

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: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-927-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559202 (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-SA6D-927-U-WAF-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

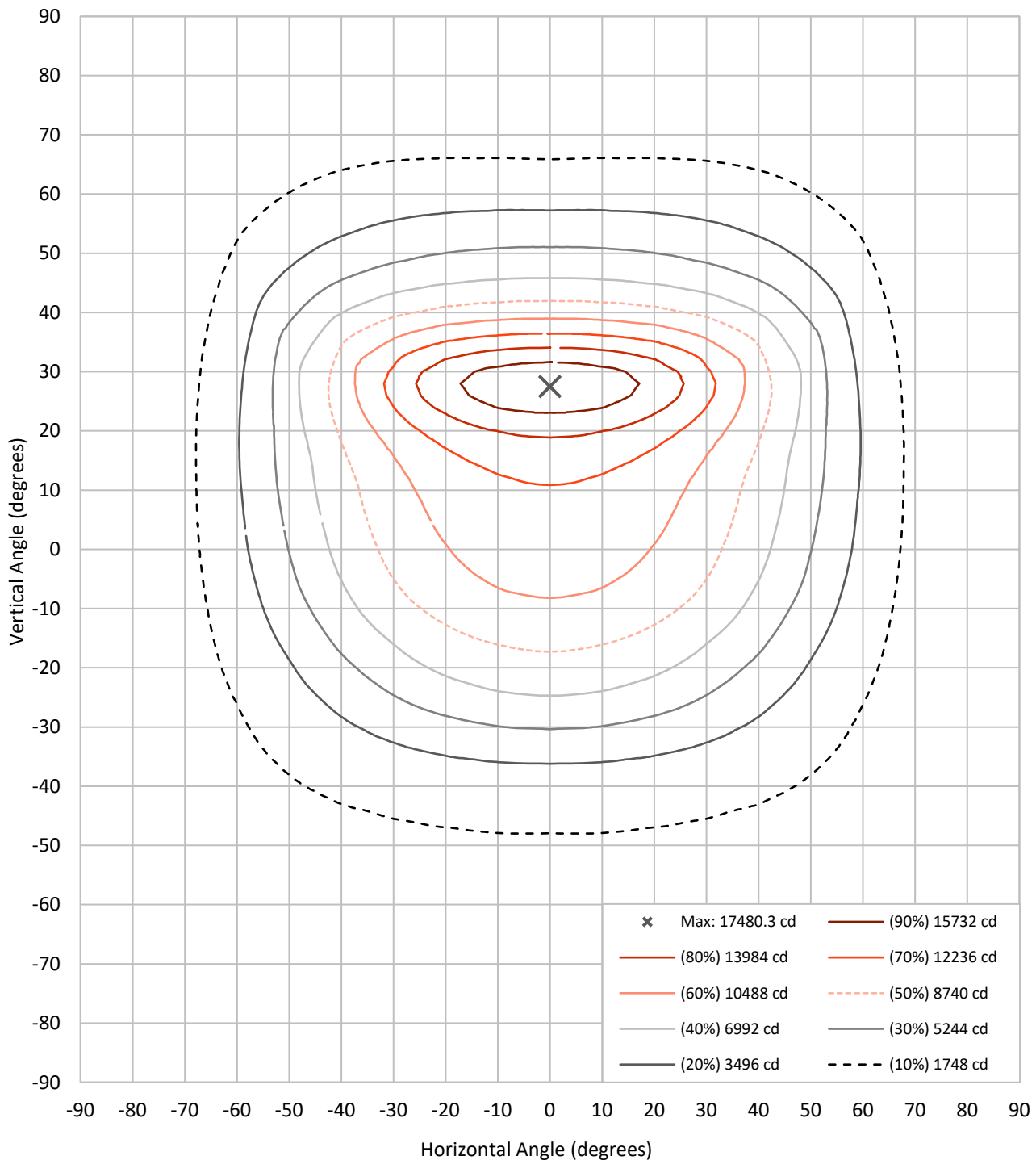
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	25483.3 lumens	Max Intensity:	17480.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	79.9 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:	13216.9 lumens	Field Lumens:	23574.3 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	319		
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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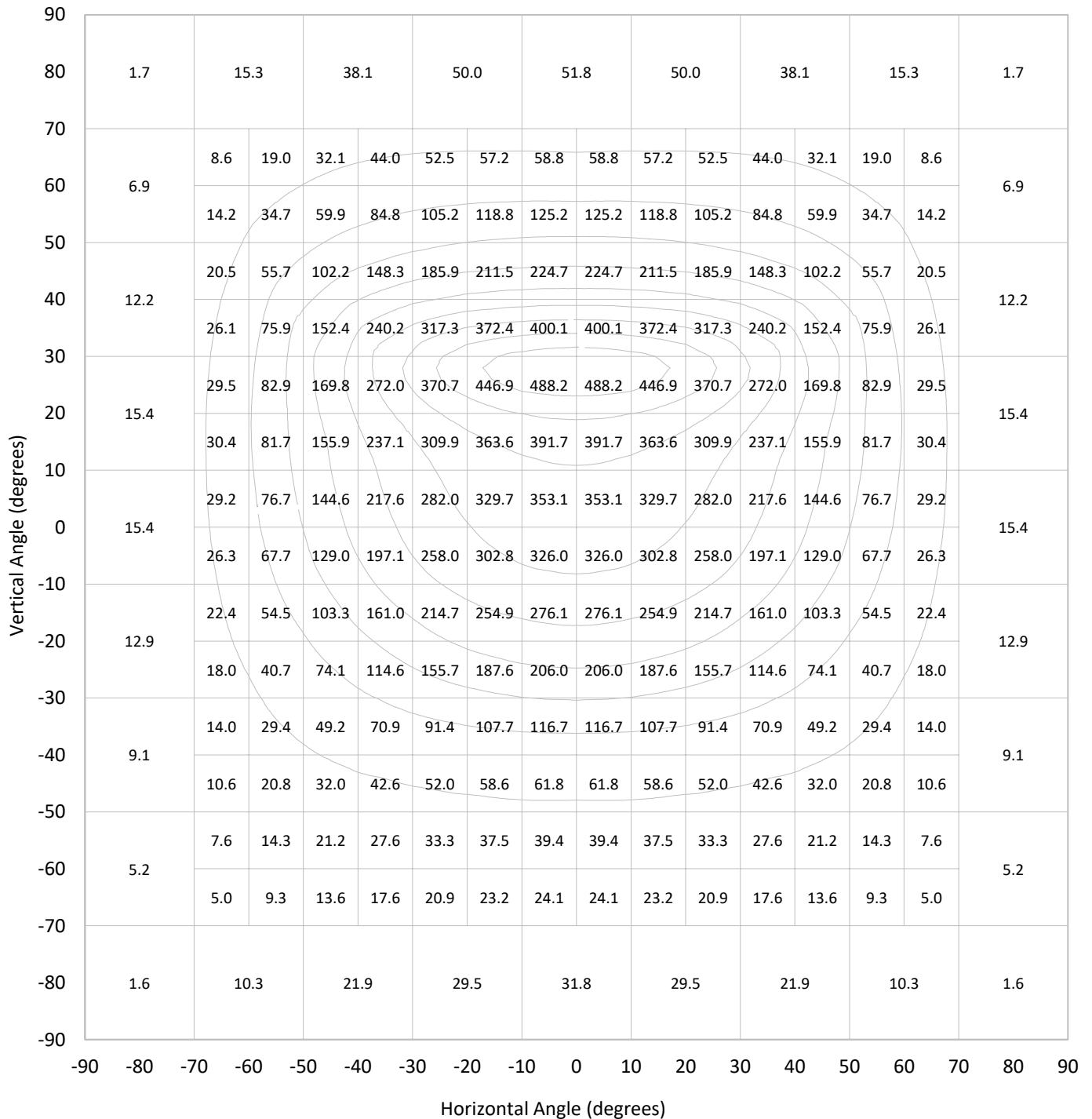
Iso-Candela Plot





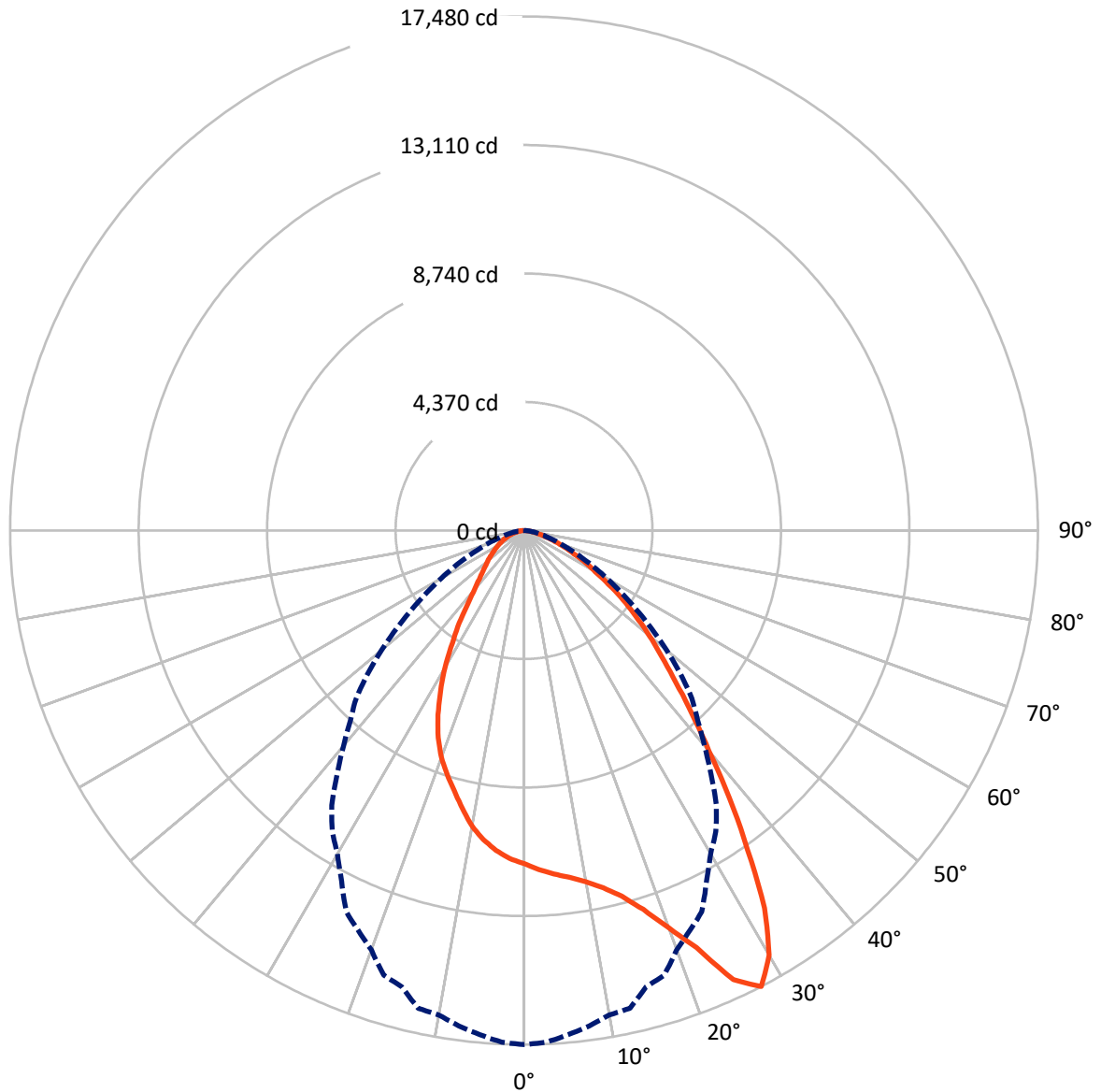
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Lumen Table



REPORT NUMBER: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
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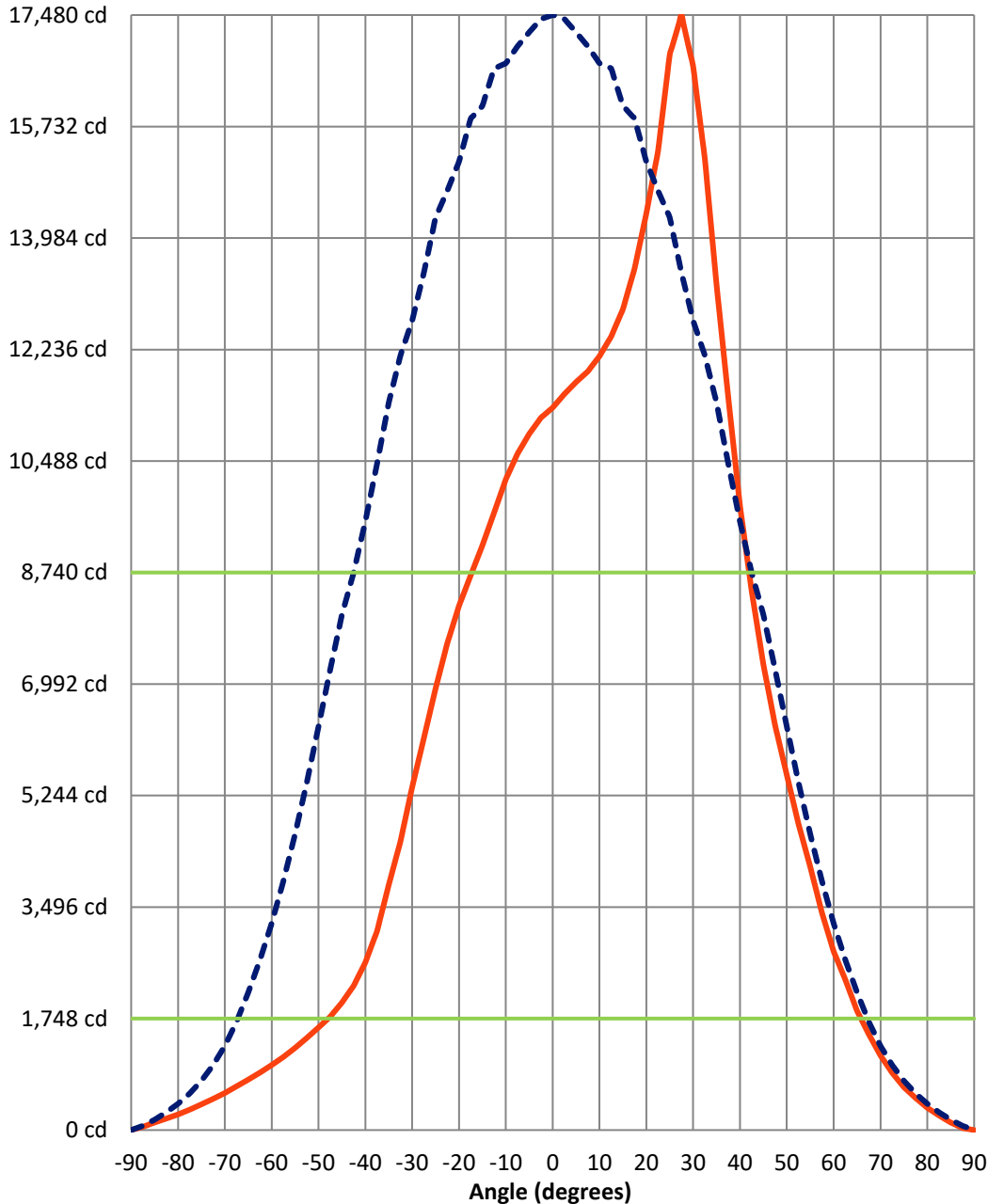
Luminous Intensity Polar Plot



— 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: 13216.9
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 23574.3
 Efficiency: 92.5%

Spill:
 Lumens: 1909.1
 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	3.3	6.8	10.1	13.3	16.4	19.5	22.4	25.3	28.0	30.7
85°	0.0	6.7	13.6	20.2	26.6	32.9	38.9	44.8	50.5	56.0	61.3
82.5°	0.0	10.0	20.3	30.2	39.8	49.2	58.3	67.2	77.3	94.2	111.7
80°	0.0	13.3	27.0	40.2	53.0	65.5	79.3	101.4	124.5	148.5	173.4
77.5°	0.0	16.6	33.7	50.1	66.1	85.4	112.7	141.3	171.2	202.2	238.4
75°	0.0	19.8	40.3	59.9	80.4	112.0	145.6	180.7	218.5	266.3	315.2
72.5°	0.0	23.0	46.8	69.7	100.7	138.2	177.9	222.5	277.2	333.3	390.8
70°	0.0	26.2	53.2	80.2	120.7	163.9	210.9	272.1	334.8	399.4	474.9
67.5°	0.0	29.3	59.5	94.4	140.2	189.0	251.3	320.7	391.5	475.3	559.8
65°	0.0	32.3	65.6	108.3	159.3	217.0	290.5	368.1	457.0	549.6	647.8
62.5°	0.0	35.3	71.7	121.9	177.9	247.4	328.4	421.0	521.1	624.8	744.6
60°	0.0	38.2	77.6	135.1	195.9	276.8	364.9	475.1	583.4	707.5	838.3
57.5°	0.0	41.1	85.9	147.9	217.6	305.1	406.3	527.1	651.1	787.3	945.4
55°	0.0	43.8	93.9	160.2	238.6	332.1	446.4	575.5	718.0	868.0	1055.0
52.5°	0.0	46.5	101.8	172.1	258.7	358.6	484.4	626.8	782.0	958.4	1158.3
50°	0.0	49.1	109.3	183.6	277.8	387.7	520.1	675.7	846.6	1043.3	1281.8
47.5°	0.0	51.5	116.6	195.1	295.9	415.1	554.1	721.1	915.6	1122.3	1399.7
45°	0.0	53.9	123.5	207.8	312.9	440.6	589.7	763.1	975.5	1217.9	1508.2
42.5°	0.0	56.2	130.2	219.7	328.9	464.2	622.5	807.1	1030.7	1306.0	1630.2
40°	0.0	58.3	136.5	231.1	345.1	485.9	652.4	851.1	1086.2	1385.2	1744.5
37.5°	0.0	60.4	142.5	242.0	361.2	505.7	679.3	891.1	1146.2	1457.6	1846.9
35°	0.0	62.3	148.1	252.1	376.0	525.4	703.3	927.0	1199.1	1534.6	1943.3
32.5°	0.0	64.1	153.4	261.5	389.3	543.8	726.4	958.8	1244.8	1600.5	2029.3
30°	0.0	65.8	158.3	270.1	401.2	560.1	751.2	988.3	1283.3	1655.3	2100.5
27.5°	0.0	67.3	162.8	278.1	412.5	574.0	772.6	1018.9	1319.1	1699.0	2157.2
25°	0.0	68.8	166.9	285.2	422.5	585.8	790.7	1043.9	1353.9	1739.2	2199.7
22.5°	0.0	70.0	170.6	291.6	431.0	596.0	805.5	1063.4	1380.1	1771.7	2236.1
20°	0.0	71.2	173.9	297.3	438.2	606.2	816.9	1077.4	1397.9	1792.8	2259.5
17.5°	0.0	72.2	176.8	302.1	444.0	614.6	827.3	1086.2	1407.6	1802.7	2270.4
15°	0.0	73.1	179.3	306.2	448.5	621.2	835.6	1092.3	1409.6	1802.1	2268.9
12.5°	0.0	73.8	181.4	309.6	451.6	626.0	840.7	1096.9	1409.6	1791.3	2255.4
10°	0.0	74.4	183.1	312.1	453.5	629.1	842.8	1097.2	1407.3	1785.9	2234.9
7.5°	0.0	74.8	184.3	313.9	454.1	630.4	841.8	1093.4	1399.0	1774.6	2212.1
5°	0.0	75.1	185.1	314.9	453.5	629.9	838.1	1085.7	1385.0	1755.7	2178.1
2.5°	0.0	75.3	185.5	315.1	451.8	627.7	831.7	1074.3	1365.8	1729.6	2134.2
0°	0.0	75.3	185.5	314.6	449.0	623.8	822.8	1059.4	1341.7	1696.7	2081.2
-2.5°	0.0	75.4	185.1	313.2	446.8	617.9	813.4	1043.8	1318.0	1660.2	2027.9
-5°	0.0	75.4	184.2	311.0	443.6	610.4	801.7	1025.2	1290.1	1617.8	1967.7
-7.5°	0.0	75.2	182.9	308.2	439.4	601.4	787.9	1003.8	1258.4	1570.2	1901.4
-10°	0.0	74.8	181.3	304.6	434.2	591.1	772.1	979.7	1223.1	1517.9	1829.9
-12.5°	0.0	74.4	179.3	300.4	428.0	579.4	754.4	953.3	1184.7	1462.1	1759.7
-15°	0.0	73.7	176.8	295.5	420.9	566.6	734.8	924.6	1145.3	1407.3	1688.0
-17.5°	0.0	73.0	174.1	290.0	412.8	552.7	713.6	896.1	1105.9	1349.4	1612.7
-20°	0.0	72.1	170.9	283.8	403.8	537.8	691.6	867.1	1064.4	1289.0	1534.3



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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	71.0	167.4	277.1	393.8	522.1	669.5	836.1	1021.0	1226.5	1453.5
-25°	0.0	69.8	163.6	269.8	383.0	506.3	646.1	803.2	976.2	1162.4	1370.8
-27.5°	0.0	68.4	159.5	262.0	371.4	489.9	621.5	768.5	930.0	1100.3	1292.3
-30°	0.0	67.0	155.1	253.6	358.9	472.4	595.8	732.3	885.4	1043.7	1214.0
-32.5°	0.0	65.3	150.3	244.8	346.1	454.0	569.2	698.5	841.0	986.8	1136.1
