

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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558994 (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-SA4E-935-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

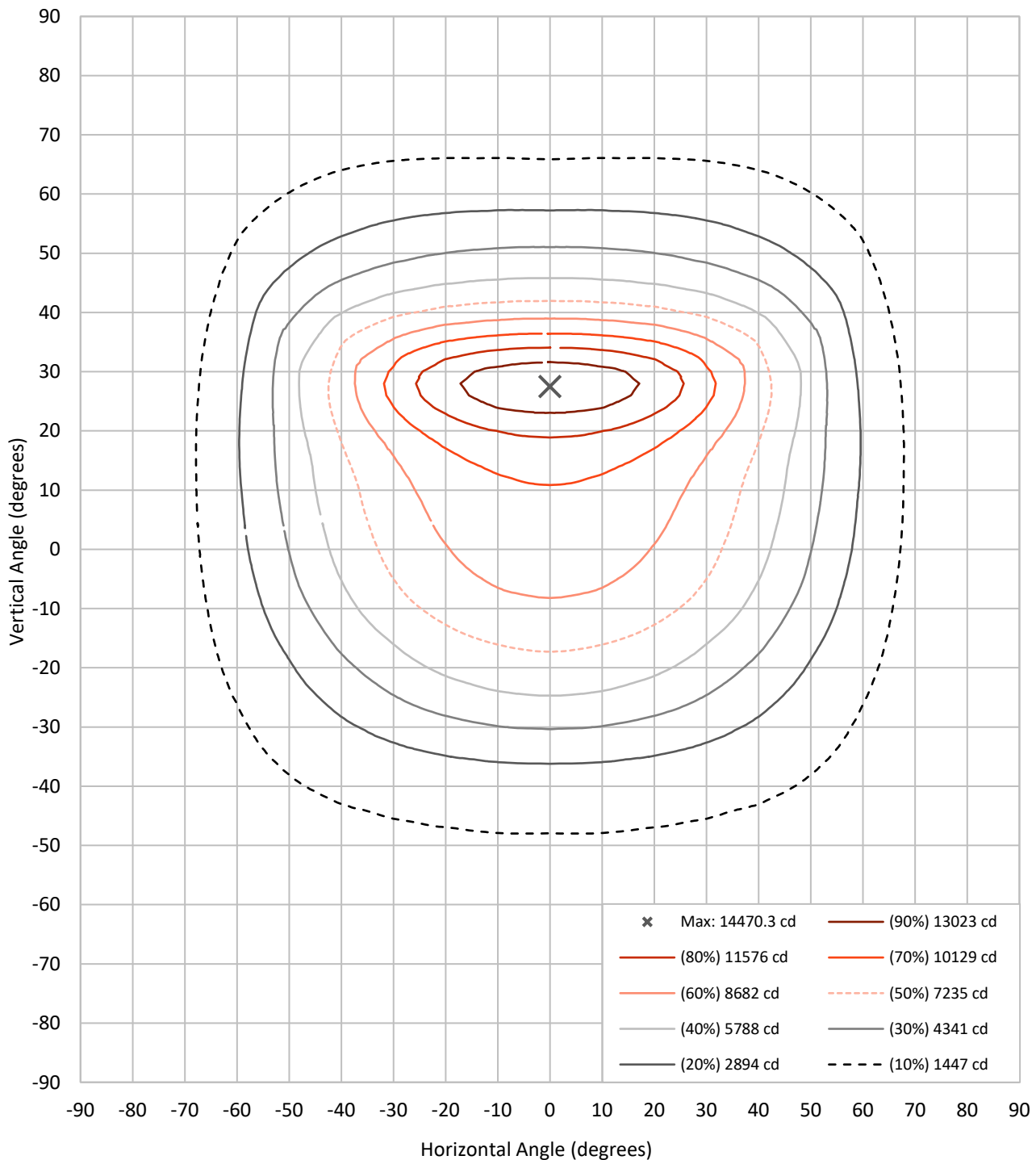
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21095.2 lumens	Max Intensity:	14470.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	10941 lumens	Field Lumens:	19514.9 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	250		
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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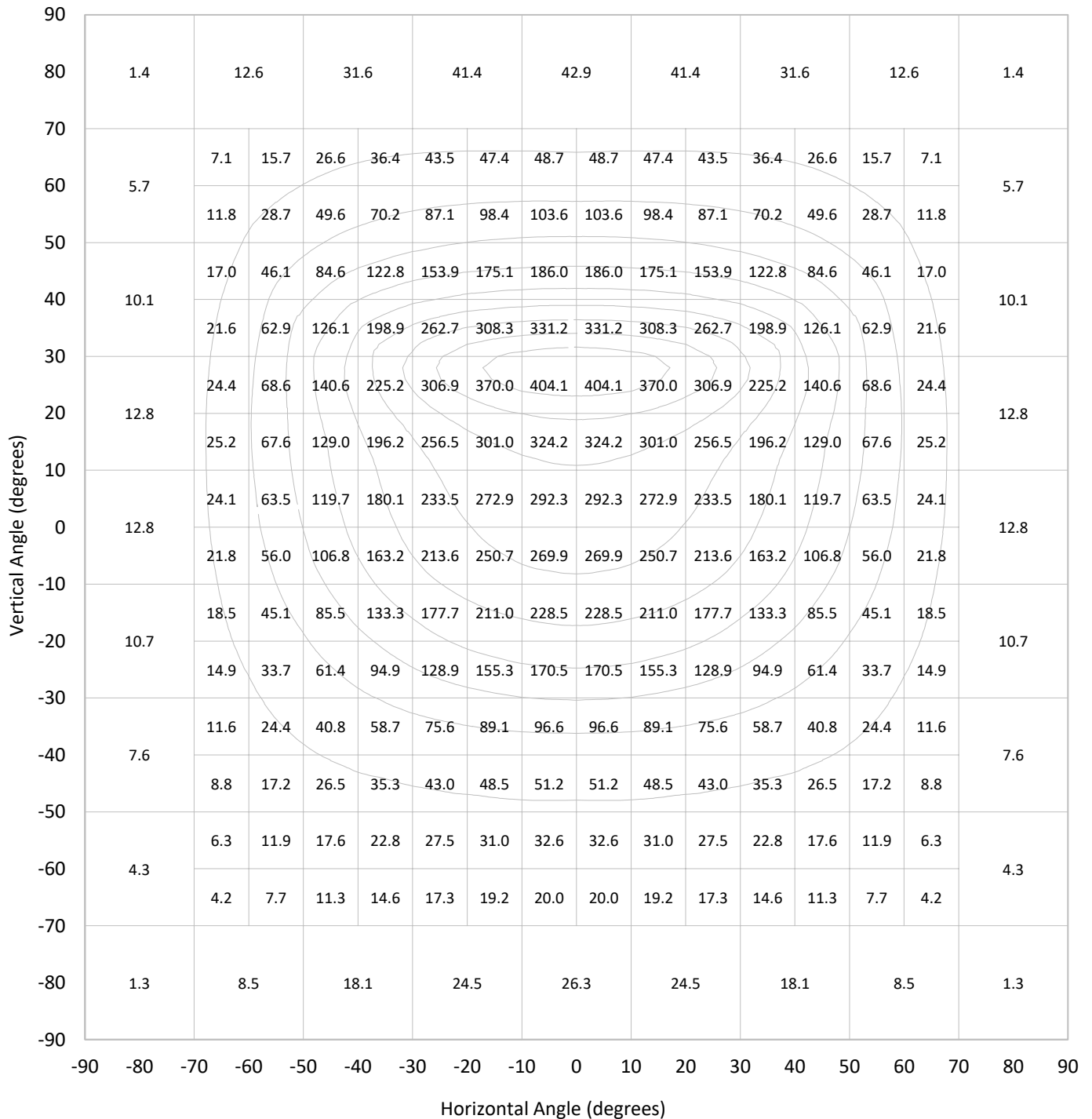
Iso-Candela Plot





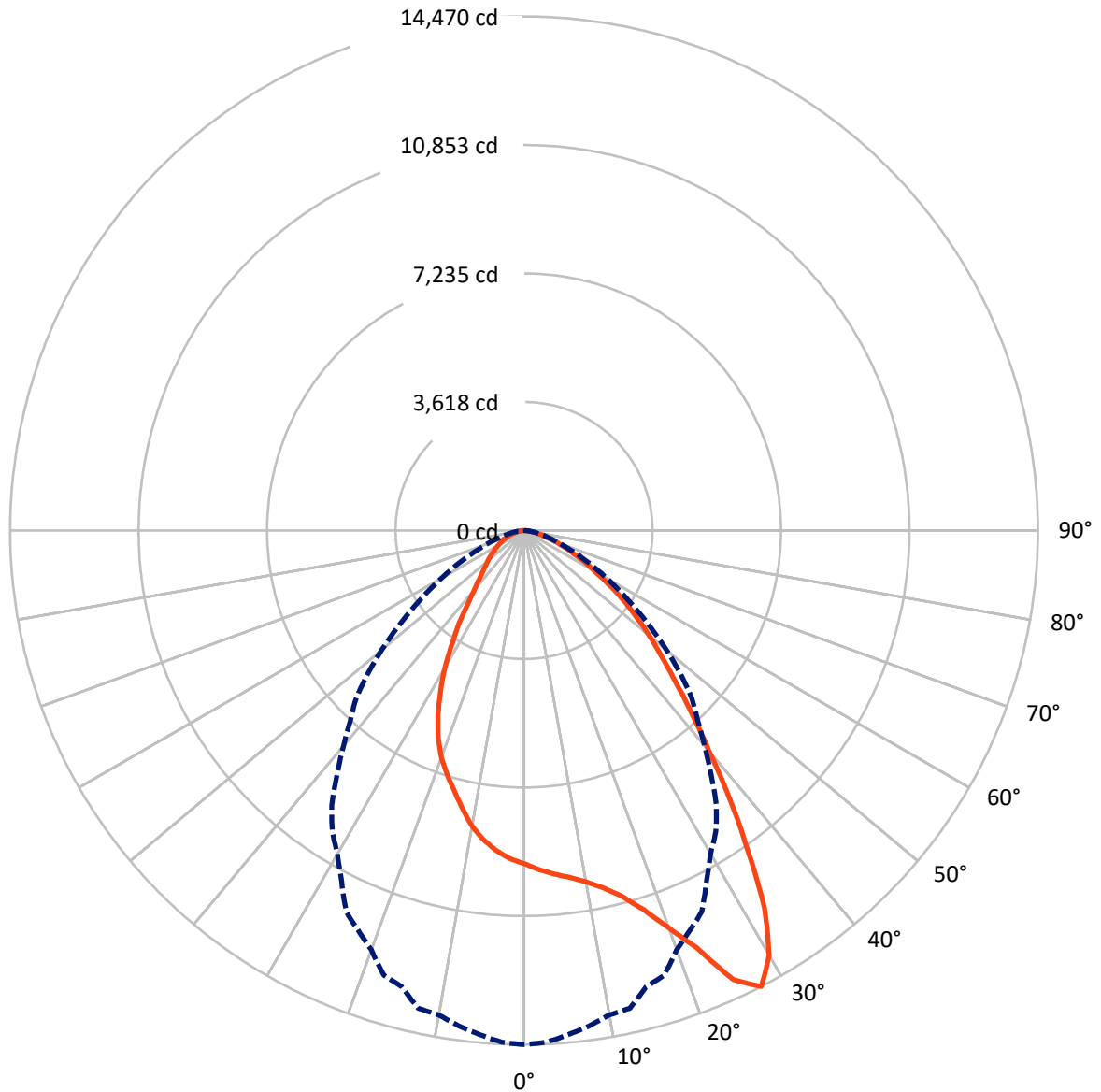
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Lumen Table



REPORT NUMBER: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
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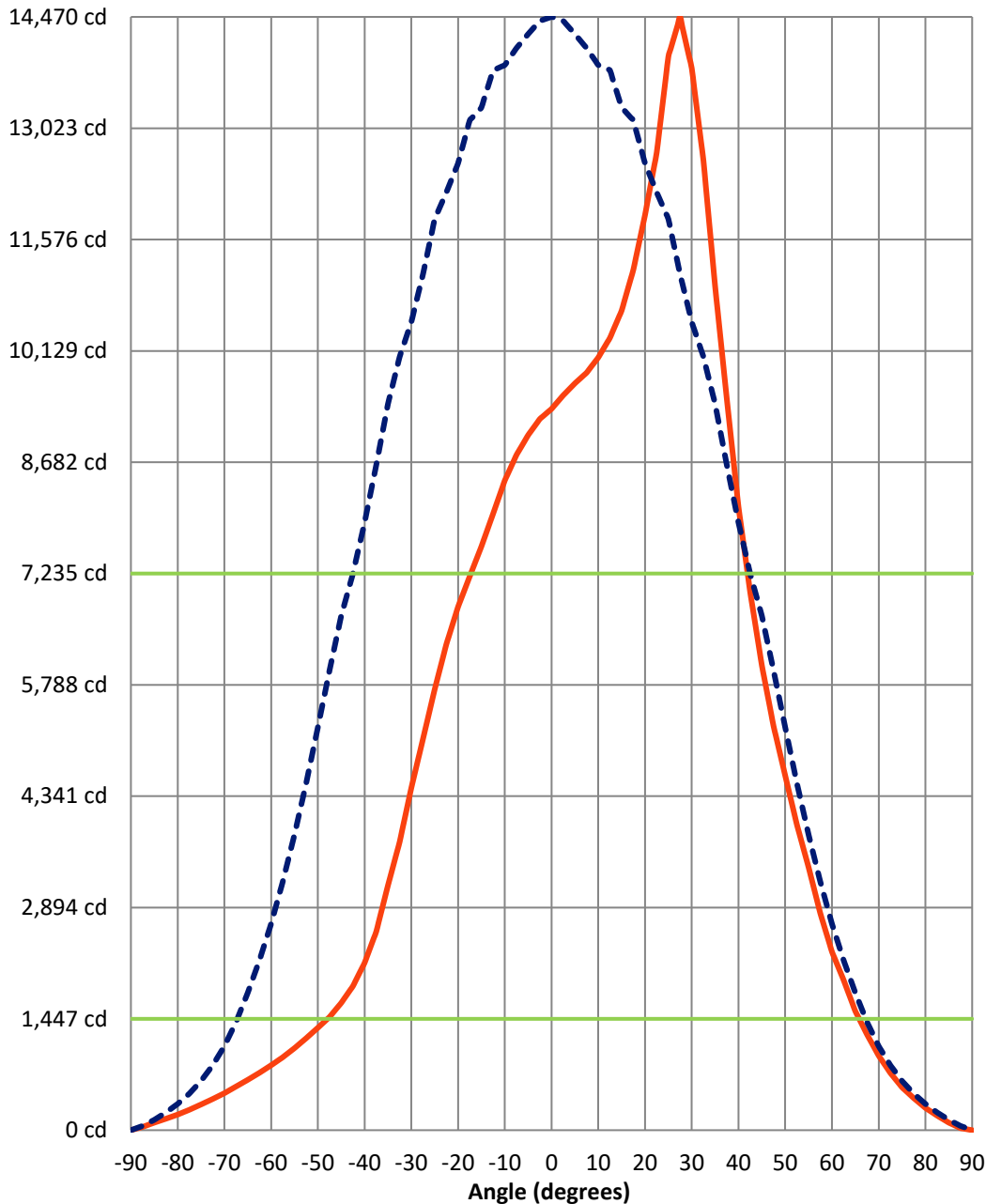
Luminous Intensity Polar Plot



— 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: 10941
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 19514.9
 Efficiency: 92.5%

Spill:
 Lumens: 1580.3
 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	2.8	5.6	8.3	11.0	13.6	16.1	18.6	20.9	23.2	25.4
85°	0.0	5.5	11.2	16.7	22.0	27.2	32.2	37.1	41.8	46.4	50.8
82.5°	0.0	8.3	16.8	25.0	32.9	40.7	48.3	55.6	63.9	78.0	92.5
80°	0.0	11.0	22.4	33.2	43.8	54.2	65.7	83.9	103.0	122.9	143.5
77.5°	0.0	13.7	27.9	41.4	54.7	70.7	93.3	117.0	141.7	167.4	197.3
75°	0.0	16.4	33.3	49.6	66.5	92.7	120.5	149.6	180.9	220.4	260.9
72.5°	0.0	19.0	38.7	57.6	83.3	114.4	147.3	184.2	229.4	275.9	323.5
70°	0.0	21.7	44.0	66.3	99.9	135.7	174.6	225.2	277.1	330.6	393.1
67.5°	0.0	24.2	49.2	78.1	116.0	156.5	208.0	265.4	324.0	393.5	463.4
65°	0.0	26.7	54.3	89.6	131.9	179.6	240.5	304.7	378.3	455.0	536.2
62.5°	0.0	29.2	59.3	100.9	147.2	204.8	271.9	348.4	431.3	517.2	616.4
60°	0.0	31.6	64.1	111.8	162.2	229.2	302.1	393.2	482.9	585.7	694.0
57.5°	0.0	34.0	71.0	122.4	180.1	252.6	336.3	436.3	538.9	651.7	782.6
55°	0.0	36.2	77.7	132.6	197.5	274.9	369.5	476.3	594.4	718.5	873.3
52.5°	0.0	38.4	84.2	142.5	214.2	296.9	400.9	518.9	647.4	793.4	958.8
50°	0.0	40.6	90.5	151.9	230.0	321.0	430.5	559.3	700.8	863.6	1061.1
47.5°	0.0	42.6	96.5	161.4	245.0	343.6	458.7	597.0	757.9	929.0	1158.6
45°	0.0	44.6	102.2	172.0	259.1	364.7	488.1	631.7	807.5	1008.1	1248.5
42.5°	0.0	46.5	107.7	181.9	272.3	384.3	515.3	668.1	853.1	1081.1	1349.4
40°	0.0	48.3	113.0	191.3	285.7	402.3	540.0	704.5	899.1	1146.7	1444.1
37.5°	0.0	50.0	117.9	200.3	299.1	418.6	562.3	737.7	948.8	1206.7	1528.8
35°	0.0	51.5	122.6	208.7	311.3	434.9	582.2	767.4	992.6	1270.4	1608.7
32.5°	0.0	53.0	126.9	216.5	322.3	450.2	601.3	793.6	1030.4	1324.9	1679.8
30°	0.0	54.4	131.0	223.6	332.2	463.6	621.8	818.1	1062.3	1370.2	1738.8
27.5°	0.0	55.7	134.7	230.2	341.5	475.2	639.6	843.4	1091.9	1406.4	1785.7
25°	0.0	56.9	138.1	236.1	349.8	484.9	654.5	864.1	1120.8	1439.7	1820.9
22.5°	0.0	57.9	141.2	241.4	356.8	493.4	666.7	880.2	1142.5	1466.6	1851.0
20°	0.0	58.9	144.0	246.1	362.8	501.8	676.2	891.9	1157.2	1484.1	1870.4
17.5°	0.0	59.7	146.4	250.1	367.6	508.8	684.8	899.1	1165.3	1492.3	1879.4
15°	0.0	60.5	148.5	253.5	371.2	514.3	691.7	904.2	1166.9	1491.7	1878.2
12.5°	0.0	61.1	150.2	256.3	373.8	518.3	695.9	908.0	1166.9	1482.8	1867.1
10°	0.0	61.5	151.6	258.4	375.4	520.8	697.6	908.2	1165.0	1478.3	1850.1
7.5°	0.0	61.9	152.6	259.8	375.9	521.8	696.8	905.1	1158.1	1469.0	1831.2
5°	0.0	62.2	153.3	260.6	375.4	521.5	693.8	898.7	1146.6	1453.4	1803.1
2.5°	0.0	62.3	153.6	260.8	374.0	519.6	688.5	889.3	1130.7	1431.8	1766.6
0°	0.0	62.3	153.6	260.4	371.7	516.4	681.1	877.0	1110.7	1404.5	1722.8
-2.5°	0.0	62.4	153.2	259.2	369.9	511.5	673.3	864.1	1091.1	1374.3	1678.7
-5°	0.0	62.4	152.5	257.4	367.2	505.3	663.6	848.7	1068.0	1339.2	1628.8
-7.5°	0.0	62.2	151.5	255.1	363.8	497.9	652.2	830.9	1041.7	1299.8	1574.0
-10°	0.0	61.9	150.1	252.1	359.4	489.3	639.1	811.0	1012.5	1256.6	1514.8
-12.5°	0.0	61.5	148.4	248.6	354.3	479.7	624.5	789.1	980.7	1210.4	1456.7
-15°	0.0	61.0	146.4	244.6	348.4	469.1	608.3	765.4	948.1	1165.1	1397.4
-17.5°	0.0	60.4	144.1	240.0	341.7	457.6	590.7	741.7	915.5	1117.1	1335.0
-20°	0.0	59.6	141.5	234.9	334.2	445.2	572.5	717.7	881.1	1067.1	1270.2



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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	58.7	138.6	229.4	326.0	432.2	554.2	692.1	845.2	1015.4	1203.3
-25°	0.0	57.7	135.4	223.3	317.1	419.1	534.9	664.8	808.1	962.3	1134.8
-27.5°	0.0	56.6	132.0	216.9	307.4	405.5	514.5	636.2	769.9	910.9	1069.8
-30°	0.0	55.4	128.3	209.9	297.1	391.1	493.3	606.2	732.9	864.0	1005.0
-32.5°	0.0	54.1	124.4	202.6	286.5	375.8	471.2	578.2	696.1	816.9	940.5
-35°	0.0	52.6	120.3	194.9	275.3	359.8	450.6	550.6	658.3	769.8	876.7
-37.5°	0.0	51.0	115.9	186.8	263.5	343.6	430.2	522.4	619.4	722.9	823.9
