

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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559042 (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-SA5C-927-U-WAF-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

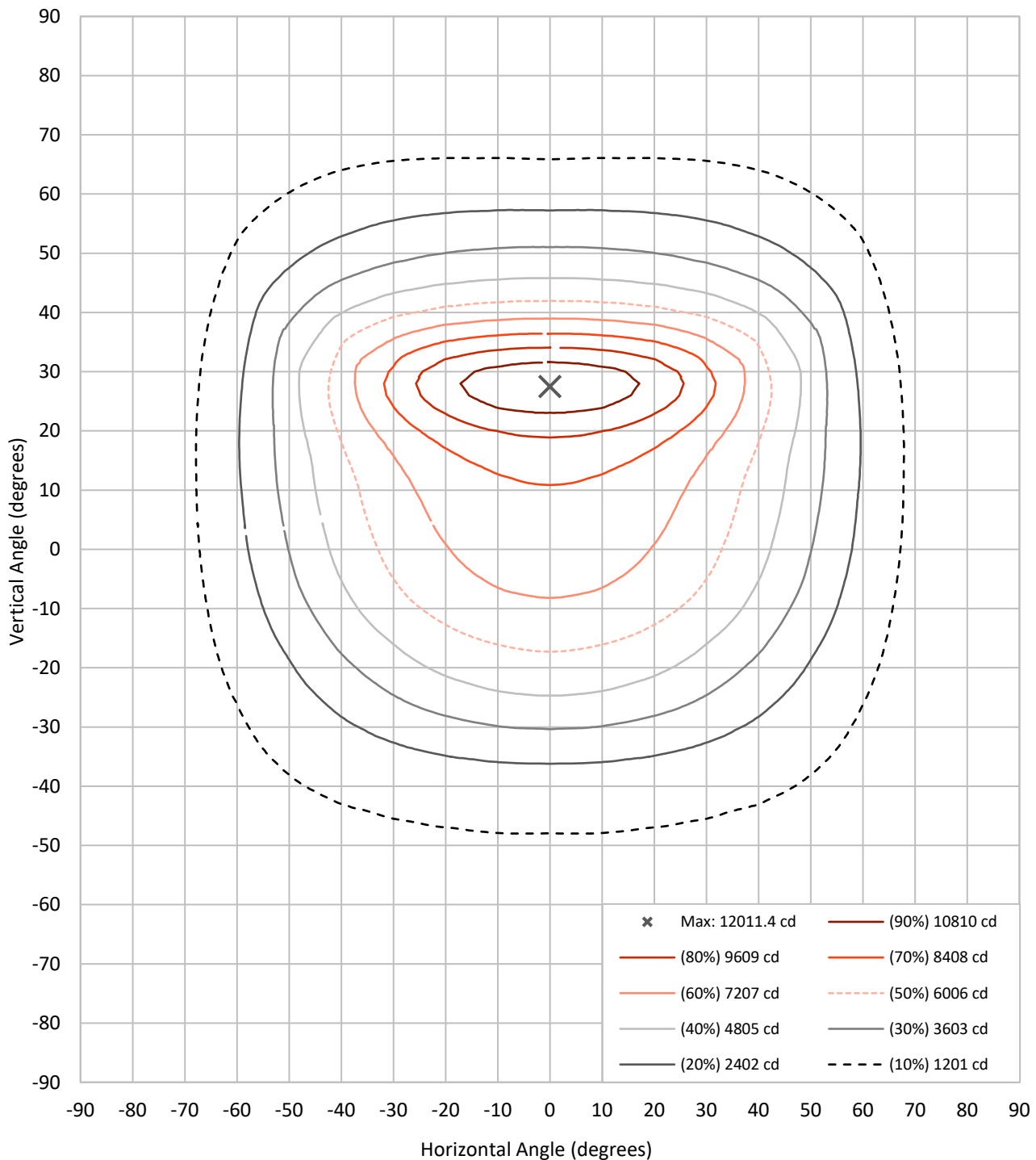
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	17510.5 lumens	Max Intensity:	12011.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	87.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	9100.3 lumens	Field Lumens:	16198.8 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%

