

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: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559154 (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-SA6B-935-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

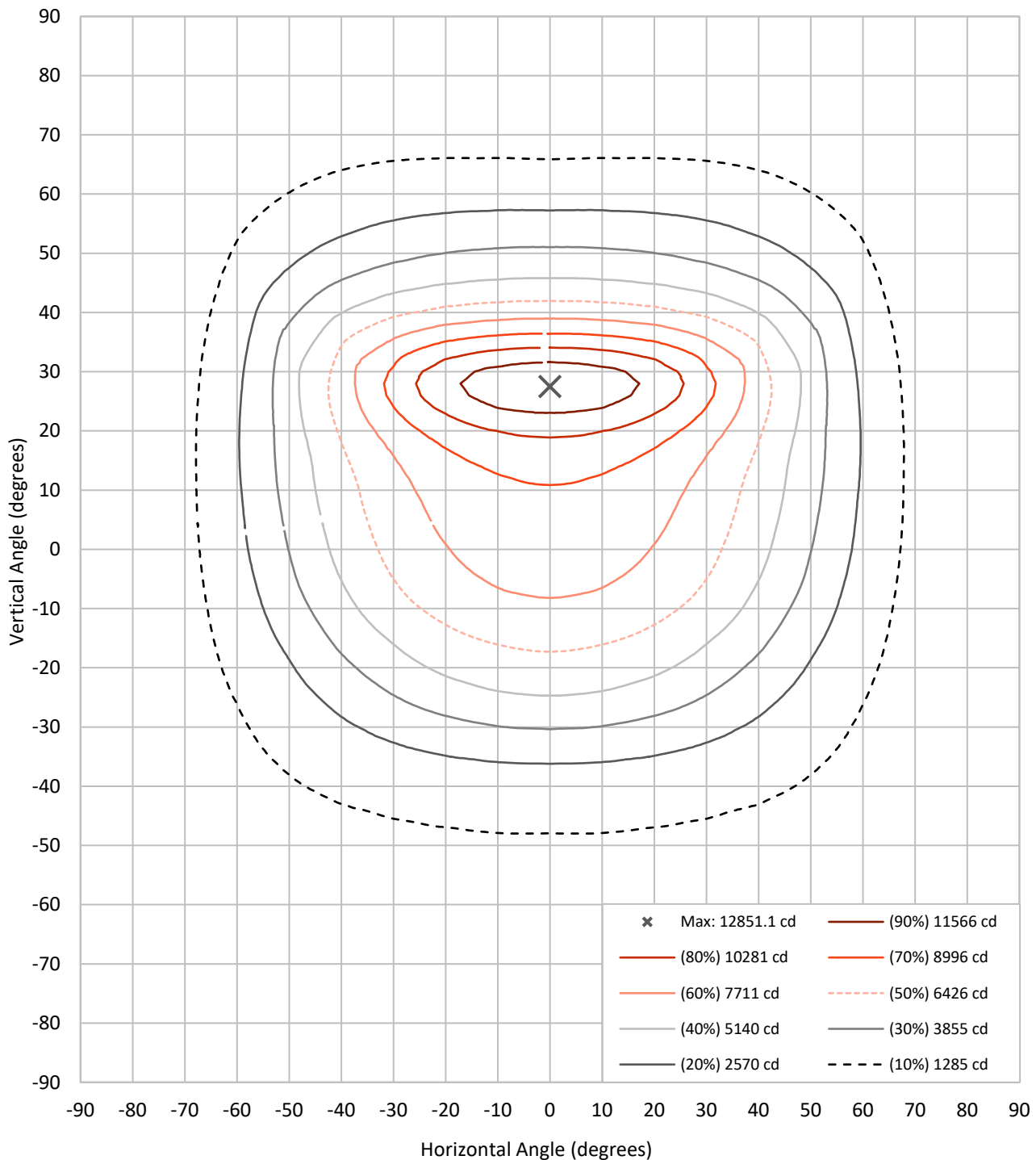
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	18734.8 lumens	Max Intensity:	12851.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	101.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	9736.5 lumens	Field Lumens:	17331.2 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%

Input Watts (W): 185
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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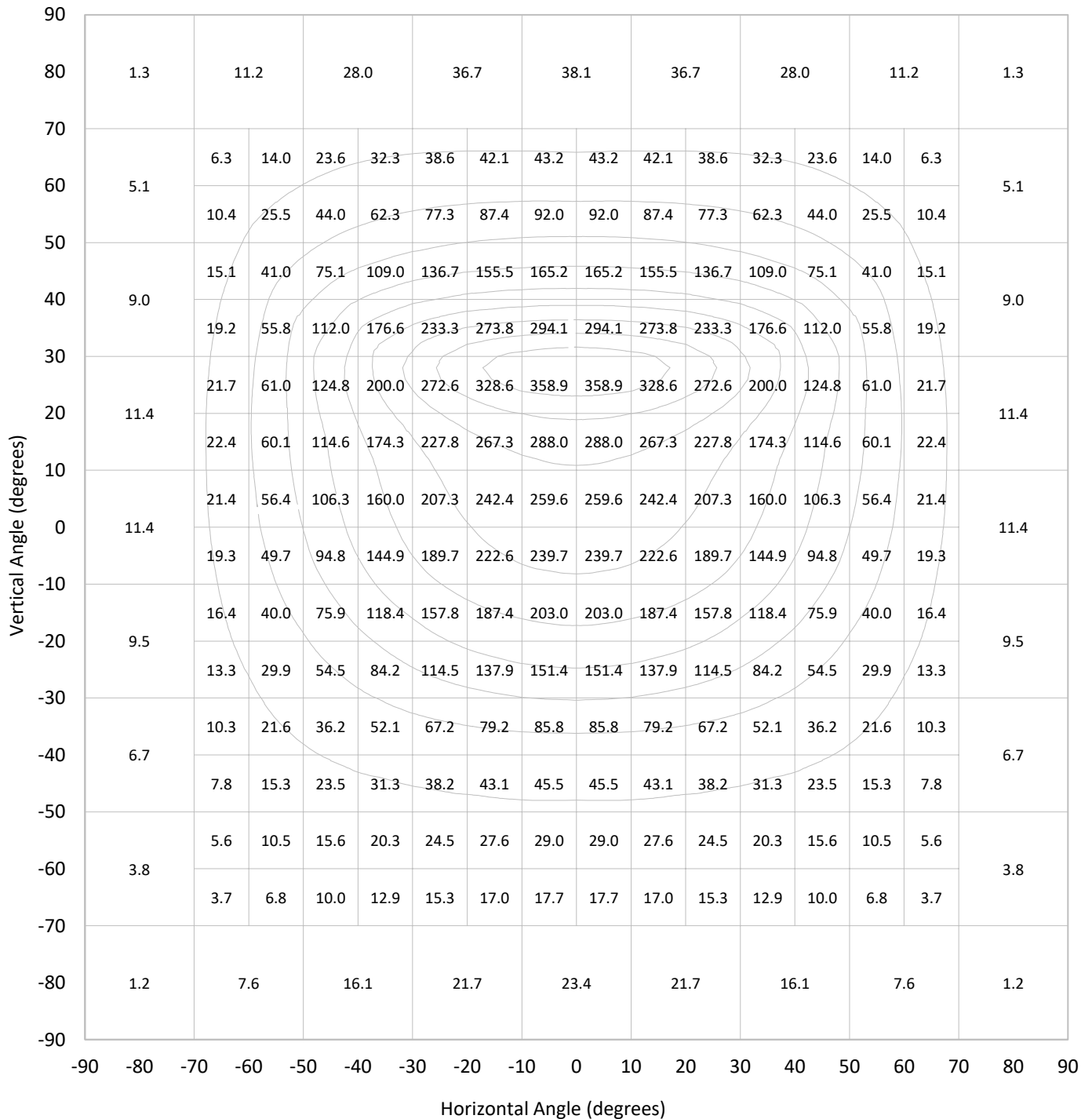
Iso-Candela Plot





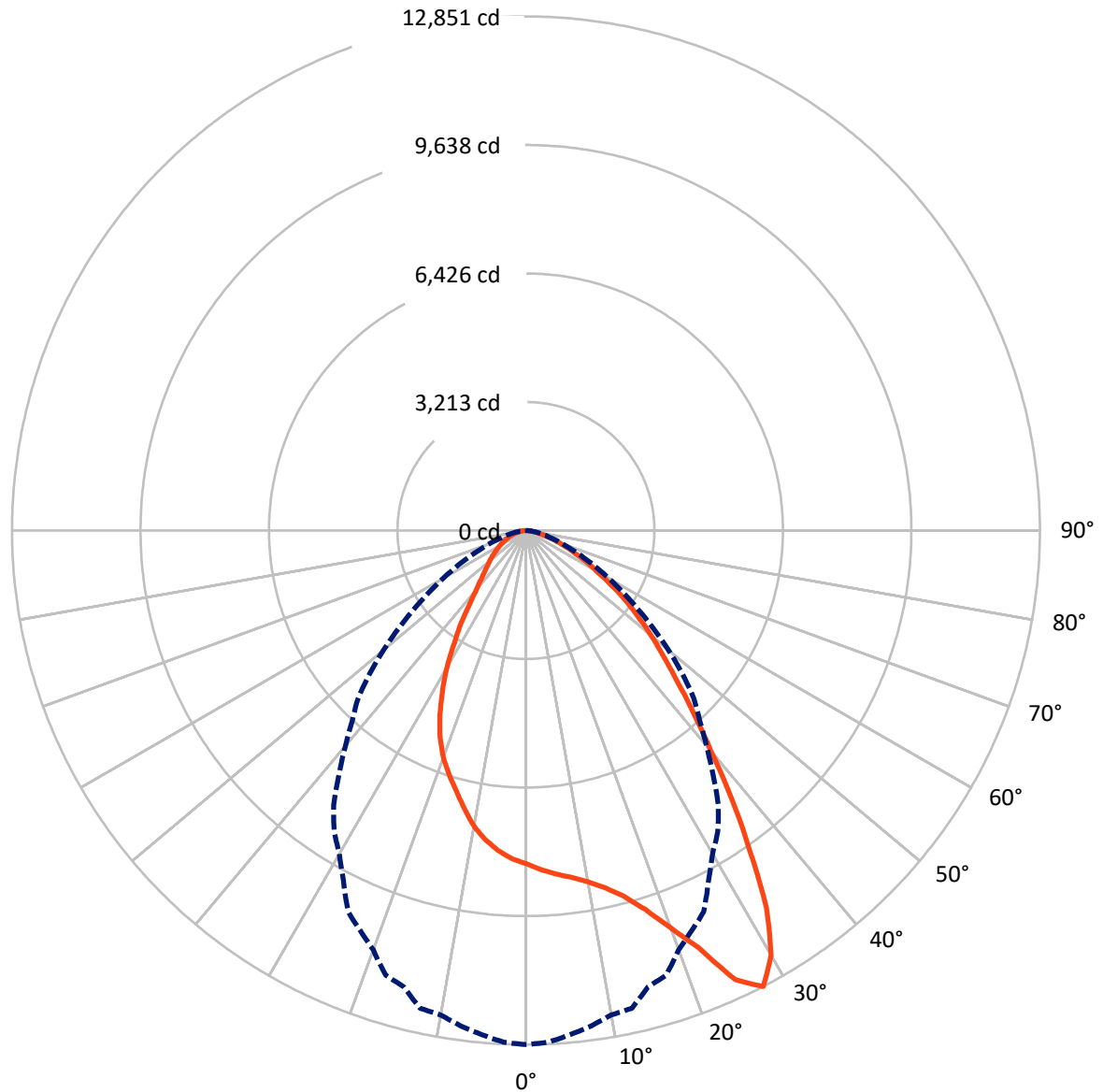
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Lumen Table



REPORT NUMBER: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
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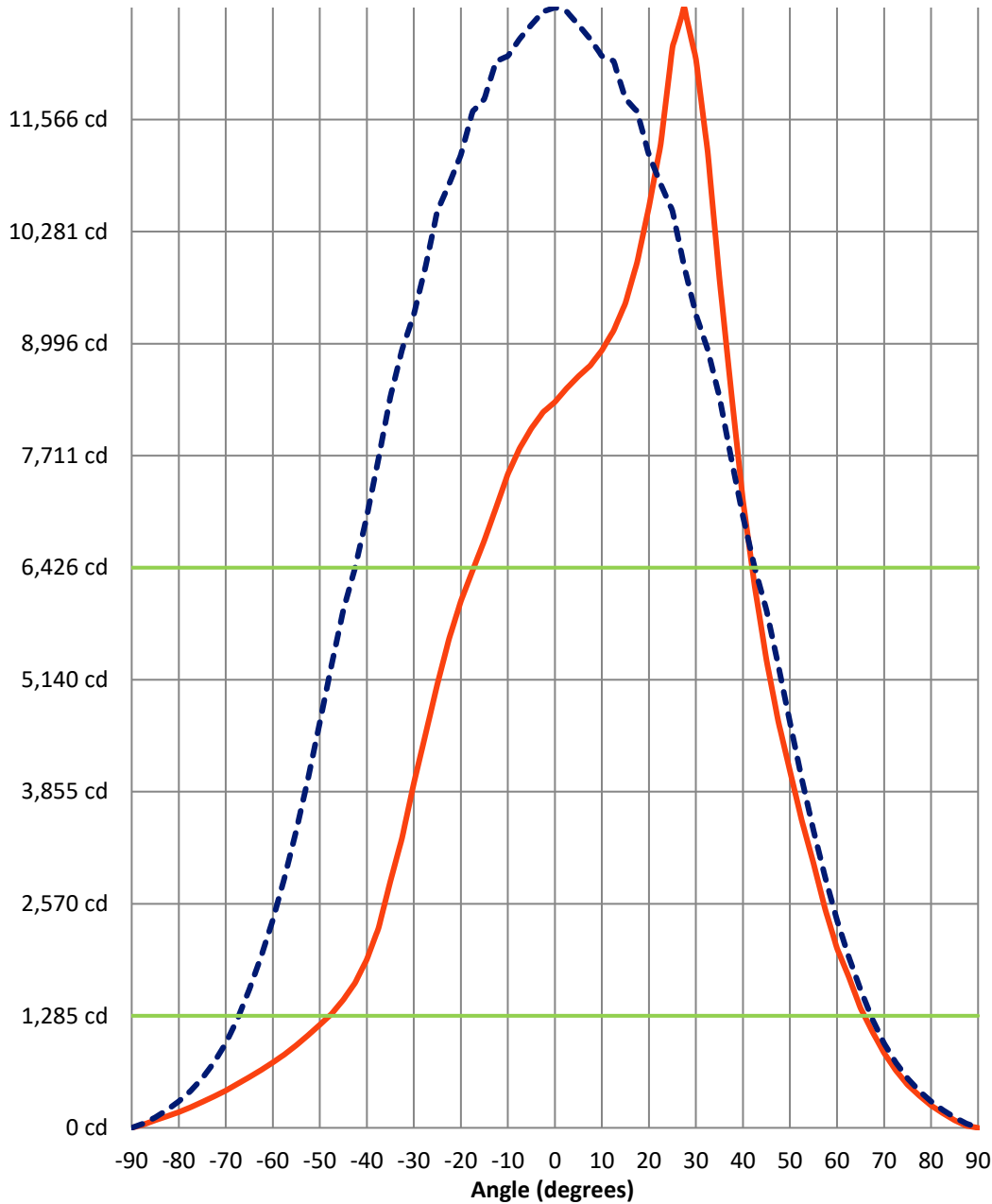
Luminous Intensity Polar Plot



— 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: 9736.5
Efficiency: 52.0%

Field:
H Angle: 134.5°
V Angle: 113.8°
Lumens: 17331.2
Efficiency: 92.5%

Spill:
Lumens: 1403.5
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	2.5	5.0	7.4	9.8	12.1	14.3	16.5	18.6	20.6	22.6
85°	0.0	4.9	10.0	14.8	19.5	24.2	28.6	33.0	37.2	41.2	45.1
82.5°	0.0	7.4	14.9	22.2	29.3	36.2	42.9	49.4	56.8	69.3	82.2
80°	0.0	9.8	19.9	29.5	39.0	48.2	58.4	74.6	91.5	109.2	127.5
77.5°	0.0	12.2	24.8	36.8	48.6	62.8	82.9	103.9	125.9	148.7	175.3
75°	0.0	14.6	29.6	44.0	59.1	82.4	107.1	132.9	160.7	195.8	231.7
72.5°	0.0	16.9	34.4	51.2	74.1	101.6	130.8	163.6	203.8	245.1	287.4
70°	0.0	19.2	39.1	58.9	88.7	120.5	155.1	200.0	246.1	293.7	349.2
67.5°	0.0	21.5	43.7	69.4	103.1	139.0	184.8	235.7	287.8	349.5	411.6
65°	0.0	23.8	48.2	79.6	117.1	159.5	213.6	270.6	336.0	404.1	476.2
62.5°	0.0	26.0	52.7	89.6	130.8	181.9	241.5	309.5	383.0	459.3	547.4
60°	0.0	28.1	57.0	99.3	144.1	203.5	268.3	349.2	428.8	520.1	616.3
57.5°	0.0	30.2	63.1	108.7	160.0	224.3	298.7	387.5	478.6	578.8	695.0
55°	0.0	32.2	69.0	117.8	175.4	244.2	328.2	423.0	527.8	638.1	775.6
52.5°	0.0	34.2	74.8	126.6	190.2	263.7	356.1	460.8	574.9	704.6	851.5
50°	0.0	36.1	80.4	135.0	204.3	285.1	382.3	496.7	622.4	766.9	942.3
47.5°	0.0	37.9	85.7	143.5	217.6	305.2	407.3	530.1	673.1	825.1	1029.0
45°	0.0	39.6	90.8	152.8	230.1	323.9	433.5	561.0	717.2	895.3	1108.8
42.5°	0.0	41.3	95.7	161.6	241.8	341.3	457.6	593.3	757.7	960.1	1198.5
40°	0.0	42.9	100.4	170.0	253.7	357.2	479.6	625.7	798.5	1018.4	1282.5
37.5°	0.0	44.4	104.8	177.9	265.6	371.8	499.4	655.1	842.7	1071.6	1357.8
35°	0.0	45.8	108.9	185.4	276.5	386.2	517.0	681.5	881.5	1128.2	1428.7
32.5°	0.0	47.2	112.8	192.3	286.3	399.8	534.0	704.8	915.1	1176.7	1491.9
30°	0.0	48.4	116.4	198.6	295.0	411.7	552.2	726.5	943.4	1216.9	1544.3
27.5°	0.0	49.5	119.7	204.5	303.3	422.0	568.0	749.0	969.8	1249.1	1585.9
25°	0.0	50.6	122.7	209.7	310.6	430.6	581.3	767.4	995.4	1278.7	1617.1
22.5°	0.0	51.5	125.5	214.4	316.9	438.2	592.1	781.7	1014.7	1302.5	1643.9
20°	0.0	52.4	127.9	218.6	322.2	445.7	600.5	792.1	1027.8	1318.0	1661.1
17.5°	0.0	53.1	130.0	222.2	326.4	451.8	608.1	798.6	1034.9	1325.3	1669.1
15°	0.0	53.7	131.9	225.2	329.7	456.7	614.3	803.1	1036.4	1324.8	1668.0
12.5°	0.0	54.3	133.4	227.6	332.0	460.2	618.0	806.4	1036.4	1316.9	1658.1
10°	0.0	54.7	134.6	229.5	333.4	462.5	619.5	806.6	1034.7	1312.9	1643.0
7.5°	0.0	55.0	135.5	230.8	333.8	463.4	618.9	803.9	1028.5	1304.6	1626.2
5°	0.0	55.3	136.1	231.5	333.4	463.1	616.1	798.2	1018.3	1290.7	1601.3
2.5°	0.0	55.4	136.4	231.7	332.2	461.5	611.4	789.8	1004.1	1271.6	1568.9
0°	0.0	55.4	136.4	231.3	330.1	458.6	604.9	778.9	986.4	1247.4	1530.0
-2.5°	0.0	55.5	136.1	230.2	328.5	454.3	598.0	767.4	969.0	1220.5	1490.8
-5°	0.0	55.4	135.4	228.7	326.2	448.8	589.4	753.7	948.5	1189.4	1446.6
-7.5°	0.0	55.3	134.5	226.5	323.1	442.2	579.2	737.9	925.1	1154.3	1397.8
-10°	0.0	55.1	133.3	223.9	319.2	434.5	567.6	720.2	899.2	1115.9	1345.3
-12.5°	0.0	54.7	131.8	220.8	314.7	426.0	554.6	700.8	870.9	1074.9	1293.7
-15°	0.0	54.2	130.0	217.2	309.4	416.6	540.2	679.7	842.0	1034.6	1241.0
-17.5°	0.0	53.7	128.0	213.2	303.5	406.3	524.6	658.7	813.0	992.1	1185.6
-20°	0.0	53.0	125.6	208.6	296.8	395.4	508.4	637.4	782.5	947.6	1128.0



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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	52.2	123.1	203.7	289.5	383.8	492.2	614.6	750.6	901.7	1068.6
-25°	0.0	51.3	120.3	198.3	281.6	372.2	475.0	590.4	717.6	854.6	1007.8
-27.5°	0.0	50.3	117.2	192.6	273.0	360.2	456.9	565.0	683.7	808.9	950.1
-30°	0.0	49.3	114.0	186.4	263.9	347.3	438.0	538.3	650.9	767.3	892.5
-32.5°	0.0	48.1	110.5	179.9	254.4	333.8	418.4	513.5	618.2	725.5	835.3