-35°	0.0	63.6	145.3	235.4	332.6	434.6	544.3	665.1	795.2	929.9	1059.0
-37.5°	0.0	61.7	140.0	225.6	318.4	415.1	519.6	631.0	748.3	873.3	995.3
-40°	0.0	59.7	134.5	215.4	303.6	396.4	494.0	596.4	700.3	818.1	934.9
-42.5°	0.0	57.5	128.7	204.8	288.8	377.0	467.6	561.3	657.1	764.7	873.5
-45°	0.0	55.3	122.7	193.9	274.2	357.0	440.4	527.3	616.5	711.3	811.6
-47.5°	0.0	52.9	116.4	182.5	259.1	336.5	412.5	494.8	575.9	657.9	752.5
-50°	0.0	50.4	110.0	172.4	243.4	315.5	387.0	461.6	535.9	613.0	693.7
-52.5°	0.0	47.8	103.3	162.4	227.3	293.9	361.4	427.8	497.0	567.3	636.0
-55°	0.0	45.1	96.4	152.1	210.7	273.1	335.5	394.0	458.4	520.9	584.9
-57.5°	0.0	42.3	89.4	141.5	193.7	252.0	309.1	363.9	419.2	476.4	533.1
-60°	0.0	39.4	82.2	130.7	176.5	230.5	282.6	333.4	380.4	432.2	482.0
-62.5°	0.0	36.4	76.1	119.6	161.9	208.6	256.6	302.4	345.5	387.6	433.2
-65°	0.0	33.4	69.8	108.3	146.9	186.3	230.2	271.4	310.2	347.2	384.0
-67.5°	0.0	30.2	63.3	96.8	131.8	165.6	203.4	240.7	274.5	307.8	339.0
-70°	0.0	27.0	56.7	85.1	116.4	146.6	176.3	209.8	240.4	268.0	295.7
-72.5°	0.0	23.8	49.9	74.5	100.8	127.4	153.0	178.8	206.1	230.9	253.0
-75°	0.0	20.5	43.0	64.1	85.0	107.9	130.0	151.3	171.8	193.7	213.4
-77.5°	0.0	17.1	36.0	53.6	70.7	88.3	106.8	124.9	141.9	157.9	173.9
-80°	0.0	13.8	28.9	43.0	56.7	70.2	83.5	98.4	112.4	125.5	137.8
-82.5°	0.0	10.3	21.7	32.3	42.6	52.7	62.5	72.6	82.8	93.1	102.8
-85°	0.0	6.9	14.5	21.6	28.5	35.2	41.7	48.5	55.1	61.7	68.1
-87.5°	0.0	3.5	7.3	10.8	14.2	17.6	20.9	24.3	27.6	30.9	34.1
-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: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.3	33.6	34.7	35.5	36.8	38.0	39.1	40.0	40.7	41.2	41.6
85°	64.6	67.2	75.2	82.8	90.7	97.9	104.3	109.9	114.5	118.2	121.1
82.5°	126.2	139.6	152.4	164.4	175.4	185.2	194.6	205.4	214.2	221.5	227.4
80°	193.5	211.9	234.3	255.3	274.2	291.5	307.2	321.5	332.5	343.6	354.4
77.5°	272.0	301.8	329.5	355.1	379.8	408.7	435.4	459.9	478.8	493.1	504.0
75°	356.4	391.7	432.2	472.2	509.9	544.5	578.2	619.1	652.6	677.6	697.7
72.5°	446.5	497.3	546.7	594.7	650.0	703.7	755.8	806.3	850.5	883.0	909.3
70°	543.8	602.8	671.1	740.2	806.7	874.2	946.1	1011.5	1065.7	1104.0	1140.5
67.5°	643.2	726.1	806.9	890.1	984.3	1070.1	1148.6	1231.4	1304.4	1352.5	1394.5
65°	757.8	850.5	958.5	1068.8	1172.2	1279.4	1378.6	1468.4	1560.5	1627.4	1682.4
62.5°	868.6	999.0	1126.4	1255.4	1385.3	1501.9	1631.4	1747.0	1839.5	1935.3	2017.4
60°	1000.0	1155.0	1311.1	1466.7	1612.2	1775.8	1917.9	2052.1	2176.0	2282.7	2383.7
57.5°	1131.2	1331.2	1516.0	1698.6	1890.9	2066.0	2233.0	2383.4	2531.4	2655.0	2776.1
55°	1269.2	1526.7	1739.9	1965.4	2177.0	2374.7	2562.4	2750.7	2908.5	3078.8	3226.9
52.5°	1422.3	1716.5	1992.0	2240.3	2478.8	2706.9	2931.3	3158.1	3379.6	3556.1	3723.5
50°	1565.4	1916.1	2247.5	2530.8	2805.0	3075.7	3356.2	3639.8	3883.9	4085.8	4260.0
47.5°	1723.0	2101.5	2522.6	2836.0	3165.0	3500.5	3841.1	4154.2	4420.1	4694.8	4887.3
45°	1876.5	2289.1	2746.0	3180.9	3561.6	3968.0	4343.0	4688.4	5073.8	5373.8	5631.0
42.5°	2016.7	2466.9	2975.5	3529.0	4004.9	4441.1	4847.0	5332.9	5775.7	6126.4	6447.3
40°	2160.9	2628.6	3184.1	3852.2	4447.0	4912.6	5406.7	5943.7	6520.0	6951.5	7335.2
37.5°	2292.7	2794.1	3375.0	4099.0	4882.3	5394.2	5940.5	6523.1	7180.2	7829.2	8290.3
35°	2409.3	2934.2	3564.4	4299.7	5101.7	5860.9	6438.7	7059.2	7778.3	8620.4	9250.1
32.5°	2515.2	3048.6	3714.5	4456.2	5269.9	6160.0	6893.1	7530.1	8251.6	9120.6	10189.9
30°	2601.4	3159.4	3826.5	4569.4	5385.3	6271.9	7203.0	7896.9	8581.7	9434.4	10429.6
27.5°	2666.8	3240.6	3903.5	4640.0	5447.1	6323.9	7219.3	8075.6	8738.4	9540.8	10445.9
25°	2717.0	3307.2	3944.4	4666.2	5456.2	6301.0	7162.7	7973.1	8717.1	9424.5	10236.7
22.5°	2758.6	3353.1	3989.1	4648.5	5415.0	6219.9	7030.4	7802.9	8523.1	9185.4	9884.0
20°	2789.8	3382.5	4011.7	4665.8	5346.0	6088.1	6863.2	7598.4	8294.1	8935.4	9504.0
17.5°	2803.9	3391.1	4011.7	4662.6	5334.3	5983.4	6658.3	7365.0	8048.9	8686.1	9247.9
15°	2801.4	3379.8	3989.6	4637.7	5299.4	5942.4	6564.2	7147.2	7784.0	8428.2	8987.9
12.5°	2782.8	3349.2	3946.2	4591.3	5242.6	5877.9	6488.5	7073.9	7644.9	8184.3	8719.5
10°	2749.0	3300.3	3882.4	4523.6	5164.0	5790.0	6392.7	6980.0	7545.1	8074.7	8573.0
7.5°	2714.4	3245.6	3805.6	4434.8	5063.7	5678.8	6276.0	6864.4	7418.5	7947.0	8450.2
5°	2668.6	3187.7	3747.1	4349.8	4956.1	5556.1	6140.6	6726.1	7265.4	7798.7	8303.9
2.5°	2610.5	3115.6	3673.4	4246.9	4835.6	5429.2	5994.1	6568.7	7121.7	7634.2	8132.0
0°	2541.0	3030.4	3584.3	4124.7	4694.8	5280.9	5824.1	6386.1	6961.5	7445.5	7932.2
-2.5°	2465.3	2928.2	3454.4	3992.1	4543.1	5117.9	5674.8	6207.6	6770.3	7259.6	7756.6
-5°	2380.4	2815.4	3311.0	3842.6	4373.5	4933.9	5501.2	6007.7	6545.4	7029.2	7518.0
-7.5°	2287.7	2693.7	3155.7	3674.6	4180.4	4709.0	5246.2	5733.6	6256.2	6734.7	7210.9
-10°	2189.8	2573.6	3004.9	3484.8	3961.6	4454.3	4958.9	5436.2	5938.7	6415.2	6873.4
-12.5°	2096.0	2455.1	2849.4	3285.7	3730.8	4186.0	4655.3	5116.0	5592.7	6071.5	6499.9
-15°	1997.7	2330.7	2688.8	3079.9	3489.7	3906.3	4337.3	4773.4	5220.7	5689.2	6084.9
