

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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558866 (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-SA3E-935-U-WAF-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

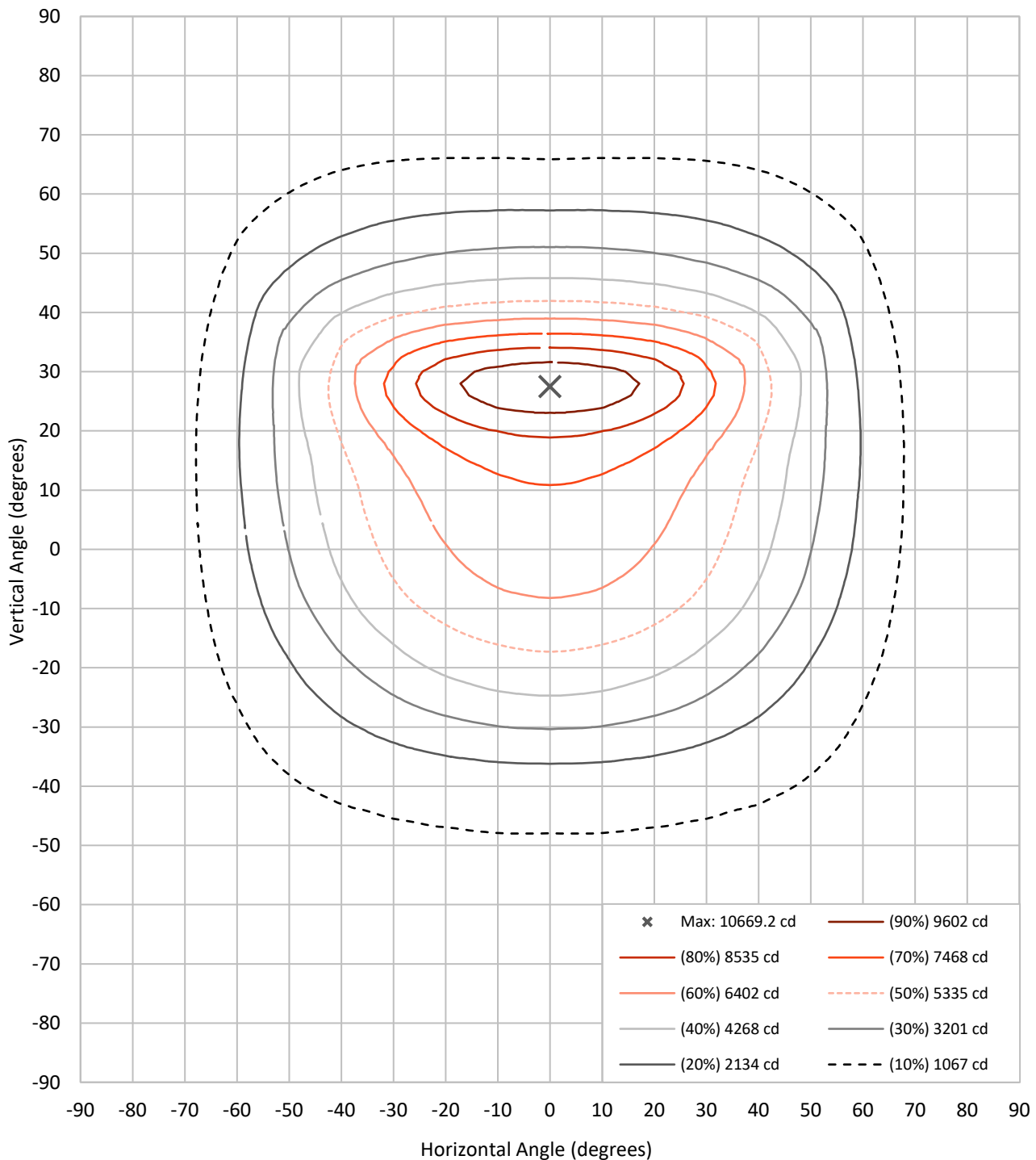
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	15553.8 lumens	Max Intensity:	10669.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	85.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	8067 lumens	Field Lumens:	14388.6 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	182		
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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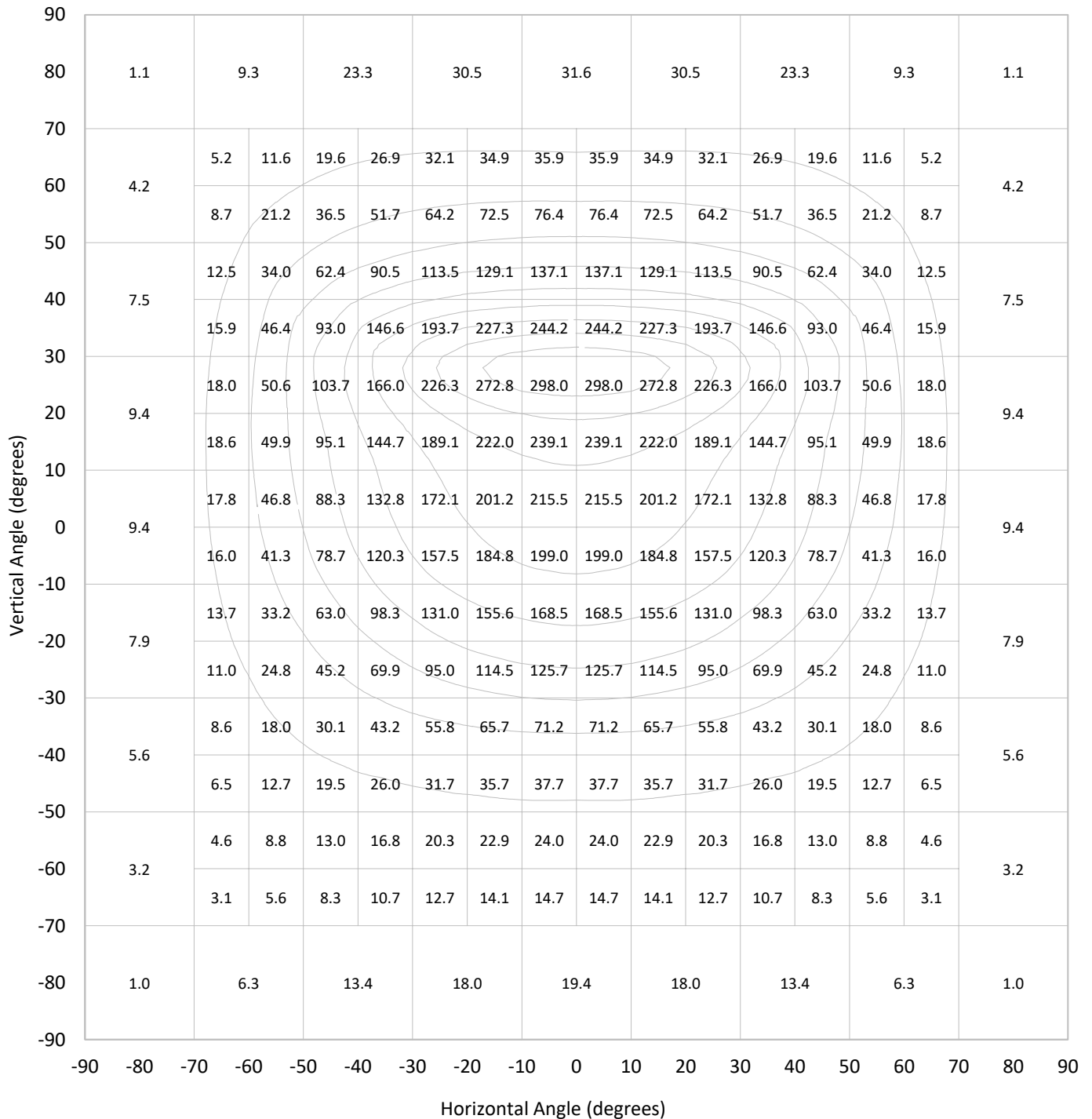
Iso-Candela Plot





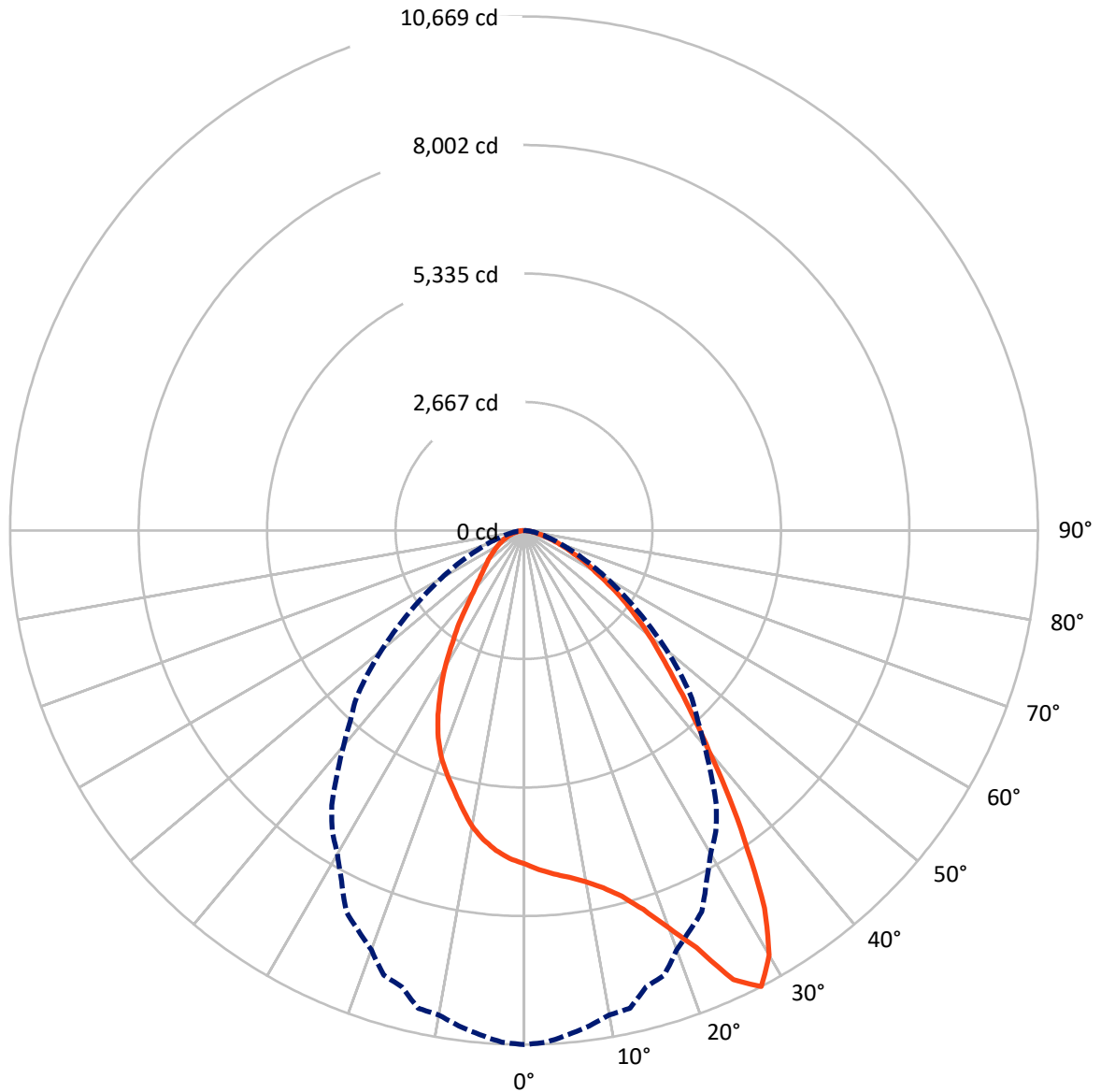
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Lumen Table



REPORT NUMBER: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
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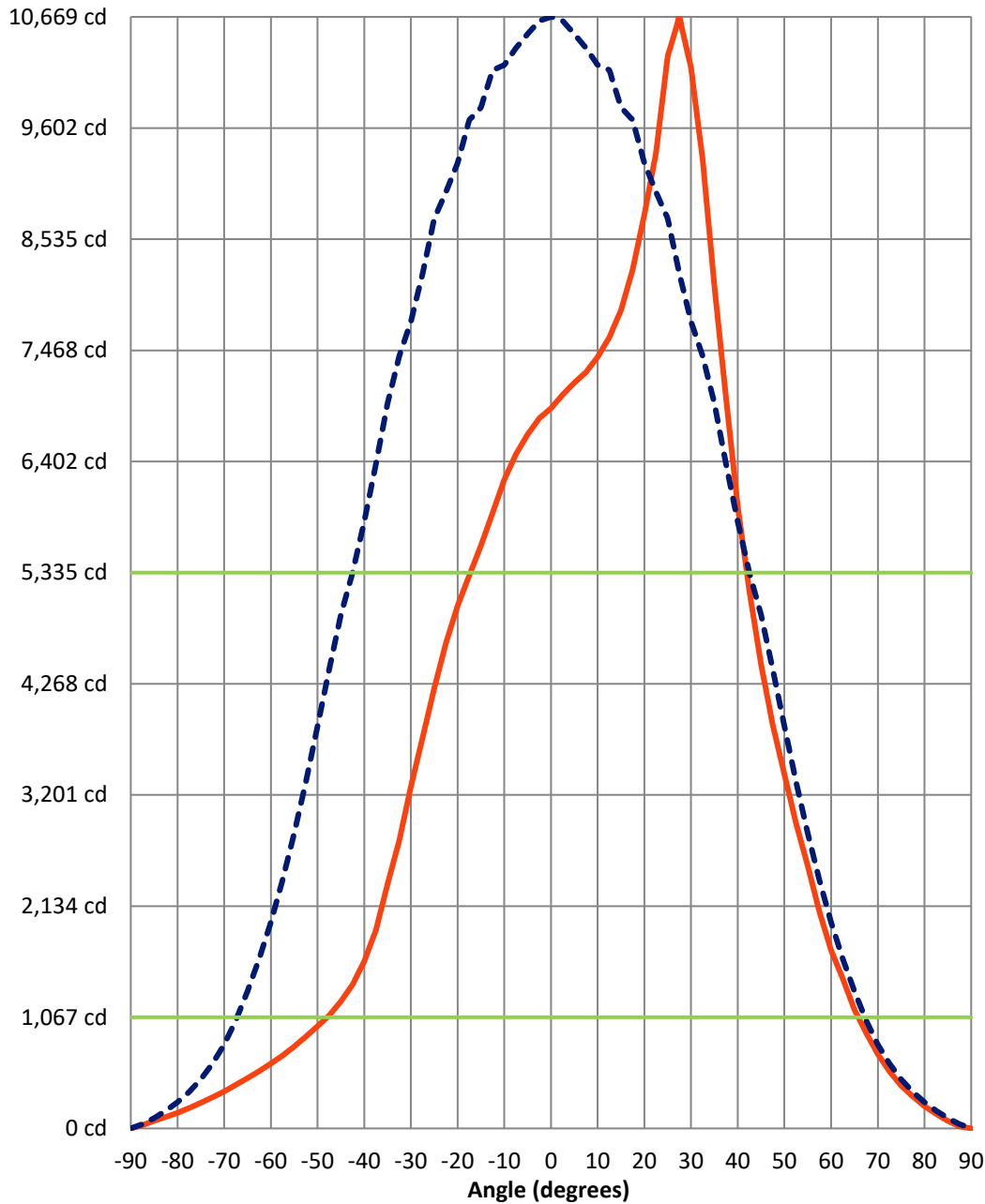
Luminous Intensity Polar Plot



— 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: 8067
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 14388.6
 Efficiency: 92.5%

Spill:
 Lumens: 1165.2
 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	2.0	4.1	6.2	8.1	10.0	11.9	13.7	15.4	17.1	18.7
85°	0.0	4.1	8.3	12.3	16.2	20.1	23.8	27.4	30.9	34.2	37.4
82.5°	0.0	6.1	12.4	18.4	24.3	30.1	35.6	41.0	47.2	57.5	68.2
80°	0.0	8.1	16.5	24.5	32.4	40.0	48.5	61.9	76.0	90.6	105.8
77.5°	0.0	10.1	20.6	30.6	40.4	52.2	68.8	86.3	104.5	123.5	145.5
75°	0.0	12.1	24.6	36.6	49.1	68.4	88.9	110.3	133.4	162.6	192.4
72.5°	0.0	14.1	28.5	42.5	61.5	84.4	108.7	135.8	169.2	203.5	238.6
70°	0.0	16.0	32.5	48.9	73.7	100.1	128.8	166.1	204.4	243.8	289.9
67.5°	0.0	17.9	36.3	57.6	85.6	115.4	153.4	195.7	239.0	290.1	341.7
65°	0.0	19.7	40.1	66.1	97.2	132.5	177.3	224.7	279.0	335.5	395.4
62.5°	0.0	21.6	43.7	74.4	108.6	151.0	200.5	256.9	318.0	381.3	454.5
60°	0.0	23.3	47.3	82.4	119.6	169.0	222.8	290.0	356.1	431.9	511.7
57.5°	0.0	25.1	52.4	90.3	132.8	186.2	248.0	321.7	397.4	480.5	577.0
55°	0.0	26.8	57.3	97.8	145.6	202.7	272.4	351.2	438.3	529.8	643.9
52.5°	0.0	28.4	62.1	105.1	157.9	218.9	295.6	382.6	477.4	585.0	707.0
50°	0.0	30.0	66.7	112.0	169.6	236.7	317.4	412.4	516.8	636.8	782.4
47.5°	0.0	31.5	71.2	119.0	180.6	253.3	338.2	440.2	558.8	685.0	854.3
45°	0.0	32.9	75.4	126.8	191.0	268.9	359.9	465.8	595.4	743.3	920.5
42.5°	0.0	34.3	79.5	134.1	200.7	283.3	379.9	492.6	629.1	797.1	995.0
40°	0.0	35.6	83.3	141.1	210.6	296.6	398.2	519.5	663.0	845.4	1064.8
37.5°	0.0	36.9	87.0	147.7	220.5	308.6	414.6	543.9	699.6	889.6	1127.2
35°	0.0	38.1	90.4	153.8	229.5	320.6	429.3	565.8	731.9	936.6	1186.1
32.5°	0.0	39.2	93.6	159.6	237.6	331.9	443.4	585.2	759.7	976.9	1238.6
30°	0.0	40.2	96.6	164.9	244.9	341.8	458.5	603.2	783.2	1010.3	1282.1
27.5°	0.0	41.1	99.3	169.7	251.8	350.3	471.6	621.9	805.1	1037.0	1316.6
25°	0.0	42.0	101.8	174.1	257.8	357.5	482.6	637.1	826.3	1061.6	1342.6
22.5°	0.0	42.8	104.1	178.0	263.1	363.8	491.6	649.0	842.3	1081.4	1364.7
20°	0.0	43.5	106.1	181.4	267.4	370.0	498.6	657.6	853.2	1094.2	1379.1
17.5°	0.0	44.1	107.9	184.4	271.0	375.1	504.9	662.9	859.2	1100.3	1385.7
15°	0.0	44.6	109.4	186.9	273.7	379.1	510.0	666.7	860.4	1099.9	1384.8
12.5°	0.0	45.1	110.7	188.9	275.6	382.1	513.1	669.4	860.4	1093.3	1376.6
10°	0.0	45.4	111.7	190.5	276.8	384.0	514.4	669.6	859.0	1090.0	1364.1
7.5°	0.0	45.7	112.5	191.6	277.2	384.7	513.8	667.3	853.9	1083.1	1350.1
5°	0.0	45.9	113.0	192.2	276.8	384.4	511.5	662.6	845.4	1071.6	1329.4
2.5°	0.0	46.0	113.2	192.3	275.8	383.1	507.6	655.7	833.6	1055.7	1302.6
0°	0.0	46.0	113.2	192.0	274.1	380.7	502.2	646.6	818.9	1035.6	1270.3
-2.5°	0.0	46.1	112.9	191.1	272.8	377.1	496.4	637.1	804.4	1013.3	1237.8
-5°	0.0	46.0	112.4	189.8	270.8	372.5	489.3	625.7	787.4	987.4	1201.0
-7.5°	0.0	45.9	111.6	188.1	268.2	367.1	480.9	612.7	768.0	958.4	1160.5
-10°	0.0	45.7	110.6	185.9	265.1	360.7	471.2	598.0	746.5	926.5	1116.9
-12.5°	0.0	45.4	109.4	183.3	261.3	353.6	460.4	581.8	723.1	892.4	1074.0
-15°	0.0	45.0	107.9	180.3	256.9	345.8	448.5	564.4	699.0	859.0	1030.3
-17.5°	0.0	44.6	106.2	177.0	252.0	337.3	435.5	546.9	675.0	823.6	984.3
-20°	0.0	44.0	104.3	173.2	246.5	328.2	422.1	529.2	649.7	786.7	936.5



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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	43.4	102.2	169.1	240.4	318.6	408.6	510.3	623.2	748.6	887.1
-25°	0.0	42.6	99.9	164.7	233.8	309.0	394.3	490.2	595.8	709.5	836.6
-27.5°	0.0	41.8	97.4	159.9	226.7	299.0	379.3	469.0	567.7	671.6	788.7
-30°	0.0	40.9	94.6	154.8	219.1	288.4	363.6	446.9	540.4	637.0	740.9
-32.5°	0.0	39.9	91.8	149.4	211.3	277.1	347.4	426.3	513.3	602.3	693.4
-35°	0.0	38.8	88.7	143.7	203.0	265.3	332.2	405.9	485.3	567.6	646.3