Input Watts (W): 201  
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



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

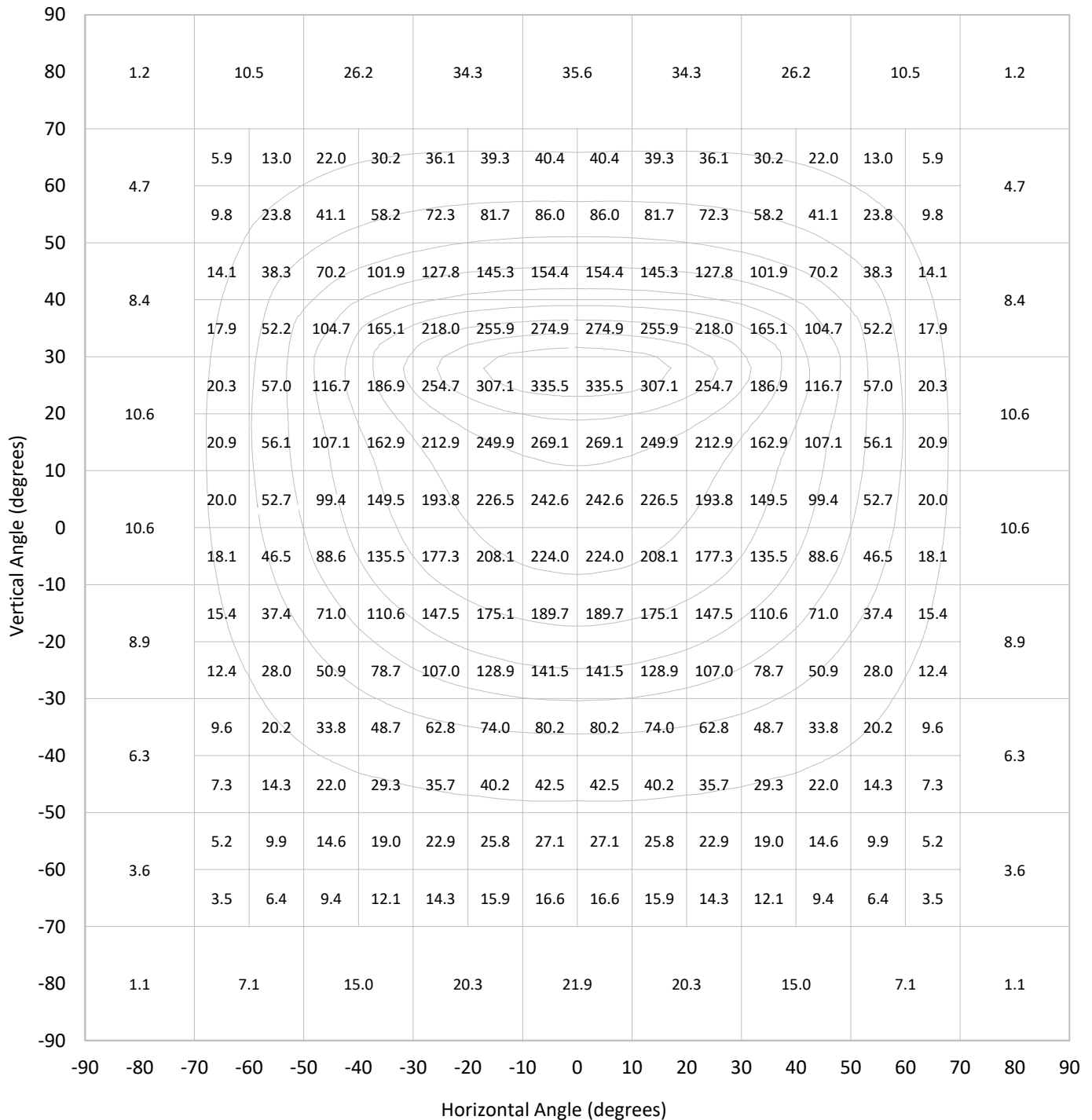
### Iso-Candela Plot





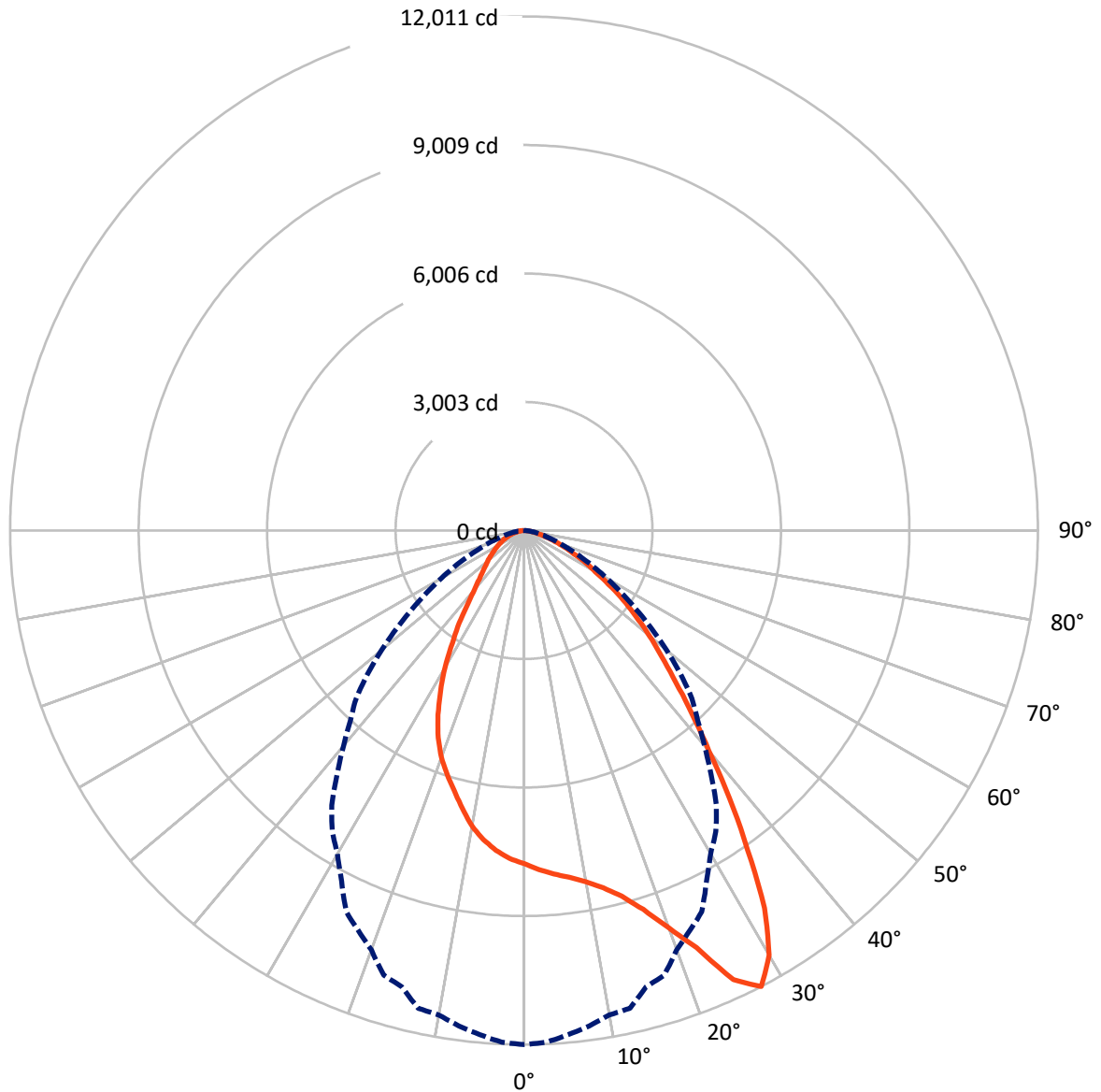
REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

### Lumen Table



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

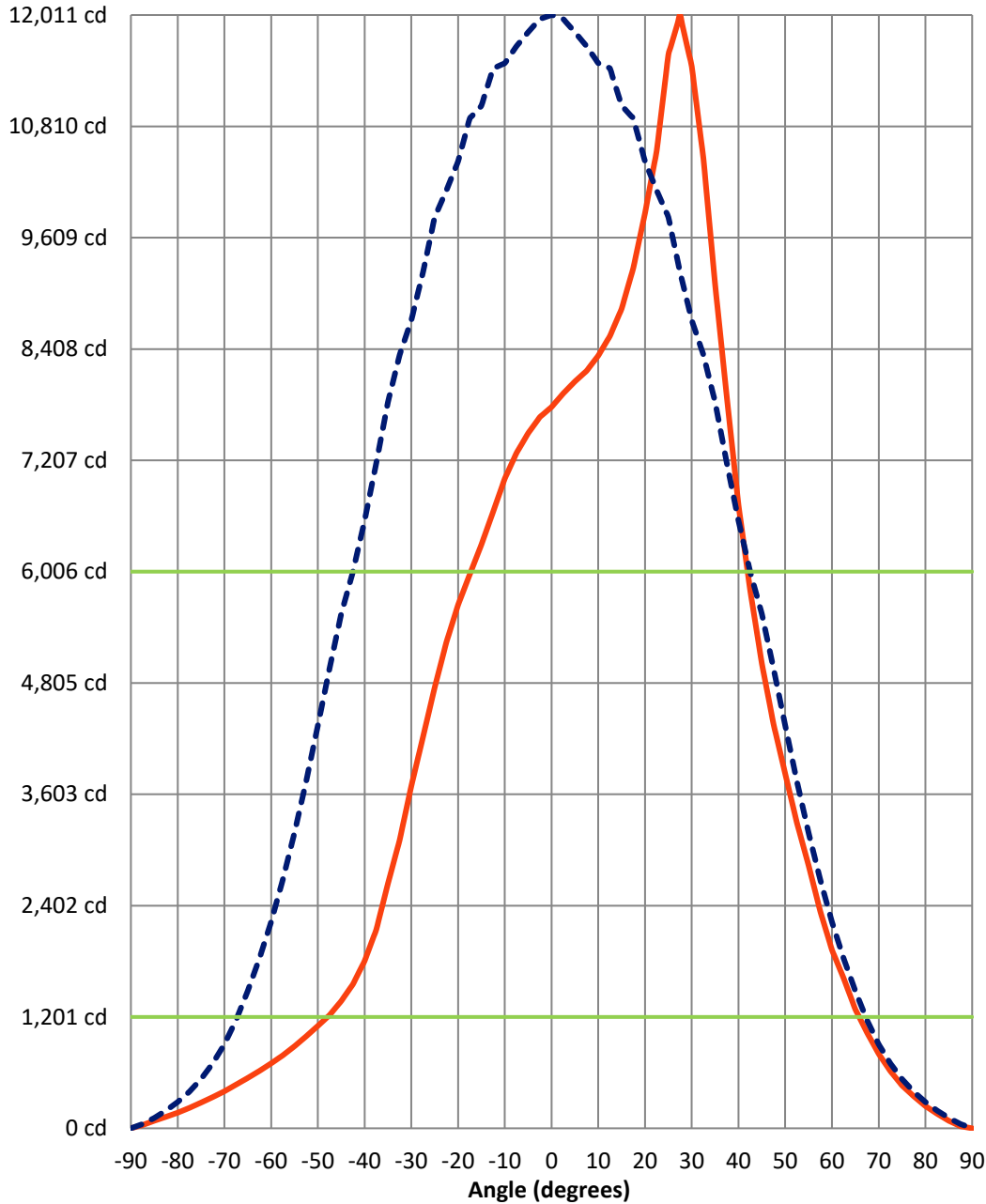
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg    - - - Horizontal Distribution Through 27.5-Deg

REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 85°  
 V Angle: 59.2°  
 Lumens: 9100.3  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 16198.8  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1311.8  
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 27.5-Deg