-35°	0.0	46.8	106.8	173.0	244.5	319.5	400.2	489.0	584.6	683.7	778.6
-37.5°	0.0	45.4	102.9	165.8	234.0	305.2	382.0	463.9	550.1	642.0	731.7
-40°	0.0	43.9	98.8	158.3	223.1	291.4	363.2	438.5	514.8	601.5	687.4
-42.5°	0.0	42.3	94.6	150.5	212.3	277.2	343.8	412.7	483.1	562.2	642.2
-45°	0.0	40.6	90.2	142.5	201.6	262.5	323.8	387.7	453.3	523.0	596.7
-47.5°	0.0	38.9	85.6	134.1	190.4	247.4	303.3	363.8	423.4	483.7	553.3
-50°	0.0	37.1	80.8	126.7	178.9	231.9	284.5	339.4	394.0	450.7	510.0
-52.5°	0.0	35.1	75.9	119.3	167.1	216.1	265.7	314.5	365.5	417.1	467.6
-55°	0.0	33.2	70.9	111.8	154.9	200.8	246.6	289.7	337.0	382.9	430.0
-57.5°	0.0	31.1	65.7	104.0	142.4	185.3	227.3	267.5	308.2	350.3	391.9
-60°	0.0	29.0	60.5	96.0	129.7	169.5	207.8	245.1	279.7	317.8	354.3
-62.5°	0.0	26.8	55.9	87.9	118.9	153.3	188.6	222.4	254.0	284.9	318.5
-65°	0.0	24.5	51.3	79.6	108.0	136.9	169.2	199.6	228.1	255.3	282.3
-67.5°	0.0	22.2	46.5	71.1	96.8	121.7	149.5	177.0	201.9	226.3	249.3
-70°	0.0	19.9	41.6	62.5	85.5	107.7	129.6	154.3	176.8	197.1	217.4
-72.5°	0.0	17.5	36.7	54.8	74.1	93.6	112.4	131.4	151.6	169.8	186.0
-75°	0.0	15.1	31.6	47.1	62.5	79.3	95.5	111.2	126.3	142.5	156.9
-77.5°	0.0	12.6	26.4	39.4	52.0	64.9	78.5	91.8	104.3	116.1	127.8
-80°	0.0	10.1	21.2	31.6	41.7	51.6	61.4	72.3	82.6	92.3	101.3
-82.5°	0.0	7.6	16.0	23.7	31.3	38.7	45.9	53.4	60.8	68.4	75.6
-85°	0.0	5.1	10.7	15.9	20.9	25.9	30.7	35.6	40.5	45.3	50.1
-87.5°	0.0	2.5	5.3	7.9	10.5	12.9	15.3	17.8	20.3	22.7	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	23.7	24.7	25.5	26.1	27.1	28.0	28.7	29.3	29.9	30.3	30.6
85°	47.5	49.5	55.3	60.9	66.7	72.0	76.7	80.8	84.2	86.9	89.1
82.5°	92.8	102.7	112.0	120.9	128.9	136.1	143.1	151.0	157.5	162.8	167.2
80°	142.3	155.8	172.2	187.6	201.5	214.3	225.9	236.3	244.5	252.6	260.5
77.5°	200.0	221.9	242.2	261.1	279.2	300.5	320.1	338.1	352.0	362.5	370.6
75°	262.0	288.0	317.7	347.1	374.8	400.3	425.0	455.2	479.7	498.2	512.9
72.5°	328.3	365.6	401.9	437.2	477.8	517.3	555.7	592.8	625.3	649.1	668.5
70°	399.8	443.2	493.4	544.2	593.1	642.7	695.5	743.6	783.4	811.6	838.4
67.5°	472.9	533.8	593.2	654.4	723.7	786.7	844.4	905.3	958.9	994.3	1025.2
65°	557.1	625.3	704.7	785.8	861.8	940.5	1013.5	1079.5	1147.2	1196.4	1236.9
62.5°	638.6	734.4	828.1	922.9	1018.5	1104.1	1199.4	1284.3	1352.4	1422.8	1483.1
60°	735.2	849.1	963.9	1078.3	1185.2	1305.5	1410.0	1508.7	1599.7	1678.2	1752.4
57.5°	831.6	978.6	1114.5	1248.7	1390.2	1518.9	1641.6	1752.2	1861.0	1951.9	2041.0
55°	933.0	1122.3	1279.1	1444.9	1600.5	1745.9	1883.8	2022.3	2138.3	2263.5	2372.4
52.5°	1045.6	1261.9	1464.5	1647.0	1822.4	1990.1	2155.0	2321.8	2484.6	2614.3	2737.4
50°	1150.8	1408.6	1652.3	1860.6	2062.2	2261.3	2467.5	2675.9	2855.3	3003.8	3131.9
47.5°	1266.7	1545.0	1854.6	2085.0	2326.8	2573.5	2823.9	3054.1	3249.6	3451.5	3593.0
45°	1379.6	1682.9	2018.8	2338.5	2618.4	2917.2	3192.9	3446.8	3730.2	3950.7	4139.8
42.5°	1482.6	1813.6	2187.5	2594.4	2944.3	3265.0	3563.4	3920.6	4246.2	4504.0	4739.9
40°	1588.7	1932.5	2340.9	2832.1	3269.3	3611.6	3974.9	4369.7	4793.4	5110.6	5392.6
37.5°	1685.5	2054.2	2481.2	3013.5	3589.3	3965.7	4367.3	4795.7	5278.8	5755.8	6094.8
35°	1771.3	2157.2	2620.4	3161.0	3750.6	4308.8	4733.6	5189.8	5718.4	6337.5	6800.4
32.5°	1849.1	2241.3	2730.9	3276.1	3874.3	4528.7	5067.7	5536.0	6066.4	6705.2	7491.3
30°	1912.5	2322.8	2813.2	3359.3	3959.2	4610.9	5295.5	5805.6	6309.0	6935.9	7667.6
27.5°	1960.6	2382.5	2869.8	3411.2	4004.6	4649.2	5307.5	5937.0	6424.3	7014.1	7679.5
25°	1997.5	2431.4	2899.9	3430.5	4011.3	4632.4	5265.9	5861.6	6408.6	6928.6	7525.8
22.5°	2028.1	2465.2	2932.7	3417.5	3981.0	4572.7	5168.6	5736.5	6266.0	6752.9	7266.5
20°	2051.0	2486.7	2949.3	3430.2	3930.2	4475.8	5045.7	5586.2	6097.6	6569.1	6987.1
17.5°	2061.4	2493.1	2949.3	3427.8	3921.7	4398.9	4895.1	5414.6	5917.4	6385.8	6798.8
15°	2059.5	2484.8	2933.1	3409.5	3895.9	4368.8	4825.9	5254.5	5722.6	6196.2	6607.7
12.5°	2045.9	2462.3	2901.1	3375.4	3854.2	4321.3	4770.2	5200.5	5620.3	6016.9	6410.4
10°	2021.0	2426.3	2854.2	3325.6	3796.4	4256.7	4699.8	5131.5	5547.0	5936.3	6302.7
7.5°	1995.6	2386.1	2797.8	3260.4	3722.8	4174.9	4613.9	5046.5	5453.9	5842.5	6212.4
5°	1961.9	2343.5	2754.8	3197.9	3643.6	4084.7	4514.4	4944.8	5341.4	5733.4	6104.9
2.5°	1919.2	2290.5	2700.6	3122.2	3555.0	3991.5	4406.6	4829.1	5235.7	5612.5	5978.4
0°	1868.1	2227.8	2635.1	3032.4	3451.5	3882.4	4281.7	4694.9	5117.9	5473.7	5831.5
-2.5°	1812.4	2152.7	2539.6	2934.9	3340.0	3762.6	4172.0	4563.7	4977.4	5337.0	5702.5
-5°	1750.0	2069.8	2434.1	2825.0	3215.3	3627.4	4044.3	4416.8	4812.0	5167.6	5527.0
-7.5°	1681.8	1980.3	2320.0	2701.5	3073.4	3462.0	3856.9	4215.2	4599.4	4951.2	5301.2
-10°	1609.9	1892.0	2209.1	2561.9	2912.5	3274.7	3645.7	3996.6	4366.0	4716.3	5053.1
-12.5°	1540.9	1804.9	2094.8	2415.6	2742.8	3077.4	3422.4	3761.2	4111.6	4463.6	4778.5