-40°	0.0	49.4	111.3	178.3	251.3	328.1	409.0	493.7	579.7	677.2	774.0
-42.5°	0.0	47.6	106.5	169.5	239.1	312.1	387.1	464.7	543.9	633.1	723.1
-45°	0.0	45.7	101.5	160.5	227.0	295.5	364.6	436.5	510.4	588.8	671.9
-47.5°	0.0	43.8	96.3	151.0	214.5	278.5	341.5	409.6	476.8	544.6	623.0
-50°	0.0	41.7	91.0	142.6	201.5	261.1	320.3	382.1	443.6	507.5	574.2
-52.5°	0.0	39.5	85.5	134.4	188.2	243.3	299.2	354.2	411.5	469.7	526.5
-55°	0.0	37.3	79.8	125.8	174.4	226.1	277.7	326.1	379.5	431.2	484.1
-57.5°	0.0	35.0	74.0	117.1	160.3	208.6	255.9	301.2	347.0	394.4	441.3
-60°	0.0	32.6	68.0	108.1	146.1	190.8	233.9	276.0	314.9	357.8	399.0
-62.5°	0.0	30.1	63.0	99.0	134.0	172.7	212.4	250.4	286.0	320.8	358.6
-65°	0.0	27.6	57.7	89.6	121.6	154.2	190.5	224.6	256.8	287.4	317.9
-67.5°	0.0	25.0	52.4	80.1	109.1	137.1	168.4	199.3	227.3	254.8	280.7
-70°	0.0	22.4	46.9	70.4	96.3	121.4	146.0	173.7	199.0	221.9	244.8
-72.5°	0.0	19.7	41.3	61.7	83.4	105.4	126.6	148.0	170.7	191.2	209.4
-75°	0.0	17.0	35.6	53.0	70.3	89.3	107.6	125.2	142.3	160.4	176.7
-77.5°	0.0	14.2	29.8	44.4	58.5	73.1	88.5	103.4	117.5	130.7	144.0
-80°	0.0	11.4	23.9	35.6	47.0	58.1	69.2	81.4	93.1	103.9	114.1
-82.5°	0.0	8.6	18.0	26.7	35.3	43.6	51.8	60.1	68.5	77.1	85.1
-85°	0.0	5.7	12.0	17.8	23.6	29.1	34.5	40.1	45.6	51.1	56.4
-87.5°	0.0	2.9	6.0	8.9	11.8	14.6	17.3	20.1	22.8	25.6	28.2
-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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	26.7	27.8	28.7	29.4	30.5	31.5	32.3	33.0	33.6	34.1	34.4
85°	53.5	55.7	62.3	68.5	75.1	81.0	86.3	91.0	94.8	97.9	100.3
82.5°	104.4	115.6	126.2	136.1	145.2	153.3	161.1	170.1	177.3	183.4	188.3
80°	160.2	175.4	194.0	211.3	227.0	241.3	254.3	266.1	275.3	284.5	293.4
77.5°	225.1	249.8	272.8	293.9	314.4	338.3	360.5	380.8	396.4	408.2	417.2
75°	295.0	324.2	357.7	390.9	422.1	450.8	478.6	512.5	540.2	560.9	577.5
72.5°	369.6	411.6	452.6	492.3	538.1	582.5	625.7	667.4	704.0	730.9	752.7
70°	450.1	499.0	555.6	612.8	667.8	723.6	783.2	837.3	882.2	913.9	944.0
67.5°	532.4	601.1	668.0	736.9	814.8	885.8	950.8	1019.4	1079.8	1119.5	1154.3
65°	627.3	704.1	793.5	884.8	970.4	1059.1	1141.2	1215.5	1291.8	1347.2	1392.7
62.5°	719.1	827.0	932.4	1039.2	1146.8	1243.2	1350.5	1446.1	1522.8	1602.1	1670.0
60°	827.9	956.1	1085.4	1214.1	1334.5	1470.0	1587.6	1698.8	1801.2	1889.6	1973.2
57.5°	936.4	1102.0	1254.9	1406.1	1565.3	1710.2	1848.4	1972.9	2095.5	2197.8	2298.1
55°	1050.6	1263.8	1440.3	1627.0	1802.1	1965.8	2121.1	2277.1	2407.7	2548.6	2671.2
52.5°	1177.4	1420.9	1648.9	1854.5	2052.0	2240.8	2426.5	2614.3	2797.6	2943.7	3082.3
50°	1295.8	1586.1	1860.5	2095.0	2322.0	2546.1	2778.3	3013.0	3215.0	3382.2	3526.5
47.5°	1426.3	1739.6	2088.2	2347.6	2620.0	2897.8	3179.6	3438.8	3659.0	3886.4	4045.7
45°	1553.4	1894.9	2273.2	2633.2	2948.3	3284.7	3595.1	3881.0	4200.2	4448.5	4661.4
42.5°	1669.4	2042.1	2463.1	2921.3	3315.3	3676.3	4012.3	4414.6	4781.2	5071.4	5337.1
40°	1788.8	2176.0	2635.8	3188.9	3681.3	4066.7	4475.7	4920.2	5397.3	5754.5	6072.1
37.5°	1897.9	2313.0	2793.8	3393.2	4041.6	4465.3	4917.6	5399.8	5943.8	6481.0	6862.8
35°	1994.5	2428.9	2950.6	3559.3	4223.2	4851.7	5330.0	5843.6	6438.9	7136.0	7657.3
32.5°	2082.1	2523.6	3074.9	3688.9	4362.4	5099.3	5706.2	6233.5	6830.7	7550.0	8435.3
30°	2153.4	2615.3	3167.6	3782.6	4458.0	5191.9	5962.7	6537.2	7103.9	7809.8	8633.7
27.5°	2207.6	2682.6	3231.4	3841.0	4509.1	5234.9	5976.2	6685.0	7233.7	7897.9	8647.2
25°	2249.1	2737.7	3265.2	3862.7	4516.6	5216.0	5929.4	6600.2	7216.0	7801.7	8474.0
22.5°	2283.6	2775.7	3302.2	3848.1	4482.6	5148.8	5819.8	6459.3	7055.5	7603.7	8182.0
20°	2309.4	2800.0	3320.9	3862.4	4425.4	5039.7	5681.4	6290.0	6865.9	7396.7	7867.4
17.5°	2321.1	2807.2	3320.9	3859.7	4415.8	4953.2	5511.8	6096.8	6663.0	7190.4	7655.4
15°	2319.0	2797.8	3302.6	3839.1	4386.8	4919.2	5433.9	5916.5	6443.7	6976.8	7440.2
12.5°	2303.6	2772.5	3266.7	3800.7	4339.8	4865.8	5371.2	5855.8	6328.5	6775.0	7218.1
10°	2275.6	2732.1	3213.9	3744.6	4274.8	4793.0	5291.9	5778.1	6245.9	6684.3	7096.8
7.5°	2247.0	2686.7	3150.3	3671.2	4191.8	4700.9	5195.3	5682.4	6141.1	6578.6	6995.1
5°	2209.0	2638.8	3101.9	3600.8	4102.7	4599.3	5083.2	5567.9	6014.3	6455.8	6874.0
2.5°	2160.9	2579.1	3040.8	3515.6	4002.9	4494.4	4961.9	5437.6	5895.3	6319.7	6731.7
0°	2103.4	2508.5	2967.1	3414.5	3886.3	4371.6	4821.2	5286.4	5762.7	6163.4	6566.3
-2.5°	2040.7	2424.0	2859.6	3304.7	3760.7	4236.7	4697.6	5138.7	5604.5	6009.5	6420.9
-5°	1970.5	2330.6	2740.8	3181.0	3620.4	4084.3	4553.9	4973.3	5418.3	5818.8	6223.4
-7.5°	1893.7	2229.8	2612.3	3041.9	3460.6	3898.1	4342.8	4746.3	5178.9	5575.0	5969.2
-10°	1812.7	2130.4	2487.4	2884.7	3279.5	3687.3	4105.0	4500.1	4916.0	5310.6	5689.8
-12.5°	1735.1	2032.3	2358.7	2720.0	3088.4	3465.2	3853.7	4235.1	4629.6	5026.0	5380.6
-15°	1653.7	1929.3	2225.8	2549.6	2888.8	3233.6	3590.4	3951.4	4321.7	4709.5	5037.1