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

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	2.3	4.7	6.9	9.1	11.3	13.4	15.4	17.4	19.3	21.1
85°	0.0	4.6	9.3	13.9	18.3	22.6	26.7	30.8	34.7	38.5	42.1
82.5°	0.0	6.9	14.0	20.7	27.4	33.8	40.1	46.1	53.1	64.7	76.8
80°	0.0	9.1	18.6	27.6	36.4	45.0	54.5	69.7	85.5	102.0	119.1
77.5°	0.0	11.4	23.2	34.4	45.4	58.7	77.4	97.1	117.6	139.0	163.8
75°	0.0	13.6	27.7	41.2	55.3	77.0	100.0	124.2	150.2	183.0	216.6
72.5°	0.0	15.8	32.1	47.9	69.2	95.0	122.3	152.9	190.5	229.0	268.5
70°	0.0	18.0	36.5	55.1	82.9	112.6	145.0	187.0	230.0	274.4	326.3
67.5°	0.0	20.1	40.9	64.9	96.4	129.9	172.7	220.4	269.0	326.6	384.7
65°	0.0	22.2	45.1	74.4	109.5	149.1	199.6	252.9	314.0	377.7	445.1
62.5°	0.0	24.3	49.3	83.8	122.3	170.0	225.7	289.3	358.0	429.3	511.7
60°	0.0	26.3	53.3	92.8	134.7	190.2	250.8	326.5	400.9	486.2	576.1
57.5°	0.0	28.2	59.0	101.6	149.5	209.6	279.2	362.2	447.4	541.0	649.6
55°	0.0	30.1	64.6	110.1	164.0	228.2	306.7	395.4	493.4	596.4	724.9
52.5°	0.0	31.9	69.9	118.3	177.8	246.4	332.8	430.7	537.4	658.5	795.9
50°	0.0	33.7	75.1	126.2	190.9	266.4	357.4	464.3	581.7	716.9	880.8
47.5°	0.0	35.4	80.1	134.1	203.3	285.2	380.8	495.5	629.1	771.2	961.7
45°	0.0	37.0	84.9	142.8	215.0	302.7	405.2	524.3	670.3	836.8	1036.3
42.5°	0.0	38.6	89.5	151.0	226.0	319.0	427.7	554.5	708.2	897.4	1120.1
40°	0.0	40.1	93.8	158.9	237.1	333.9	448.2	584.8	746.3	951.8	1198.7
37.5°	0.0	41.5	97.9	166.3	248.2	347.5	466.8	612.3	787.6	1001.6	1269.0
35°	0.0	42.8	101.8	173.2	258.4	361.0	483.3	637.0	823.9	1054.5	1335.3
32.5°	0.0	44.0	105.4	179.7	267.5	373.7	499.1	658.8	855.3	1099.7	1394.4
30°	0.0	45.2	108.8	185.6	275.7	384.8	516.2	679.1	881.8	1137.4	1443.3
27.5°	0.0	46.2	111.9	191.1	283.5	394.4	530.9	700.1	906.4	1167.4	1482.3
25°	0.0	47.2	114.7	196.0	290.3	402.5	543.3	717.3	930.3	1195.1	1511.5
22.5°	0.0	48.1	117.2	200.4	296.2	409.6	553.5	730.6	948.3	1217.4	1536.4
20°	0.0	48.9	119.5	204.3	301.1	416.5	561.3	740.3	960.5	1231.8	1552.6
17.5°	0.0	49.6	121.5	207.6	305.1	422.3	568.4	746.3	967.2	1238.7	1560.0
15°	0.0	50.2	123.2	210.5	308.2	426.9	574.2	750.6	968.6	1238.2	1559.0
12.5°	0.0	50.7	124.7	212.7	310.3	430.2	577.7	753.7	968.6	1230.8	1549.8
10°	0.0	51.1	125.8	214.5	311.6	432.3	579.1	753.9	967.0	1227.1	1535.7
7.5°	0.0	51.4	126.7	215.7	312.1	433.1	578.5	751.3	961.3	1219.3	1520.0
5°	0.0	51.6	127.2	216.4	311.7	432.8	575.9	746.0	951.8	1206.4	1496.7
2.5°	0.0	51.7	127.5	216.5	310.5	431.3	571.5	738.2	938.6	1188.4	1466.5
0°	0.0	51.7	127.5	216.2	308.6	428.6	565.4	728.0	922.0	1165.8	1430.1
-2.5°	0.0	51.8	127.2	215.2	307.1	424.6	558.9	717.3	905.7	1140.7	1393.5
-5°	0.0	51.7	126.6	213.7	304.9	419.4	550.9	704.5	886.5	1111.6	1352.1
-7.5°	0.0	51.6	125.7	211.8	302.0	413.2	541.4	689.7	864.7	1078.9	1306.5
-10°	0.0	51.4	124.6	209.3	298.4	406.1	530.6	673.2	840.5	1043.0	1257.4
-12.5°	0.0	51.1	123.2	206.4	294.1	398.1	518.4	655.0	814.1	1004.7	1209.1
-15°	0.0	50.6	121.5	203.0	289.2	389.3	504.9	635.4	787.0	967.1	1159.9
-17.5°	0.0	50.1	119.6	199.3	283.7	379.8	490.3	615.7	759.9	927.3	1108.1
-20°	0.0	49.5	117.5	195.0	277.4	369.5	475.2	595.8	731.4	885.7	1054.3