-37.5°	0.0	37.7	85.5	137.7	194.3	253.4	317.1	385.1	456.7	533.0	607.4
-40°	0.0	36.4	82.1	131.5	185.3	242.0	301.5	364.0	427.4	499.3	570.6
-42.5°	0.0	35.1	78.6	125.0	176.3	230.1	285.4	342.6	401.0	466.7	533.1
-45°	0.0	33.7	74.9	118.4	167.4	217.9	268.8	321.9	376.3	434.1	495.4
-47.5°	0.0	32.3	71.1	111.4	158.1	205.4	251.8	302.0	351.5	401.5	459.3
-50°	0.0	30.8	67.1	105.2	148.6	192.5	236.2	281.8	327.1	374.2	423.4
-52.5°	0.0	29.2	63.1	99.1	138.7	179.4	220.6	261.2	303.4	346.3	388.2
-55°	0.0	27.5	58.9	92.8	128.6	166.7	204.8	240.5	279.8	317.9	357.0
-57.5°	0.0	25.8	54.6	86.4	118.2	153.8	188.7	222.1	255.9	290.8	325.4
-60°	0.0	24.1	50.2	79.8	107.7	140.7	172.5	203.5	232.2	263.8	294.2
-62.5°	0.0	22.2	46.5	73.0	98.8	127.3	156.6	184.6	210.9	236.6	264.4
-65°	0.0	20.4	42.6	66.1	89.7	113.7	140.5	165.6	189.4	212.0	234.4
-67.5°	0.0	18.5	38.6	59.1	80.4	101.0	124.1	146.9	167.6	187.9	207.0
-70°	0.0	16.5	34.6	51.9	71.0	89.4	107.6	128.0	146.7	163.6	180.5
-72.5°	0.0	14.5	30.4	45.5	61.5	77.7	93.3	109.1	125.8	140.9	154.5
-75°	0.0	12.5	26.2	39.1	51.9	65.8	79.3	92.3	104.8	118.3	130.3
-77.5°	0.0	10.5	22.0	32.7	43.2	53.9	65.2	76.2	86.6	96.3	106.1
-80°	0.0	8.4	17.6	26.2	34.6	42.8	50.9	60.0	68.6	76.6	84.1
-82.5°	0.0	6.3	13.3	19.7	26.0	32.1	38.1	44.3	50.5	56.8	62.7
-85°	0.0	4.2	8.9	13.2	17.4	21.5	25.4	29.6	33.6	37.6	41.5
-87.5°	0.0	2.1	4.4	6.6	8.7	10.7	12.7	14.8	16.8	18.8	20.8
-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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	19.7	20.5	21.1	21.6	22.5	23.2	23.9	24.4	24.8	25.2	25.4
85°	39.4	41.0	45.9	50.5	55.3	59.7	63.7	67.1	69.9	72.2	73.9
82.5°	77.0	85.2	93.0	100.3	107.0	113.0	118.8	125.4	130.7	135.2	138.8
80°	118.1	129.3	143.0	155.8	167.3	177.9	187.5	196.2	203.0	209.8	216.3
77.5°	166.0	184.2	201.1	216.8	231.8	249.5	265.8	280.7	292.2	300.9	307.6
75°	217.5	239.1	263.8	288.2	311.2	332.3	352.9	377.9	398.3	413.6	425.8
72.5°	272.5	303.5	333.7	363.0	396.7	429.5	461.3	492.1	519.1	538.9	555.0
70°	331.9	367.9	409.6	451.8	492.4	533.6	577.4	617.4	650.5	673.8	696.1
67.5°	392.6	443.2	492.5	543.3	600.8	653.1	701.0	751.6	796.1	825.5	851.1
65°	462.5	519.1	585.1	652.4	715.4	780.8	841.4	896.2	952.4	993.3	1026.8
62.5°	530.1	609.8	687.5	766.2	845.5	916.6	995.7	1066.2	1122.8	1181.2	1231.3
60°	610.4	704.9	800.3	895.2	984.0	1083.9	1170.6	1252.5	1328.1	1393.2	1454.9
57.5°	690.4	812.5	925.3	1036.7	1154.1	1261.0	1362.9	1454.7	1545.0	1620.5	1694.4
55°	774.6	931.8	1062.0	1199.6	1328.8	1449.5	1564.0	1679.0	1775.2	1879.1	1969.5
52.5°	868.1	1047.7	1215.8	1367.4	1513.0	1652.2	1789.2	1927.6	2062.7	2170.4	2272.6
50°	955.5	1169.5	1371.8	1544.7	1712.1	1877.3	2048.5	2221.5	2370.5	2493.7	2600.1
47.5°	1051.6	1282.7	1539.7	1730.9	1931.8	2136.6	2344.4	2535.5	2697.8	2865.5	2982.9
45°	1145.4	1397.2	1676.0	1941.4	2173.8	2421.9	2650.8	2861.5	3096.8	3279.9	3436.9
42.5°	1230.9	1505.7	1816.1	2153.9	2444.4	2710.6	2958.4	3255.0	3525.2	3739.2	3935.1
40°	1318.9	1604.4	1943.4	2351.2	2714.3	2998.4	3300.0	3627.8	3979.5	4242.8	4477.0
37.5°	1399.3	1705.4	2059.9	2501.8	2980.0	3292.4	3625.8	3981.4	4382.4	4778.5	5060.0
35°	1470.5	1790.9	2175.5	2624.3	3113.9	3577.2	3929.9	4308.6	4747.5	5261.5	5645.8
32.5°	1535.1	1860.7	2267.2	2719.9	3216.5	3759.8	4207.2	4596.0	5036.4	5566.7	6219.4
30°	1587.7	1928.4	2335.5	2789.0	3287.0	3828.1	4396.3	4819.9	5237.8	5758.3	6365.7
27.5°	1627.7	1977.9	2382.6	2832.1	3324.7	3859.8	4406.3	4928.9	5333.5	5823.3	6375.7
25°	1658.3	2018.6	2407.5	2848.1	3330.2	3845.8	4371.8	4866.4	5320.5	5752.3	6248.0
22.5°	1683.7	2046.6	2434.8	2837.3	3305.1	3796.3	4291.0	4762.5	5202.1	5606.3	6032.8
20°	1702.8	2064.5	2448.6	2847.8	3262.9	3715.9	4189.0	4637.7	5062.3	5453.7	5800.8
17.5°	1711.4	2069.8	2448.6	2845.8	3255.8	3652.1	4063.9	4495.2	4912.7	5301.6	5644.4
15°	1709.8	2062.9	2435.1	2830.6	3234.5	3627.0	4006.4	4362.3	4751.0	5144.2	5485.7
12.5°	1698.5	2044.2	2408.6	2802.3	3199.8	3587.6	3960.2	4317.5	4666.1	4995.3	5322.0
10°	1677.9	2014.4	2369.6	2761.0	3151.9	3533.9	3901.8	4260.2	4605.2	4928.4	5232.6
7.5°	1656.7	1980.9	2322.8	2706.8	3090.7	3466.0	3830.5	4189.7	4527.9	4850.5	5157.6
5°	1628.8	1945.6	2287.1	2654.9	3025.0	3391.1	3747.9	4105.2	4434.4	4760.0	5068.3
2.5°	1593.3	1901.6	2242.1	2592.1	2951.5	3313.7	3658.5	4009.2	4346.7	4659.6	4963.4
0°	1550.9	1849.6	2187.7	2517.5	2865.5	3223.2	3554.8	3897.8	4249.0	4544.4	4841.4
-2.5°	1504.7	1787.3	2108.4	2436.6	2772.9	3123.8	3463.6	3788.9	4132.3	4430.9	4734.2
-5°	1452.9	1718.4	2020.9	2345.3	2669.4	3011.5	3357.7	3666.9	3995.0	4290.3	4588.6
-7.5°	1396.3	1644.1	1926.1	2242.8	2551.6	2874.2	3202.0	3499.6	3818.5	4110.5	4401.2
-10°	1336.5	1570.8	1834.0	2126.9	2418.0	2718.7	3026.7	3318.0	3624.7	3915.6	4195.2
-12.5°	1279.3	1498.5	1739.2	2005.5	2277.1	2554.9	2841.4	3122.6	3413.5	3705.8	3967.2