-17.5°	1569.6	1822.3	2090.1	2375.4	2682.2	2994.5	3322.5	3670.9	4009.8	4363.1	4679.8
-20°	1483.4	1712.1	1953.2	2199.1	2471.7	2771.1	3078.0	3390.6	3698.6	4006.2	4303.8



REPORT NUMBER: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	1396.1	1599.6	1819.0	2035.3	2294.6	2565.0	2834.2	3105.6	3381.9	3646.8	3928.2
-25°	1311.8	1495.1	1688.9	1899.2	2121.8	2360.1	2591.4	2820.7	3065.8	3314.1	3556.4
-27.5°	1230.5	1392.2	1575.2	1762.7	1948.2	2160.2	2362.7	2557.1	2770.9	2989.9	3185.7
-30°	1149.0	1302.6	1462.8	1629.2	1792.4	1969.4	2144.5	2315.0	2489.2	2676.7	2846.3
-32.5°	1073.4	1213.6	1359.4	1505.3	1643.7	1781.1	1942.9	2094.4	2236.9	2370.5	2518.4
-35°	1004.3	1132.8	1259.6	1385.4	1499.4	1620.2	1755.5	1883.1	1997.5	2104.8	2217.9
-37.5°	939.2	1053.6	1160.4	1272.8	1374.1	1477.6	1577.1	1687.5	1780.3	1866.1	1958.9
-40°	873.8	976.1	1072.3	1166.1	1259.1	1345.5	1430.4	1505.5	1580.2	1662.6	1726.5
-42.5°	809.4	904.5	990.5	1062.6	1150.2	1224.7	1290.7	1352.9	1413.9	1478.2	1529.3
-45°	752.7	833.6	912.1	981.1	1046.8	1110.3	1166.3	1215.2	1272.9	1317.5	1356.2
-47.5°	695.4	765.5	837.2	900.9	955.9	1007.5	1049.1	1098.2	1145.6	1183.9	1206.4
-50°	639.0	703.1	763.8	823.2	873.0	914.5	950.4	990.8	1030.1	1062.7	1084.2
-52.5°	587.0	640.6	696.9	747.4	793.3	830.4	864.7	899.8	928.7	951.0	979.2
-55°	535.7	585.1	632.1	677.4	716.7	750.6	784.2	815.4	840.1	859.4	882.6
-57.5°	487.5	532.0	573.0	611.1	646.3	675.5	708.2	734.8	757.8	775.9	799.9
-60°	440.5	480.3	517.6	550.8	579.7	608.5	635.2	659.6	679.7	697.5	719.6
-62.5°	393.9	429.8	463.4	493.9	520.1	544.0	568.0	588.9	605.6	624.2	642.4
-65°	350.1	380.4	409.8	437.6	462.4	485.1	504.9	521.8	537.5	554.0	568.7
-67.5°	306.5	334.8	359.4	381.5	404.4	426.4	444.8	460.3	473.5	486.9	499.2
-70°	267.4	289.9	312.4	332.3	349.8	368.1	386.0	400.6	412.4	422.9	432.9
-72.5°	229.0	248.9	267.5	284.7	300.6	315.3	329.3	342.6	353.5	361.8	369.0
-75°	192.6	208.0	224.1	239.1	252.0	263.4	274.2	284.8	293.7	300.8	306.6
-77.5°	157.6	170.7	183.0	194.5	203.8	212.8	221.2	228.9	235.8	241.1	245.1
-80°	123.8	133.2	143.2	152.6	159.8	165.9	171.2	175.8	180.9	186.0	190.5
-82.5°	92.1	98.9	105.5	111.9	116.9	121.2	124.9	128.4	132.0	135.4	138.3
-85°	60.6	64.5	68.5	72.4	76.3	79.6	82.5	85.0	87.0	88.7	90.1
-87.5°	30.3	32.3	34.1	35.7	37.6	39.3	41.0	42.5	43.5	44.3	45.0
-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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	34.7	34.7	34.7	34.5	34.3	32.9	31.4	29.7	27.9	28.8	29.6
85°	102.1	102.4	102.1	101.1	99.4	99.3	99.0	98.4	97.4	98.9	100.2
82.5°	192.1	193.5	193.7	192.8	190.8	191.7	192.0	191.6	190.5	191.8	192.7
80°	300.2	303.0	303.1	301.1	297.0	297.6	297.9	297.0	295.0	295.5	295.4
77.5°	427.6	434.2	436.5	435.5	431.5	430.2	427.3	421.5	412.9	412.8	413.0
75°	590.1	596.9	600.4	600.1	596.2	593.6	589.9	583.2	573.6	573.2	573.3
72.5°	769.5	779.4	783.8	787.9	787.8	786.4	781.5	771.5	756.8	755.1	756.8
70°	967.6	984.3	994.9	1003.0	1009.4	1010.8	1007.6	999.5	986.7	983.2	982.2
67.5°	1188.3	1214.9	1235.1	1248.5	1261.2	1270.3	1273.7	1270.1	1259.7	1256.2	1257.6
65°	1435.5	1476.7	1510.7	1536.1	1553.1	1565.2	1575.7	1582.0	1583.6	1587.2	1592.1
62.5°	1724.5	1775.0	1822.2	1854.4	1871.0	1882.7	1916.6	1936.1	1941.7	1942.9	1950.4
60°	2047.1	2110.9	2169.9	2217.2	2255.4	2284.3	2313.2	2332.3	2339.4	2340.9	2351.2
57.5°	2399.8	2479.9	2548.9	2622.3	2673.4	2703.0	2741.6	2781.4	2802.1	2808.1	2832.5
55°	2790.0	2899.5	2989.0	3067.4	3138.7	3201.5	3254.6	3295.6	3325.9	3344.1	3376.5
52.5°	3221.6	3350.2	3443.7	3535.7	3638.1	3710.3	3757.5	3833.3	3888.2	3918.4	3957.0
50°	3695.4	3838.7	3966.1	4062.7	4181.8	4280.3	4352.2	4423.9	4474.2	4502.9	4540.3
47.5°	4234.8	4411.2	4559.2	4648.6	4786.8	4903.0	4949.8	5004.0	5098.6	5144.0	5184.0
45°	4842.1	5067.2	5231.5	5371.4	5490.3	5620.5	5705.8	5767.4	5860.6	5907.4	5936.9
42.5°	5564.7	5815.0	6031.6	6199.6	6299.5	6468.4	6591.7	6626.3	6758.4	6848.0	6874.3
40°	6375.1	6652.6	6938.2	7129.8	7290.7	7462.2	7665.4	7778.6	7890.3	7978.1	7997.9
37.5°	7219.6	7591.0	7917.0	8164.4	8430.3	8683.3	8898.8	9016.2	9089.5	9257.5	9320.2
35°	8078.1	8461.4	8918.1	9302.4	9624.6	9937.1	10182.9	10376.4	10560.7	10711.9	10802.5
32.5°	8809.2	9221.7	9785.6	10360.9	10708.8	11047.2	11450.9	11672.4	11918.3	12117.5	12263.1
30°	9409.9	9802.2	10315.4	11037.5	11513.9	11856.8	12367.8	12674.0	12941.8	13279.5	13397.1
27.5°	9438.4	10051.4	10505.3	11127.2	11842.1	12190.2	12568.4	13124.9	13293.7	13775.2	13844.6
25°	9190.6	9834.3	10300.7	10819.8	11414.2	11837.7	12183.1	12645.9	12888.1	13197.8	13435.7
22.5°	8803.1	9370.4	9846.2	10286.5	10750.3	11135.8	11451.5	11776.8	12042.7	12283.0	12506.2
20°	8375.2	8913.6	9364.9	9743.5	10111.0	10468.4	10752.4	11025.7	11255.7	11461.9	11588.9
17.5°	8073.8	8461.2	8922.3	9310.1	9628.7	9909.4	10203.0	10431.7	10633.5	10819.1	10935.2
15°	7868.0	8236.4	8564.7	8920.5	9256.4	9523.9	9745.0	9981.0	10155.3	10315.1	10440.9