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	48.8	115.1	190.4	270.6	358.7	460.0	574.5	701.6	842.8	998.8
-25°	0.0	47.9	112.4	185.4	263.2	347.9	444.0	551.9	670.7	798.8	941.9
-27.5°	0.0	47.0	109.6	180.0	255.2	336.6	427.1	528.1	639.0	756.1	888.0
-30°	0.0	46.0	106.5	174.3	246.6	324.6	409.4	503.2	608.4	717.1	834.2
-32.5°	0.0	44.9	103.3	168.2	237.8	311.9	391.1	480.0	577.8	678.0	780.7
-35°	0.0	43.7	99.8	161.8	228.5	298.6	374.0	457.0	546.4	638.9	727.6
-37.5°	0.0	42.4	96.2	155.0	218.8	285.2	357.0	433.6	514.2	600.0	683.9
-40°	0.0	41.0	92.4	148.0	208.6	272.4	339.4	409.8	481.2	562.1	642.4
-42.5°	0.0	39.5	88.4	140.7	198.5	259.0	321.3	385.7	451.6	525.5	600.2
-45°	0.0	38.0	84.3	133.2	188.4	245.3	302.6	362.3	423.7	488.8	557.7
-47.5°	0.0	36.3	80.0	125.4	178.0	231.2	283.4	340.0	395.7	452.1	517.1
-50°	0.0	34.6	75.5	118.4	167.3	216.8	265.9	317.2	368.2	421.3	476.7
-52.5°	0.0	32.8	71.0	111.6	156.2	202.0	248.3	294.0	341.5	389.8	437.0
-55°	0.0	31.0	66.3	104.5	144.8	187.7	230.5	270.7	315.0	357.9	401.9
-57.5°	0.0	29.0	61.4	97.2	133.1	173.2	212.4	250.0	288.0	327.4	366.3
-60°	0.0	27.1	56.5	89.8	121.2	158.4	194.2	229.1	261.4	297.0	331.2
-62.5°	0.0	25.0	52.3	82.2	111.2	143.3	176.3	207.8	237.4	266.3	297.6
-65°	0.0	22.9	47.9	74.4	100.9	128.0	158.1	186.5	213.2	238.6	263.8
-67.5°	0.0	20.8	43.5	66.5	90.5	113.7	139.7	165.4	188.7	211.5	232.9
-70°	0.0	18.6	38.9	58.5	79.9	100.7	121.1	144.2	165.2	184.2	203.2
-72.5°	0.0	16.3	34.3	51.2	69.2	87.5	105.0	122.8	141.6	158.7	173.9
-75°	0.0	14.1	29.5	44.0	58.4	74.1	89.3	103.9	118.0	133.1	146.7
-77.5°	0.0	11.8	24.7	36.8	48.6	60.7	73.4	85.8	97.5	108.5	119.5
-80°	0.0	9.5	19.8	29.5	39.0	48.2	57.4	67.5	77.2	86.2	94.7
-82.5°	0.0	7.1	14.9	22.2	29.3	36.2	42.9	49.8	56.8	63.9	70.6
-85°	0.0	4.7	10.0	14.8	19.5	24.2	28.6	33.3	37.9	42.4	46.8
-87.5°	0.0	2.4	5.0	7.4	9.8	12.1	14.3	16.7	18.9	21.2	23.4
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	22.2	23.1	23.8	24.4	25.3	26.1	26.8	27.4	27.9	28.3	28.6
85°	44.4	46.2	51.7	56.9	62.3	67.3	71.7	75.5	78.7	81.2	83.2
82.5°	86.7	96.0	104.7	113.0	120.5	127.3	133.8	141.2	147.2	152.2	156.3
80°	133.0	145.6	161.0	175.4	188.4	200.3	211.1	220.9	228.5	236.1	243.5
77.5°	186.9	207.4	226.4	244.0	261.0	280.9	299.2	316.1	329.0	338.8	346.3
75°	244.9	269.1	296.9	324.5	350.4	374.2	397.3	425.5	448.4	465.6	479.4
72.5°	306.8	341.7	375.7	408.7	446.7	483.5	519.4	554.0	584.4	606.7	624.8
70°	373.6	414.2	461.2	508.7	554.3	600.6	650.1	695.1	732.3	758.6	783.7
67.5°	442.0	498.9	554.5	611.6	676.4	735.3	789.3	846.2	896.3	929.3	958.2
65°	520.8	584.5	658.7	734.4	805.5	879.1	947.3	1009.0	1072.2	1118.2	1156.0
62.5°	596.9	686.5	774.0	862.6	951.9	1032.0	1121.0	1200.4	1264.0	1329.8	1386.2
60°	687.2	793.7	901.0	1007.8	1107.8	1220.3	1317.8	1410.1	1495.2	1568.6	1637.9
57.5°	777.3	914.8	1041.7	1167.2	1299.4	1419.7	1534.4	1637.7	1739.4	1824.3	1907.6
55°	872.1	1049.0	1195.6	1350.5	1495.9	1631.8	1760.7	1890.2	1998.6	2115.5	2217.3
52.5°	977.3	1179.4	1368.8	1539.4	1703.3	1860.0	2014.2	2170.0	2322.2	2443.5	2558.6
50°	1075.6	1316.6	1544.4	1739.0	1927.4	2113.5	2306.2	2501.0	2668.7	2807.5	2927.2
47.5°	1183.9	1444.0	1733.4	1948.7	2174.8	2405.4	2639.4	2854.5	3037.2	3226.0	3358.2
45°	1289.4	1572.9	1886.9	2185.7	2447.3	2726.6	2984.2	3221.5	3486.4	3692.5	3869.3
42.5°	1385.7	1695.1	2044.6	2424.9	2751.9	3051.6	3330.5	3664.4	3968.7	4209.7	4430.2
40°	1484.8	1806.2	2187.9	2647.0	3055.7	3375.6	3715.1	4084.1	4480.2	4776.7	5040.3
37.5°	1575.4	1919.9	2319.0	2816.6	3354.8	3706.5	4081.9	4482.3	4933.8	5379.7	5696.6
35°	1655.5	2016.2	2449.2	2954.5	3505.5	4027.2	4424.3	4850.6	5344.8	5923.4	6356.1
32.5°	1728.3	2094.8	2552.4	3062.0	3621.1	4232.8	4736.5	5174.3	5670.0	6267.1	7001.8
30°	1787.5	2170.9	2629.4	3139.8	3700.4	4309.6	4949.4	5426.3	5896.8	6482.7	7166.6
27.5°	1832.5	2226.8	2682.3	3188.3	3742.9	4345.3	4960.7	5549.1	6004.5	6555.8	7177.8
25°	1866.9	2272.5	2710.3	3206.3	3749.1	4329.6	4921.8	5478.6	5989.8	6475.9	7034.0
22.5°	1895.5	2304.1	2741.1	3194.1	3720.8	4273.9	4830.9	5361.7	5856.5	6311.6	6791.7
20°	1917.0	2324.2	2756.6	3206.0	3673.4	4183.4	4716.0	5221.1	5699.2	6139.8	6530.5
17.5°	1926.7	2330.2	2756.6	3203.8	3665.4	4111.5	4575.2	5060.8	5530.8	5968.6	6354.6
15°	1924.9	2322.4	2741.4	3186.7	3641.4	4083.3	4510.5	4911.1	5348.8	5791.3	6175.9
12.5°	1912.2	2301.4	2711.6	3154.9	3602.4	4039.0	4458.5	4860.7	5253.1	5623.8	5991.5
10°	1888.9	2267.8	2667.7	3108.3	3548.4	3978.5	4392.7	4796.2	5184.5	5548.4	5890.9
7.5°	1865.1	2230.2	2615.0	3047.4	3479.5	3902.1	4312.5	4716.8	5097.5	5460.7	5806.5
5°	1833.7	2190.4	2574.8	2989.0	3405.5	3817.8	4219.4	4621.7	4992.3	5358.8	5706.0
2.5°	1793.8	2140.9	2524.1	2918.2	3322.7	3730.6	4118.8	4513.5	4893.6	5245.8	5587.8
0°	1746.0	2082.3	2462.9	2834.3	3225.9	3628.7	4002.0	4388.1	4783.5	5116.1	5450.5
-2.5°	1694.0	2012.1	2373.7	2743.2	3121.7	3516.7	3899.4	4265.5	4652.1	4988.3	5329.8
-5°	1635.7	1934.6	2275.1	2640.4	3005.2	3390.3	3780.1	4128.2	4497.6	4830.0	5165.9
-7.5°	1571.9	1851.0	2168.4	2525.0	2872.6	3235.7	3604.9	3939.8	4298.8	4627.7	4954.8
-10°	1504.7	1768.4	2064.8	2394.5	2722.2	3060.7	3407.5	3735.4	4080.7	4408.2	4723.0
-12.5°	1440.2	1687.0	1958.0	2257.8	2563.5	2876.3	3198.8	3515.4	3842.9	4172.0	4466.3
-15°	1372.7	1601.5	1847.6	2116.3	2397.9	2684.1	2980.3	3279.9	3587.3	3909.2	4181.1
-17.5°	1302.8	1512.6	1735.0	1971.7	2226.4	2485.6	2757.9	3047.1	3328.4	3621.7	3884.6
-20°	1231.3	1421.2	1621.3	1825.4	2051.7	2300.2	2554.9	2814.4	3070.1	3325.4	3572.4