-15°	1219.3	1422.5	1641.1	1879.8	2129.9	2384.2	2647.3	2913.4	3186.5	3472.4	3713.9
-17.5°	1157.2	1343.6	1541.1	1751.4	1977.6	2207.9	2449.7	2706.6	2956.5	3216.9	3450.5
-20°	1093.7	1262.4	1440.2	1621.4	1822.4	2043.2	2269.5	2499.9	2727.0	2953.8	3173.2



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 CATALOG NUMBER: GFLD-SA3E-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°	1029.3	1179.4	1341.2	1500.7	1691.8	1891.2	2089.7	2289.8	2493.5	2688.8	2896.3
-25°	967.2	1102.3	1245.3	1400.3	1564.4	1740.1	1910.7	2079.8	2260.4	2443.5	2622.2
-27.5°	907.2	1026.5	1161.4	1299.7	1436.4	1592.8	1742.1	1885.4	2043.1	2204.5	2348.8
-30°	847.1	960.4	1078.5	1201.2	1321.5	1452.1	1581.2	1706.9	1835.3	1973.6	2098.6
-32.5°	791.4	894.8	1002.3	1109.8	1211.9	1313.3	1432.5	1544.2	1649.3	1747.8	1856.9
-35°	740.5	835.2	928.7	1021.4	1105.5	1194.6	1294.4	1388.5	1472.8	1551.9	1635.3
-37.5°	692.4	776.8	855.5	938.4	1013.1	1089.4	1162.8	1244.3	1312.7	1375.9	1444.3
-40°	644.2	719.7	790.6	859.8	928.3	992.0	1054.7	1110.1	1165.1	1225.9	1273.0
-42.5°	596.8	666.9	730.3	783.4	848.0	903.0	951.6	997.5	1042.5	1089.9	1127.6
-45°	554.9	614.6	672.5	723.4	771.8	818.6	859.9	896.0	938.5	971.4	999.9
-47.5°	512.7	564.4	617.3	664.3	704.8	742.8	773.5	809.7	844.6	872.8	889.5
-50°	471.2	518.4	563.2	607.0	643.7	674.2	700.7	730.5	759.5	783.5	799.3
-52.5°	432.8	472.3	513.8	551.1	584.9	612.2	637.5	663.4	684.7	701.2	721.9
-55°	394.9	431.4	466.0	499.5	528.4	553.4	578.2	601.2	619.4	633.6	650.8
-57.5°	359.4	392.3	422.5	450.6	476.5	498.0	522.1	541.8	558.8	572.1	589.8
-60°	324.8	354.1	381.7	406.1	427.5	448.7	468.3	486.4	501.2	514.4	530.6
-62.5°	290.4	316.9	341.6	364.1	383.5	401.1	418.8	434.2	446.6	460.3	473.7
-65°	258.1	280.5	302.2	322.6	341.0	357.7	372.3	384.8	396.4	408.5	419.3
-67.5°	226.0	246.8	265.0	281.3	298.2	314.4	327.9	339.4	349.1	359.0	368.1
-70°	197.2	213.8	230.4	245.0	257.9	271.4	284.6	295.4	304.0	311.8	319.2
-72.5°	168.9	183.6	197.3	209.9	221.6	232.5	242.8	252.6	260.7	266.7	272.0
-75°	142.0	153.4	165.2	176.3	185.8	194.2	202.2	210.0	216.6	221.8	226.0
-77.5°	116.2	125.8	134.9	143.4	150.3	156.9	163.1	168.8	173.8	177.8	180.7
-80°	91.2	98.2	105.6	112.5	117.8	122.3	126.3	129.6	133.4	137.2	140.5
-82.5°	67.9	72.9	77.8	82.5	86.2	89.3	92.0	94.6	97.4	99.8	102.0
-85°	44.7	47.6	50.6	53.5	56.3	58.7	60.9	62.7	64.1	65.4	66.4
-87.5°	22.3	23.8	25.1	26.4	27.7	29.0	30.2	31.3	32.1	32.7	33.2
-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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	25.6	25.6	25.6	25.5	25.3	24.3	23.1	21.9	20.6	21.2	21.8
85°	75.2	75.5	75.3	74.5	73.3	73.3	73.0	72.5	71.8	72.9	73.9
82.5°	141.6	142.7	142.8	142.1	140.7	141.3	141.6	141.3	140.5	141.4	142.1
80°	221.3	223.4	223.5	222.0	219.0	219.4	219.6	219.0	217.5	217.9	217.8
77.5°	315.2	320.1	321.8	321.1	318.1	317.2	315.1	310.8	304.5	304.4	304.5
75°	435.1	440.1	442.7	442.5	439.6	437.6	434.9	430.0	423.0	422.7	422.7
72.5°	567.4	574.7	577.9	580.9	580.9	579.8	576.2	568.9	558.0	556.7	558.1
70°	713.5	725.8	733.6	739.5	744.3	745.2	742.9	737.0	727.5	725.0	724.2
67.5°	876.2	895.8	910.7	920.6	929.9	936.6	939.1	936.5	928.8	926.2	927.3
65°	1058.5	1088.8	1113.8	1132.6	1145.2	1154.1	1161.8	1166.4	1167.6	1170.3	1173.9
62.5°	1271.5	1308.7	1343.5	1367.3	1379.5	1388.1	1413.1	1427.5	1431.6	1432.5	1438.1
60°	1509.3	1556.4	1599.8	1634.7	1662.9	1684.2	1705.6	1719.6	1724.9	1726.0	1733.6
57.5°	1769.4	1828.5	1879.4	1933.5	1971.2	1993.0	2021.4	2050.7	2066.0	2070.4	2088.4
55°	2057.1	2137.8	2203.8	2261.6	2314.3	2360.6	2399.7	2429.9	2452.2	2465.7	2489.6
52.5°	2375.3	2470.1	2539.1	2607.0	2682.5	2735.7	2770.5	2826.4	2866.8	2889.1	2917.5
50°	2724.7	2830.3	2924.3	2995.5	3083.3	3155.9	3208.9	3261.8	3298.9	3320.1	3347.6
47.5°	3122.3	3252.4	3361.5	3427.5	3529.4	3615.0	3649.5	3689.5	3759.3	3792.8	3822.3
45°	3570.1	3736.1	3857.3	3960.5	4048.1	4144.1	4207.0	4252.4	4321.2	4355.6	4377.4
42.5°	4102.9	4287.5	4447.2	4571.1	4644.8	4769.3	4860.2	4885.7	4983.0	5049.1	5068.5
40°	4700.5	4905.0	5115.7	5256.9	5375.5	5501.9	5651.8	5735.3	5817.6	5882.4	5897.0
37.5°	5323.1	5597.0	5837.4	6019.7	6215.7	6402.3	6561.2	6647.8	6701.8	6825.7	6871.9
35°	5956.1	6238.7	6575.4	6858.8	7096.4	7326.8	7508.0	7650.7	7786.6	7898.1	7964.9
32.5°	6495.1	6799.3	7215.0	7639.3	7895.8	8145.3	8442.9	8606.2	8787.5	8934.4	9041.7
30°	6938.1	7227.3	7605.8	8138.2	8489.4	8742.2	9119.0	9344.7	9542.2	9791.2	9877.8
27.5°	6959.1	7411.1	7745.8	8204.3	8731.4	8988.0	9266.8	9677.2	9801.7	10156.7	10207.8
25°	6776.4	7251.0	7594.9	7977.7	8415.9	8728.2	8982.8	9324.0	9502.7	9731.0	9906.4
22.5°	6490.7	6908.9	7259.8	7584.4	7926.3	8210.6	8443.4	8683.3	8879.3	9056.5	9221.0
20°	6175.1	6572.2	6904.9	7184.0	7455.0	7718.6	7928.0	8129.4	8299.0	8451.0	8544.7