12.5°	7654.5	8034.1	8377.6	8673.9	8936.8	9228.9	9465.3	9650.9	9833.9	9959.4	10088.6
10°	7476.1	7831.3	8187.6	8500.5	8777.1	9017.8	9241.7	9449.8	9614.0	9754.7	9856.5
7.5°	7372.6	7720.9	8041.1	8341.4	8610.9	8867.5	9098.3	9289.1	9451.8	9597.4	9704.1
5°	7252.5	7597.3	7917.0	8223.8	8482.8	8729.2	8959.1	9155.5	9323.8	9453.6	9555.6
2.5°	7114.8	7455.0	7773.9	8085.8	8344.6	8582.4	8799.9	8991.4	9166.8	9290.4	9377.4
0°	6958.0	7298.6	7610.2	7904.0	8164.4	8420.4	8620.7	8814.4	8985.8	9108.2	9195.0
-2.5°	6799.9	7138.3	7460.9	7742.4	8000.9	8237.3	8450.5	8633.3	8797.1	8918.9	8995.2
-5°	6589.6	6926.0	7244.3	7528.0	7798.0	8035.3	8242.6	8428.6	8586.3	8719.2	8822.5
-7.5°	6335.0	6675.2	6993.2	7282.8	7551.5	7775.7	7974.8	8162.2	8330.5	8475.7	8602.9
-10°	6055.0	6391.5	6692.0	6963.2	7213.7	7441.6	7653.4	7838.5	7992.7	8134.9	8242.0
-12.5°	5729.0	6040.5	6334.5	6601.8	6846.6	7074.9	7276.3	7452.6	7607.9	7734.0	7830.5
-15°	5369.3	5665.0	5943.4	6216.7	6473.0	6697.8	6875.0	7060.8	7195.4	7317.7	7404.6
-17.5°	4984.4	5270.3	5563.1	5837.1	6073.7	6295.4	6490.4	6660.2	6801.5	6913.6	7011.7
-20°	4594.3	4885.6	5167.3	5428.4	5656.0	5861.5	6059.0	6222.1	6366.9	6488.9	6603.9



REPORT NUMBER: P558994 (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°	4202.6	4469.6	4734.1	4989.6	5204.8	5399.2	5572.0	5728.1	5855.9	5999.7	6101.3
-25°	3800.1	4034.2	4273.0	4498.7	4702.1	4893.2	5049.8	5186.6	5319.9	5458.7	5557.7
-27.5°	3395.8	3602.7	3796.7	3996.4	4174.6	4340.1	4485.5	4605.2	4734.5	4827.2	4936.1
-30°	2995.8	3183.5	3345.4	3484.3	3651.9	3793.9	3907.1	4026.0	4132.8	4221.4	4313.1
-32.5°	2657.2	2785.5	2914.8	3031.0	3142.5	3259.2	3350.3	3454.2	3527.4	3603.7	3677.8
-35°	2331.7	2430.6	2516.5	2625.1	2708.7	2772.2	2848.3	2924.4	2953.7	3036.7	3080.9
-37.5°	2037.0	2101.9	2182.0	2257.7	2319.7	2367.2	2434.9	2474.8	2495.8	2549.5	2578.2
-40°	1784.8	1825.7	1900.5	1952.2	1989.5	2023.9	2080.2	2106.1	2134.8	2161.5	2162.3
-42.5°	1562.9	1615.6	1666.2	1706.8	1730.4	1769.7	1796.2	1799.1	1836.3	1860.1	1863.7
-45°	1381.4	1434.9	1475.1	1504.9	1528.4	1562.2	1579.3	1588.8	1619.2	1635.3	1642.4
-47.5°	1241.9	1279.4	1314.1	1337.1	1368.0	1393.0	1405.5	1421.5	1444.8	1459.6	1470.2
-50°	1119.4	1149.0	1175.4	1196.5	1227.3	1249.6	1261.5	1281.1	1298.5	1309.3	1317.6
-52.5°	1011.6	1038.0	1056.4	1076.8	1102.3	1122.1	1137.4	1156.8	1171.2	1180.7	1188.0
-55°	910.6	935.6	953.4	975.7	994.0	1007.2	1020.2	1039.2	1053.4	1063.0	1069.3
-57.5°	821.6	840.3	857.9	878.1	895.5	909.8	921.4	931.9	941.2	949.1	955.2
-60°	738.2	753.4	769.5	785.4	798.5	808.8	821.3	830.8	836.8	840.5	845.6
-62.5°	658.0	671.7	685.9	698.7	709.1	717.8	727.9	735.8	741.3	745.3	748.2
-65°	581.7	593.6	605.6	616.3	625.3	632.9	639.9	645.4	649.3	652.7	655.3
-67.5°	510.4	519.8	528.2	535.6	542.4	548.8	555.0	559.2	561.5	564.2	566.9
-70°	441.7	449.0	454.7	459.1	463.1	468.2	474.1	478.3	480.7	483.4	485.8
-72.5°	375.2	380.6	385.1	388.8	391.0	394.3	398.4	401.8	404.4	406.4	407.3
-75°	311.1	315.5	319.6	322.4	324.1	326.4	328.5	329.6	329.8	330.7	331.3
-77.5°	248.5	252.8	256.6	259.3	260.9	262.9	264.4	265.2	265.4	265.5	264.9
-80°	193.9	196.9	199.4	201.3	202.5	203.9	204.7	204.8	204.4	204.8	205.0
-82.5°	140.9	143.5	145.7	147.4	148.5	149.9	150.9	151.7	152.1	152.3	152.2
-85°	91.2	92.4	93.6	94.6	95.6	96.2	96.5	96.6	96.4	96.5	96.3
-87.5°	45.5	45.0	44.3	43.4	42.3	42.6	42.9	43.0	43.0	43.4	43.8
-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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	30.4	31.1	28.9	26.7	28.9	31.1	30.4	29.6	28.8	27.9	29.7
85°	101.2	101.9	100.0	97.9	100.0	101.9	101.2	100.2	98.9	97.4	98.4
82.5°	192.9	192.6	191.2	189.2	191.2	192.6	192.9	192.7	191.8	190.5	191.6
80°	294.3	292.4	291.2	289.4	291.2	292.4	294.3	295.4	295.5	295.0	297.0
77.5°	412.0	409.8	413.4	416.2	413.4	409.8	412.0	413.0	412.8	412.9	421.5
75°	571.1	566.7	562.5	556.5	562.5	566.7	571.1	573.3	573.2	573.6	583.2
72.5°	756.0	752.6	749.1	743.4	749.1	752.6	756.0	756.8	755.1	756.8	771.5
70°	976.3	966.0	967.7	968.2	967.7	966.0	976.3	982.2	983.2	986.7	999.5
67.5°	1253.5	1244.1	1245.4	1244.3	1245.4	1244.1	1253.5	1257.6	1256.2	1259.7	1270.1
65°	1589.1	1578.6	1565.8	1547.0	1565.8	1578.6	1589.1	1592.1	1587.2	1583.6	1582.0
62.5°	1949.5	1940.2	1945.6	1949.9	1945.6	1940.2	1949.5	1950.4	1942.9	1941.7	1936.1
60°	2349.6	2336.5	2329.9	2319.3	2329.9	2336.5	2349.6	2351.2	2340.9	2339.4	2332.3
57.5°	2843.7	2841.3	2835.6	2820.2	2835.6	2841.3	2843.7	2832.5	2808.1	2802.1	2781.4
55°	3391.7	3388.6	3401.3	3416.7	3401.3	3388.6	3391.7	3376.5	3344.1	3325.9	3295.6
52.5°	3985.4	3995.5	3991.9	3970.9	3991.9	3995.5	3985.4	3957.0	3918.4	3888.2	3833.3
50°	4573.2	4584.4	4596.4	4607.5	4596.4	4584.4	4573.2	4540.3	4502.9	4474.2	4423.9
47.5°	5239.3	5268.9	5274.1	5253.0	5274.1	5268.9	5239.3	5184.0	5144.0	5098.6	5004.0
45°	5996.1	6014.0	6023.1	6041.0	6023.1	6014.0	5996.1	5936.9	5907.4	5860.6	5767.4