-17.5°	1896.0	2201.4	2524.9	2869.4	3240.2	3617.4	4013.7	4434.5	4843.9	5270.6	5653.3
-20°	1792.0	2068.3	2359.6	2656.5	2985.9	3347.6	3718.3	4095.9	4468.0	4839.6	5198.9



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 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1686.5	1932.3	2197.4	2458.6	2771.9	3098.5	3423.8	3751.6	4085.4	4405.3	4745.3
-25°	1584.6	1806.0	2040.2	2294.2	2563.1	2851.0	3130.5	3407.5	3703.5	4003.5	4296.2
-27.5°	1486.4	1681.8	1902.9	2129.4	2353.3	2609.6	2854.2	3089.1	3347.4	3611.9	3848.4
-30°	1388.0	1573.5	1767.1	1968.1	2165.2	2379.1	2590.5	2796.6	3007.0	3233.6	3438.4
-32.5°	1296.6	1466.0	1642.2	1818.4	1985.7	2151.5	2347.0	2530.0	2702.2	2863.6	3042.3
-35°	1213.2	1368.5	1521.6	1673.6	1811.4	1957.2	2120.7	2274.8	2413.0	2542.6	2679.2
-37.5°	1134.5	1272.7	1401.7	1537.5	1660.0	1784.9	1905.2	2038.6	2150.6	2254.2	2366.3
-40°	1055.5	1179.1	1295.3	1408.7	1521.0	1625.4	1728.0	1818.8	1908.9	2008.5	2085.6
-42.5°	977.8	1092.6	1196.5	1283.6	1389.5	1479.4	1559.1	1634.4	1708.1	1785.7	1847.4
-45°	909.2	1007.0	1101.8	1185.1	1264.6	1341.2	1408.9	1468.0	1537.7	1591.6	1638.3
-47.5°	840.0	924.7	1011.4	1088.3	1154.7	1217.0	1267.4	1326.7	1383.9	1430.1	1457.4
-50°	771.9	849.4	922.8	994.4	1054.6	1104.7	1148.0	1196.9	1244.4	1283.7	1309.7
-52.5°	709.2	773.8	841.9	902.9	958.3	1003.1	1044.5	1087.0	1121.8	1148.8	1182.8
-55°	647.1	706.8	763.5	818.3	865.7	906.8	947.3	985.0	1014.8	1038.1	1066.2
-57.5°	588.9	642.7	692.2	738.2	780.8	816.1	855.5	887.7	915.5	937.3	966.3
-60°	532.2	580.3	625.3	665.4	700.3	735.1	767.3	796.9	821.1	842.7	869.3
-62.5°	475.7	519.2	559.8	596.6	628.4	657.2	686.2	711.4	731.6	754.0	776.0
-65°	422.9	459.6	495.1	528.7	558.6	586.0	609.9	630.3	649.3	669.2	687.0
-67.5°	370.2	404.4	434.2	460.9	488.6	515.1	537.3	556.1	572.0	588.2	603.0
-70°	323.0	350.2	377.4	401.5	422.6	444.7	466.3	484.0	498.1	510.9	523.0
-72.5°	276.6	300.7	323.2	343.9	363.1	380.9	397.8	413.9	427.1	437.1	445.7
-75°	232.6	251.3	270.7	288.9	304.4	318.2	331.2	344.1	354.9	363.4	370.3
-77.5°	190.3	206.1	221.0	234.9	246.2	257.1	267.2	276.5	284.8	291.3	296.0
-80°	149.5	160.9	172.9	184.3	193.0	200.4	206.9	212.4	218.5	224.7	230.2
-82.5°	111.3	119.5	127.5	135.2	141.3	146.4	150.8	155.1	159.5	163.5	167.1
-85°	73.3	78.0	82.8	87.5	92.1	96.2	99.7	102.7	105.1	107.1	108.8
-87.5°	36.6	39.0	41.2	43.2	45.4	47.5	49.5	51.3	52.5	53.6	54.4
-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: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.9	42.0	41.9	41.7	41.4	39.8	37.9	35.9	33.8	34.8	35.7
85°	123.2	123.7	123.3	122.1	120.1	120.0	119.6	118.8	117.7	119.5	121.0
82.5°	232.0	233.7	233.9	232.8	230.5	231.5	232.0	231.5	230.1	231.7	232.8
80°	362.6	366.0	366.2	363.7	358.8	359.5	359.9	358.8	356.5	357.0	356.9
77.5°	516.6	524.5	527.3	526.1	521.2	519.7	516.2	509.1	498.8	498.6	498.9
75°	712.9	721.1	725.3	725.0	720.2	717.1	712.6	704.5	693.0	692.5	692.6
72.5°	929.6	941.5	946.9	951.8	951.7	949.9	944.1	932.1	914.2	912.1	914.3
70°	1168.9	1189.1	1201.8	1211.6	1219.3	1221.0	1217.2	1207.5	1191.9	1187.8	1186.5
67.5°	1435.5	1467.7	1492.0	1508.2	1523.5	1534.5	1538.7	1534.3	1521.7	1517.5	1519.2
65°	1734.2	1783.9	1824.9	1855.6	1876.3	1890.8	1903.5	1911.1	1913.0	1917.4	1923.4
62.5°	2083.2	2144.2	2201.3	2240.1	2260.1	2274.3	2315.3	2338.9	2345.7	2347.1	2356.2
60°	2472.8	2550.0	2621.2	2678.4	2724.6	2759.6	2794.5	2817.5	2826.1	2827.8	2840.3
57.5°	2899.0	2995.8	3079.2	3167.8	3229.6	3265.3	3311.9	3359.9	3385.0	3392.2	3421.7
55°	3370.4	3502.6	3610.7	3705.4	3791.7	3867.5	3931.6	3981.1	4017.7	4039.7	4078.9
52.5°	3891.8	4047.1	4160.1	4271.3	4394.9	4482.1	4539.1	4630.7	4697.0	4733.4	4780.1
50°	4464.2	4637.2	4791.2	4907.8	5051.7	5170.7	5257.5	5344.2	5404.9	5439.6	5484.7
47.5°	5115.7	5328.9	5507.6	5615.6	5782.5	5922.8	5979.4	6044.9	6159.2	6214.1	6262.4
45°	5849.4	6121.2	6319.7	6488.8	6632.4	6789.7	6892.7	6967.1	7079.7	7136.3	7171.9
42.5°	6722.2	7024.7	7286.2	7489.2	7609.9	7813.9	7962.9	8004.7	8164.2	8272.4	8304.2
40°	7701.2	8036.5	8381.4	8612.9	8807.2	9014.4	9259.9	9396.7	9531.6	9637.6	9661.6
37.5°	8721.4	9170.1	9563.9	9862.6	10183.8	10489.5	10749.8	10891.8	10980.3	11183.2	11258.9
35°	9758.4	10221.5	10773.1	11237.4	11626.7	12004.2	12301.1	12534.9	12757.5	12940.2	13049.6
32.5°	10641.6	11139.9	11821.0	12516.1	12936.5	13345.2	13832.9	14100.4	14397.5	14638.2	14814.0
30°	11367.3	11841.1	12461.2	13333.6	13908.9	14323.2	14940.5	15310.4	15633.9	16041.9	16183.8
27.5°	11401.7	12142.2	12690.6	13441.8	14305.4	14726.0	15182.8	15855.1	16059.0	16640.7	16724.5
25°	11102.4	11879.9	12443.5	13070.6	13788.6	14300.1	14717.3	15276.4	15569.1	15943.2	16230.5
22.5°	10634.3	11319.6	11894.4	12426.2	12986.5	13452.2	13833.6	14226.6	14547.9	14838.0	15107.6
20°	10117.4	10767.9	11313.0	11770.3	12214.3	12646.1	12989.1	13319.2	13597.0	13846.2	13999.6
17.5°	9753.3	10221.3	10778.3	11246.7	11631.7	11970.7	12325.4	12601.7	12845.4	13069.6	13209.9
