-80°	78.1	65.5	53.0	40.2	27.0	12.9	0.0
-82.5°	58.4	49.2	39.8	30.2	20.3	9.7	0.0
-85°	39.0	32.9	26.6	20.1	13.6	6.5	0.0
-87.5°	19.5	16.5	13.3	10.1	6.8	3.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)