42.5°	6950.2	6970.9	6974.1	6993.6	6974.1	6970.9	6950.2	6874.3	6848.0	6758.4	6626.3
40°	8082.7	8116.3	8110.5	8102.1	8110.5	8116.3	8082.7	7997.9	7978.1	7890.3	7778.6
37.5°	9408.5	9465.5	9471.4	9506.6	9471.4	9465.5	9408.5	9320.2	9257.5	9089.5	9016.2
35°	10896.3	10963.4	10951.8	10969.0	10951.8	10963.4	10896.3	10802.5	10711.9	10560.7	10376.4
32.5°	12397.1	12497.8	12518.0	12602.8	12518.0	12497.8	12397.1	12263.1	12117.5	11918.3	11672.4
30°	13576.3	13717.4	13809.5	13802.5	13809.5	13717.4	13576.3	13397.1	13279.5	12941.8	12674.0
27.5°	14064.7	14247.5	14418.7	14470.3	14418.7	14247.5	14064.7	13844.6	13775.2	13293.7	13124.9
25°	13588.1	13721.7	13872.9	13953.9	13872.9	13721.7	13588.1	13435.7	13197.8	12888.1	12645.9
22.5°	12608.8	12695.8	12747.3	12705.2	12747.3	12695.8	12608.8	12506.2	12283.0	12042.7	11776.8
20°	11720.3	11830.2	11850.6	11895.0	11850.6	11830.2	11720.3	11588.9	11461.9	11255.7	11025.7
17.5°	11058.9	11130.9	11173.2	11182.7	11173.2	11130.9	11058.9	10935.2	10819.1	10633.5	10431.7
15°	10540.6	10598.3	10636.2	10653.0	10636.2	10598.3	10540.6	10440.9	10315.1	10155.3	9981.0
12.5°	10173.3	10243.6	10278.1	10299.0	10278.1	10243.6	10173.3	10088.6	9959.4	9833.9	9650.9
10°	9937.7	10005.6	10033.0	10043.1	10033.0	10005.6	9937.7	9856.5	9754.7	9614.0	9449.8
7.5°	9768.6	9812.1	9830.6	9845.0	9830.6	9812.1	9768.6	9704.1	9597.4	9451.8	9289.1
5°	9632.1	9666.9	9686.3	9707.0	9686.3	9666.9	9632.1	9555.6	9453.6	9323.8	9155.5
2.5°	9446.4	9496.0	9530.4	9551.2	9530.4	9496.0	9446.4	9377.4	9290.4	9166.8	8991.4
0°	9264.0	9310.8	9335.2	9375.3	9335.2	9310.8	9264.0	9195.0	9108.2	8985.8	8814.4
-2.5°	9063.5	9117.6	9181.9	9244.0	9181.9	9117.6	9063.5	8995.2	8918.9	8797.1	8633.3
-5°	8910.1	8981.5	8995.0	9034.8	8995.0	8981.5	8910.1	8822.5	8719.2	8586.3	8428.6
-7.5°	8678.6	8711.3	8766.7	8776.6	8766.7	8711.3	8678.6	8602.9	8475.7	8330.5	8162.2
-10°	8322.0	8375.1	8409.7	8444.9	8409.7	8375.1	8322.0	8242.0	8134.9	7992.7	7838.5
-12.5°	7903.0	7965.3	8020.9	8013.1	8020.9	7965.3	7903.0	7830.5	7734.0	7607.9	7452.6
-15°	7494.7	7554.9	7593.1	7587.9	7593.1	7554.9	7494.7	7404.6	7317.7	7195.4	7060.8
-17.5°	7089.5	7144.5	7199.8	7198.4	7199.8	7144.5	7089.5	7011.7	6913.6	6801.5	6660.2
-20°	6671.1	6718.1	6777.4	6802.2	6777.4	6718.1	6671.1	6603.9	6488.9	6366.9	6222.1



REPORT NUMBER: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	6187.3	6247.4	6290.5	6317.0	6290.5	6247.4	6187.3	6101.3	5999.7	5855.9	5728.1
-25°	5623.3	5685.1	5717.8	5729.4	5717.8	5685.1	5623.3	5557.7	5458.7	5319.9	5186.6
-27.5°	5000.2	5069.5	5103.2	5086.1	5103.2	5069.5	5000.2	4936.1	4827.2	4734.5	4605.2
-30°	4361.3	4405.7	4410.8	4449.5	4410.8	4405.7	4361.3	4313.1	4221.4	4132.8	4026.0
-32.5°	3730.9	3760.7	3743.8	3746.1	3743.8	3760.7	3730.9	3677.8	3603.7	3527.4	3454.2
-35°	3108.4	3132.2	3136.9	3180.7	3136.9	3132.2	3108.4	3080.9	3036.7	2953.7	2924.4
-37.5°	2608.0	2617.6	2603.0	2582.0	2603.0	2617.6	2608.0	2578.2	2549.5	2495.8	2474.8
-40°	2183.5	2190.9	2185.5	2174.7	2185.5	2190.9	2183.5	2162.3	2161.5	2134.8	2106.1
-42.5°	1878.2	1878.3	1873.3	1871.9	1873.3	1878.3	1878.2	1863.7	1860.1	1836.3	1799.1
-45°	1652.7	1655.0	1654.6	1653.8	1654.6	1655.0	1652.7	1642.4	1635.3	1619.2	1588.8
-47.5°	1477.7	1478.1	1475.8	1471.3	1475.8	1478.1	1477.7	1470.2	1459.6	1444.8	1421.5
-50°	1322.7	1322.7	1325.7	1331.1	1325.7	1322.7	1322.7	1317.6	1309.3	1298.5	1281.1
-52.5°	1191.9	1191.6	1193.2	1195.3	1193.2	1191.6	1191.9	1188.0	1180.7	1171.2	1156.8
-55°	1072.1	1071.5	1069.8	1066.2	1069.8	1071.5	1072.1	1069.3	1063.0	1053.4	1039.2
-57.5°	957.5	956.2	953.3	948.2	953.3	956.2	957.5	955.2	949.1	941.2	931.9
-60°	848.4	848.9	847.5	843.6	847.5	848.9	848.4	845.6	840.5	836.8	830.8
-62.5°	748.9	747.4	747.1	745.7	747.1	747.4	748.9	748.2	745.3	741.3	735.8
-65°	655.8	654.2	654.7	654.4	654.7	654.2	655.8	655.3	652.7	649.3	645.4
-67.5°	568.0	567.5	568.0	567.6	568.0	567.5	568.0	566.9	564.2	561.5	559.2
-70°	487.2	487.4	484.9	480.8	484.9	487.4	487.2	485.8	483.4	480.7	478.3
-72.5°	407.0	405.6	405.7	405.1	405.7	405.6	407.0	407.3	406.4	404.4	401.8
-75°	331.2	330.3	332.4	333.9	332.4	330.3	331.2	331.3	330.7	329.8	329.6
-77.5°	263.7	261.7	263.5	264.9	263.5	261.7	263.7	264.9	265.5	265.4	265.2
-80°	204.7	204.0	203.5	202.6	203.5	204.0	204.7	205.0	204.8	204.4	204.8
-82.5°	151.6	150.8	150.1	149.1	150.1	150.8	151.6	152.2	152.3	152.1	151.7
-85°	95.9	95.3	96.7	97.9	96.7	95.3	95.9	96.3	96.5	96.4	96.6
-87.5°	44.1	44.3	43.4	42.3	43.4	44.3	44.1	43.8	43.4	43.0	43.0
-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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	31.4	32.9	34.3	34.5	34.7	34.7	34.7	34.4	34.1	33.6	33.0
85°	99.0	99.3	99.4	101.1	102.1	102.4	102.1	100.3	97.9	94.8	91.0
82.5°	192.0	191.7	190.8	192.8	193.7	193.5	192.1	188.3	183.4	177.3	170.1
80°	297.9	297.6	297.0	301.1	303.1	303.0	300.2	293.4	284.5	275.3	266.1