15°	9504.7	9949.7	10346.3	10776.2	11181.9	11505.0	11772.1	12057.2	12267.8	12460.8	12612.8
12.5°	9246.7	9705.3	10120.3	10478.3	10795.9	11148.8	11434.3	11658.5	11879.5	12031.0	12187.1
10°	9031.2	9460.3	9890.7	10268.8	10602.9	10893.7	11164.1	11415.5	11613.8	11783.8	11906.8
7.5°	8906.1	9326.9	9713.8	10076.5	10402.2	10712.1	10990.9	11221.4	11418.0	11593.9	11722.7
5°	8761.1	9177.6	9563.8	9934.5	10247.4	10545.1	10822.8	11060.0	11263.4	11420.1	11543.4
2.5°	8594.8	9005.6	9390.9	9767.8	10080.5	10367.6	10630.4	10861.7	11073.7	11223.0	11327.9
0°	8405.4	8816.8	9193.2	9548.2	9862.8	10172.0	10414.0	10647.9	10855.0	11002.9	11107.7
-2.5°	8214.3	8623.2	9012.8	9353.0	9665.2	9950.7	10208.2	10429.2	10626.9	10774.2	10866.3
-5°	7960.3	8366.7	8751.2	9094.0	9420.1	9706.8	9957.2	10181.9	10372.4	10532.9	10657.7
-7.5°	7652.8	8063.7	8447.9	8797.8	9122.4	9393.3	9633.7	9860.0	10063.4	10238.8	10392.5
-10°	7314.6	7721.0	8084.0	8411.7	8714.2	8989.5	9245.4	9469.0	9655.4	9827.1	9956.4
-12.5°	6920.8	7297.1	7652.1	7975.2	8270.9	8546.6	8789.9	9002.9	9190.5	9342.7	9459.3
-15°	6486.3	6843.4	7179.7	7509.9	7819.5	8091.1	8305.1	8529.6	8692.1	8839.8	8944.9
-17.5°	6021.3	6366.6	6720.3	7051.3	7337.2	7605.0	7840.5	8045.7	8216.3	8351.8	8470.2
-20°	5550.0	5901.8	6242.2	6557.6	6832.5	7080.9	7319.3	7516.4	7691.3	7838.7	7977.6



REPORT NUMBER: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5076.8	5399.4	5718.9	6027.5	6287.5	6522.3	6731.1	6919.6	7073.9	7247.7	7370.4
-25°	4590.6	4873.3	5161.9	5434.5	5680.3	5911.0	6100.3	6265.6	6426.5	6594.2	6713.8
-27.5°	4102.1	4352.1	4586.4	4827.6	5043.0	5242.9	5418.5	5563.2	5719.4	5831.4	5962.9
-30°	3619.0	3845.7	4041.2	4209.0	4411.5	4583.1	4719.8	4863.5	4992.5	5099.5	5210.3
-32.5°	3209.9	3364.9	3521.1	3661.4	3796.1	3937.1	4047.3	4172.7	4261.1	4353.3	4442.8
-35°	2816.8	2936.2	3039.9	3171.1	3272.1	3348.8	3440.7	3532.7	3568.1	3668.4	3721.8
-37.5°	2460.8	2539.1	2635.9	2727.3	2802.2	2859.6	2941.4	2989.6	3015.0	3079.8	3114.6
-40°	2156.0	2205.5	2295.8	2358.3	2403.3	2444.9	2512.9	2544.3	2578.9	2611.2	2612.1
-42.5°	1887.9	1951.6	2012.9	2061.9	2090.4	2137.9	2169.9	2173.4	2218.3	2247.0	2251.4
-45°	1668.7	1733.4	1781.9	1818.0	1846.4	1887.2	1907.9	1919.4	1956.0	1975.5	1984.0
-47.5°	1500.3	1545.5	1587.5	1615.3	1652.6	1682.8	1698.0	1717.2	1745.3	1763.2	1776.0
-50°	1352.2	1388.0	1419.9	1445.4	1482.6	1509.5	1523.9	1547.7	1568.7	1581.6	1591.6
-52.5°	1222.0	1253.9	1276.1	1300.8	1331.6	1355.5	1373.9	1397.4	1414.9	1426.3	1435.2
-55°	1100.0	1130.1	1151.7	1178.7	1200.7	1216.7	1232.4	1255.3	1272.5	1284.1	1291.7
-57.5°	992.5	1015.0	1036.2	1060.7	1081.7	1099.1	1113.1	1125.8	1137.0	1146.5	1153.9
-60°	891.7	910.1	929.6	948.7	964.5	977.1	992.1	1003.6	1010.8	1015.4	1021.5
-62.5°	794.8	811.4	828.6	844.1	856.7	867.2	879.3	888.8	895.5	900.3	903.9
-65°	702.8	717.0	731.6	744.4	755.3	764.5	773.0	779.7	784.4	788.5	791.6
-67.5°	616.6	627.9	638.1	647.0	655.2	663.0	670.5	675.6	678.3	681.6	684.9
-70°	533.5	542.4	549.2	554.6	559.4	565.6	572.8	577.8	580.7	583.9	586.9
-72.5°	453.1	459.7	465.2	469.7	472.3	476.3	481.3	485.4	488.5	490.9	492.0
-75°	375.8	381.1	386.0	389.4	391.5	394.3	396.8	398.2	398.4	399.5	400.2
-77.5°	300.1	305.4	310.0	313.2	315.2	317.5	319.3	320.3	320.5	320.7	320.0
-80°	234.3	237.9	240.9	243.2	244.7	246.3	247.2	247.4	246.9	247.4	247.6
-82.5°	170.2	173.4	176.1	178.1	179.5	181.1	182.4	183.3	183.8	184.0	183.8
-85°	110.1	111.6	113.0	114.3	115.5	116.3	116.7	116.7	116.5	116.5	116.4
-87.5°	55.1	54.4	53.6	52.5	51.2	51.6	51.8	52.0	52.0	52.5	53.0
-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: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	36.6	37.5	34.9	32.3	34.9	37.5	36.6	35.7	34.8	33.8	35.9
85°	122.2	123.0	120.8	118.3	120.8	123.0	122.2	121.0	119.5	117.7	118.8
82.5°	233.1	232.7	231.0	228.6	231.0	232.7	233.1	232.8	231.7	230.1	231.5
80°	355.6	353.2	351.8	349.6	351.8	353.2	355.6	356.9	357.0	356.5	358.8
77.5°	497.6	494.9	499.3	502.8	499.3	494.9	497.6	498.9	498.6	498.8	509.1
75°	690.0	684.7	679.5	672.2	679.5	684.7	690.0	692.6	692.5	693.0	704.5
72.5°	913.3	909.1	905.0	898.1	905.0	909.1	913.3	914.3	912.1	914.2	932.1
70°	1179.4	1166.9	1169.0	1169.7	1169.0	1166.9	1179.4	1186.5	1187.8	1191.9	1207.5
67.5°	1514.3	1502.9	1504.4	1503.1	1504.4	1502.9	1514.3	1519.2	1517.5	1521.7	1534.3
65°	1919.8	1907.0	1891.6	1868.8	1891.6	1907.0	1919.8	1923.4	1917.4	1913.0	1911.1
62.5°	2355.0	2343.8	2350.3	2355.5	2350.3	2343.8	2355.0	2356.2	2347.1	2345.7	2338.9
60°	2838.3	2822.5	2814.6	2801.8	2814.6	2822.5	2838.3	2840.3	2827.8	2826.1	2817.5
57.5°	3435.3	3432.4	3425.4	3406.8	3425.4	3432.4	3435.3	3421.7	3392.2	3385.0	3359.9
55°	4097.2	4093.5	4108.8	4127.4	4108.8	4093.5	4097.2	4078.9	4039.7	4017.7	3981.1
52.5°	4814.5	4826.6	4822.2	4796.9	4822.2	4826.6	4814.5	4780.1	4733.4	4697.0	4630.7
50°	5524.5	5538.1	5552.6	5566.0	5552.6	5538.1	5524.5	5484.7	5439.6	5404.9	5344.2
47.5°	6329.2	6365.0	6371.2	6345.7	6371.2	6365.0	6329.2	6262.4	6214.1	6159.2	6044.9