-15°	1468.7	1713.4	1976.7	2264.3	2565.6	2871.8	3188.7	3509.3	3838.1	4182.5	4473.4
-17.5°	1393.9	1618.4	1856.2	2109.5	2382.1	2659.4	2950.7	3260.2	3561.1	3874.8	4156.2
-20°	1317.4	1520.5	1734.6	1953.0	2195.2	2461.1	2733.6	3011.2	3284.7	3557.9	3822.1



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 CATALOG NUMBER: GFLD-SA6B-935-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°	1239.9	1420.5	1615.4	1807.5	2037.9	2277.9	2517.0	2758.1	3003.5	3238.6	3488.6
-25°	1165.0	1327.7	1499.9	1686.6	1884.3	2096.0	2301.4	2505.2	2722.8	2943.3	3158.4
-27.5°	1092.7	1236.3	1398.9	1565.4	1730.1	1918.5	2098.3	2271.0	2460.9	2655.4	2829.2
-30°	1020.4	1156.8	1299.1	1446.9	1591.8	1749.0	1904.5	2055.9	2210.7	2377.2	2527.8
-32.5°	953.2	1077.8	1207.2	1336.8	1459.8	1581.8	1725.5	1860.0	1986.6	2105.2	2236.6
-35°	891.9	1006.0	1118.6	1230.3	1331.6	1438.9	1559.1	1672.4	1773.9	1869.2	1969.7
-37.5°	834.1	935.7	1030.5	1130.3	1220.4	1312.2	1400.6	1498.7	1581.1	1657.2	1739.7
-40°	776.0	866.9	952.3	1035.6	1118.2	1194.9	1270.4	1337.1	1403.4	1476.6	1533.3
-42.5°	718.9	803.3	879.7	943.7	1021.5	1087.6	1146.2	1201.5	1255.7	1312.8	1358.2
-45°	668.5	740.4	810.0	871.3	929.7	986.0	1035.8	1079.2	1130.5	1170.1	1204.4
-47.5°	617.6	679.9	743.6	800.1	848.9	894.7	931.7	975.3	1017.4	1051.4	1071.4
-50°	567.5	624.5	678.4	731.1	775.3	812.1	844.0	879.9	914.9	943.7	962.8
-52.5°	521.3	568.9	618.9	663.8	704.5	737.5	767.9	799.1	824.8	844.6	869.6
-55°	475.8	519.6	561.3	601.6	636.4	666.6	696.4	724.2	746.1	763.2	783.9
-57.5°	432.9	472.5	508.9	542.7	574.0	599.9	628.9	652.6	673.0	689.1	710.4
-60°	391.2	426.6	459.7	489.2	514.9	540.4	564.0	585.8	603.6	619.5	639.1
-62.5°	349.7	381.7	411.5	438.6	461.9	483.2	504.5	523.0	537.9	554.3	570.5
-65°	310.9	337.8	364.0	388.6	410.6	430.8	448.4	463.4	477.4	492.0	505.1
-67.5°	272.2	297.3	319.2	338.8	359.2	378.7	394.9	408.8	420.5	432.4	443.4
-70°	237.5	257.5	277.5	295.1	310.7	326.9	342.8	355.8	366.2	375.6	384.5
-72.5°	203.4	221.1	237.6	252.8	266.9	280.0	292.5	304.3	314.0	321.3	327.7
-75°	171.0	184.8	199.0	212.4	223.8	233.9	243.5	252.9	260.9	267.1	272.3
-77.5°	140.0	151.6	162.5	172.7	181.0	189.0	196.5	203.3	209.4	214.1	217.6
-80°	109.9	118.3	127.2	135.5	141.9	147.4	152.1	156.1	160.7	165.3	169.3
-82.5°	81.8	87.9	93.7	99.4	103.8	107.6	110.9	114.0	117.2	120.2	122.8
-85°	53.8	57.3	60.9	64.4	67.8	70.7	73.3	75.5	77.2	78.7	80.0
-87.5°	26.9	28.7	30.3	31.8	33.4	35.0	36.4	37.8	38.6	39.4	40.0
-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: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	30.8	30.9	30.8	30.7	30.5	29.2	27.9	26.4	24.8	25.6	26.3
85°	90.6	91.0	90.7	89.8	88.3	88.2	87.9	87.3	86.5	87.8	88.9
82.5°	170.6	171.8	172.0	171.2	169.5	170.2	170.5	170.2	169.2	170.4	171.1
80°	266.6	269.1	269.2	267.4	263.7	264.2	264.5	263.8	262.0	262.5	262.4
77.5°	379.8	385.6	387.6	386.8	383.1	382.0	379.5	374.3	366.7	366.6	366.8
75°	524.1	530.1	533.2	532.9	529.5	527.1	523.9	517.9	509.5	509.1	509.2
72.5°	683.4	692.2	696.1	699.7	699.7	698.4	694.1	685.2	672.1	670.6	672.2
70°	859.3	874.2	883.6	890.8	896.5	897.6	894.8	887.7	876.3	873.2	872.3
67.5°	1055.3	1079.0	1096.9	1108.8	1120.0	1128.1	1131.2	1128.0	1118.7	1115.6	1116.9
65°	1274.9	1311.5	1341.6	1364.2	1379.4	1390.1	1399.4	1405.0	1406.4	1409.6	1414.0
62.5°	1531.5	1576.4	1618.3	1646.9	1661.6	1672.0	1702.1	1719.5	1724.5	1725.6	1732.2
60°	1818.0	1874.7	1927.1	1969.1	2003.1	2028.8	2054.5	2071.4	2077.7	2078.9	2088.1
57.5°	2131.3	2202.5	2263.8	2328.9	2374.3	2400.6	2434.8	2470.1	2488.6	2493.9	2515.6
55°	2477.9	2575.0	2654.4	2724.1	2787.5	2843.3	2890.4	2926.8	2953.7	2969.9	2998.7
52.5°	2861.1	2975.3	3058.4	3140.1	3231.0	3295.1	3337.0	3404.4	3453.1	3479.9	3514.2
50°	3281.9	3409.2	3522.3	3608.0	3713.8	3801.3	3865.2	3928.9	3973.5	3999.1	4032.3
47.5°	3761.0	3917.6	4049.0	4128.5	4251.2	4354.4	4395.9	4444.1	4528.1	4568.5	4604.0
45°	4300.3	4500.2	4646.1	4770.4	4876.0	4991.6	5067.4	5122.0	5204.8	5246.4	5272.6
42.5°	4942.0	5164.4	5356.7	5505.9	5594.6	5744.6	5854.1	5884.8	6002.1	6081.7	6105.1
40°	5661.7	5908.2	6161.8	6332.0	6474.8	6627.1	6807.7	6908.2	7007.4	7085.4	7103.0
37.5°	6411.7	6741.6	7031.1	7250.8	7486.9	7711.7	7903.0	8007.4	8072.5	8221.6	8277.3
35°	7174.1	7514.6	7920.2	8261.5	8547.7	8825.2	9043.5	9215.4	9379.1	9513.3	9593.8
32.5°	7823.4	8189.8	8690.6	9201.6	9510.6	9811.1	10169.7	10366.3	10584.7	10761.6	10890.9
30°	8356.9	8705.3	9161.2	9802.6	10225.6	10530.2	10983.9	11255.9	11493.7	11793.6	11898.0
27.5°	8382.3	8926.7	9329.9	9882.2	10517.0	10826.1	11162.0	11656.3	11806.2	12233.9	12295.5
25°	8162.3	8733.9	9148.2	9609.2	10137.0	10513.1	10819.9	11230.9	11446.0	11721.0	11932.3
22.5°	7818.1	8321.9	8744.5	9135.4	9547.3	9889.8	10170.2	10459.1	10695.2	10908.6	11106.8
20°	7438.1	7916.3	8317.0	8653.2	8979.7	9297.1	9549.3	9791.9	9996.2	10179.4	10292.2
17.5°	7170.4	7514.4	7924.0	8268.4	8551.4	8800.6	9061.4	9264.4	9443.6	9608.5	9711.6