17.5°	5952.9	6238.6	6578.6	6864.5	7099.5	7306.3	7522.9	7691.5	7840.2	7977.1	8062.7
15°	5801.2	6072.9	6314.9	6577.3	6824.9	7022.1	7185.2	7359.1	7487.7	7605.5	7698.2
12.5°	5643.7	5923.7	6177.0	6395.5	6589.3	6804.7	6979.0	7115.8	7250.7	7343.1	7438.5
10°	5512.2	5774.2	6036.8	6267.6	6471.5	6649.0	6814.0	6967.5	7088.5	7192.3	7267.3
7.5°	5435.9	5692.7	5928.8	6150.2	6349.0	6538.1	6708.4	6849.0	6969.0	7076.3	7154.9
5°	5347.4	5601.6	5837.3	6063.5	6254.5	6436.2	6605.7	6750.5	6874.6	6970.3	7045.6
2.5°	5245.9	5496.6	5731.8	5961.8	6152.6	6327.9	6488.3	6629.5	6758.8	6850.0	6914.1
0°	5130.3	5381.4	5611.1	5827.8	6019.8	6208.5	6356.2	6499.0	6625.4	6715.6	6779.6
-2.5°	5013.7	5263.2	5501.0	5708.6	5899.2	6073.5	6230.7	6365.5	6486.2	6576.1	6632.2
-5°	4858.6	5106.6	5341.4	5550.5	5749.6	5924.6	6077.4	6214.5	6330.8	6428.8	6504.9
-7.5°	4670.9	4921.7	5156.2	5369.7	5567.8	5733.2	5880.0	6018.1	6142.2	6249.3	6343.0
-10°	4464.5	4712.5	4934.1	5134.1	5318.7	5486.8	5642.9	5779.5	5893.2	5998.0	6077.0
-12.5°	4224.1	4453.8	4670.5	4867.7	5048.1	5216.4	5364.9	5494.9	5609.4	5702.4	5773.5
-15°	3958.9	4176.9	4382.1	4583.7	4772.6	4938.4	5069.0	5206.1	5305.3	5395.4	5459.5
-17.5°	3675.1	3885.8	4101.8	4303.8	4478.2	4641.8	4785.5	4910.7	5014.9	5097.6	5169.8
-20°	3387.5	3602.2	3809.9	4002.5	4170.3	4321.8	4467.4	4587.7	4694.4	4784.4	4869.1



REPORT NUMBER: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3098.7	3295.5	3490.6	3678.9	3837.6	3980.9	4108.3	4223.4	4317.7	4423.7	4498.5
-25°	2801.9	2974.5	3150.6	3317.0	3467.0	3607.8	3723.3	3824.2	3922.4	4024.8	4097.8
-27.5°	2503.7	2656.3	2799.4	2946.6	3078.0	3200.0	3307.2	3395.5	3490.9	3559.2	3639.5
-30°	2208.8	2347.3	2466.6	2569.1	2692.6	2797.3	2880.8	2968.4	3047.2	3112.5	3180.1
-32.5°	1959.2	2053.8	2149.1	2234.8	2317.0	2403.0	2470.2	2546.8	2600.8	2657.0	2711.7
-35°	1719.2	1792.1	1855.4	1935.5	1997.1	2044.0	2100.1	2156.2	2177.8	2239.0	2271.6
-37.5°	1501.9	1549.8	1608.8	1664.6	1710.4	1745.4	1795.3	1824.7	1840.2	1879.8	1901.0
-40°	1315.9	1346.1	1401.2	1439.4	1466.9	1492.3	1533.8	1552.9	1574.1	1593.8	1594.4
-42.5°	1152.3	1191.2	1228.6	1258.5	1275.9	1304.8	1324.4	1326.5	1353.9	1371.4	1374.2
-45°	1018.5	1058.0	1087.6	1109.6	1127.0	1151.9	1164.4	1171.5	1193.8	1205.7	1210.9
-47.5°	915.7	943.3	968.9	985.9	1008.7	1027.1	1036.3	1048.1	1065.2	1076.2	1084.0
-50°	825.3	847.2	866.7	882.2	904.9	921.4	930.2	944.6	957.4	965.3	971.4
-52.5°	745.8	765.3	778.9	794.0	812.8	827.4	838.6	852.9	863.6	870.5	875.9
-55°	671.4	689.8	703.0	719.4	732.9	742.6	752.2	766.2	776.7	783.8	788.4
-57.5°	605.7	619.5	632.5	647.4	660.2	670.8	679.4	687.1	694.0	699.8	704.3
-60°	544.3	555.5	567.3	579.0	588.7	596.3	605.5	612.5	617.0	619.7	623.5
-62.5°	485.2	495.3	505.7	515.2	522.8	529.3	536.7	542.5	546.6	549.5	551.7
-65°	429.0	437.7	446.6	454.4	461.0	466.6	471.8	475.9	478.8	481.3	483.2
-67.5°	376.4	383.3	389.5	394.9	399.9	404.6	409.2	412.3	414.0	416.0	418.0
-70°	325.6	331.1	335.2	338.5	341.4	345.2	349.6	352.7	354.5	356.4	358.3
-72.5°	276.6	280.6	284.0	286.7	288.3	290.7	293.7	296.2	298.1	299.6	300.3
-75°	229.3	232.6	235.6	237.7	238.9	240.7	242.2	243.0	243.1	243.8	244.2
-77.5°	183.1	186.4	189.2	191.2	192.4	193.8	194.9	195.5	195.7	195.7	195.3
-80°	143.0	145.2	147.0	148.4	149.4	150.3	150.9	151.0	150.7	151.0	151.1
-82.5°	103.9	105.9	107.5	108.7	109.5	110.5	111.3	111.8	112.2	112.3	112.2
-85°	67.3	68.2	69.0	69.8	70.5	71.0	71.2	71.3	71.1	71.2	71.1
-87.5°	33.6	33.2	32.7	32.1	31.3	31.5	31.6	31.7	31.7	32.0	32.3
-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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	22.4	22.9	21.3	19.7	21.3	22.9	22.4	21.8	21.2	20.6	21.9
85°	74.6	75.1	73.8	72.2	73.8	75.1	74.6	73.9	72.9	71.8	72.5
82.5°	142.3	142.0	141.0	139.5	141.0	142.0	142.3	142.1	141.4	140.5	141.3
80°	217.0	215.6	214.7	213.4	214.7	215.6	217.0	217.8	217.9	217.5	219.0
77.5°	303.7	302.1	304.8	306.9	304.8	302.1	303.7	304.5	304.4	304.5	310.8
75°	421.1	417.8	414.7	410.3	414.7	417.8	421.1	422.7	422.7	423.0	430.0
72.5°	557.4	554.9	552.3	548.1	552.3	554.9	557.4	558.1	556.7	558.0	568.9
70°	719.8	712.2	713.5	713.9	713.5	712.2	719.8	724.2	725.0	727.5	737.0
67.5°	924.3	917.3	918.2	917.4	918.2	917.3	924.3	927.3	926.2	928.8	936.5
65°	1171.7	1163.9	1154.5	1140.6	1154.5	1163.9	1171.7	1173.9	1170.3	1167.6	1166.4
62.5°	1437.4	1430.5	1434.5	1437.7	1434.5	1430.5	1437.4	1438.1	1432.5	1431.6	1427.5
60°	1732.4	1722.7	1717.9	1710.1	1717.9	1722.7	1732.4	1733.6	1726.0	1724.9	1719.6
57.5°	2096.7	2094.9	2090.6	2079.3	2090.6	2094.9	2096.7	2088.4	2070.4	2066.0	2050.7
55°	2500.8	2498.5	2507.8	2519.2	2507.8	2498.5	2500.8	2489.6	2465.7	2452.2	2429.9
52.5°	2938.5	2945.9	2943.2	2927.8	2943.2	2945.9	2938.5	2917.5	2889.1	2866.8	2826.4
50°	3371.9	3380.2	3389.0	3397.2	3389.0	3380.2	3371.9	3347.6	3320.1	3298.9	3261.8