45°	7243.3	7265.0	7275.9	7297.6	7275.9	7265.0	7243.3	7171.9	7136.3	7079.7	6967.1
42.5°	8395.9	8420.9	8424.9	8448.4	8424.9	8420.9	8395.9	8304.2	8272.4	8164.2	8004.7
40°	9764.1	9804.6	9797.6	9787.5	9797.6	9804.6	9764.1	9661.6	9637.6	9531.6	9396.7
37.5°	11365.6	11434.4	11441.6	11484.2	11441.6	11434.4	11365.6	11258.9	11183.2	10980.3	10891.8
35°	13162.9	13244.0	13230.0	13250.8	13230.0	13244.0	13162.9	13049.6	12940.2	12757.5	12534.9
32.5°	14975.9	15097.5	15121.9	15224.4	15121.9	15097.5	14975.9	14814.0	14638.2	14397.5	14100.4
30°	16400.3	16570.8	16682.0	16673.7	16682.0	16570.8	16400.3	16183.8	16041.9	15633.9	15310.4
27.5°	16990.4	17211.2	17417.9	17480.3	17417.9	17211.2	16990.4	16724.5	16640.7	16059.0	15855.1
25°	16414.7	16576.0	16758.6	16856.5	16758.6	16576.0	16414.7	16230.5	15943.2	15569.1	15276.4
22.5°	15231.7	15336.7	15398.9	15348.1	15398.9	15336.7	15231.7	15107.6	14838.0	14547.9	14226.6
20°	14158.3	14291.1	14315.8	14369.3	14315.8	14291.1	14158.3	13999.6	13846.2	13597.0	13319.2
17.5°	13359.4	13446.3	13497.3	13508.9	13497.3	13446.3	13359.4	13209.9	13069.6	12845.4	12601.7
15°	12733.2	12802.9	12848.7	12868.9	12848.7	12802.9	12733.2	12612.8	12460.8	12267.8	12057.2
12.5°	12289.5	12374.4	12416.1	12441.4	12416.1	12374.4	12289.5	12187.1	12031.0	11879.5	11658.5
10°	12004.9	12087.0	12120.0	12132.2	12120.0	12087.0	12004.9	11906.8	11783.8	11613.8	11415.5
7.5°	11800.6	11853.3	11875.5	11892.9	11875.5	11853.3	11800.6	11722.7	11593.9	11418.0	11221.4
5°	11635.8	11677.7	11701.2	11726.2	11701.2	11677.7	11635.8	11543.4	11420.1	11263.4	11060.0
2.5°	11411.4	11471.3	11512.8	11537.9	11512.8	11471.3	11411.4	11327.9	11223.0	11073.7	10861.7
0°	11191.1	11247.5	11277.1	11325.5	11277.1	11247.5	11191.1	11107.7	11002.9	10855.0	10647.9
-2.5°	10948.8	11014.2	11091.9	11166.9	11091.9	11014.2	10948.8	10866.3	10774.2	10626.9	10429.2
-5°	10763.5	10849.9	10866.1	10914.1	10866.1	10849.9	10763.5	10657.7	10532.9	10372.4	10181.9
-7.5°	10483.9	10523.3	10590.3	10602.2	10590.3	10523.3	10483.9	10392.5	10238.8	10063.4	9860.0
-10°	10053.1	10117.2	10159.0	10201.6	10159.0	10117.2	10053.1	9956.4	9827.1	9655.4	9469.0
-12.5°	9546.9	9622.2	9689.4	9679.9	9689.4	9622.2	9546.9	9459.3	9342.7	9190.5	9002.9
-15°	9053.8	9126.4	9172.6	9166.4	9172.6	9126.4	9053.8	8944.9	8839.8	8692.1	8529.6
-17.5°	8564.2	8630.6	8697.4	8695.8	8697.4	8630.6	8564.2	8470.2	8351.8	8216.3	8045.7
-20°	8058.8	8115.6	8187.2	8217.2	8187.2	8115.6	8058.8	7977.6	7838.7	7691.3	7516.4



REPORT NUMBER: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7474.3	7547.0	7599.0	7631.0	7599.0	7547.0	7474.3	7370.4	7247.7	7073.9	6919.6
-25°	6793.1	6867.7	6907.2	6921.2	6907.2	6867.7	6793.1	6713.8	6594.2	6426.5	6265.6
-27.5°	6040.4	6124.1	6164.7	6144.1	6164.7	6124.1	6040.4	5962.9	5831.4	5719.4	5563.2
-30°	5268.5	5322.2	5328.4	5375.1	5328.4	5322.2	5268.5	5210.3	5099.5	4992.5	4863.5
-32.5°	4507.0	4543.0	4522.6	4525.4	4522.6	4543.0	4507.0	4442.8	4353.3	4261.1	4172.7
-35°	3755.0	3783.7	3789.5	3842.4	3789.5	3783.7	3755.0	3721.8	3668.4	3568.1	3532.7
-37.5°	3150.5	3162.1	3144.4	3119.1	3144.4	3162.1	3150.5	3114.6	3079.8	3015.0	2989.6
-40°	2637.7	2646.7	2640.1	2627.0	2640.1	2646.7	2637.7	2612.1	2611.2	2578.9	2544.3
-42.5°	2268.9	2269.0	2263.0	2261.3	2263.0	2269.0	2268.9	2251.4	2247.0	2218.3	2173.4
-45°	1996.4	1999.3	1998.8	1997.8	1998.8	1999.3	1996.4	1984.0	1975.5	1956.0	1919.4
-47.5°	1785.1	1785.6	1782.8	1777.3	1782.8	1785.6	1785.1	1776.0	1763.2	1745.3	1717.2
-50°	1597.9	1597.9	1601.5	1607.9	1601.5	1597.9	1597.9	1591.6	1581.6	1568.7	1547.7
-52.5°	1439.8	1439.4	1441.4	1443.9	1441.4	1439.4	1439.8	1435.2	1426.3	1414.9	1397.4
-55°	1295.1	1294.3	1292.4	1288.0	1292.4	1294.3	1295.1	1291.7	1284.1	1272.5	1255.3
-57.5°	1156.7	1155.1	1151.7	1145.5	1151.7	1155.1	1156.7	1153.9	1146.5	1137.0	1125.8
-60°	1024.9	1025.5	1023.7	1019.1	1023.7	1025.5	1024.9	1021.5	1015.4	1010.8	1003.6
-62.5°	904.7	902.8	902.5	900.8	902.5	902.8	904.7	903.9	900.3	895.5	888.8
-65°	792.2	790.3	790.9	790.5	790.9	790.3	792.2	791.6	788.5	784.4	779.7
-67.5°	686.3	685.7	686.3	685.7	686.3	685.7	686.3	684.9	681.6	678.3	675.6
-70°	588.6	588.9	585.8	580.8	585.8	588.9	588.6	586.9	583.9	580.7	577.8
-72.5°	491.7	490.0	490.2	489.4	490.2	490.0	491.7	492.0	490.9	488.5	485.4
-75°	400.0	398.9	401.4	403.3	401.4	398.9	400.0	400.2	399.5	398.4	398.2
-77.5°	318.5	316.1	318.3	320.0	318.3	316.1	318.5	320.0	320.7	320.5	320.3
-80°	247.3	246.5	245.8	244.7	245.8	246.5	247.3	247.6	247.4	246.9	247.4
-82.5°	183.1	182.1	181.3	180.2	181.3	182.1	183.1	183.8	184.0	183.8	183.3
-85°	115.9	115.1	116.8	118.3	116.8	115.1	115.9	116.4	116.5	116.5	116.7
-87.5°	53.3	53.6	52.4	51.1	52.4	53.6	53.3	53.0	52.5	52.0	52.0
-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: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-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°	37.9	39.8	41.4	41.7	41.9	42.0	41.9	41.6	41.2	40.7	40.0
85°	119.6	120.0	120.1	122.1	123.3	123.7	123.2	121.1	118.2	114.5	109.9