15°	6987.7	7314.8	7606.4	7922.4	8220.7	8458.2	8654.6	8864.1	9019.0	9160.9	9272.6
12.5°	6798.0	7135.1	7440.2	7703.4	7936.9	8196.3	8406.2	8571.0	8733.5	8844.9	8959.7
10°	6639.6	6955.0	7271.4	7549.4	7795.0	8008.8	8207.6	8392.4	8538.2	8663.2	8753.6
7.5°	6547.6	6856.9	7141.3	7408.0	7647.4	7875.2	8080.3	8249.8	8394.2	8523.6	8618.3
5°	6441.0	6747.1	7031.1	7303.6	7533.6	7752.4	7956.6	8131.0	8280.6	8395.8	8486.4
2.5°	6318.7	6620.8	6903.9	7181.0	7410.9	7622.0	7815.2	7985.3	8141.1	8250.9	8328.0
0°	6179.5	6481.9	6758.7	7019.6	7250.9	7478.2	7656.1	7828.1	7980.3	8089.0	8166.1
-2.5°	6039.0	6339.6	6626.0	6876.0	7105.6	7315.5	7504.9	7667.3	7812.7	7920.9	7988.6
-5°	5852.3	6151.0	6433.7	6685.7	6925.4	7136.2	7320.2	7485.4	7625.5	7743.5	7835.3
-7.5°	5626.2	5928.3	6210.7	6467.9	6706.6	6905.7	7082.5	7248.9	7398.4	7527.3	7640.3
-10°	5377.5	5676.3	5943.2	6184.1	6406.5	6608.9	6797.0	6961.4	7098.4	7224.7	7319.8
-12.5°	5088.0	5364.7	5625.7	5863.2	6080.5	6283.3	6462.1	6618.7	6756.7	6868.6	6954.3
-15°	4768.5	5031.1	5278.3	5521.1	5748.7	5948.4	6105.7	6270.7	6390.3	6498.9	6576.0
-17.5°	4426.7	4680.6	4940.6	5184.0	5394.1	5591.0	5764.2	5915.0	6040.5	6140.1	6227.1
-20°	4080.3	4338.9	4589.1	4821.0	5023.1	5205.7	5381.0	5525.9	5654.5	5762.8	5865.0



REPORT NUMBER: P559154 (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°	3732.4	3969.5	4204.4	4431.3	4622.4	4795.0	4948.5	5087.1	5200.6	5328.4	5418.5
-25°	3374.9	3582.8	3794.9	3995.3	4176.0	4345.6	4484.8	4606.3	4724.6	4847.9	4935.8
-27.5°	3015.8	3199.6	3371.9	3549.2	3707.5	3854.4	3983.6	4089.9	4204.7	4287.1	4383.8
-30°	2660.6	2827.3	2971.0	3094.4	3243.3	3369.4	3469.9	3575.5	3670.4	3749.0	3830.5
-32.5°	2359.9	2473.8	2588.6	2691.8	2790.8	2894.5	2975.4	3067.7	3132.7	3200.5	3266.3
-35°	2070.8	2158.6	2234.9	2331.3	2405.5	2462.0	2529.5	2597.2	2623.1	2696.9	2736.2
-37.5°	1809.1	1866.7	1937.8	2005.0	2060.1	2102.3	2162.4	2197.9	2216.5	2264.2	2289.7
-40°	1585.1	1621.4	1687.8	1733.7	1766.8	1797.5	1847.4	1870.4	1896.0	1919.7	1920.4
-42.5°	1388.0	1434.8	1479.8	1515.8	1536.7	1571.7	1595.2	1597.8	1630.8	1651.9	1655.2
-45°	1226.8	1274.4	1310.0	1336.5	1357.4	1387.4	1402.6	1411.1	1438.0	1452.3	1458.6
-47.5°	1103.0	1136.2	1167.1	1187.5	1214.9	1237.2	1248.3	1262.4	1283.1	1296.3	1305.7
-50°	994.1	1020.5	1043.9	1062.6	1090.0	1109.7	1120.4	1137.8	1153.2	1162.7	1170.1
-52.5°	898.4	921.9	938.2	956.4	979.0	996.6	1010.1	1027.3	1040.2	1048.5	1055.1
-55°	808.7	830.8	846.8	866.6	882.8	894.5	906.0	922.9	935.5	944.0	949.6
-57.5°	729.6	746.2	761.8	779.8	795.3	808.1	818.4	827.7	835.9	842.9	848.4
-60°	655.6	669.1	683.4	697.4	709.1	718.3	729.4	737.8	743.2	746.5	751.0
-62.5°	584.4	596.5	609.2	620.5	629.8	637.5	646.4	653.4	658.4	661.9	664.5
-65°	516.7	527.2	537.9	547.3	555.3	562.0	568.3	573.2	576.7	579.6	582.0
-67.5°	453.4	461.6	469.1	475.7	481.7	487.4	492.9	496.7	498.7	501.1	503.5
-70°	392.2	398.8	403.8	407.7	411.2	415.8	421.1	424.8	427.0	429.3	431.5
-72.5°	333.2	338.0	342.0	345.3	347.2	350.1	353.8	356.8	359.1	360.9	361.7
-75°	276.3	280.2	283.8	286.3	287.8	289.9	291.7	292.7	292.9	293.7	294.2
-77.5°	220.6	224.5	227.9	230.3	231.8	233.5	234.8	235.5	235.7	235.8	235.3
-80°	172.3	174.9	177.1	178.8	179.9	181.1	181.8	181.9	181.5	181.9	182.0
-82.5°	125.1	127.5	129.4	130.9	131.9	133.1	134.1	134.8	135.2	135.3	135.1
-85°	81.0	82.1	83.1	84.1	84.9	85.5	85.8	85.8	85.6	85.7	85.6
-87.5°	40.5	40.0	39.4	38.6	37.6	37.9	38.1	38.2	38.2	38.6	38.9
-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: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	27.0	27.6	25.7	23.7	25.7	27.6	27.0	26.3	25.6	24.8	26.4
85°	89.8	90.4	88.8	87.0	88.8	90.4	89.8	88.9	87.8	86.5	87.3
82.5°	171.4	171.1	169.8	168.0	169.8	171.1	171.4	171.1	170.4	169.2	170.2
80°	261.4	259.6	258.6	257.0	258.6	259.6	261.4	262.4	262.5	262.0	263.8
77.5°	365.9	363.9	367.1	369.7	367.1	363.9	365.9	366.8	366.6	366.7	374.3
75°	507.3	503.4	499.6	494.2	499.6	503.4	507.3	509.2	509.1	509.5	517.9
72.5°	671.4	668.3	665.3	660.2	665.3	668.3	671.4	672.2	670.6	672.1	685.2
70°	867.1	857.9	859.4	859.9	859.4	857.9	867.1	872.3	873.2	876.3	887.7
67.5°	1113.3	1105.0	1106.0	1105.0	1106.0	1105.0	1113.3	1116.9	1115.6	1118.7	1128.0
65°	1411.4	1402.0	1390.6	1373.9	1390.6	1402.0	1411.4	1414.0	1409.6	1406.4	1405.0
62.5°	1731.4	1723.1	1727.9	1731.7	1727.9	1723.1	1731.4	1732.2	1725.6	1724.5	1719.5
60°	2086.6	2075.0	2069.2	2059.8	2069.2	2075.0	2086.6	2088.1	2078.9	2077.7	2071.4
57.5°	2525.5	2523.4	2518.3	2504.6	2518.3	2523.4	2525.5	2515.6	2493.9	2488.6	2470.1
55°	3012.2	3009.4	3020.7	3034.4	3020.7	3009.4	3012.2	2998.7	2969.9	2953.7	2926.8
52.5°	3539.5	3548.4	3545.2	3526.6	3545.2	3548.4	3539.5	3514.2	3479.9	3453.1	3404.4
50°	4061.5	4071.5	4082.2	4092.0	4082.2	4071.5	4061.5	4032.3	3999.1	3973.5	3928.9