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	1158.9	1327.7	1509.9	1689.5	1904.7	2129.1	2352.6	2577.8	2807.2	3027.0	3260.7
-25°	1088.9	1241.0	1401.9	1576.4	1761.2	1959.0	2151.1	2341.4	2544.8	2750.9	2952.0
-27.5°	1021.4	1155.6	1307.5	1463.2	1617.1	1793.1	1961.2	2122.6	2300.1	2481.9	2644.3
-30°	953.7	1081.2	1214.2	1352.4	1487.8	1634.7	1780.0	1921.6	2066.2	2221.9	2362.6
-32.5°	891.0	1007.4	1128.4	1249.5	1364.4	1478.4	1612.7	1738.5	1856.8	1967.7	2090.5
-35°	833.7	940.3	1045.5	1149.9	1244.7	1344.9	1457.2	1563.1	1658.0	1747.1	1841.0
-37.5°	779.5	874.5	963.1	1056.5	1140.6	1226.5	1309.1	1400.8	1477.8	1548.9	1626.0
-40°	725.3	810.2	890.0	967.9	1045.1	1116.8	1187.4	1249.7	1311.7	1380.1	1433.1
-42.5°	671.9	750.8	822.2	882.0	954.7	1016.6	1071.3	1123.0	1173.7	1227.1	1269.5
-45°	624.8	692.0	757.1	814.3	868.9	921.6	968.1	1008.7	1056.6	1093.7	1125.8
-47.5°	577.2	635.4	695.0	747.8	793.5	836.3	870.8	911.6	950.9	982.7	1001.4
-50°	530.4	583.6	634.1	683.3	724.7	759.1	788.9	822.4	855.1	882.1	899.9
-52.5°	487.3	531.7	578.5	620.4	658.5	689.3	717.7	746.9	770.8	789.4	812.8
-55°	444.7	485.6	524.7	562.3	594.9	623.1	650.9	676.8	697.3	713.3	732.6
-57.5°	404.7	441.6	475.7	507.2	536.5	560.7	587.8	610.0	629.1	644.0	663.9
-60°	365.7	398.7	429.7	457.2	481.2	505.1	527.2	547.6	564.2	579.1	597.3
-62.5°	326.9	356.8	384.7	410.0	431.8	451.6	471.5	488.8	502.7	518.1	533.3
-65°	290.6	315.8	340.2	363.3	383.9	402.7	419.1	433.2	446.2	459.9	472.0
-67.5°	254.4	277.9	298.4	316.7	335.7	354.0	369.2	382.1	393.1	404.2	414.4
-70°	221.9	240.6	259.3	275.9	290.4	305.6	320.4	332.5	342.2	351.0	359.3
-72.5°	190.1	206.6	222.0	236.3	249.5	261.7	273.3	284.4	293.4	300.3	306.3
-75°	159.8	172.7	186.0	198.5	209.2	218.7	227.6	236.4	243.8	249.7	254.5
-77.5°	130.8	141.7	151.9	161.4	169.2	176.7	183.6	190.0	195.7	200.2	203.4
-80°	102.7	110.6	118.8	126.7	132.7	137.7	142.1	145.9	150.1	154.4	158.2
-82.5°	76.4	82.1	87.6	92.9	97.1	100.6	103.7	106.6	109.6	112.4	114.8
-85°	50.3	53.5	56.9	60.1	63.3	66.1	68.5	70.6	72.2	73.6	74.8
-87.5°	25.2	26.8	28.3	29.7	31.2	32.7	34.0	35.3	36.1	36.8	37.4
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	28.8	28.8	28.8	28.7	28.5	27.3	26.0	24.7	23.2	23.9	24.6
85°	84.7	85.0	84.7	83.9	82.5	82.5	82.2	81.7	80.9	82.1	83.2
82.5°	159.4	160.6	160.7	160.0	158.4	159.1	159.4	159.1	158.1	159.2	159.9
80°	249.1	251.5	251.6	249.9	246.5	247.0	247.3	246.5	244.9	245.3	245.2
77.5°	354.9	360.4	362.3	361.5	358.1	357.1	354.7	349.8	342.7	342.6	342.8
75°	489.8	495.5	498.4	498.1	494.9	492.7	489.7	484.1	476.2	475.9	475.9
72.5°	638.8	647.0	650.7	654.0	654.0	652.8	648.8	640.5	628.2	626.8	628.3
70°	803.2	817.1	825.8	832.6	837.9	839.0	836.4	829.7	819.0	816.2	815.3
67.5°	986.4	1008.5	1025.2	1036.4	1046.9	1054.5	1057.3	1054.3	1045.6	1042.7	1043.9
65°	1191.6	1225.8	1253.9	1275.1	1289.2	1299.2	1308.0	1313.2	1314.4	1317.5	1321.6
62.5°	1431.4	1473.4	1512.6	1539.3	1553.0	1562.7	1590.9	1607.1	1611.8	1612.8	1619.0
60°	1699.2	1752.2	1801.1	1840.4	1872.2	1896.1	1920.2	1936.0	1941.9	1943.1	1951.7
57.5°	1992.0	2058.6	2115.9	2176.7	2219.2	2243.7	2275.8	2308.7	2326.0	2330.9	2351.2
55°	2316.0	2406.8	2481.1	2546.1	2605.4	2657.5	2701.5	2735.6	2760.7	2775.9	2802.7
52.5°	2674.2	2780.9	2858.6	2935.0	3019.9	3079.8	3119.0	3181.9	3227.5	3252.5	3284.5
50°	3067.5	3186.4	3292.2	3372.3	3471.2	3553.0	3612.6	3672.2	3713.9	3737.7	3768.8
47.5°	3515.2	3661.7	3784.5	3858.7	3973.4	4069.8	4108.7	4153.7	4232.2	4270.0	4303.1
45°	4019.3	4206.1	4342.5	4458.7	4557.3	4665.4	4736.3	4787.4	4864.7	4903.6	4928.0
42.5°	4619.1	4826.9	5006.6	5146.1	5229.0	5369.2	5471.6	5500.3	5609.9	5684.3	5706.1
40°	5291.8	5522.1	5759.2	5918.2	6051.7	6194.1	6362.9	6456.8	6549.5	6622.4	6638.9
37.5°	5992.8	6301.1	6571.7	6777.0	6997.7	7207.7	7386.6	7484.1	7545.0	7684.4	7736.4
35°	6705.3	7023.6	7402.7	7721.6	7989.1	8248.5	8452.5	8613.2	8766.1	8891.7	8966.9
32.5°	7312.2	7654.7	8122.7	8600.3	8889.1	9170.0	9505.1	9688.9	9893.0	10058.5	10179.2
30°	7810.9	8136.5	8562.5	9162.0	9557.4	9842.0	10266.1	10520.3	10742.7	11023.0	11120.5
27.5°	7834.5	8343.4	8720.2	9236.4	9829.8	10118.7	10432.6	10894.6	11034.8	11434.4	11492.0
25°	7628.9	8163.2	8550.4	8981.3	9474.6	9826.1	10112.8	10497.0	10698.1	10955.1	11152.6
22.5°	7307.2	7778.1	8173.1	8538.5	8923.5	9243.6	9505.6	9775.6	9996.4	10195.8	10381.1
20°	6952.0	7399.0	7773.6	8087.8	8392.9	8689.6	8925.3	9152.1	9343.0	9514.2	9619.6
17.5°	6701.8	7023.4	7406.2	7728.1	7992.6	8225.5	8469.3	8659.1	8826.5	8980.6	9077.0
15°	6531.0	6836.8	7109.3	7404.7	7683.5	7905.5	8089.1	8285.0	8429.7	8562.3	8666.7
12.5°	6353.8	6668.9	6954.0	7200.0	7418.2	7660.7	7856.9	8011.0	8162.8	8267.0	8374.2
10°	6205.7	6500.5	6796.3	7056.1	7285.6	7485.5	7671.2	7844.0	7980.3	8097.1	8181.6
7.5°	6119.8	6408.9	6674.7	6923.9	7147.7	7360.6	7552.2	7710.6	7845.7	7966.6	8055.1
5°	6020.1	6306.2	6571.7	6826.3	7041.3	7245.9	7436.7	7599.7	7739.4	7847.2	7931.9
2.5°	5905.8	6188.1	6452.9	6711.7	6926.6	7123.9	7304.6	7463.5	7609.1	7711.7	7783.9
0°	5775.7	6058.4	6317.0	6560.9	6777.1	6989.6	7155.8	7316.6	7458.9	7560.5	7632.5
-2.5°	5644.4	5925.3	6193.0	6426.8	6641.3	6837.5	7014.5	7166.3	7302.2	7403.3	7466.6
-5°	5469.8	5749.1	6013.3	6248.8	6473.0	6669.9	6841.9	6996.3	7127.2	7237.5	7323.3
-7.5°	5258.5	5540.9	5804.8	6045.3	6268.4	6454.4	6619.7	6775.2	6914.9	7035.5	7141.0
-10°	5026.1	5305.5	5554.8	5780.0	5987.9	6177.1	6352.9	6506.5	6634.6	6752.6	6841.4
-12.5°	4755.5	5014.1	5258.1	5480.0	5683.2	5872.7	6039.9	6186.2	6315.1	6419.7	6499.8
-15°	4456.9	4702.4	4933.4	5160.3	5373.0	5559.6	5706.7	5861.0	5972.7	6074.2	6146.3
-17.5°	4137.4	4374.7	4617.8	4845.2	5041.6	5225.6	5387.5	5528.5	5645.7	5738.8	5820.2
-20°	3813.6	4055.4	4289.3	4506.0	4694.9	4865.5	5029.4	5164.8	5285.0	5386.2	5481.7