82.5°	232.0	231.5	230.5	232.8	233.9	233.7	232.0	227.4	221.5	214.2	205.4
80°	359.9	359.5	358.8	363.7	366.2	366.0	362.6	354.4	343.6	332.5	321.5
77.5°	516.2	519.7	521.2	526.1	527.3	524.5	516.6	504.0	493.1	478.8	459.9
75°	712.6	717.1	720.2	725.0	725.3	721.1	712.9	697.7	677.6	652.6	619.1
72.5°	944.1	949.9	951.7	951.8	946.9	941.5	929.6	909.3	883.0	850.5	806.3
70°	1217.2	1221.0	1219.3	1211.6	1201.8	1189.1	1168.9	1140.5	1104.0	1065.7	1011.5
67.5°	1538.7	1534.5	1523.5	1508.2	1492.0	1467.7	1435.5	1394.5	1352.5	1304.4	1231.4
65°	1903.5	1890.8	1876.3	1855.6	1824.9	1783.9	1734.2	1682.4	1627.4	1560.5	1468.4
62.5°	2315.3	2274.3	2260.1	2240.1	2201.3	2144.2	2083.2	2017.4	1935.3	1839.5	1747.0
60°	2794.5	2759.6	2724.6	2678.4	2621.2	2550.0	2472.8	2383.7	2282.7	2176.0	2052.1
57.5°	3311.9	3265.3	3229.6	3167.8	3079.2	2995.8	2899.0	2776.1	2655.0	2531.4	2383.4
55°	3931.6	3867.5	3791.7	3705.4	3610.7	3502.6	3370.4	3226.9	3078.8	2908.5	2750.7
52.5°	4539.1	4482.1	4394.9	4271.3	4160.1	4047.1	3891.8	3723.5	3556.1	3379.6	3158.1
50°	5257.5	5170.7	5051.7	4907.8	4791.2	4637.2	4464.2	4260.0	4085.8	3883.9	3639.8
47.5°	5979.4	5922.8	5782.5	5615.6	5507.6	5328.9	5115.7	4887.3	4694.8	4420.1	4154.2
45°	6892.7	6789.7	6632.4	6488.8	6319.7	6121.2	5849.4	5631.0	5373.8	5073.8	4688.4
42.5°	7962.9	7813.9	7609.9	7489.2	7286.2	7024.7	6722.2	6447.3	6126.4	5775.7	5332.9
40°	9259.9	9014.4	8807.2	8612.9	8381.4	8036.5	7701.2	7335.2	6951.5	6520.0	5943.7
37.5°	10749.8	10489.5	10183.8	9862.6	9563.9	9170.1	8721.4	8290.3	7829.2	7180.2	6523.1
35°	12301.1	12004.2	11626.7	11237.4	10773.1	10221.5	9758.4	9250.1	8620.4	7778.3	7059.2
32.5°	13832.9	13345.2	12936.5	12516.1	11821.0	11139.9	10641.6	10189.9	9120.6	8251.6	7530.1
30°	14940.5	14323.2	13908.9	13333.6	12461.2	11841.1	11367.3	10429.6	9434.4	8581.7	7896.9
27.5°	15182.8	14726.0	14305.4	13441.8	12690.6	12142.2	11401.7	10445.9	9540.8	8738.4	8075.6
25°	14717.3	14300.1	13788.6	13070.6	12443.5	11879.9	11102.4	10236.7	9424.5	8717.1	7973.1
22.5°	13833.6	13452.2	12986.5	12426.2	11894.4	11319.6	10634.3	9884.0	9185.4	8523.1	7802.9
20°	12989.1	12646.1	12214.3	11770.3	11313.0	10767.9	10117.4	9504.0	8935.4	8294.1	7598.4
17.5°	12325.4	11970.7	11631.7	11246.7	10778.3	10221.3	9753.3	9247.9	8686.1	8048.9	7365.0
15°	11772.1	11505.0	11181.9	10776.2	10346.3	9949.7	9504.7	8987.9	8428.2	7784.0	7147.2
12.5°	11434.3	11148.8	10795.9	10478.3	10120.3	9705.3	9246.7	8719.5	8184.3	7644.9	7073.9
10°	11164.1	10893.7	10602.9	10268.8	9890.7	9460.3	9031.2	8573.0	8074.7	7545.1	6980.0
7.5°	10990.9	10712.1	10402.2	10076.5	9713.8	9326.9	8906.1	8450.2	7947.0	7418.5	6864.4
5°	10822.8	10545.1	10247.4	9934.5	9563.8	9177.6	8761.1	8303.9	7798.7	7265.4	6726.1
2.5°	10630.4	10367.6	10080.5	9767.8	9390.9	9005.6	8594.8	8132.0	7634.2	7121.7	6568.7
0°	10414.0	10172.0	9862.8	9548.2	9193.2	8816.8	8405.4	7932.2	7445.5	6961.5	6386.1
-2.5°	10208.2	9950.7	9665.2	9353.0	9012.8	8623.2	8214.3	7756.6	7259.6	6770.3	6207.6
-5°	9957.2	9706.8	9420.1	9094.0	8751.2	8366.7	7960.3	7518.0	7029.2	6545.4	6007.7
-7.5°	9633.7	9393.3	9122.4	8797.8	8447.9	8063.7	7652.8	7210.9	6734.7	6256.2	5733.6
-10°	9245.4	8989.5	8714.2	8411.7	8084.0	7721.0	7314.6	6873.4	6415.2	5938.7	5436.2
-12.5°	8789.9	8546.6	8270.9	7975.2	7652.1	7297.1	6920.8	6499.9	6071.5	5592.7	5116.0
-15°	8305.1	8091.1	7819.5	7509.9	7179.7	6843.4	6486.3	6084.9	5689.2	5220.7	4773.4
-17.5°	7840.5	7605.0	7337.2	7051.3	6720.3	6366.6	6021.3	5653.3	5270.6	4843.9	4434.5
-20°	7319.3	7080.9	6832.5	6557.6	6242.2	5901.8	5550.0	5198.9	4839.6	4468.0	4095.9



REPORT NUMBER: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6731.1	6522.3	6287.5	6027.5	5718.9	5399.4	5076.8	4745.3	4405.3	4085.4	3751.6
-25°	6100.3	5911.0	5680.3	5434.5	5161.9	4873.3	4590.6	4296.2	4003.5	3703.5	3407.5
-27.5°	5418.5	5242.9	5043.0	4827.6	4586.4	4352.1	4102.1	3848.4	3611.9	3347.4	3089.1
-30°	4719.8	4583.1	4411.5	4209.0	4041.2	3845.7	3619.0	3438.4	3233.6	3007.0	2796.6
-32.5°	4047.3	3937.1	3796.1	3661.4	3521.1	3364.9	3209.9	3042.3	2863.6	2702.2	2530.0
-35°	3440.7	3348.8	3272.1	3171.1	3039.9	2936.2	2816.8	2679.2	2542.6	2413.0	2274.8
-37.5°	2941.4	2859.6	2802.2	2727.3	2635.9	2539.1	2460.8	2366.3	2254.2	2150.6	2038.6
-40°	2512.9	2444.9	2403.3	2358.3	2295.8	2205.5	2156.0	2085.6	2008.5	1908.9	1818.8
-42.5°	2169.9	2137.9	2090.4	2061.9	2012.9	1951.6	1887.9	1847.4	1785.7	1708.1	1634.4
-45°	1907.9	1887.2	1846.4	1818.0	1781.9	1733.4	1668.7	1638.3	1591.6	1537.7	1468.0
-47.5°	1698.0	1682.8	1652.6	1615.3	1587.5	1545.5	1500.3	1457.4	1430.1	1383.9	1326.7
-50°	1523.9	1509.5	1482.6	1445.4	1419.9	1388.0	1352.2	1309.7	1283.7	1244.4	1196.9
-52.5°	1373.9	1355.5	1331.6	1300.8	1276.1	1253.9	1222.0	1182.8	1148.8	1121.8	1087.0
-55°	1232.4	1216.7	1200.7	1178.7	1151.7	1130.1	1100.0	1066.2	1038.1	1014.8	985.0
-57.5°	1113.1	1099.1	1081.7	1060.7	1036.2	1015.0	992.5	966.3	937.3	915.5	887.7
-60°	992.1	977.1	964.5	948.7	929.6	910.1	891.7	869.3	842.7	821.1	796.9