47.5°	4653.0	4679.4	4684.0	4665.2	4684.0	4679.4	4653.0	4604.0	4568.5	4528.1	4444.1
45°	5325.1	5341.0	5349.1	5365.0	5349.1	5341.0	5325.1	5272.6	5246.4	5204.8	5122.0
42.5°	6172.5	6190.9	6193.8	6211.1	6193.8	6190.9	6172.5	6105.1	6081.7	6002.1	5884.8
40°	7178.3	7208.1	7202.9	7195.5	7202.9	7208.1	7178.3	7103.0	7085.4	7007.4	6908.2
37.5°	8355.7	8406.3	8411.6	8442.9	8411.6	8406.3	8355.7	8277.3	8221.6	8072.5	8007.4
35°	9677.1	9736.7	9726.3	9741.6	9726.3	9736.7	9677.1	9593.8	9513.3	9379.1	9215.4
32.5°	11009.9	11099.4	11117.4	11192.6	11117.4	11099.4	11009.9	10890.9	10761.6	10584.7	10366.3
30°	12057.1	12182.4	12264.2	12258.1	12264.2	12182.4	12057.1	11898.0	11793.6	11493.7	11255.9
27.5°	12490.9	12653.3	12805.3	12851.1	12805.3	12653.3	12490.9	12295.5	12233.9	11806.2	11656.3
25°	12067.7	12186.3	12320.5	12392.5	12320.5	12186.3	12067.7	11932.3	11721.0	11446.0	11230.9
22.5°	11198.0	11275.2	11320.9	11283.5	11320.9	11275.2	11198.0	11106.8	10908.6	10695.2	10459.1
20°	10408.9	10506.4	10524.6	10564.0	10524.6	10506.4	10408.9	10292.2	10179.4	9996.2	9791.9
17.5°	9821.5	9885.4	9922.9	9931.4	9922.9	9885.4	9821.5	9711.6	9608.5	9443.6	9264.4
15°	9361.2	9412.4	9446.0	9460.9	9446.0	9412.4	9361.2	9272.6	9160.9	9019.0	8864.1
12.5°	9034.9	9097.4	9128.0	9146.6	9128.0	9097.4	9034.9	8959.7	8844.9	8733.5	8571.0
10°	8825.8	8886.0	8910.3	8919.3	8910.3	8886.0	8825.8	8753.6	8663.2	8538.2	8392.4
7.5°	8675.5	8714.3	8730.6	8743.4	8730.6	8714.3	8675.5	8618.3	8523.6	8394.2	8249.8
5°	8554.3	8585.2	8602.4	8620.8	8602.4	8585.2	8554.3	8486.4	8395.8	8280.6	8131.0
2.5°	8389.4	8433.4	8464.0	8482.4	8464.0	8433.4	8389.4	8328.0	8250.9	8141.1	7985.3
0°	8227.4	8268.9	8290.7	8326.3	8290.7	8268.9	8227.4	8166.1	8089.0	7980.3	7828.1
-2.5°	8049.3	8097.4	8154.5	8209.6	8154.5	8097.4	8049.3	7988.6	7920.9	7812.7	7667.3
-5°	7913.1	7976.6	7988.5	8023.8	7988.5	7976.6	7913.1	7835.3	7743.5	7625.5	7485.4
-7.5°	7707.5	7736.5	7785.8	7794.5	7785.8	7736.5	7707.5	7640.3	7527.3	7398.4	7248.9
-10°	7390.8	7437.9	7468.6	7500.0	7468.6	7437.9	7390.8	7319.8	7224.7	7098.4	6961.4
-12.5°	7018.7	7074.0	7123.4	7116.5	7123.4	7074.0	7018.7	6954.3	6868.6	6756.7	6618.7
-15°	6656.1	6709.6	6743.5	6738.9	6743.5	6709.6	6656.1	6576.0	6498.9	6390.3	6270.7
-17.5°	6296.2	6345.0	6394.1	6393.0	6394.1	6345.0	6296.2	6227.1	6140.1	6040.5	5915.0
-20°	5924.6	5966.4	6019.0	6041.1	6019.0	5966.4	5924.6	5865.0	5762.8	5654.5	5525.9



REPORT NUMBER: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	5494.9	5548.3	5586.6	5610.1	5586.6	5548.3	5494.9	5418.5	5328.4	5200.6	5087.1
-25°	4994.1	5048.9	5078.0	5088.3	5078.0	5048.9	4994.1	4935.8	4847.9	4724.6	4606.3
-27.5°	4440.8	4502.3	4532.1	4517.0	4532.1	4502.3	4440.8	4383.8	4287.1	4204.7	4089.9
-30°	3873.3	3912.8	3917.4	3951.6	3917.4	3912.8	3873.3	3830.5	3749.0	3670.4	3575.5
-32.5°	3313.4	3339.8	3324.8	3326.9	3324.8	3339.8	3313.4	3266.3	3200.5	3132.7	3067.7
-35°	2760.6	2781.7	2785.9	2824.8	2785.9	2781.7	2760.6	2736.2	2696.9	2623.1	2597.2
-37.5°	2316.2	2324.7	2311.7	2293.1	2311.7	2324.7	2316.2	2289.7	2264.2	2216.5	2197.9
-40°	1939.2	1945.8	1941.0	1931.3	1941.0	1945.8	1939.2	1920.4	1919.7	1896.0	1870.4
-42.5°	1668.1	1668.1	1663.7	1662.5	1663.7	1668.1	1668.1	1655.2	1651.9	1630.8	1597.8
-45°	1467.7	1469.8	1469.5	1468.8	1469.5	1469.8	1467.7	1458.6	1452.3	1438.0	1411.1
-47.5°	1312.3	1312.7	1310.7	1306.7	1310.7	1312.7	1312.3	1305.7	1296.3	1283.1	1262.4
-50°	1174.7	1174.7	1177.4	1182.1	1177.4	1174.7	1174.7	1170.1	1162.7	1153.2	1137.8
-52.5°	1058.5	1058.2	1059.7	1061.5	1059.7	1058.2	1058.5	1055.1	1048.5	1040.2	1027.3
-55°	952.2	951.6	950.1	946.9	950.1	951.6	952.2	949.6	944.0	935.5	922.9
-57.5°	850.4	849.2	846.7	842.1	846.7	849.2	850.4	848.4	842.9	835.9	827.7
-60°	753.5	753.9	752.6	749.2	752.6	753.9	753.5	751.0	746.5	743.2	737.8
-62.5°	665.1	663.8	663.5	662.2	663.5	663.8	665.1	664.5	661.9	658.4	653.4
-65°	582.4	581.1	581.5	581.2	581.5	581.1	582.4	582.0	579.6	576.7	573.2
-67.5°	504.5	504.1	504.5	504.1	504.5	504.1	504.5	503.5	501.1	498.7	496.7
-70°	432.7	432.9	430.6	427.0	430.6	432.9	432.7	431.5	429.3	427.0	424.8
-72.5°	361.5	360.3	360.4	359.8	360.4	360.3	361.5	361.7	360.9	359.1	356.8
-75°	294.0	293.2	295.1	296.5	295.1	293.2	294.0	294.2	293.7	292.9	292.7
-77.5°	234.2	232.4	234.0	235.2	234.0	232.4	234.2	235.3	235.8	235.7	235.5
-80°	181.8	181.2	180.7	179.9	180.7	181.2	181.8	182.0	181.9	181.5	181.9
-82.5°	134.7	133.9	133.3	132.4	133.3	133.9	134.7	135.1	135.3	135.2	134.8
-85°	85.2	84.7	85.9	87.0	85.9	84.7	85.2	85.6	85.7	85.6	85.8
-87.5°	39.2	39.3	38.5	37.6	38.5	39.3	39.2	38.9	38.6	38.2	38.2
-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: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	27.9	29.2	30.5	30.7	30.8	30.9	30.8	30.6	30.3	29.9	29.3
85°	87.9	88.2	88.3	89.8	90.7	91.0	90.6	89.1	86.9	84.2	80.8
82.5°	170.5	170.2	169.5	171.2	172.0	171.8	170.6	167.2	162.8	157.5	151.0