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	3488.5	3710.1	3929.7	4141.8	4320.4	4481.7	4625.1	4754.7	4860.8	4980.2	5064.5
-25°	3154.4	3348.7	3547.0	3734.2	3903.2	4061.7	4191.7	4305.3	4415.8	4531.2	4613.3
-27.5°	2818.7	2990.5	3151.5	3317.2	3465.2	3602.6	3723.3	3822.7	3930.0	4006.9	4097.3
-30°	2486.7	2642.5	2776.9	2892.2	3031.3	3149.2	3243.1	3341.9	3430.5	3504.1	3580.2
-32.5°	2205.7	2312.2	2419.5	2515.9	2608.4	2705.3	2781.0	2867.2	2928.0	2991.3	3052.8
-35°	1935.5	2017.6	2088.9	2179.0	2248.4	2301.1	2364.2	2427.5	2451.8	2520.7	2557.3
-37.5°	1690.9	1744.7	1811.2	1874.1	1925.5	1964.9	2021.1	2054.2	2071.7	2116.3	2140.1
-40°	1481.5	1515.5	1577.5	1620.4	1651.4	1680.0	1726.7	1748.3	1772.1	1794.2	1794.9
-42.5°	1297.3	1341.1	1383.1	1416.8	1436.4	1469.0	1491.0	1493.4	1524.3	1544.0	1547.0
-45°	1146.7	1191.1	1224.4	1249.2	1268.7	1296.8	1311.0	1318.9	1344.0	1357.4	1363.3
-47.5°	1030.9	1062.0	1090.8	1109.9	1135.6	1156.4	1166.7	1180.0	1199.3	1211.5	1220.3
-50°	929.1	953.8	975.7	993.2	1018.8	1037.2	1047.2	1063.5	1077.9	1086.8	1093.7
-52.5°	839.7	861.6	876.8	893.8	915.0	931.4	944.1	960.2	972.2	980.0	986.2
-55°	755.9	776.6	791.4	809.9	825.1	836.1	846.9	862.6	874.4	882.4	887.6
-57.5°	681.9	697.5	712.1	728.9	743.3	755.2	764.9	773.6	781.3	787.9	792.9
-60°	612.7	625.4	638.7	651.9	662.7	671.3	681.7	689.6	694.6	697.8	701.9
-62.5°	546.2	557.6	569.4	580.0	588.6	595.8	604.2	610.7	615.4	618.7	621.1
-65°	482.9	492.7	502.7	511.5	519.0	525.3	531.2	535.7	539.0	541.7	543.9
-67.5°	423.7	431.5	438.5	444.6	450.2	455.5	460.7	464.2	466.1	468.3	470.6
-70°	366.6	372.7	377.4	381.1	384.4	388.6	393.6	397.0	399.0	401.2	403.3
-72.5°	311.4	315.9	319.7	322.7	324.6	327.3	330.7	333.5	335.6	337.3	338.1
-75°	258.2	261.9	265.3	267.6	269.0	270.9	272.7	273.6	273.7	274.5	275.0
-77.5°	206.2	209.8	213.0	215.2	216.6	218.2	219.4	220.1	220.3	220.3	219.9
-80°	161.0	163.5	165.5	167.1	168.1	169.2	169.9	170.0	169.6	170.0	170.1
-82.5°	117.0	119.2	121.0	122.3	123.3	124.4	125.3	125.9	126.3	126.5	126.3
-85°	75.7	76.7	77.7	78.6	79.4	79.9	80.1	80.2	80.0	80.0	79.9
-87.5°	37.8	37.4	36.8	36.1	35.2	35.4	35.6	35.7	35.7	36.1	36.4
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	25.2	25.8	24.0	22.2	24.0	25.8	25.2	24.6	23.9	23.2	24.7
85°	84.0	84.5	83.0	81.3	83.0	84.5	84.0	83.2	82.1	80.9	81.7
82.5°	160.1	159.9	158.6	157.0	158.6	159.9	160.1	159.9	159.2	158.1	159.1
80°	244.3	242.7	241.8	240.2	241.8	242.7	244.3	245.2	245.3	244.9	246.5
77.5°	342.0	340.1	343.1	345.5	343.1	340.1	342.0	342.8	342.6	342.7	349.8
75°	474.1	470.4	466.9	461.9	466.9	470.4	474.1	475.9	475.9	476.2	484.1
72.5°	627.6	624.7	621.9	617.1	621.9	624.7	627.6	628.3	626.8	628.2	640.5
70°	810.4	801.9	803.3	803.7	803.3	801.9	810.4	815.3	816.2	819.0	829.7
67.5°	1040.6	1032.8	1033.7	1032.8	1033.7	1032.8	1040.6	1043.9	1042.7	1045.6	1054.3
65°	1319.1	1310.4	1299.8	1284.1	1299.8	1310.4	1319.1	1321.6	1317.5	1314.4	1313.2
62.5°	1618.2	1610.4	1614.9	1618.5	1614.9	1610.4	1618.2	1619.0	1612.8	1611.8	1607.1
60°	1950.3	1939.4	1934.0	1925.2	1934.0	1939.4	1950.3	1951.7	1943.1	1941.9	1936.0
57.5°	2360.5	2358.5	2353.7	2340.9	2353.7	2358.5	2360.5	2351.2	2330.9	2326.0	2308.7
55°	2815.4	2812.8	2823.3	2836.1	2823.3	2812.8	2815.4	2802.7	2775.9	2760.7	2735.6
52.5°	3308.2	3316.5	3313.6	3296.2	3313.6	3316.5	3308.2	3284.5	3252.5	3227.5	3181.9
50°	3796.1	3805.4	3815.4	3824.6	3815.4	3805.4	3796.1	3768.8	3737.7	3713.9	3672.2
47.5°	4349.0	4373.6	4377.9	4360.4	4377.9	4373.6	4349.0	4303.1	4270.0	4232.2	4153.7
45°	4977.1	4992.0	4999.6	5014.4	4999.6	4992.0	4977.1	4928.0	4903.6	4864.7	4787.4
42.5°	5769.1	5786.3	5789.0	5805.2	5789.0	5786.3	5769.1	5706.1	5684.3	5609.9	5500.3
40°	6709.3	6737.1	6732.3	6725.3	6732.3	6737.1	6709.3	6638.9	6622.4	6549.5	6456.8
37.5°	7809.7	7857.0	7862.0	7891.2	7862.0	7857.0	7809.7	7736.4	7684.4	7545.0	7484.1
35°	9044.7	9100.4	9090.8	9105.1	9090.8	9100.4	9044.7	8966.9	8891.7	8766.1	8613.2
32.5°	10290.5	10374.0	10390.8	10461.2	10390.8	10374.0	10290.5	10179.2	10058.5	9893.0	9688.9
30°	11269.3	11386.4	11462.9	11457.1	11462.9	11386.4	11269.3	11120.5	11023.0	10742.7	10520.3
27.5°	11674.7	11826.5	11968.5	12011.4	11968.5	11826.5	11674.7	11492.0	11434.4	11034.8	10894.6
25°	11279.1	11390.0	11515.5	11582.7	11515.5	11390.0	11279.1	11152.6	10955.1	10698.1	10497.0
22.5°	10466.3	10538.4	10581.1	10546.2	10581.1	10538.4	10466.3	10381.1	10195.8	9996.4	9775.6
20°	9728.7	9820.0	9836.9	9873.7	9836.9	9820.0	9728.7	9619.6	9514.2	9343.0	9152.1
17.5°	9179.7	9239.5	9274.5	9282.5	9274.5	9239.5	9179.7	9077.0	8980.6	8826.5	8659.1
15°	8749.5	8797.4	8828.8	8842.7	8828.8	8797.4	8749.5	8666.7	8562.3	8429.7	8285.0
12.5°	8444.5	8502.9	8531.5	8549.0	8531.5	8502.9	8444.5	8374.2	8267.0	8162.8	8011.0
10°	8249.1	8305.4	8328.1	8336.5	8328.1	8305.4	8249.1	8181.6	8097.1	7980.3	7844.0
7.5°	8108.6	8144.8	8160.1	8172.0	8160.1	8144.8	8108.6	8055.1	7966.6	7845.7	7710.6
5°	7995.4	8024.2	8040.4	8057.5	8040.4	8024.2	7995.4	7931.9	7847.2	7739.4	7599.7
2.5°	7841.2	7882.4	7910.9	7928.1	7910.9	7882.4	7841.2	7783.9	7711.7	7609.1	7463.5
0°	7689.8	7728.6	7748.9	7782.2	7748.9	7728.6	7689.8	7632.5	7560.5	7458.9	7316.6
-2.5°	7523.3	7568.3	7621.6	7673.2	7621.6	7568.3	7523.3	7466.6	7403.3	7302.2	7166.3
-5°	7396.0	7455.3	7466.5	7499.5	7466.5	7455.3	7396.0	7323.3	7237.5	7127.2	6996.3
-7.5°	7203.9	7231.0	7277.0	7285.2	7277.0	7231.0	7203.9	7141.0	7035.5	6914.9	6775.2
-10°	6907.9	6951.9	6980.6	7009.9	6980.6	6951.9	6907.9	6841.4	6752.6	6634.6	6506.5
-12.5°	6560.0	6611.8	6657.9	6651.4	6657.9	6611.8	6560.0	6499.8	6419.7	6315.1	6186.2
-15°	6221.2	6271.1	6302.9	6298.5	6302.9	6271.1	6221.2	6146.3	6074.2	5972.7	5861.0
-17.5°	5884.8	5930.4	5976.3	5975.2	5976.3	5930.4	5884.8	5820.2	5738.8	5645.7	5528.5
-20°	5537.5	5576.5	5625.7	5646.3	5625.7	5576.5	5537.5	5481.7	5386.2	5285.0	5164.8