47.5°	3863.0	3884.9	3888.7	3873.1	3888.7	3884.9	3863.0	3822.3	3792.8	3759.3	3689.5
45°	4421.0	4434.2	4440.9	4454.1	4440.9	4434.2	4421.0	4377.4	4355.6	4321.2	4252.4
42.5°	5124.5	5139.7	5142.1	5156.5	5142.1	5139.7	5124.5	5068.5	5049.1	4983.0	4885.7
40°	5959.5	5984.2	5980.0	5973.8	5980.0	5984.2	5959.5	5897.0	5882.4	5817.6	5735.3
37.5°	6937.0	6979.1	6983.5	7009.4	6983.5	6979.1	6937.0	6871.9	6825.7	6701.8	6647.8
35°	8034.0	8083.5	8075.0	8087.6	8075.0	8083.5	8034.0	7964.9	7898.1	7786.6	7650.7
32.5°	9140.6	9214.8	9229.7	9292.2	9229.7	9214.8	9140.6	9041.7	8934.4	8787.5	8606.2
30°	10010.0	10114.0	10182.0	10176.8	10182.0	10114.0	10010.0	9877.8	9791.2	9542.2	9344.7
27.5°	10370.1	10504.9	10631.1	10669.2	10631.1	10504.9	10370.1	10207.8	10156.7	9801.7	9677.2
25°	10018.7	10117.2	10228.7	10288.4	10228.7	10117.2	10018.7	9906.4	9731.0	9502.7	9324.0
22.5°	9296.7	9360.8	9398.8	9367.7	9398.8	9360.8	9296.7	9221.0	9056.5	8879.3	8683.3
20°	8641.5	8722.6	8737.7	8770.4	8737.7	8722.6	8641.5	8544.7	8451.0	8299.0	8129.4
17.5°	8153.9	8207.0	8238.2	8245.2	8238.2	8207.0	8153.9	8062.7	7977.1	7840.2	7691.5
15°	7771.7	7814.3	7842.2	7854.6	7842.2	7814.3	7771.7	7698.2	7605.5	7487.7	7359.1
12.5°	7500.9	7552.8	7578.2	7593.6	7578.2	7552.8	7500.9	7438.5	7343.1	7250.7	7115.8
10°	7327.3	7377.3	7397.5	7404.9	7397.5	7377.3	7327.3	7267.3	7192.3	7088.5	6967.5
7.5°	7202.5	7234.7	7248.2	7258.8	7248.2	7234.7	7202.5	7154.9	7076.3	6969.0	6849.0
5°	7101.9	7127.5	7141.9	7157.1	7141.9	7127.5	7101.9	7045.6	6970.3	6874.6	6750.5
2.5°	6965.0	7001.6	7026.9	7042.2	7026.9	7001.6	6965.0	6914.1	6850.0	6758.8	6629.5
0°	6830.5	6865.0	6883.0	6912.6	6883.0	6865.0	6830.5	6779.6	6715.6	6625.4	6499.0
-2.5°	6682.6	6722.6	6770.0	6815.7	6770.0	6722.6	6682.6	6632.2	6576.1	6486.2	6365.5
-5°	6569.5	6622.2	6632.1	6661.5	6632.1	6622.2	6569.5	6504.9	6428.8	6330.8	6214.5
-7.5°	6398.9	6422.9	6463.8	6471.1	6463.8	6422.9	6398.9	6343.0	6249.3	6142.2	6018.1
-10°	6136.0	6175.1	6200.6	6226.6	6200.6	6175.1	6136.0	6077.0	5998.0	5893.2	5779.5
-12.5°	5827.0	5873.0	5914.0	5908.2	5914.0	5873.0	5827.0	5773.5	5702.4	5609.4	5494.9
-15°	5526.0	5570.4	5598.5	5594.7	5598.5	5570.4	5526.0	5459.5	5395.4	5305.3	5206.1
-17.5°	5227.2	5267.7	5308.5	5307.5	5308.5	5267.7	5227.2	5169.8	5097.6	5014.9	4910.7
-20°	4918.7	4953.3	4997.0	5015.4	4997.0	4953.3	4918.7	4869.1	4784.4	4694.4	4587.7



REPORT NUMBER: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	4562.0	4606.3	4638.1	4657.6	4638.1	4606.3	4562.0	4498.5	4423.7	4317.7	4223.4
-25°	4146.2	4191.7	4215.8	4224.3	4215.8	4191.7	4146.2	4097.8	4024.8	3922.4	3824.2
-27.5°	3686.8	3737.8	3762.6	3750.0	3762.6	3737.8	3686.8	3639.5	3559.2	3490.9	3395.5
-30°	3215.7	3248.4	3252.2	3280.7	3252.2	3248.4	3215.7	3180.1	3112.5	3047.2	2968.4
-32.5°	2750.8	2772.8	2760.3	2762.1	2760.3	2772.8	2750.8	2711.7	2657.0	2600.8	2546.8
-35°	2291.9	2309.4	2312.9	2345.2	2312.9	2309.4	2291.9	2271.6	2239.0	2177.8	2156.2
-37.5°	1922.9	1930.0	1919.2	1903.7	1919.2	1930.0	1922.9	1901.0	1879.8	1840.2	1824.7
-40°	1610.0	1615.5	1611.4	1603.4	1611.4	1615.5	1610.0	1594.4	1593.8	1574.1	1552.9
-42.5°	1384.9	1384.9	1381.2	1380.2	1381.2	1384.9	1384.9	1374.2	1371.4	1353.9	1326.5
-45°	1218.5	1220.3	1220.0	1219.4	1220.0	1220.3	1218.5	1210.9	1205.7	1193.8	1171.5
-47.5°	1089.5	1089.8	1088.1	1084.8	1088.1	1089.8	1089.5	1084.0	1076.2	1065.2	1048.1
-50°	975.2	975.2	977.5	981.4	977.5	975.2	975.2	971.4	965.3	957.4	944.6
-52.5°	878.8	878.5	879.8	881.3	879.8	878.5	878.8	875.9	870.5	863.6	852.9
-55°	790.5	790.0	788.8	786.1	788.8	790.0	790.5	788.4	783.8	776.7	766.2
-57.5°	706.0	705.0	702.9	699.1	702.9	705.0	706.0	704.3	699.8	694.0	687.1
-60°	625.6	625.9	624.9	622.0	624.9	625.9	625.6	623.5	619.7	617.0	612.5
-62.5°	552.2	551.1	550.9	549.8	550.9	551.1	552.2	551.7	549.5	546.6	542.5
-65°	483.5	482.3	482.7	482.5	482.7	482.3	483.5	483.2	481.3	478.8	475.9
-67.5°	418.8	418.4	418.8	418.5	418.8	418.4	418.8	418.0	416.0	414.0	412.3
-70°	359.3	359.4	357.5	354.5	357.5	359.4	359.3	358.3	356.4	354.5	352.7
-72.5°	300.1	299.0	299.2	298.7	299.2	299.0	300.1	300.3	299.6	298.1	296.2
-75°	244.1	243.5	245.0	246.2	245.0	243.5	244.1	244.2	243.8	243.1	243.0
-77.5°	194.4	193.0	194.3	195.3	194.3	193.0	194.4	195.3	195.7	195.7	195.5
-80°	150.9	150.4	150.0	149.3	150.0	150.4	150.9	151.1	151.0	150.7	151.0
-82.5°	111.8	111.2	110.7	110.0	110.7	111.2	111.8	112.2	112.3	112.2	111.8
-85°	70.8	70.3	71.3	72.2	71.3	70.3	70.8	71.1	71.2	71.1	71.3
-87.5°	32.5	32.7	32.0	31.2	32.0	32.7	32.5	32.3	32.0	31.7	31.7
-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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	23.1	24.3	25.3	25.5	25.6	25.6	25.6	25.4	25.2	24.8	24.4
85°	73.0	73.3	73.3	74.5	75.3	75.5	75.2	73.9	72.2	69.9	67.1
82.5°	141.6	141.3	140.7	142.1	142.8	142.7	141.6	138.8	135.2	130.7	125.4