80°	264.5	264.2	263.7	267.4	269.2	269.1	266.6	260.5	252.6	244.5	236.3
77.5°	379.5	382.0	383.1	386.8	387.6	385.6	379.8	370.6	362.5	352.0	338.1
75°	523.9	527.1	529.5	532.9	533.2	530.1	524.1	512.9	498.2	479.7	455.2
72.5°	694.1	698.4	699.7	699.7	696.1	692.2	683.4	668.5	649.1	625.3	592.8
70°	894.8	897.6	896.5	890.8	883.6	874.2	859.3	838.4	811.6	783.4	743.6
67.5°	1131.2	1128.1	1120.0	1108.8	1096.9	1079.0	1055.3	1025.2	994.3	958.9	905.3
65°	1399.4	1390.1	1379.4	1364.2	1341.6	1311.5	1274.9	1236.9	1196.4	1147.2	1079.5
62.5°	1702.1	1672.0	1661.6	1646.9	1618.3	1576.4	1531.5	1483.1	1422.8	1352.4	1284.3
60°	2054.5	2028.8	2003.1	1969.1	1927.1	1874.7	1818.0	1752.4	1678.2	1599.7	1508.7
57.5°	2434.8	2400.6	2374.3	2328.9	2263.8	2202.5	2131.3	2041.0	1951.9	1861.0	1752.2
55°	2890.4	2843.3	2787.5	2724.1	2654.4	2575.0	2477.9	2372.4	2263.5	2138.3	2022.3
52.5°	3337.0	3295.1	3231.0	3140.1	3058.4	2975.3	2861.1	2737.4	2614.3	2484.6	2321.8
50°	3865.2	3801.3	3713.8	3608.0	3522.3	3409.2	3281.9	3131.9	3003.8	2855.3	2675.9
47.5°	4395.9	4354.4	4251.2	4128.5	4049.0	3917.6	3761.0	3593.0	3451.5	3249.6	3054.1
45°	5067.4	4991.6	4876.0	4770.4	4646.1	4500.2	4300.3	4139.8	3950.7	3730.2	3446.8
42.5°	5854.1	5744.6	5594.6	5505.9	5356.7	5164.4	4942.0	4739.9	4504.0	4246.2	3920.6
40°	6807.7	6627.1	6474.8	6332.0	6161.8	5908.2	5661.7	5392.6	5110.6	4793.4	4369.7
37.5°	7903.0	7711.7	7486.9	7250.8	7031.1	6741.6	6411.7	6094.8	5755.8	5278.8	4795.7
35°	9043.5	8825.2	8547.7	8261.5	7920.2	7514.6	7174.1	6800.4	6337.5	5718.4	5189.8
32.5°	10169.7	9811.1	9510.6	9201.6	8690.6	8189.8	7823.4	7491.3	6705.2	6066.4	5536.0
30°	10983.9	10530.2	10225.6	9802.6	9161.2	8705.3	8356.9	7667.6	6935.9	6309.0	5805.6
27.5°	11162.0	10826.1	10517.0	9882.2	9329.9	8926.7	8382.3	7679.5	7014.1	6424.3	5937.0
25°	10819.9	10513.1	10137.0	9609.2	9148.2	8733.9	8162.3	7525.8	6928.6	6408.6	5861.6
22.5°	10170.2	9889.8	9547.3	9135.4	8744.5	8321.9	7818.1	7266.5	6752.9	6266.0	5736.5
20°	9549.3	9297.1	8979.7	8653.2	8317.0	7916.3	7438.1	6987.1	6569.1	6097.6	5586.2
17.5°	9061.4	8800.6	8551.4	8268.4	7924.0	7514.4	7170.4	6798.8	6385.8	5917.4	5414.6
15°	8654.6	8458.2	8220.7	7922.4	7606.4	7314.8	6987.7	6607.7	6196.2	5722.6	5254.5
12.5°	8406.2	8196.3	7936.9	7703.4	7440.2	7135.1	6798.0	6410.4	6016.9	5620.3	5200.5
10°	8207.6	8008.8	7795.0	7549.4	7271.4	6955.0	6639.6	6302.7	5936.3	5547.0	5131.5
7.5°	8080.3	7875.2	7647.4	7408.0	7141.3	6856.9	6547.6	6212.4	5842.5	5453.9	5046.5
5°	7956.6	7752.4	7533.6	7303.6	7031.1	6747.1	6441.0	6104.9	5733.4	5341.4	4944.8
2.5°	7815.2	7622.0	7410.9	7181.0	6903.9	6620.8	6318.7	5978.4	5612.5	5235.7	4829.1
0°	7656.1	7478.2	7250.9	7019.6	6758.7	6481.9	6179.5	5831.5	5473.7	5117.9	4694.9
-2.5°	7504.9	7315.5	7105.6	6876.0	6626.0	6339.6	6039.0	5702.5	5337.0	4977.4	4563.7
-5°	7320.2	7136.2	6925.4	6685.7	6433.7	6151.0	5852.3	5527.0	5167.6	4812.0	4416.8
-7.5°	7082.5	6905.7	6706.6	6467.9	6210.7	5928.3	5626.2	5301.2	4951.2	4599.4	4215.2
-10°	6797.0	6608.9	6406.5	6184.1	5943.2	5676.3	5377.5	5053.1	4716.3	4366.0	3996.6
-12.5°	6462.1	6283.3	6080.5	5863.2	5625.7	5364.7	5088.0	4778.5	4463.6	4111.6	3761.2
-15°	6105.7	5948.4	5748.7	5521.1	5278.3	5031.1	4768.5	4473.4	4182.5	3838.1	3509.3
-17.5°	5764.2	5591.0	5394.1	5184.0	4940.6	4680.6	4426.7	4156.2	3874.8	3561.1	3260.2
-20°	5381.0	5205.7	5023.1	4821.0	4589.1	4338.9	4080.3	3822.1	3557.9	3284.7	3011.2



REPORT NUMBER: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4948.5	4795.0	4622.4	4431.3	4204.4	3969.5	3732.4	3488.6	3238.6	3003.5	2758.1
-25°	4484.8	4345.6	4176.0	3995.3	3794.9	3582.8	3374.9	3158.4	2943.3	2722.8	2505.2
-27.5°	3983.6	3854.4	3707.5	3549.2	3371.9	3199.6	3015.8	2829.2	2655.4	2460.9	2271.0
-30°	3469.9	3369.4	3243.3	3094.4	2971.0	2827.3	2660.6	2527.8	2377.2	2210.7	2055.9
-32.5°	2975.4	2894.5	2790.8	2691.8	2588.6	2473.8	2359.9	2236.6	2105.2	1986.6	1860.0
-35°	2529.5	2462.0	2405.5	2331.3	2234.9	2158.6	2070.8	1969.7	1869.2	1773.9	1672.4
-37.5°	2162.4	2102.3	2060.1	2005.0	1937.8	1866.7	1809.1	1739.7	1657.2	1581.1	1498.7
-40°	1847.4	1797.5	1766.8	1733.7	1687.8	1621.4	1585.1	1533.3	1476.6	1403.4	1337.1
-42.5°	1595.2	1571.7	1536.7	1515.8	1479.8	1434.8	1388.0	1358.2	1312.8	1255.7	1201.5
-45°	1402.6	1387.4	1357.4	1336.5	1310.0	1274.4	1226.8	1204.4	1170.1	1130.5	1079.2
-47.5°	1248.3	1237.2	1214.9	1187.5	1167.1	1136.2	1103.0	1071.4	1051.4	1017.4	975.3
-50°	1120.4	1109.7	1090.0	1062.6	1043.9	1020.5	994.1	962.8	943.7	914.9	879.9
-52.5°	1010.1	996.6	979.0	956.4	938.2	921.9	898.4	869.6	844.6	824.8	799.1
-55°	906.0	894.5	882.8	866.6	846.8	830.8	808.7	783.9	763.2	746.1	724.2
-57.5°	818.4	808.1	795.3	779.8	761.8	746.2	729.6	710.4	689.1	673.0	652.6
-60°	729.4	718.3	709.1	697.4	683.4	669.1	655.6	639.1	619.5	603.6	585.8
-62.5°	646.4	637.5	629.8	620.5	609.2	596.5	584.4	570.5	554.3	537.9	523.0