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	5135.9	5185.8	5221.6	5243.6	5221.6	5185.8	5135.9	5064.5	4980.2	4860.8	4754.7
-25°	4667.8	4719.0	4746.2	4755.8	4746.2	4719.0	4667.8	4613.3	4531.2	4415.8	4305.3
-27.5°	4150.6	4208.1	4236.0	4221.8	4236.0	4208.1	4150.6	4097.3	4006.9	3930.0	3822.7
-30°	3620.2	3657.1	3661.3	3693.4	3661.3	3657.1	3620.2	3580.2	3504.1	3430.5	3341.9
-32.5°	3096.9	3121.6	3107.6	3109.5	3107.6	3121.6	3096.9	3052.8	2991.3	2928.0	2867.2
-35°	2580.2	2599.9	2603.9	2640.3	2603.9	2599.9	2580.2	2557.3	2520.7	2451.8	2427.5
-37.5°	2164.8	2172.8	2160.6	2143.2	2160.6	2172.8	2164.8	2140.1	2116.3	2071.7	2054.2
-40°	1812.5	1818.7	1814.2	1805.1	1814.2	1818.7	1812.5	1794.9	1794.2	1772.1	1748.3
-42.5°	1559.1	1559.1	1555.0	1553.9	1555.0	1559.1	1559.1	1547.0	1544.0	1524.3	1493.4
-45°	1371.8	1373.8	1373.4	1372.8	1373.4	1373.8	1371.8	1363.3	1357.4	1344.0	1318.9
-47.5°	1226.6	1226.9	1225.0	1221.3	1225.0	1226.9	1226.6	1220.3	1211.5	1199.3	1180.0
-50°	1098.0	1098.0	1100.5	1104.9	1100.5	1098.0	1098.0	1093.7	1086.8	1077.9	1063.5
-52.5°	989.4	989.1	990.5	992.2	990.5	989.1	989.4	986.2	980.0	972.2	960.2
-55°	889.9	889.4	888.0	885.0	888.0	889.4	889.9	887.6	882.4	874.4	862.6
-57.5°	794.8	793.7	791.3	787.1	791.3	793.7	794.8	792.9	787.9	781.3	773.6
-60°	704.2	704.6	703.4	700.2	703.4	704.6	704.2	701.9	697.8	694.6	689.6
-62.5°	621.6	620.4	620.2	619.0	620.2	620.4	621.6	621.1	618.7	615.4	610.7
-65°	544.3	543.0	543.5	543.2	543.5	543.0	544.3	543.9	541.7	539.0	535.7
-67.5°	471.5	471.1	471.5	471.1	471.5	471.1	471.5	470.6	468.3	466.1	464.2
-70°	404.4	404.6	402.5	399.1	402.5	404.6	404.4	403.3	401.2	399.0	397.0
-72.5°	337.8	336.7	336.8	336.3	336.8	336.7	337.8	338.1	337.3	335.6	333.5
-75°	274.9	274.1	275.8	277.1	275.8	274.1	274.9	275.0	274.5	273.7	273.6
-77.5°	218.8	217.2	218.7	219.9	218.7	217.2	218.8	219.9	220.3	220.3	220.1
-80°	169.9	169.4	168.9	168.1	168.9	169.4	169.9	170.1	170.0	169.6	170.0
-82.5°	125.8	125.1	124.6	123.8	124.6	125.1	125.8	126.3	126.5	126.3	125.9
-85°	79.6	79.1	80.3	81.3	80.3	79.1	79.6	79.9	80.0	80.0	80.2
-87.5°	36.7	36.9	36.0	35.1	36.0	36.9	36.7	36.4	36.1	35.7	35.7
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	26.0	27.3	28.5	28.7	28.8	28.8	28.8	28.6	28.3	27.9	27.4
85°	82.2	82.5	82.5	83.9	84.7	85.0	84.7	83.2	81.2	78.7	75.5
82.5°	159.4	159.1	158.4	160.0	160.7	160.6	159.4	156.3	152.2	147.2	141.2
80°	247.3	247.0	246.5	249.9	251.6	251.5	249.1	243.5	236.1	228.5	220.9
77.5°	354.7	357.1	358.1	361.5	362.3	360.4	354.9	346.3	338.8	329.0	316.1
75°	489.7	492.7	494.9	498.1	498.4	495.5	489.8	479.4	465.6	448.4	425.5
72.5°	648.8	652.8	654.0	654.0	650.7	647.0	638.8	624.8	606.7	584.4	554.0
70°	836.4	839.0	837.9	832.6	825.8	817.1	803.2	783.7	758.6	732.3	695.1
67.5°	1057.3	1054.5	1046.9	1036.4	1025.2	1008.5	986.4	958.2	929.3	896.3	846.2
65°	1308.0	1299.2	1289.2	1275.1	1253.9	1225.8	1191.6	1156.0	1118.2	1072.2	1009.0
62.5°	1590.9	1562.7	1553.0	1539.3	1512.6	1473.4	1431.4	1386.2	1329.8	1264.0	1200.4
60°	1920.2	1896.1	1872.2	1840.4	1801.1	1752.2	1699.2	1637.9	1568.6	1495.2	1410.1
57.5°	2275.8	2243.7	2219.2	2176.7	2115.9	2058.6	1992.0	1907.6	1824.3	1739.4	1637.7
55°	2701.5	2657.5	2605.4	2546.1	2481.1	2406.8	2316.0	2217.3	2115.5	1998.6	1890.2
52.5°	3119.0	3079.8	3019.9	2935.0	2858.6	2780.9	2674.2	2558.6	2443.5	2322.2	2170.0
50°	3612.6	3553.0	3471.2	3372.3	3292.2	3186.4	3067.5	2927.2	2807.5	2668.7	2501.0
47.5°	4108.7	4069.8	3973.4	3858.7	3784.5	3661.7	3515.2	3358.2	3226.0	3037.2	2854.5
45°	4736.3	4665.4	4557.3	4458.7	4342.5	4206.1	4019.3	3869.3	3692.5	3486.4	3221.5
42.5°	5471.6	5369.2	5229.0	5146.1	5006.6	4826.9	4619.1	4430.2	4209.7	3968.7	3664.4
40°	6362.9	6194.1	6051.7	5918.2	5759.2	5522.1	5291.8	5040.3	4776.7	4480.2	4084.1
37.5°	7386.6	7207.7	6997.7	6777.0	6571.7	6301.1	5992.8	5696.6	5379.7	4933.8	4482.3
35°	8452.5	8248.5	7989.1	7721.6	7402.7	7023.6	6705.3	6356.1	5923.4	5344.8	4850.6
32.5°	9505.1	9170.0	8889.1	8600.3	8122.7	7654.7	7312.2	7001.8	6267.1	5670.0	5174.3
30°	10266.1	9842.0	9557.4	9162.0	8562.5	8136.5	7810.9	7166.6	6482.7	5896.8	5426.3
27.5°	10432.6	10118.7	9829.8	9236.4	8720.2	8343.4	7834.5	7177.8	6555.8	6004.5	5549.1
25°	10112.8	9826.1	9474.6	8981.3	8550.4	8163.2	7628.9	7034.0	6475.9	5989.8	5478.6
22.5°	9505.6	9243.6	8923.5	8538.5	8173.1	7778.1	7307.2	6791.7	6311.6	5856.5	5361.7
20°	8925.3	8689.6	8392.9	8087.8	7773.6	7399.0	6952.0	6530.5	6139.8	5699.2	5221.1
17.5°	8469.3	8225.5	7992.6	7728.1	7406.2	7023.4	6701.8	6354.6	5968.6	5530.8	5060.8
15°	8089.1	7905.5	7683.5	7404.7	7109.3	6836.8	6531.0	6175.9	5791.3	5348.8	4911.1
12.5°	7856.9	7660.7	7418.2	7200.0	6954.0	6668.9	6353.8	5991.5	5623.8	5253.1	4860.7
10°	7671.2	7485.5	7285.6	7056.1	6796.3	6500.5	6205.7	5890.9	5548.4	5184.5	4796.2
7.5°	7552.2	7360.6	7147.7	6923.9	6674.7	6408.9	6119.8	5806.5	5460.7	5097.5	4716.8
5°	7436.7	7245.9	7041.3	6826.3	6571.7	6306.2	6020.1	5706.0	5358.8	4992.3	4621.7
2.5°	7304.6	7123.9	6926.6	6711.7	6452.9	6188.1	5905.8	5587.8	5245.8	4893.6	4513.5
0°	7155.8	6989.6	6777.1	6560.9	6317.0	6058.4	5775.7	5450.5	5116.1	4783.5	4388.1
-2.5°	7014.5	6837.5	6641.3	6426.8	6193.0	5925.3	5644.4	5329.8	4988.3	4652.1	4265.5
-5°	6841.9	6669.9	6473.0	6248.8	6013.3	5749.1	5469.8	5165.9	4830.0	4497.6	4128.2
-7.5°	6619.7	6454.4	6268.4	6045.3	5804.8	5540.9	5258.5	4954.8	4627.7	4298.8	3939.8
-10°	6352.9	6177.1	5987.9	5780.0	5554.8	5305.5	5026.1	4723.0	4408.2	4080.7	3735.4
-12.5°	6039.9	5872.7	5683.2	5480.0	5258.1	5014.1	4755.5	4466.3	4172.0	3842.9	3515.4
-15°	5706.7	5559.6	5373.0	5160.3	4933.4	4702.4	4456.9	4181.1	3909.2	3587.3	3279.9
-17.5°	5387.5	5225.6	5041.6	4845.2	4617.8	4374.7	4137.4	3884.6	3621.7	3328.4	3047.1
-20°	5029.4	4865.5	4694.9	4506.0	4289.3	4055.4	3813.6	3572.4	3325.4	3070.1	2814.4