77.5°	427.3	430.2	431.5	435.5	436.5	434.2	427.6	417.2	408.2	396.4	380.8
75°	589.9	593.6	596.2	600.1	600.4	596.9	590.1	577.5	560.9	540.2	512.5
72.5°	781.5	786.4	787.8	787.9	783.8	779.4	769.5	752.7	730.9	704.0	667.4
70°	1007.6	1010.8	1009.4	1003.0	994.9	984.3	967.6	944.0	913.9	882.2	837.3
67.5°	1273.7	1270.3	1261.2	1248.5	1235.1	1214.9	1188.3	1154.3	1119.5	1079.8	1019.4
65°	1575.7	1565.2	1553.1	1536.1	1510.7	1476.7	1435.5	1392.7	1347.2	1291.8	1215.5
62.5°	1916.6	1882.7	1871.0	1854.4	1822.2	1775.0	1724.5	1670.0	1602.1	1522.8	1446.1
60°	2313.2	2284.3	2255.4	2217.2	2169.9	2110.9	2047.1	1973.2	1889.6	1801.2	1698.8
57.5°	2741.6	2703.0	2673.4	2622.3	2548.9	2479.9	2399.8	2298.1	2197.8	2095.5	1972.9
55°	3254.6	3201.5	3138.7	3067.4	2989.0	2899.5	2790.0	2671.2	2548.6	2407.7	2277.1
52.5°	3757.5	3710.3	3638.1	3535.7	3443.7	3350.2	3221.6	3082.3	2943.7	2797.6	2614.3
50°	4352.2	4280.3	4181.8	4062.7	3966.1	3838.7	3695.4	3526.5	3382.2	3215.0	3013.0
47.5°	4949.8	4903.0	4786.8	4648.6	4559.2	4411.2	4234.8	4045.7	3886.4	3659.0	3438.8
45°	5705.8	5620.5	5490.3	5371.4	5231.5	5067.2	4842.1	4661.4	4448.5	4200.2	3881.0
42.5°	6591.7	6468.4	6299.5	6199.6	6031.6	5815.0	5564.7	5337.1	5071.4	4781.2	4414.6
40°	7665.4	7462.2	7290.7	7129.8	6938.2	6652.6	6375.1	6072.1	5754.5	5397.3	4920.2
37.5°	8898.8	8683.3	8430.3	8164.4	7917.0	7591.0	7219.6	6862.8	6481.0	5943.8	5399.8
35°	10182.9	9937.1	9624.6	9302.4	8918.1	8461.4	8078.1	7657.3	7136.0	6438.9	5843.6
32.5°	11450.9	11047.2	10708.8	10360.9	9785.6	9221.7	8809.2	8435.3	7550.0	6830.7	6233.5
30°	12367.8	11856.8	11513.9	11037.5	10315.4	9802.2	9409.9	8633.7	7809.8	7103.9	6537.2
27.5°	12568.4	12190.2	11842.1	11127.2	10505.3	10051.4	9438.4	8647.2	7897.9	7233.7	6685.0
25°	12183.1	11837.7	11414.2	10819.8	10300.7	9834.3	9190.6	8474.0	7801.7	7216.0	6600.2
22.5°	11451.5	11135.8	10750.3	10286.5	9846.2	9370.4	8803.1	8182.0	7603.7	7055.5	6459.3
20°	10752.4	10468.4	10111.0	9743.5	9364.9	8913.6	8375.2	7867.4	7396.7	6865.9	6290.0
17.5°	10203.0	9909.4	9628.7	9310.1	8922.3	8461.2	8073.8	7655.4	7190.4	6663.0	6096.8
15°	9745.0	9523.9	9256.4	8920.5	8564.7	8236.4	7868.0	7440.2	6976.8	6443.7	5916.5
12.5°	9465.3	9228.9	8936.8	8673.9	8377.6	8034.1	7654.5	7218.1	6775.0	6328.5	5855.8
10°	9241.7	9017.8	8777.1	8500.5	8187.6	7831.3	7476.1	7096.8	6684.3	6245.9	5778.1
7.5°	9098.3	8867.5	8610.9	8341.4	8041.1	7720.9	7372.6	6995.1	6578.6	6141.1	5682.4
5°	8959.1	8729.2	8482.8	8223.8	7917.0	7597.3	7252.5	6874.0	6455.8	6014.3	5567.9
2.5°	8799.9	8582.4	8344.6	8085.8	7773.9	7455.0	7114.8	6731.7	6319.7	5895.3	5437.6
0°	8620.7	8420.4	8164.4	7904.0	7610.2	7298.6	6958.0	6566.3	6163.4	5762.7	5286.4
-2.5°	8450.5	8237.3	8000.9	7742.4	7460.9	7138.3	6799.9	6420.9	6009.5	5604.5	5138.7
-5°	8242.6	8035.3	7798.0	7528.0	7244.3	6926.0	6589.6	6223.4	5818.8	5418.3	4973.3
-7.5°	7974.8	7775.7	7551.5	7282.8	6993.2	6675.2	6335.0	5969.2	5575.0	5178.9	4746.3
-10°	7653.4	7441.6	7213.7	6963.2	6692.0	6391.5	6055.0	5689.8	5310.6	4916.0	4500.1
-12.5°	7276.3	7074.9	6846.6	6601.8	6334.5	6040.5	5729.0	5380.6	5026.0	4629.6	4235.1
-15°	6875.0	6697.8	6473.0	6216.7	5943.4	5665.0	5369.3	5037.1	4709.5	4321.7	3951.4
-17.5°	6490.4	6295.4	6073.7	5837.1	5563.1	5270.3	4984.4	4679.8	4363.1	4009.8	3670.9
-20°	6059.0	5861.5	5656.0	5428.4	5167.3	4885.6	4594.3	4303.8	4006.2	3698.6	3390.6



REPORT NUMBER: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	5572.0	5399.2	5204.8	4989.6	4734.1	4469.6	4202.6	3928.2	3646.8	3381.9	3105.6
-25°	5049.8	4893.2	4702.1	4498.7	4273.0	4034.2	3800.1	3556.4	3314.1	3065.8	2820.7
-27.5°	4485.5	4340.1	4174.6	3996.4	3796.7	3602.7	3395.8	3185.7	2989.9	2770.9	2557.1
-30°	3907.1	3793.9	3651.9	3484.3	3345.4	3183.5	2995.8	2846.3	2676.7	2489.2	2315.0
-32.5°	3350.3	3259.2	3142.5	3031.0	2914.8	2785.5	2657.2	2518.4	2370.5	2236.9	2094.4
-35°	2848.3	2772.2	2708.7	2625.1	2516.5	2430.6	2331.7	2217.9	2104.8	1997.5	1883.1
-37.5°	2434.9	2367.2	2319.7	2257.7	2182.0	2101.9	2037.0	1958.9	1866.1	1780.3	1687.5
-40°	2080.2	2023.9	1989.5	1952.2	1900.5	1825.7	1784.8	1726.5	1662.6	1580.2	1505.5
-42.5°	1796.2	1769.7	1730.4	1706.8	1666.2	1615.6	1562.9	1529.3	1478.2	1413.9	1352.9
-45°	1579.3	1562.2	1528.4	1504.9	1475.1	1434.9	1381.4	1356.2	1317.5	1272.9	1215.2
-47.5°	1405.5	1393.0	1368.0	1337.1	1314.1	1279.4	1241.9	1206.4	1183.9	1145.6	1098.2
-50°	1261.5	1249.6	1227.3	1196.5	1175.4	1149.0	1119.4	1084.2	1062.7	1030.1	990.8
-52.5°	1137.4	1122.1	1102.3	1076.8	1056.4	1038.0	1011.6	979.2	951.0	928.7	899.8
-55°	1020.2	1007.2	994.0	975.7	953.4	935.6	910.6	882.6	859.4	840.1	815.4
-57.5°	921.4	909.8	895.5	878.1	857.9	840.3	821.6	799.9	775.9	757.8	734.8
-60°	821.3	808.8	798.5	785.4	769.5	753.4	738.2	719.6	697.5	679.7	659.6
-62.5°	727.9	717.8	709.1	698.7	685.9	671.7	658.0	642.4	624.2	605.6	588.9