-62.5°	879.3	867.2	856.7	844.1	828.6	811.4	794.8	776.0	754.0	731.6	711.4
-65°	773.0	764.5	755.3	744.4	731.6	717.0	702.8	687.0	669.2	649.3	630.3
-67.5°	670.5	663.0	655.2	647.0	638.1	627.9	616.6	603.0	588.2	572.0	556.1
-70°	572.8	565.6	559.4	554.6	549.2	542.4	533.5	523.0	510.9	498.1	484.0
-72.5°	481.3	476.3	472.3	469.7	465.2	459.7	453.1	445.7	437.1	427.1	413.9
-75°	396.8	394.3	391.5	389.4	386.0	381.1	375.8	370.3	363.4	354.9	344.1
-77.5°	319.3	317.5	315.2	313.2	310.0	305.4	300.1	296.0	291.3	284.8	276.5
-80°	247.2	246.3	244.7	243.2	240.9	237.9	234.3	230.2	224.7	218.5	212.4
-82.5°	182.4	181.1	179.5	178.1	176.1	173.4	170.2	167.1	163.5	159.5	155.1
-85°	116.7	116.3	115.5	114.3	113.0	111.6	110.1	108.8	107.1	105.1	102.7
-87.5°	51.8	51.6	51.2	52.5	53.6	54.4	55.1	54.4	53.6	52.5	51.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559202 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-927-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.1	38.0	36.8	35.5	34.7	33.6	32.3	30.7	28.0	25.3	22.4
85°	104.3	97.9	90.7	82.8	75.2	67.2	64.6	61.3	56.0	50.5	44.8
82.5°	194.6	185.2	175.4	164.4	152.4	139.6	126.2	111.7	94.2	77.3	67.2
80°	307.2	291.5	274.2	255.3	234.3	211.9	193.5	173.4	148.5	124.5	101.4
77.5°	435.4	408.7	379.8	355.1	329.5	301.8	272.0	238.4	202.2	171.2	141.3
75°	578.2	544.5	509.9	472.2	432.2	391.7	356.4	315.2	266.3	218.5	180.7
72.5°	755.8	703.7	650.0	594.7	546.7	497.3	446.5	390.8	333.3	277.2	222.5
70°	946.1	874.2	806.7	740.2	671.1	602.8	543.8	474.9	399.4	334.8	272.1
67.5°	1148.6	1070.1	984.3	890.1	806.9	726.1	643.2	559.8	475.3	391.5	320.7
65°	1378.6	1279.4	1172.2	1068.8	958.5	850.5	757.8	647.8	549.6	457.0	368.1
62.5°	1631.4	1501.9	1385.3	1255.4	1126.4	999.0	868.6	744.6	624.8	521.1	421.0
60°	1917.9	1775.8	1612.2	1466.7	1311.1	1155.0	1000.0	838.3	707.5	583.4	475.1
57.5°	2233.0	2066.0	1890.9	1698.6	1516.0	1331.2	1131.2	945.4	787.3	651.1	527.1
55°	2562.4	2374.7	2177.0	1965.4	1739.9	1526.7	1269.2	1055.0	868.0	718.0	575.5
52.5°	2931.3	2706.9	2478.8	2240.3	1992.0	1716.5	1422.3	1158.3	958.4	782.0	626.8
50°	3356.2	3075.7	2805.0	2530.8	2247.5	1916.1	1565.4	1281.8	1043.3	846.6	675.7
47.5°	3841.1	3500.5	3165.0	2836.0	2522.6	2101.5	1723.0	1399.7	1122.3	915.6	721.1
45°	4343.0	3968.0	3561.6	3180.9	2746.0	2289.1	1876.5	1508.2	1217.9	975.5	763.1
42.5°	4847.0	4441.1	4004.9	3529.0	2975.5	2466.9	2016.7	1630.2	1306.0	1030.7	807.1
40°	5406.7	4912.6	4447.0	3852.2	3184.1	2628.6	2160.9	1744.5	1385.2	1086.2	851.1
37.5°	5940.5	5394.2	4882.3	4099.0	3375.0	2794.1	2292.7	1846.9	1457.6	1146.2	891.1
35°	6438.7	5860.9	5101.7	4299.7	3564.4	2934.2	2409.3	1943.3	1534.6	1199.1	927.0
32.5°	6893.1	6160.0	5269.9	4456.2	3714.5	3048.6	2515.2	2029.3	1600.5	1244.8	958.8
30°	7203.0	6271.9	5385.3	4569.4	3826.5	3159.4	2601.4	2100.5	1655.3	1283.3	988.3
27.5°	7219.3	6323.9	5447.1	4640.0	3903.5	3240.6	2666.8	2157.2	1699.0	1319.1	1018.9
25°	7162.7	6301.0	5456.2	4666.2	3944.4	3307.2	2717.0	2199.7	1739.2	1353.9	1043.9
22.5°	7030.4	6219.9	5415.0	4648.5	3989.1	3353.1	2758.6	2236.1	1771.7	1380.1	1063.4
20°	6863.2	6088.1	5346.0	4665.8	4011.7	3382.5	2789.8	2259.5	1792.8	1397.9	1077.4
17.5°	6658.3	5983.4	5334.3	4662.6	4011.7	3391.1	2803.9	2270.4	1802.7	1407.6	1086.2
15°	6564.2	5942.4	5299.4	4637.7	3989.6	3379.8	2801.4	2268.9	1802.1	1409.6	1092.3
12.5°	6488.5	5877.9	5242.6	4591.3	3946.2	3349.2	2782.8	2255.4	1791.3	1409.6	1096.9
10°	6392.7	5790.0	5164.0	4523.6	3882.4	3300.3	2749.0	2234.9	1785.9	1407.3	1097.2
7.5°	6276.0	5678.8	5063.7	4434.8	3805.6	3245.6	2714.4	2212.1	1774.6	1399.0	1093.4
5°	6140.6	5556.1	4956.1	4349.8	3747.1	3187.7	2668.6	2178.1	1755.7	1385.0	1085.7
2.5°	5994.1	5429.2	4835.6	4246.9	3673.4	3115.6	2610.5	2134.2	1729.6	1365.8	1074.3
0°	5824.1	5280.9	4694.8	4124.7	3584.3	3030.4	2541.0	2081.2	1696.7	1341.7	1059.4
-2.5°	5674.8	5117.9	4543.1	3992.1	3454.4	2928.2	2465.3	2027.9	1660.2	1318.0	1043.8
-5°	5501.2	4933.9	4373.5	3842.6	3311.0	2815.4	2380.4	1967.7	1617.8	1290.1	1025.2
-7.5°	5246.2	4709.0	4180.4	3674.6	3155.7	2693.7	2287.7	1901.4	1570.2	1258.4	1003.8
-10°	4958.9	4454.3	3961.6	3484.8	3004.9	2573.6	2189.8	1829.9	1517.9	1223.1	979.7
-12.5°	4655.3	4186.0	3730.8	3285.7	2849.4	2455.1	2096.0	1759.7	1462.1	1184.7	953.3
-15°	4337.3	3906.3	3489.7	3079.9	2688.8	2330.7	1997.7	1688.0	1407.3	1145.3	924.6
-17.5°	4013.7	3617.4	3240.2	2869.4	2524.9	2201.4	1896.0	1612.7	1349.4	1105.9	896.1
-20°	3718.3	3347.6	2985.9	2656.5	2359.6	2068.3	1792.0	1534.3	1289.0	1064.4	867.1



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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°	3423.8	3098.5	2771.9	2458.6	2197.4	1932.3	1686.5	1453.5	1226.5	1021.0	836.1
-25°	3130.5	2851.0	2563.1	2294.2	2040.2	1806.0	1584.6	1370.8	1162.4	976.2	803.2
-27.5°	2854.2	2609.6	2353.3	2129.4	1902.9	1681.8	1486.4	1292.3	1100.3	930.0	768.5
-30°	2590.5	2379.1	2165.2	1968.1	1767.1	1573.5	1388.0	1214.0	1043.7	885.4	732.3