-65°	568.3	562.0	555.3	547.3	537.9	527.2	516.7	505.1	492.0	477.4	463.4
-67.5°	492.9	487.4	481.7	475.7	469.1	461.6	453.4	443.4	432.4	420.5	408.8
-70°	421.1	415.8	411.2	407.7	403.8	398.8	392.2	384.5	375.6	366.2	355.8
-72.5°	353.8	350.1	347.2	345.3	342.0	338.0	333.2	327.7	321.3	314.0	304.3
-75°	291.7	289.9	287.8	286.3	283.8	280.2	276.3	272.3	267.1	260.9	252.9
-77.5°	234.8	233.5	231.8	230.3	227.9	224.5	220.6	217.6	214.1	209.4	203.3
-80°	181.8	181.1	179.9	178.8	177.1	174.9	172.3	169.3	165.3	160.7	156.1
-82.5°	134.1	133.1	131.9	130.9	129.4	127.5	125.1	122.8	120.2	117.2	114.0
-85°	85.8	85.5	84.9	84.1	83.1	82.1	81.0	80.0	78.7	77.2	75.5
-87.5°	38.1	37.9	37.6	38.6	39.4	40.0	40.5	40.0	39.4	38.6	37.8
-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: P559154 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	28.7	28.0	27.1	26.1	25.5	24.7	23.7	22.6	20.6	18.6	16.5
85°	76.7	72.0	66.7	60.9	55.3	49.5	47.5	45.1	41.2	37.2	33.0
82.5°	143.1	136.1	128.9	120.9	112.0	102.7	92.8	82.2	69.3	56.8	49.4
80°	225.9	214.3	201.5	187.6	172.2	155.8	142.3	127.5	109.2	91.5	74.6
77.5°	320.1	300.5	279.2	261.1	242.2	221.9	200.0	175.3	148.7	125.9	103.9
75°	425.0	400.3	374.8	347.1	317.7	288.0	262.0	231.7	195.8	160.7	132.9
72.5°	555.7	517.3	477.8	437.2	401.9	365.6	328.3	287.4	245.1	203.8	163.6
70°	695.5	642.7	593.1	544.2	493.4	443.2	399.8	349.2	293.7	246.1	200.0
67.5°	844.4	786.7	723.7	654.4	593.2	533.8	472.9	411.6	349.5	287.8	235.7
65°	1013.5	940.5	861.8	785.8	704.7	625.3	557.1	476.2	404.1	336.0	270.6
62.5°	1199.4	1104.1	1018.5	922.9	828.1	734.4	638.6	547.4	459.3	383.0	309.5
60°	1410.0	1305.5	1185.2	1078.3	963.9	849.1	735.2	616.3	520.1	428.8	349.2
57.5°	1641.6	1518.9	1390.2	1248.7	1114.5	978.6	831.6	695.0	578.8	478.6	387.5
55°	1883.8	1745.9	1600.5	1444.9	1279.1	1122.3	933.0	775.6	638.1	527.8	423.0
52.5°	2155.0	1990.1	1822.4	1647.0	1464.5	1261.9	1045.6	851.5	704.6	574.9	460.8
50°	2467.5	2261.3	2062.2	1860.6	1652.3	1408.6	1150.8	942.3	766.9	622.4	496.7
47.5°	2823.9	2573.5	2326.8	2085.0	1854.6	1545.0	1266.7	1029.0	825.1	673.1	530.1
45°	3192.9	2917.2	2618.4	2338.5	2018.8	1682.9	1379.6	1108.8	895.3	717.2	561.0
42.5°	3563.4	3265.0	2944.3	2594.4	2187.5	1813.6	1482.6	1198.5	960.1	757.7	593.3
40°	3974.9	3611.6	3269.3	2832.1	2340.9	1932.5	1588.7	1282.5	1018.4	798.5	625.7
37.5°	4367.3	3965.7	3589.3	3013.5	2481.2	2054.2	1685.5	1357.8	1071.6	842.7	655.1
35°	4733.6	4308.8	3750.6	3161.0	2620.4	2157.2	1771.3	1428.7	1128.2	881.5	681.5
32.5°	5067.7	4528.7	3874.3	3276.1	2730.9	2241.3	1849.1	1491.9	1176.7	915.1	704.8
30°	5295.5	4610.9	3959.2	3359.3	2813.2	2322.8	1912.5	1544.3	1216.9	943.4	726.5
27.5°	5307.5	4649.2	4004.6	3411.2	2869.8	2382.5	1960.6	1585.9	1249.1	969.8	749.0
25°	5265.9	4632.4	4011.3	3430.5	2899.9	2431.4	1997.5	1617.1	1278.7	995.4	767.4
22.5°	5168.6	4572.7	3981.0	3417.5	2932.7	2465.2	2028.1	1643.9	1302.5	1014.7	781.7
20°	5045.7	4475.8	3930.2	3430.2	2949.3	2486.7	2051.0	1661.1	1318.0	1027.8	792.1
17.5°	4895.1	4398.9	3921.7	3427.8	2949.3	2493.1	2061.4	1669.1	1325.3	1034.9	798.6
15°	4825.9	4368.8	3895.9	3409.5	2933.1	2484.8	2059.5	1668.0	1324.8	1036.4	803.1
12.5°	4770.2	4321.3	3854.2	3375.4	2901.1	2462.3	2045.9	1658.1	1316.9	1036.4	806.4
10°	4699.8	4256.7	3796.4	3325.6	2854.2	2426.3	2021.0	1643.0	1312.9	1034.7	806.6
7.5°	4613.9	4174.9	3722.8	3260.4	2797.8	2386.1	1995.6	1626.2	1304.6	1028.5	803.9
5°	4514.4	4084.7	3643.6	3197.9	2754.8	2343.5	1961.9	1601.3	1290.7	1018.3	798.2
2.5°	4406.6	3991.5	3555.0	3122.2	2700.6	2290.5	1919.2	1568.9	1271.6	1004.1	789.8
0°	4281.7	3882.4	3451.5	3032.4	2635.1	2227.8	1868.1	1530.0	1247.4	986.4	778.9
-2.5°	4172.0	3762.6	3340.0	2934.9	2539.6	2152.7	1812.4	1490.8	1220.5	969.0	767.4
-5°	4044.3	3627.4	3215.3	2825.0	2434.1	2069.8	1750.0	1446.6	1189.4	948.5	753.7
-7.5°	3856.9	3462.0	3073.4	2701.5	2320.0	1980.3	1681.8	1397.8	1154.3	925.1	737.9
-10°	3645.7	3274.7	2912.5	2561.9	2209.1	1892.0	1609.9	1345.3	1115.9	899.2	720.2
-12.5°	3422.4	3077.4	2742.8	2415.6	2094.8	1804.9	1540.9	1293.7	1074.9	870.9	700.8
-15°	3188.7	2871.8	2565.6	2264.3	1976.7	1713.4	1468.7	1241.0	1034.6	842.0	679.7
-17.5°	2950.7	2659.4	2382.1	2109.5	1856.2	1618.4	1393.9	1185.6	992.1	813.0	658.7
-20°	2733.6	2461.1	2195.2	1953.0	1734.6	1520.5	1317.4	1128.0	947.6	782.5	637.4



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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°	2517.0	2277.9	2037.9	1807.5	1615.4	1420.5	1239.9	1068.6	901.7	750.6	614.6
-25°	2301.4	2096.0	1884.3	1686.6	1499.9	1327.7	1165.0	1007.8	854.6	717.6	590.4
-27.5°	2098.3	1918.5	1730.1	1565.4	1398.9	1236.3	1092.7	950.1	808.9	683.7	565.0
-30°	1904.5	1749.0	1591.8	1446.9	1299.1	1156.8	1020.4	892.5	767.3	650.9	538.3
-32.5°	1725.5	1581.8	1459.8	1336.8	1207.2	1077.8	953.2	835.3	725.5	618.2	513.5