80°	219.6	219.4	219.0	222.0	223.5	223.4	221.3	216.3	209.8	203.0	196.2
77.5°	315.1	317.2	318.1	321.1	321.8	320.1	315.2	307.6	300.9	292.2	280.7
75°	434.9	437.6	439.6	442.5	442.7	440.1	435.1	425.8	413.6	398.3	377.9
72.5°	576.2	579.8	580.9	580.9	577.9	574.7	567.4	555.0	538.9	519.1	492.1
70°	742.9	745.2	744.3	739.5	733.6	725.8	713.5	696.1	673.8	650.5	617.4
67.5°	939.1	936.6	929.9	920.6	910.7	895.8	876.2	851.1	825.5	796.1	751.6
65°	1161.8	1154.1	1145.2	1132.6	1113.8	1088.8	1058.5	1026.8	993.3	952.4	896.2
62.5°	1413.1	1388.1	1379.5	1367.3	1343.5	1308.7	1271.5	1231.3	1181.2	1122.8	1066.2
60°	1705.6	1684.2	1662.9	1634.7	1599.8	1556.4	1509.3	1454.9	1393.2	1328.1	1252.5
57.5°	2021.4	1993.0	1971.2	1933.5	1879.4	1828.5	1769.4	1694.4	1620.5	1545.0	1454.7
55°	2399.7	2360.6	2314.3	2261.6	2203.8	2137.8	2057.1	1969.5	1879.1	1775.2	1679.0
52.5°	2770.5	2735.7	2682.5	2607.0	2539.1	2470.1	2375.3	2272.6	2170.4	2062.7	1927.6
50°	3208.9	3155.9	3083.3	2995.5	2924.3	2830.3	2724.7	2600.1	2493.7	2370.5	2221.5
47.5°	3649.5	3615.0	3529.4	3427.5	3361.5	3252.4	3122.3	2982.9	2865.5	2697.8	2535.5
45°	4207.0	4144.1	4048.1	3960.5	3857.3	3736.1	3570.1	3436.9	3279.9	3096.8	2861.5
42.5°	4860.2	4769.3	4644.8	4571.1	4447.2	4287.5	4102.9	3935.1	3739.2	3525.2	3255.0
40°	5651.8	5501.9	5375.5	5256.9	5115.7	4905.0	4700.5	4477.0	4242.8	3979.5	3627.8
37.5°	6561.2	6402.3	6215.7	6019.7	5837.4	5597.0	5323.1	5060.0	4778.5	4382.4	3981.4
35°	7508.0	7326.8	7096.4	6858.8	6575.4	6238.7	5956.1	5645.8	5261.5	4747.5	4308.6
32.5°	8442.9	8145.3	7895.8	7639.3	7215.0	6799.3	6495.1	6219.4	5566.7	5036.4	4596.0
30°	9119.0	8742.2	8489.4	8138.2	7605.8	7227.3	6938.1	6365.7	5758.3	5237.8	4819.9
27.5°	9266.8	8988.0	8731.4	8204.3	7745.8	7411.1	6959.1	6375.7	5823.3	5333.5	4928.9
25°	8982.8	8728.2	8415.9	7977.7	7594.9	7251.0	6776.4	6248.0	5752.3	5320.5	4866.4
22.5°	8443.4	8210.6	7926.3	7584.4	7259.8	6908.9	6490.7	6032.8	5606.3	5202.1	4762.5
20°	7928.0	7718.6	7455.0	7184.0	6904.9	6572.2	6175.1	5800.8	5453.7	5062.3	4637.7
17.5°	7522.9	7306.3	7099.5	6864.5	6578.6	6238.6	5952.9	5644.4	5301.6	4912.7	4495.2
15°	7185.2	7022.1	6824.9	6577.3	6314.9	6072.9	5801.2	5485.7	5144.2	4751.0	4362.3
12.5°	6979.0	6804.7	6589.3	6395.5	6177.0	5923.7	5643.7	5322.0	4995.3	4666.1	4317.5
10°	6814.0	6649.0	6471.5	6267.6	6036.8	5774.2	5512.2	5232.6	4928.4	4605.2	4260.2
7.5°	6708.4	6538.1	6349.0	6150.2	5928.8	5692.7	5435.9	5157.6	4850.5	4527.9	4189.7
5°	6605.7	6436.2	6254.5	6063.5	5837.3	5601.6	5347.4	5068.3	4760.0	4434.4	4105.2
2.5°	6488.3	6327.9	6152.6	5961.8	5731.8	5496.6	5245.9	4963.4	4659.6	4346.7	4009.2
0°	6356.2	6208.5	6019.8	5827.8	5611.1	5381.4	5130.3	4841.4	4544.4	4249.0	3897.8
-2.5°	6230.7	6073.5	5899.2	5708.6	5501.0	5263.2	5013.7	4734.2	4430.9	4132.3	3788.9
-5°	6077.4	5924.6	5749.6	5550.5	5341.4	5106.6	4858.6	4588.6	4290.3	3995.0	3666.9
-7.5°	5880.0	5733.2	5567.8	5369.7	5156.2	4921.7	4670.9	4401.2	4110.5	3818.5	3499.6
-10°	5642.9	5486.8	5318.7	5134.1	4934.1	4712.5	4464.5	4195.2	3915.6	3624.7	3318.0
-12.5°	5364.9	5216.4	5048.1	4867.7	4670.5	4453.8	4224.1	3967.2	3705.8	3413.5	3122.6
-15°	5069.0	4938.4	4772.6	4583.7	4382.1	4176.9	3958.9	3713.9	3472.4	3186.5	2913.4
-17.5°	4785.5	4641.8	4478.2	4303.8	4101.8	3885.8	3675.1	3450.5	3216.9	2956.5	2706.6
-20°	4467.4	4321.8	4170.3	4002.5	3809.9	3602.2	3387.5	3173.2	2953.8	2727.0	2499.9



REPORT NUMBER: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	4108.3	3980.9	3837.6	3678.9	3490.6	3295.5	3098.7	2896.3	2688.8	2493.5	2289.8
-25°	3723.3	3607.8	3467.0	3317.0	3150.6	2974.5	2801.9	2622.2	2443.5	2260.4	2079.8
-27.5°	3307.2	3200.0	3078.0	2946.6	2799.4	2656.3	2503.7	2348.8	2204.5	2043.1	1885.4
-30°	2880.8	2797.3	2692.6	2569.1	2466.6	2347.3	2208.8	2098.6	1973.6	1835.3	1706.9
-32.5°	2470.2	2403.0	2317.0	2234.8	2149.1	2053.8	1959.2	1856.9	1747.8	1649.3	1544.2
-35°	2100.1	2044.0	1997.1	1935.5	1855.4	1792.1	1719.2	1635.3	1551.9	1472.8	1388.5
-37.5°	1795.3	1745.4	1710.4	1664.6	1608.8	1549.8	1501.9	1444.3	1375.9	1312.7	1244.3
-40°	1533.8	1492.3	1466.9	1439.4	1401.2	1346.1	1315.9	1273.0	1225.9	1165.1	1110.1
-42.5°	1324.4	1304.8	1275.9	1258.5	1228.6	1191.2	1152.3	1127.6	1089.9	1042.5	997.5
-45°	1164.4	1151.9	1127.0	1109.6	1087.6	1058.0	1018.5	999.9	971.4	938.5	896.0
-47.5°	1036.3	1027.1	1008.7	985.9	968.9	943.3	915.7	889.5	872.8	844.6	809.7
-50°	930.2	921.4	904.9	882.2	866.7	847.2	825.3	799.3	783.5	759.5	730.5
-52.5°	838.6	827.4	812.8	794.0	778.9	765.3	745.8	721.9	701.2	684.7	663.4
-55°	752.2	742.6	732.9	719.4	703.0	689.8	671.4	650.8	633.6	619.4	601.2
-57.5°	679.4	670.8	660.2	647.4	632.5	619.5	605.7	589.8	572.1	558.8	541.8
-60°	605.5	596.3	588.7	579.0	567.3	555.5	544.3	530.6	514.4	501.2	486.4
-62.5°	536.7	529.3	522.8	515.2	505.7	495.3	485.2	473.7	460.3	446.6	434.2