-65°	639.9	632.9	625.3	616.3	605.6	593.6	581.7	568.7	554.0	537.5	521.8
-67.5°	555.0	548.8	542.4	535.6	528.2	519.8	510.4	499.2	486.9	473.5	460.3
-70°	474.1	468.2	463.1	459.1	454.7	449.0	441.7	432.9	422.9	412.4	400.6
-72.5°	398.4	394.3	391.0	388.8	385.1	380.6	375.2	369.0	361.8	353.5	342.6
-75°	328.5	326.4	324.1	322.4	319.6	315.5	311.1	306.6	300.8	293.7	284.8
-77.5°	264.4	262.9	260.9	259.3	256.6	252.8	248.5	245.1	241.1	235.8	228.9
-80°	204.7	203.9	202.5	201.3	199.4	196.9	193.9	190.5	186.0	180.9	175.8
-82.5°	150.9	149.9	148.5	147.4	145.7	143.5	140.9	138.3	135.4	132.0	128.4
-85°	96.5	96.2	95.6	94.6	93.6	92.4	91.2	90.1	88.7	87.0	85.0
-87.5°	42.9	42.6	42.3	43.4	44.3	45.0	45.5	45.0	44.3	43.5	42.5
-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: P558994 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-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°	32.3	31.5	30.5	29.4	28.7	27.8	26.7	25.4	23.2	20.9	18.6
85°	86.3	81.0	75.1	68.5	62.3	55.7	53.5	50.8	46.4	41.8	37.1
82.5°	161.1	153.3	145.2	136.1	126.2	115.6	104.4	92.5	78.0	63.9	55.6
80°	254.3	241.3	227.0	211.3	194.0	175.4	160.2	143.5	122.9	103.0	83.9
77.5°	360.5	338.3	314.4	293.9	272.8	249.8	225.1	197.3	167.4	141.7	117.0
75°	478.6	450.8	422.1	390.9	357.7	324.2	295.0	260.9	220.4	180.9	149.6
72.5°	625.7	582.5	538.1	492.3	452.6	411.6	369.6	323.5	275.9	229.4	184.2
70°	783.2	723.6	667.8	612.8	555.6	499.0	450.1	393.1	330.6	277.1	225.2
67.5°	950.8	885.8	814.8	736.9	668.0	601.1	532.4	463.4	393.5	324.0	265.4
65°	1141.2	1059.1	970.4	884.8	793.5	704.1	627.3	536.2	455.0	378.3	304.7
62.5°	1350.5	1243.2	1146.8	1039.2	932.4	827.0	719.1	616.4	517.2	431.3	348.4
60°	1587.6	1470.0	1334.5	1214.1	1085.4	956.1	827.9	694.0	585.7	482.9	393.2
57.5°	1848.4	1710.2	1565.3	1406.1	1254.9	1102.0	936.4	782.6	651.7	538.9	436.3
55°	2121.1	1965.8	1802.1	1627.0	1440.3	1263.8	1050.6	873.3	718.5	594.4	476.3
52.5°	2426.5	2240.8	2052.0	1854.5	1648.9	1420.9	1177.4	958.8	793.4	647.4	518.9
50°	2778.3	2546.1	2322.0	2095.0	1860.5	1586.1	1295.8	1061.1	863.6	700.8	559.3
47.5°	3179.6	2897.8	2620.0	2347.6	2088.2	1739.6	1426.3	1158.6	929.0	757.9	597.0
45°	3595.1	3284.7	2948.3	2633.2	2273.2	1894.9	1553.4	1248.5	1008.1	807.5	631.7
42.5°	4012.3	3676.3	3315.3	2921.3	2463.1	2042.1	1669.4	1349.4	1081.1	853.1	668.1
40°	4475.7	4066.7	3681.3	3188.9	2635.8	2176.0	1788.8	1444.1	1146.7	899.1	704.5
37.5°	4917.6	4465.3	4041.6	3393.2	2793.8	2313.0	1897.9	1528.8	1206.7	948.8	737.7
35°	5330.0	4851.7	4223.2	3559.3	2950.6	2428.9	1994.5	1608.7	1270.4	992.6	767.4
32.5°	5706.2	5099.3	4362.4	3688.9	3074.9	2523.6	2082.1	1679.8	1324.9	1030.4	793.6
30°	5962.7	5191.9	4458.0	3782.6	3167.6	2615.3	2153.4	1738.8	1370.2	1062.3	818.1
27.5°	5976.2	5234.9	4509.1	3841.0	3231.4	2682.6	2207.6	1785.7	1406.4	1091.9	843.4
25°	5929.4	5216.0	4516.6	3862.7	3265.2	2737.7	2249.1	1820.9	1439.7	1120.8	864.1
22.5°	5819.8	5148.8	4482.6	3848.1	3302.2	2775.7	2283.6	1851.0	1466.6	1142.5	880.2
20°	5681.4	5039.7	4425.4	3862.4	3320.9	2800.0	2309.4	1870.4	1484.1	1157.2	891.9
17.5°	5511.8	4953.2	4415.8	3859.7	3320.9	2807.2	2321.1	1879.4	1492.3	1165.3	899.1
15°	5433.9	4919.2	4386.8	3839.1	3302.6	2797.8	2319.0	1878.2	1491.7	1166.9	904.2
12.5°	5371.2	4865.8	4339.8	3800.7	3266.7	2772.5	2303.6	1867.1	1482.8	1166.9	908.0
10°	5291.9	4793.0	4274.8	3744.6	3213.9	2732.1	2275.6	1850.1	1478.3	1165.0	908.2
7.5°	5195.3	4700.9	4191.8	3671.2	3150.3	2686.7	2247.0	1831.2	1469.0	1158.1	905.1
5°	5083.2	4599.3	4102.7	3600.8	3101.9	2638.8	2209.0	1803.1	1453.4	1146.6	898.7
2.5°	4961.9	4494.4	4002.9	3515.6	3040.8	2579.1	2160.9	1766.6	1431.8	1130.7	889.3
0°	4821.2	4371.6	3886.3	3414.5	2967.1	2508.5	2103.4	1722.8	1404.5	1110.7	877.0
-2.5°	4697.6	4236.7	3760.7	3304.7	2859.6	2424.0	2040.7	1678.7	1374.3	1091.1	864.1
-5°	4553.9	4084.3	3620.4	3181.0	2740.8	2330.6	1970.5	1628.8	1339.2	1068.0	848.7
-7.5°	4342.8	3898.1	3460.6	3041.9	2612.3	2229.8	1893.7	1574.0	1299.8	1041.7	830.9
-10°	4105.0	3687.3	3279.5	2884.7	2487.4	2130.4	1812.7	1514.8	1256.6	1012.5	811.0
-12.5°	3853.7	3465.2	3088.4	2720.0	2358.7	2032.3	1735.1	1456.7	1210.4	980.7	789.1
-15°	3590.4	3233.6	2888.8	2549.6	2225.8	1929.3	1653.7	1397.4	1165.1	948.1	765.4
-17.5°	3322.5	2994.5	2682.2	2375.4	2090.1	1822.3	1569.6	1335.0	1117.1	915.5	741.7
-20°	3078.0	2771.1	2471.7	2199.1	1953.2	1712.1	1483.4	1270.2	1067.1	881.1	717.7



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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°	2834.2	2565.0	2294.6	2035.3	1819.0	1599.6	1396.1	1203.3	1015.4	845.2	692.1
-25°	2591.4	2360.1	2121.8	1899.2	1688.9	1495.1	1311.8	1134.8	962.3	808.1	664.8
-27.5°	2362.7	2160.2	1948.2	1762.7	1575.2	1392.2	1230.5	1069.8	910.9	769.9	636.2
-30°	2144.5	1969.4	1792.4	1629.2	1462.8	1302.6	1149.0	1005.0	864.0	732.9	606.2
-32.5°	1942.9	1781.1	1643.7	1505.3	1359.4	1213.6	1073.4	940.5	816.9	696.1	578.2