-32.5°	2347.0	2151.5	1985.7	1818.4	1642.2	1466.0	1296.6	1136.1	986.8	841.0	698.5
-35°	2120.7	1957.2	1811.4	1673.6	1521.6	1368.5	1213.2	1059.0	929.9	795.2	665.1
-37.5°	1905.2	1784.9	1660.0	1537.5	1401.7	1272.7	1134.5	995.3	873.3	748.3	631.0
-40°	1728.0	1625.4	1521.0	1408.7	1295.3	1179.1	1055.5	934.9	818.1	700.3	596.4
-42.5°	1559.1	1479.4	1389.5	1283.6	1196.5	1092.6	977.8	873.5	764.7	657.1	561.3
-45°	1408.9	1341.2	1264.6	1185.1	1101.8	1007.0	909.2	811.6	711.3	616.5	527.3
-47.5°	1267.4	1217.0	1154.7	1088.3	1011.4	924.7	840.0	752.5	657.9	575.9	494.8
-50°	1148.0	1104.7	1054.6	994.4	922.8	849.4	771.9	693.7	613.0	535.9	461.6
-52.5°	1044.5	1003.1	958.3	902.9	841.9	773.8	709.2	636.0	567.3	497.0	427.8
-55°	947.3	906.8	865.7	818.3	763.5	706.8	647.1	584.9	520.9	458.4	394.0
-57.5°	855.5	816.1	780.8	738.2	692.2	642.7	588.9	533.1	476.4	419.2	363.9
-60°	767.3	735.1	700.3	665.4	625.3	580.3	532.2	482.0	432.2	380.4	333.4
-62.5°	686.2	657.2	628.4	596.6	559.8	519.2	475.7	433.2	387.6	345.5	302.4
-65°	609.9	586.0	558.6	528.7	495.1	459.6	422.9	384.0	347.2	310.2	271.4
-67.5°	537.3	515.1	488.6	460.9	434.2	404.4	370.2	339.0	307.8	274.5	240.7
-70°	466.3	444.7	422.6	401.5	377.4	350.2	323.0	295.7	268.0	240.4	209.8
-72.5°	397.8	380.9	363.1	343.9	323.2	300.7	276.6	253.0	230.9	206.1	178.8
-75°	331.2	318.2	304.4	288.9	270.7	251.3	232.6	213.4	193.7	171.8	151.3
-77.5°	267.2	257.1	246.2	234.9	221.0	206.1	190.3	173.9	157.9	141.9	124.9
-80°	206.9	200.4	193.0	184.3	172.9	160.9	149.5	137.8	125.5	112.4	98.4
-82.5°	150.8	146.4	141.3	135.2	127.5	119.5	111.3	102.8	93.1	82.8	72.6
-85°	99.7	96.2	92.1	87.5	82.8	78.0	73.3	68.1	61.7	55.1	48.5
-87.5°	49.5	47.5	45.4	43.2	41.2	39.0	36.6	34.1	30.9	27.6	24.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	19.5	16.4	13.3	10.1	6.8	3.3	0.0
85°	38.9	32.9	26.6	20.2	13.6	6.7	0.0
82.5°	58.3	49.2	39.8	30.2	20.3	10.0	0.0
80°	79.3	65.5	53.0	40.2	27.0	13.3	0.0
77.5°	112.7	85.4	66.1	50.1	33.7	16.6	0.0
75°	145.6	112.0	80.4	59.9	40.3	19.8	0.0
72.5°	177.9	138.2	100.7	69.7	46.8	23.0	0.0
70°	210.9	163.9	120.7	80.2	53.2	26.2	0.0
67.5°	251.3	189.0	140.2	94.4	59.5	29.3	0.0
65°	290.5	217.0	159.3	108.3	65.6	32.3	0.0
62.5°	328.4	247.4	177.9	121.9	71.7	35.3	0.0
60°	364.9	276.8	195.9	135.1	77.6	38.2	0.0
57.5°	406.3	305.1	217.6	147.9	85.9	41.1	0.0
55°	446.4	332.1	238.6	160.2	93.9	43.8	0.0
52.5°	484.4	358.6	258.7	172.1	101.8	46.5	0.0
50°	520.1	387.7	277.8	183.6	109.3	49.1	0.0
47.5°	554.1	415.1	295.9	195.1	116.6	51.5	0.0
45°	589.7	440.6	312.9	207.8	123.5	53.9	0.0
42.5°	622.5	464.2	328.9	219.7	130.2	56.2	0.0
40°	652.4	485.9	345.1	231.1	136.5	58.3	0.0
37.5°	679.3	505.7	361.2	242.0	142.5	60.4	0.0
35°	703.3	525.4	376.0	252.1	148.1	62.3	0.0
32.5°	726.4	543.8	389.3	261.5	153.4	64.1	0.0
30°	751.2	560.1	401.2	270.1	158.3	65.8	0.0
27.5°	772.6	574.0	412.5	278.1	162.8	67.3	0.0
25°	790.7	585.8	422.5	285.2	166.9	68.8	0.0
22.5°	805.5	596.0	431.0	291.6	170.6	70.0	0.0
20°	816.9	606.2	438.2	297.3	173.9	71.2	0.0
17.5°	827.3	614.6	444.0	302.1	176.8	72.2	0.0
15°	835.6	621.2	448.5	306.2	179.3	73.1	0.0
12.5°	840.7	626.0	451.6	309.6	181.4	73.8	0.0
10°	842.8	629.1	453.5	312.1	183.1	74.4	0.0
7.5°	841.8	630.4	454.1	313.9	184.3	74.8	0.0
5°	838.1	629.9	453.5	314.9	185.1	75.1	0.0
2.5°	831.7	627.7	451.8	315.1	185.5	75.3	0.0
0°	822.8	623.8	449.0	314.6	185.5	75.3	0.0
-2.5°	813.4	617.9	446.8	313.2	185.1	75.4	0.0
-5°	801.7	610.4	443.6	311.0	184.2	75.4	0.0
-7.5°	787.9	601.4	439.4	308.2	182.9	75.2	0.0
-10°	772.1	591.1	434.2	304.6	181.3	74.8	0.0
-12.5°	754.4	579.4	428.0	300.4	179.3	74.4	0.0
-15°	734.8	566.6	420.9	295.5	176.8	73.7	0.0
-17.5°	713.6	552.7	412.8	290.0	174.1	73.0	0.0
-20°	691.6	537.8	403.8	283.8	170.9	72.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	669.5	522.1	393.8	277.1	167.4	71.0	0.0
-25°	646.1	506.3	383.0	269.8	163.6	69.8	0.0
-27.5°	621.5	489.9	371.4	262.0	159.5	68.4	0.0
-30°	595.8	472.4	358.9	253.6	155.1	67.0	0.0
-32.5°	569.2	454.0	346.1	244.8	150.3	65.3	0.0
-35°	544.3	434.6	332.6	235.4	145.3	63.6	0.0
-37.5°	519.6	415.1	318.4	225.6	140.0	61.7	0.0
-40°	494.0	396.4	303.6	215.4	134.5	59.7	0.0
-42.5°	467.6	377.0	288.8	204.8	128.7	57.5	0.0
-45°	440.4	357.0	274.2	193.9	122.7	55.3	0.0
-47.5°	412.5	336.5	259.1	182.5	116.4	52.9	0.0
-50°	387.0	315.5	243.4	172.4	110.0	50.4	0.0
-52.5°	361.4	293.9	227.3	162.4	103.3	47.8	0.0
-55°	335.5	273.1	210.7	152.1	96.4	45.1	0.0
-57.5°	309.1	252.0	193.7	141.5	89.4	42.3	0.0
-60°	282.6	230.5	176.5	130.7	82.2	39.4	0.0
-62.5°	256.6	208.6	161.9	119.6	76.1	36.4	0.0
-65°	230.2	186.3	146.9	108.3	69.8	33.4	0.0
-67.5°	203.4	165.6	131.8	96.8	63.3	30.2	0.0
-70°	176.3	146.6	116.4	85.1	56.7	27.0	0.0
-72.5°	153.0	127.4	100.8	74.5	49.9	23.8	0.0
-75°	130.0	107.9	85.0	64.1	43.0	20.5	0.0
-77.5°	106.8	88.3	70.7	53.6	36.0	17.1	0.0
-80°	83.5	70.2	56.7	43.0	28.9	13.8	0.0
-82.5°	62.5	52.7	42.6	32.3	21.7	10.3	0.0
-85°	41.7	35.2	28.5	21.6	14.5	6.9	0.0
-87.5°	20.9	17.6	14.2	10.8	7.3	3.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)