-65°	471.8	466.6	461.0	454.4	446.6	437.7	429.0	419.3	408.5	396.4	384.8
-67.5°	409.2	404.6	399.9	394.9	389.5	383.3	376.4	368.1	359.0	349.1	339.4
-70°	349.6	345.2	341.4	338.5	335.2	331.1	325.6	319.2	311.8	304.0	295.4
-72.5°	293.7	290.7	288.3	286.7	284.0	280.6	276.6	272.0	266.7	260.7	252.6
-75°	242.2	240.7	238.9	237.7	235.6	232.6	229.3	226.0	221.8	216.6	210.0
-77.5°	194.9	193.8	192.4	191.2	189.2	186.4	183.1	180.7	177.8	173.8	168.8
-80°	150.9	150.3	149.4	148.4	147.0	145.2	143.0	140.5	137.2	133.4	129.6
-82.5°	111.3	110.5	109.5	108.7	107.5	105.9	103.9	102.0	99.8	97.4	94.6
-85°	71.2	71.0	70.5	69.8	69.0	68.2	67.3	66.4	65.4	64.1	62.7
-87.5°	31.6	31.5	31.3	32.1	32.7	33.2	33.6	33.2	32.7	32.1	31.3
-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: P558866 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	23.9	23.2	22.5	21.6	21.1	20.5	19.7	18.7	17.1	15.4	13.7
85°	63.7	59.7	55.3	50.5	45.9	41.0	39.4	37.4	34.2	30.9	27.4
82.5°	118.8	113.0	107.0	100.3	93.0	85.2	77.0	68.2	57.5	47.2	41.0
80°	187.5	177.9	167.3	155.8	143.0	129.3	118.1	105.8	90.6	76.0	61.9
77.5°	265.8	249.5	231.8	216.8	201.1	184.2	166.0	145.5	123.5	104.5	86.3
75°	352.9	332.3	311.2	288.2	263.8	239.1	217.5	192.4	162.6	133.4	110.3
72.5°	461.3	429.5	396.7	363.0	333.7	303.5	272.5	238.6	203.5	169.2	135.8
70°	577.4	533.6	492.4	451.8	409.6	367.9	331.9	289.9	243.8	204.4	166.1
67.5°	701.0	653.1	600.8	543.3	492.5	443.2	392.6	341.7	290.1	239.0	195.7
65°	841.4	780.8	715.4	652.4	585.1	519.1	462.5	395.4	335.5	279.0	224.7
62.5°	995.7	916.6	845.5	766.2	687.5	609.8	530.1	454.5	381.3	318.0	256.9
60°	1170.6	1083.9	984.0	895.2	800.3	704.9	610.4	511.7	431.9	356.1	290.0
57.5°	1362.9	1261.0	1154.1	1036.7	925.3	812.5	690.4	577.0	480.5	397.4	321.7
55°	1564.0	1449.5	1328.8	1199.6	1062.0	931.8	774.6	643.9	529.8	438.3	351.2
52.5°	1789.2	1652.2	1513.0	1367.4	1215.8	1047.7	868.1	707.0	585.0	477.4	382.6
50°	2048.5	1877.3	1712.1	1544.7	1371.8	1169.5	955.5	782.4	636.8	516.8	412.4
47.5°	2344.4	2136.6	1931.8	1730.9	1539.7	1282.7	1051.6	854.3	685.0	558.8	440.2
45°	2650.8	2421.9	2173.8	1941.4	1676.0	1397.2	1145.4	920.5	743.3	595.4	465.8
42.5°	2958.4	2710.6	2444.4	2153.9	1816.1	1505.7	1230.9	995.0	797.1	629.1	492.6
40°	3300.0	2998.4	2714.3	2351.2	1943.4	1604.4	1318.9	1064.8	845.4	663.0	519.5
37.5°	3625.8	3292.4	2980.0	2501.8	2059.9	1705.4	1399.3	1127.2	889.6	699.6	543.9
35°	3929.9	3577.2	3113.9	2624.3	2175.5	1790.9	1470.5	1186.1	936.6	731.9	565.8
32.5°	4207.2	3759.8	3216.5	2719.9	2267.2	1860.7	1535.1	1238.6	976.9	759.7	585.2
30°	4396.3	3828.1	3287.0	2789.0	2335.5	1928.4	1587.7	1282.1	1010.3	783.2	603.2
27.5°	4406.3	3859.8	3324.7	2832.1	2382.6	1977.9	1627.7	1316.6	1037.0	805.1	621.9
25°	4371.8	3845.8	3330.2	2848.1	2407.5	2018.6	1658.3	1342.6	1061.6	826.3	637.1
22.5°	4291.0	3796.3	3305.1	2837.3	2434.8	2046.6	1683.7	1364.7	1081.4	842.3	649.0
20°	4189.0	3715.9	3262.9	2847.8	2448.6	2064.5	1702.8	1379.1	1094.2	853.2	657.6
17.5°	4063.9	3652.1	3255.8	2845.8	2448.6	2069.8	1711.4	1385.7	1100.3	859.2	662.9
15°	4006.4	3627.0	3234.5	2830.6	2435.1	2062.9	1709.8	1384.8	1099.9	860.4	666.7
12.5°	3960.2	3587.6	3199.8	2802.3	2408.6	2044.2	1698.5	1376.6	1093.3	860.4	669.4
10°	3901.8	3533.9	3151.9	2761.0	2369.6	2014.4	1677.9	1364.1	1090.0	859.0	669.6
7.5°	3830.5	3466.0	3090.7	2706.8	2322.8	1980.9	1656.7	1350.1	1083.1	853.9	667.3
5°	3747.9	3391.1	3025.0	2654.9	2287.1	1945.6	1628.8	1329.4	1071.6	845.4	662.6
2.5°	3658.5	3313.7	2951.5	2592.1	2242.1	1901.6	1593.3	1302.6	1055.7	833.6	655.7
0°	3554.8	3223.2	2865.5	2517.5	2187.7	1849.6	1550.9	1270.3	1035.6	818.9	646.6
-2.5°	3463.6	3123.8	2772.9	2436.6	2108.4	1787.3	1504.7	1237.8	1013.3	804.4	637.1
-5°	3357.7	3011.5	2669.4	2345.3	2020.9	1718.4	1452.9	1201.0	987.4	787.4	625.7
-7.5°	3202.0	2874.2	2551.6	2242.8	1926.1	1644.1	1396.3	1160.5	958.4	768.0	612.7
-10°	3026.7	2718.7	2418.0	2126.9	1834.0	1570.8	1336.5	1116.9	926.5	746.5	598.0
-12.5°	2841.4	2554.9	2277.1	2005.5	1739.2	1498.5	1279.3	1074.0	892.4	723.1	581.8
-15°	2647.3	2384.2	2129.9	1879.8	1641.1	1422.5	1219.3	1030.3	859.0	699.0	564.4
-17.5°	2449.7	2207.9	1977.6	1751.4	1541.1	1343.6	1157.2	984.3	823.6	675.0	546.9
-20°	2269.5	2043.2	1822.4	1621.4	1440.2	1262.4	1093.7	936.5	786.7	649.7	529.2



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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°	2089.7	1891.2	1691.8	1500.7	1341.2	1179.4	1029.3	887.1	748.6	623.2	510.3
-25°	1910.7	1740.1	1564.4	1400.3	1245.3	1102.3	967.2	836.6	709.5	595.8	490.2
-27.5°	1742.1	1592.8	1436.4	1299.7	1161.4	1026.5	907.2	788.7	671.6	567.7	469.0
-30°	1581.2	1452.1	1321.5	1201.2	1078.5	960.4	847.1	740.9	637.0	540.4	446.9
-32.5°	1432.5	1313.3	1211.9	1109.8	1002.3	894.8	791.4	693.4	602.3	513.3	426.3