-35°	1559.1	1438.9	1331.6	1230.3	1118.6	1006.0	891.9	778.6	683.7	584.6	489.0
-37.5°	1400.6	1312.2	1220.4	1130.3	1030.5	935.7	834.1	731.7	642.0	550.1	463.9
-40°	1270.4	1194.9	1118.2	1035.6	952.3	866.9	776.0	687.4	601.5	514.8	438.5
-42.5°	1146.2	1087.6	1021.5	943.7	879.7	803.3	718.9	642.2	562.2	483.1	412.7
-45°	1035.8	986.0	929.7	871.3	810.0	740.4	668.5	596.7	523.0	453.3	387.7
-47.5°	931.7	894.7	848.9	800.1	743.6	679.9	617.6	553.3	483.7	423.4	363.8
-50°	844.0	812.1	775.3	731.1	678.4	624.5	567.5	510.0	450.7	394.0	339.4
-52.5°	767.9	737.5	704.5	663.8	618.9	568.9	521.3	467.6	417.1	365.5	314.5
-55°	696.4	666.6	636.4	601.6	561.3	519.6	475.8	430.0	382.9	337.0	289.7
-57.5°	628.9	599.9	574.0	542.7	508.9	472.5	432.9	391.9	350.3	308.2	267.5
-60°	564.0	540.4	514.9	489.2	459.7	426.6	391.2	354.3	317.8	279.7	245.1
-62.5°	504.5	483.2	461.9	438.6	411.5	381.7	349.7	318.5	284.9	254.0	222.4
-65°	448.4	430.8	410.6	388.6	364.0	337.8	310.9	282.3	255.3	228.1	199.6
-67.5°	394.9	378.7	359.2	338.8	319.2	297.3	272.2	249.3	226.3	201.9	177.0
-70°	342.8	326.9	310.7	295.1	277.5	257.5	237.5	217.4	197.1	176.8	154.3
-72.5°	292.5	280.0	266.9	252.8	237.6	221.1	203.4	186.0	169.8	151.6	131.4
-75°	243.5	233.9	223.8	212.4	199.0	184.8	171.0	156.9	142.5	126.3	111.2
-77.5°	196.5	189.0	181.0	172.7	162.5	151.6	140.0	127.8	116.1	104.3	91.8
-80°	152.1	147.4	141.9	135.5	127.2	118.3	109.9	101.3	92.3	82.6	72.3
-82.5°	110.9	107.6	103.8	99.4	93.7	87.9	81.8	75.6	68.4	60.8	53.4
-85°	73.3	70.7	67.8	64.4	60.9	57.3	53.8	50.1	45.3	40.5	35.6
-87.5°	36.4	35.0	33.4	31.8	30.3	28.7	26.9	25.1	22.7	20.3	17.8
-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°	14.3	12.1	9.8	7.4	5.0	2.5	0.0
85°	28.6	24.2	19.5	14.8	10.0	4.9	0.0
82.5°	42.9	36.2	29.3	22.2	14.9	7.4	0.0
80°	58.4	48.2	39.0	29.5	19.9	9.8	0.0
77.5°	82.9	62.8	48.6	36.8	24.8	12.2	0.0
75°	107.1	82.4	59.1	44.0	29.6	14.6	0.0
72.5°	130.8	101.6	74.1	51.2	34.4	16.9	0.0
70°	155.1	120.5	88.7	58.9	39.1	19.2	0.0
67.5°	184.8	139.0	103.1	69.4	43.7	21.5	0.0
65°	213.6	159.5	117.1	79.6	48.2	23.8	0.0
62.5°	241.5	181.9	130.8	89.6	52.7	26.0	0.0
60°	268.3	203.5	144.1	99.3	57.0	28.1	0.0
57.5°	298.7	224.3	160.0	108.7	63.1	30.2	0.0
55°	328.2	244.2	175.4	117.8	69.0	32.2	0.0
52.5°	356.1	263.7	190.2	126.6	74.8	34.2	0.0
50°	382.3	285.1	204.3	135.0	80.4	36.1	0.0
47.5°	407.3	305.2	217.6	143.5	85.7	37.9	0.0
45°	433.5	323.9	230.1	152.8	90.8	39.6	0.0
42.5°	457.6	341.3	241.8	161.6	95.7	41.3	0.0
40°	479.6	357.2	253.7	170.0	100.4	42.9	0.0
37.5°	499.4	371.8	265.6	177.9	104.8	44.4	0.0
35°	517.0	386.2	276.5	185.4	108.9	45.8	0.0
32.5°	534.0	399.8	286.3	192.3	112.8	47.2	0.0
30°	552.2	411.7	295.0	198.6	116.4	48.4	0.0
27.5°	568.0	422.0	303.3	204.5	119.7	49.5	0.0
25°	581.3	430.6	310.6	209.7	122.7	50.6	0.0
22.5°	592.1	438.2	316.9	214.4	125.5	51.5	0.0
20°	600.5	445.7	322.2	218.6	127.9	52.4	0.0
17.5°	608.1	451.8	326.4	222.2	130.0	53.1	0.0
15°	614.3	456.7	329.7	225.2	131.9	53.7	0.0
12.5°	618.0	460.2	332.0	227.6	133.4	54.3	0.0
10°	619.5	462.5	333.4	229.5	134.6	54.7	0.0
7.5°	618.9	463.4	333.8	230.8	135.5	55.0	0.0
5°	616.1	463.1	333.4	231.5	136.1	55.3	0.0
2.5°	611.4	461.5	332.2	231.7	136.4	55.4	0.0
0°	604.9	458.6	330.1	231.3	136.4	55.4	0.0
-2.5°	598.0	454.3	328.5	230.2	136.1	55.5	0.0
-5°	589.4	448.8	326.2	228.7	135.4	55.4	0.0
-7.5°	579.2	442.2	323.1	226.5	134.5	55.3	0.0
-10°	567.6	434.5	319.2	223.9	133.3	55.1	0.0
-12.5°	554.6	426.0	314.7	220.8	131.8	54.7	0.0
-15°	540.2	416.6	309.4	217.2	130.0	54.2	0.0
-17.5°	524.6	406.3	303.5	213.2	128.0	53.7	0.0
-20°	508.4	395.4	296.8	208.6	125.6	53.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	492.2	383.8	289.5	203.7	123.1	52.2	0.0
-25°	475.0	372.2	281.6	198.3	120.3	51.3	0.0
-27.5°	456.9	360.2	273.0	192.6	117.2	50.3	0.0
-30°	438.0	347.3	263.9	186.4	114.0	49.3	0.0
-32.5°	418.4	333.8	254.4	179.9	110.5	48.1	0.0
-35°	400.2	319.5	244.5	173.0	106.8	46.8	0.0
-37.5°	382.0	305.2	234.0	165.8	102.9	45.4	0.0
-40°	363.2	291.4	223.1	158.3	98.8	43.9	0.0
-42.5°	343.8	277.2	212.3	150.5	94.6	42.3	0.0
-45°	323.8	262.5	201.6	142.5	90.2	40.6	0.0
-47.5°	303.3	247.4	190.4	134.1	85.6	38.9	0.0
-50°	284.5	231.9	178.9	126.7	80.8	37.1	0.0
-52.5°	265.7	216.1	167.1	119.3	75.9	35.1	0.0
-55°	246.6	200.8	154.9	111.8	70.9	33.2	0.0
-57.5°	227.3	185.3	142.4	104.0	65.7	31.1	0.0
-60°	207.8	169.5	129.7	96.0	60.5	29.0	0.0
-62.5°	188.6	153.3	118.9	87.9	55.9	26.8	0.0
-65°	169.2	136.9	108.0	79.6	51.3	24.5	0.0
-67.5°	149.5	121.7	96.8	71.1	46.5	22.2	0.0
-70°	129.6	107.7	85.5	62.5	41.6	19.9	0.0
-72.5°	112.4	93.6	74.1	54.8	36.7	17.5	0.0
-75°	95.5	79.3	62.5	47.1	31.6	15.1	0.0
-77.5°	78.5	64.9	52.0	39.4	26.4	12.6	0.0
-80°	61.4	51.6	41.7	31.6	21.2	10.1	0.0
-82.5°	45.9	38.7	31.3	23.7	16.0	7.6	0.0
-85°	30.7	25.9	20.9	15.9	10.7	5.1	0.0
-87.5°	15.3	12.9	10.5	7.9	5.3	2.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)