-35°	1755.5	1620.2	1499.4	1385.4	1259.6	1132.8	1004.3	876.7	769.8	658.3	550.6
-37.5°	1577.1	1477.6	1374.1	1272.8	1160.4	1053.6	939.2	823.9	722.9	619.4	522.4
-40°	1430.4	1345.5	1259.1	1166.1	1072.3	976.1	873.8	774.0	677.2	579.7	493.7
-42.5°	1290.7	1224.7	1150.2	1062.6	990.5	904.5	809.4	723.1	633.1	543.9	464.7
-45°	1166.3	1110.3	1046.8	981.1	912.1	833.6	752.7	671.9	588.8	510.4	436.5
-47.5°	1049.1	1007.5	955.9	900.9	837.2	765.5	695.4	623.0	544.6	476.8	409.6
-50°	950.4	914.5	873.0	823.2	763.8	703.1	639.0	574.2	507.5	443.6	382.1
-52.5°	864.7	830.4	793.3	747.4	696.9	640.6	587.0	526.5	469.7	411.5	354.2
-55°	784.2	750.6	716.7	677.4	632.1	585.1	535.7	484.1	431.2	379.5	326.1
-57.5°	708.2	675.5	646.3	611.1	573.0	532.0	487.5	441.3	394.4	347.0	301.2
-60°	635.2	608.5	579.7	550.8	517.6	480.3	440.5	399.0	357.8	314.9	276.0
-62.5°	568.0	544.0	520.1	493.9	463.4	429.8	393.9	358.6	320.8	286.0	250.4
-65°	504.9	485.1	462.4	437.6	409.8	380.4	350.1	317.9	287.4	256.8	224.6
-67.5°	444.8	426.4	404.4	381.5	359.4	334.8	306.5	280.7	254.8	227.3	199.3
-70°	386.0	368.1	349.8	332.3	312.4	289.9	267.4	244.8	221.9	199.0	173.7
-72.5°	329.3	315.3	300.6	284.7	267.5	248.9	229.0	209.4	191.2	170.7	148.0
-75°	274.2	263.4	252.0	239.1	224.1	208.0	192.6	176.7	160.4	142.3	125.2
-77.5°	221.2	212.8	203.8	194.5	183.0	170.7	157.6	144.0	130.7	117.5	103.4
-80°	171.2	165.9	159.8	152.6	143.2	133.2	123.8	114.1	103.9	93.1	81.4
-82.5°	124.9	121.2	116.9	111.9	105.5	98.9	92.1	85.1	77.1	68.5	60.1
-85°	82.5	79.6	76.3	72.4	68.5	64.5	60.6	56.4	51.1	45.6	40.1
-87.5°	41.0	39.3	37.6	35.7	34.1	32.3	30.3	28.2	25.6	22.8	20.1
-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°	16.1	13.6	11.0	8.3	5.6	2.8	0.0
85°	32.2	27.2	22.0	16.7	11.2	5.5	0.0
82.5°	48.3	40.7	32.9	25.0	16.8	8.3	0.0
80°	65.7	54.2	43.8	33.2	22.4	11.0	0.0
77.5°	93.3	70.7	54.7	41.4	27.9	13.7	0.0
75°	120.5	92.7	66.5	49.6	33.3	16.4	0.0
72.5°	147.3	114.4	83.3	57.6	38.7	19.0	0.0
70°	174.6	135.7	99.9	66.3	44.0	21.7	0.0
67.5°	208.0	156.5	116.0	78.1	49.2	24.2	0.0
65°	240.5	179.6	131.9	89.6	54.3	26.7	0.0
62.5°	271.9	204.8	147.2	100.9	59.3	29.2	0.0
60°	302.1	229.2	162.2	111.8	64.1	31.6	0.0
57.5°	336.3	252.6	180.1	122.4	71.0	34.0	0.0
55°	369.5	274.9	197.5	132.6	77.7	36.2	0.0
52.5°	400.9	296.9	214.2	142.5	84.2	38.4	0.0
50°	430.5	321.0	230.0	151.9	90.5	40.6	0.0
47.5°	458.7	343.6	245.0	161.4	96.5	42.6	0.0
45°	488.1	364.7	259.1	172.0	102.2	44.6	0.0
42.5°	515.3	384.3	272.3	181.9	107.7	46.5	0.0
40°	540.0	402.3	285.7	191.3	113.0	48.3	0.0
37.5°	562.3	418.6	299.1	200.3	117.9	50.0	0.0
35°	582.2	434.9	311.3	208.7	122.6	51.5	0.0
32.5°	601.3	450.2	322.3	216.5	126.9	53.0	0.0
30°	621.8	463.6	332.2	223.6	131.0	54.4	0.0
27.5°	639.6	475.2	341.5	230.2	134.7	55.7	0.0
25°	654.5	484.9	349.8	236.1	138.1	56.9	0.0
22.5°	666.7	493.4	356.8	241.4	141.2	57.9	0.0
20°	676.2	501.8	362.8	246.1	144.0	58.9	0.0
17.5°	684.8	508.8	367.6	250.1	146.4	59.7	0.0
15°	691.7	514.3	371.2	253.5	148.5	60.5	0.0
12.5°	695.9	518.3	373.8	256.3	150.2	61.1	0.0
10°	697.6	520.8	375.4	258.4	151.6	61.5	0.0
7.5°	696.8	521.8	375.9	259.8	152.6	61.9	0.0
5°	693.8	521.5	375.4	260.6	153.3	62.2	0.0
2.5°	688.5	519.6	374.0	260.8	153.6	62.3	0.0
0°	681.1	516.4	371.7	260.4	153.6	62.3	0.0
-2.5°	673.3	511.5	369.9	259.2	153.2	62.4	0.0
-5°	663.6	505.3	367.2	257.4	152.5	62.4	0.0
-7.5°	652.2	497.9	363.8	255.1	151.5	62.2	0.0
-10°	639.1	489.3	359.4	252.1	150.1	61.9	0.0
-12.5°	624.5	479.7	354.3	248.6	148.4	61.5	0.0
-15°	608.3	469.1	348.4	244.6	146.4	61.0	0.0
-17.5°	590.7	457.6	341.7	240.0	144.1	60.4	0.0
-20°	572.5	445.2	334.2	234.9	141.5	59.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	554.2	432.2	326.0	229.4	138.6	58.7	0.0
-25°	534.9	419.1	317.1	223.3	135.4	57.7	0.0
-27.5°	514.5	405.5	307.4	216.9	132.0	56.6	0.0
-30°	493.3	391.1	297.1	209.9	128.3	55.4	0.0
-32.5°	471.2	375.8	286.5	202.6	124.4	54.1	0.0
-35°	450.6	359.8	275.3	194.9	120.3	52.6	0.0
-37.5°	430.2	343.6	263.5	186.8	115.9	51.0	0.0
-40°	409.0	328.1	251.3	178.3	111.3	49.4	0.0
-42.5°	387.1	312.1	239.1	169.5	106.5	47.6	0.0
-45°	364.6	295.5	227.0	160.5	101.5	45.7	0.0
-47.5°	341.5	278.5	214.5	151.0	96.3	43.8	0.0
-50°	320.3	261.1	201.5	142.6	91.0	41.7	0.0
-52.5°	299.2	243.3	188.2	134.4	85.5	39.5	0.0
-55°	277.7	226.1	174.4	125.8	79.8	37.3	0.0
-57.5°	255.9	208.6	160.3	117.1	74.0	35.0	0.0
-60°	233.9	190.8	146.1	108.1	68.0	32.6	0.0
-62.5°	212.4	172.7	134.0	99.0	63.0	30.1	0.0
-65°	190.5	154.2	121.6	89.6	57.7	27.6	0.0
-67.5°	168.4	137.1	109.1	80.1	52.4	25.0	0.0
-70°	146.0	121.4	96.3	70.4	46.9	22.4	0.0
-72.5°	126.6	105.4	83.4	61.7	41.3	19.7	0.0
-75°	107.6	89.3	70.3	53.0	35.6	17.0	0.0
-77.5°	88.5	73.1	58.5	44.4	29.8	14.2	0.0
-80°	69.2	58.1	47.0	35.6	23.9	11.4	0.0
-82.5°	51.8	43.6	35.3	26.7	18.0	8.6	0.0
-85°	34.5	29.1	23.6	17.8	12.0	5.7	0.0
-87.5°	17.3	14.6	11.8	8.9	6.0	2.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)