-35°	1294.4	1194.6	1105.5	1021.4	928.7	835.2	740.5	646.3	567.6	485.3	405.9
-37.5°	1162.8	1089.4	1013.1	938.4	855.5	776.8	692.4	607.4	533.0	456.7	385.1
-40°	1054.7	992.0	928.3	859.8	790.6	719.7	644.2	570.6	499.3	427.4	364.0
-42.5°	951.6	903.0	848.0	783.4	730.3	666.9	596.8	533.1	466.7	401.0	342.6
-45°	859.9	818.6	771.8	723.4	672.5	614.6	554.9	495.4	434.1	376.3	321.9
-47.5°	773.5	742.8	704.8	664.3	617.3	564.4	512.7	459.3	401.5	351.5	302.0
-50°	700.7	674.2	643.7	607.0	563.2	518.4	471.2	423.4	374.2	327.1	281.8
-52.5°	637.5	612.2	584.9	551.1	513.8	472.3	432.8	388.2	346.3	303.4	261.2
-55°	578.2	553.4	528.4	499.5	466.0	431.4	394.9	357.0	317.9	279.8	240.5
-57.5°	522.1	498.0	476.5	450.6	422.5	392.3	359.4	325.4	290.8	255.9	222.1
-60°	468.3	448.7	427.5	406.1	381.7	354.1	324.8	294.2	263.8	232.2	203.5
-62.5°	418.8	401.1	383.5	364.1	341.6	316.9	290.4	264.4	236.6	210.9	184.6
-65°	372.3	357.7	341.0	322.6	302.2	280.5	258.1	234.4	212.0	189.4	165.6
-67.5°	327.9	314.4	298.2	281.3	265.0	246.8	226.0	207.0	187.9	167.6	146.9
-70°	284.6	271.4	257.9	245.0	230.4	213.8	197.2	180.5	163.6	146.7	128.0
-72.5°	242.8	232.5	221.6	209.9	197.3	183.6	168.9	154.5	140.9	125.8	109.1
-75°	202.2	194.2	185.8	176.3	165.2	153.4	142.0	130.3	118.3	104.8	92.3
-77.5°	163.1	156.9	150.3	143.4	134.9	125.8	116.2	106.1	96.3	86.6	76.2
-80°	126.3	122.3	117.8	112.5	105.6	98.2	91.2	84.1	76.6	68.6	60.0
-82.5°	92.0	89.3	86.2	82.5	77.8	72.9	67.9	62.7	56.8	50.5	44.3
-85°	60.9	58.7	56.3	53.5	50.6	47.6	44.7	41.5	37.6	33.6	29.6
-87.5°	30.2	29.0	27.7	26.4	25.1	23.8	22.3	20.8	18.8	16.8	14.8
-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°	11.9	10.0	8.1	6.2	4.1	2.0	0.0
85°	23.8	20.1	16.2	12.3	8.3	4.1	0.0
82.5°	35.6	30.1	24.3	18.4	12.4	6.1	0.0
80°	48.5	40.0	32.4	24.5	16.5	8.1	0.0
77.5°	68.8	52.2	40.4	30.6	20.6	10.1	0.0
75°	88.9	68.4	49.1	36.6	24.6	12.1	0.0
72.5°	108.7	84.4	61.5	42.5	28.5	14.1	0.0
70°	128.8	100.1	73.7	48.9	32.5	16.0	0.0
67.5°	153.4	115.4	85.6	57.6	36.3	17.9	0.0
65°	177.3	132.5	97.2	66.1	40.1	19.7	0.0
62.5°	200.5	151.0	108.6	74.4	43.7	21.6	0.0
60°	222.8	169.0	119.6	82.4	47.3	23.3	0.0
57.5°	248.0	186.2	132.8	90.3	52.4	25.1	0.0
55°	272.4	202.7	145.6	97.8	57.3	26.8	0.0
52.5°	295.6	218.9	157.9	105.1	62.1	28.4	0.0
50°	317.4	236.7	169.6	112.0	66.7	30.0	0.0
47.5°	338.2	253.3	180.6	119.0	71.2	31.5	0.0
45°	359.9	268.9	191.0	126.8	75.4	32.9	0.0
42.5°	379.9	283.3	200.7	134.1	79.5	34.3	0.0
40°	398.2	296.6	210.6	141.1	83.3	35.6	0.0
37.5°	414.6	308.6	220.5	147.7	87.0	36.9	0.0
35°	429.3	320.6	229.5	153.8	90.4	38.1	0.0
32.5°	443.4	331.9	237.6	159.6	93.6	39.2	0.0
30°	458.5	341.8	244.9	164.9	96.6	40.2	0.0
27.5°	471.6	350.3	251.8	169.7	99.3	41.1	0.0
25°	482.6	357.5	257.8	174.1	101.8	42.0	0.0
22.5°	491.6	363.8	263.1	178.0	104.1	42.8	0.0
20°	498.6	370.0	267.4	181.4	106.1	43.5	0.0
17.5°	504.9	375.1	271.0	184.4	107.9	44.1	0.0
15°	510.0	379.1	273.7	186.9	109.4	44.6	0.0
12.5°	513.1	382.1	275.6	188.9	110.7	45.1	0.0
10°	514.4	384.0	276.8	190.5	111.7	45.4	0.0
7.5°	513.8	384.7	277.2	191.6	112.5	45.7	0.0
5°	511.5	384.4	276.8	192.2	113.0	45.9	0.0
2.5°	507.6	383.1	275.8	192.3	113.2	46.0	0.0
0°	502.2	380.7	274.1	192.0	113.2	46.0	0.0
-2.5°	496.4	377.1	272.8	191.1	112.9	46.1	0.0
-5°	489.3	372.5	270.8	189.8	112.4	46.0	0.0
-7.5°	480.9	367.1	268.2	188.1	111.6	45.9	0.0
-10°	471.2	360.7	265.1	185.9	110.6	45.7	0.0
-12.5°	460.4	353.6	261.3	183.3	109.4	45.4	0.0
-15°	448.5	345.8	256.9	180.3	107.9	45.0	0.0
-17.5°	435.5	337.3	252.0	177.0	106.2	44.6	0.0
-20°	422.1	328.2	246.5	173.2	104.3	44.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	408.6	318.6	240.4	169.1	102.2	43.4	0.0
-25°	394.3	309.0	233.8	164.7	99.9	42.6	0.0
-27.5°	379.3	299.0	226.7	159.9	97.4	41.8	0.0
-30°	363.6	288.4	219.1	154.8	94.6	40.9	0.0
-32.5°	347.4	277.1	211.3	149.4	91.8	39.9	0.0
-35°	332.2	265.3	203.0	143.7	88.7	38.8	0.0
-37.5°	317.1	253.4	194.3	137.7	85.5	37.7	0.0
-40°	301.5	242.0	185.3	131.5	82.1	36.4	0.0
-42.5°	285.4	230.1	176.3	125.0	78.6	35.1	0.0
-45°	268.8	217.9	167.4	118.4	74.9	33.7	0.0
-47.5°	251.8	205.4	158.1	111.4	71.1	32.3	0.0
-50°	236.2	192.5	148.6	105.2	67.1	30.8	0.0
-52.5°	220.6	179.4	138.7	99.1	63.1	29.2	0.0
-55°	204.8	166.7	128.6	92.8	58.9	27.5	0.0
-57.5°	188.7	153.8	118.2	86.4	54.6	25.8	0.0
-60°	172.5	140.7	107.7	79.8	50.2	24.1	0.0
-62.5°	156.6	127.3	98.8	73.0	46.5	22.2	0.0
-65°	140.5	113.7	89.7	66.1	42.6	20.4	0.0
-67.5°	124.1	101.0	80.4	59.1	38.6	18.5	0.0
-70°	107.6	89.4	71.0	51.9	34.6	16.5	0.0
-72.5°	93.3	77.7	61.5	45.5	30.4	14.5	0.0
-75°	79.3	65.8	51.9	39.1	26.2	12.5	0.0
-77.5°	65.2	53.9	43.2	32.7	22.0	10.5	0.0
-80°	50.9	42.8	34.6	26.2	17.6	8.4	0.0
-82.5°	38.1	32.1	26.0	19.7	13.3	6.3	0.0
-85°	25.4	21.5	17.4	13.2	8.9	4.2	0.0
-87.5°	12.7	10.7	8.7	6.6	4.4	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)