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	4625.1	4481.7	4320.4	4141.8	3929.7	3710.1	3488.5	3260.7	3027.0	2807.2	2577.8
-25°	4191.7	4061.7	3903.2	3734.2	3547.0	3348.7	3154.4	2952.0	2750.9	2544.8	2341.4
-27.5°	3723.3	3602.6	3465.2	3317.2	3151.5	2990.5	2818.7	2644.3	2481.9	2300.1	2122.6
-30°	3243.1	3149.2	3031.3	2892.2	2776.9	2642.5	2486.7	2362.6	2221.9	2066.2	1921.6
-32.5°	2781.0	2705.3	2608.4	2515.9	2419.5	2312.2	2205.7	2090.5	1967.7	1856.8	1738.5
-35°	2364.2	2301.1	2248.4	2179.0	2088.9	2017.6	1935.5	1841.0	1747.1	1658.0	1563.1
-37.5°	2021.1	1964.9	1925.5	1874.1	1811.2	1744.7	1690.9	1626.0	1548.9	1477.8	1400.8
-40°	1726.7	1680.0	1651.4	1620.4	1577.5	1515.5	1481.5	1433.1	1380.1	1311.7	1249.7
-42.5°	1491.0	1469.0	1436.4	1416.8	1383.1	1341.1	1297.3	1269.5	1227.1	1173.7	1123.0
-45°	1311.0	1296.8	1268.7	1249.2	1224.4	1191.1	1146.7	1125.8	1093.7	1056.6	1008.7
-47.5°	1166.7	1156.4	1135.6	1109.9	1090.8	1062.0	1030.9	1001.4	982.7	950.9	911.6
-50°	1047.2	1037.2	1018.8	993.2	975.7	953.8	929.1	899.9	882.1	855.1	822.4
-52.5°	944.1	931.4	915.0	893.8	876.8	861.6	839.7	812.8	789.4	770.8	746.9
-55°	846.9	836.1	825.1	809.9	791.4	776.6	755.9	732.6	713.3	697.3	676.8
-57.5°	764.9	755.2	743.3	728.9	712.1	697.5	681.9	663.9	644.0	629.1	610.0
-60°	681.7	671.3	662.7	651.9	638.7	625.4	612.7	597.3	579.1	564.2	547.6
-62.5°	604.2	595.8	588.6	580.0	569.4	557.6	546.2	533.3	518.1	502.7	488.8
-65°	531.2	525.3	519.0	511.5	502.7	492.7	482.9	472.0	459.9	446.2	433.2
-67.5°	460.7	455.5	450.2	444.6	438.5	431.5	423.7	414.4	404.2	393.1	382.1
-70°	393.6	388.6	384.4	381.1	377.4	372.7	366.6	359.3	351.0	342.2	332.5
-72.5°	330.7	327.3	324.6	322.7	319.7	315.9	311.4	306.3	300.3	293.4	284.4
-75°	272.7	270.9	269.0	267.6	265.3	261.9	258.2	254.5	249.7	243.8	236.4
-77.5°	219.4	218.2	216.6	215.2	213.0	209.8	206.2	203.4	200.2	195.7	190.0
-80°	169.9	169.2	168.1	167.1	165.5	163.5	161.0	158.2	154.4	150.1	145.9
-82.5°	125.3	124.4	123.3	122.3	121.0	119.2	117.0	114.8	112.4	109.6	106.6
-85°	80.1	79.9	79.4	78.6	77.7	76.7	75.7	74.8	73.6	72.2	70.6
-87.5°	35.6	35.4	35.2	36.1	36.8	37.4	37.8	37.4	36.8	36.1	35.3
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-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°	26.8	26.1	25.3	24.4	23.8	23.1	22.2	21.1	19.3	17.4	15.4
85°	71.7	67.3	62.3	56.9	51.7	46.2	44.4	42.1	38.5	34.7	30.8
82.5°	133.8	127.3	120.5	113.0	104.7	96.0	86.7	76.8	64.7	53.1	46.1
80°	211.1	200.3	188.4	175.4	161.0	145.6	133.0	119.1	102.0	85.5	69.7
77.5°	299.2	280.9	261.0	244.0	226.4	207.4	186.9	163.8	139.0	117.6	97.1
75°	397.3	374.2	350.4	324.5	296.9	269.1	244.9	216.6	183.0	150.2	124.2
72.5°	519.4	483.5	446.7	408.7	375.7	341.7	306.8	268.5	229.0	190.5	152.9
70°	650.1	600.6	554.3	508.7	461.2	414.2	373.6	326.3	274.4	230.0	187.0
67.5°	789.3	735.3	676.4	611.6	554.5	498.9	442.0	384.7	326.6	269.0	220.4
65°	947.3	879.1	805.5	734.4	658.7	584.5	520.8	445.1	377.7	314.0	252.9
62.5°	1121.0	1032.0	951.9	862.6	774.0	686.5	596.9	511.7	429.3	358.0	289.3
60°	1317.8	1220.3	1107.8	1007.8	901.0	793.7	687.2	576.1	486.2	400.9	326.5
57.5°	1534.4	1419.7	1299.4	1167.2	1041.7	914.8	777.3	649.6	541.0	447.4	362.2
55°	1760.7	1631.8	1495.9	1350.5	1195.6	1049.0	872.1	724.9	596.4	493.4	395.4
52.5°	2014.2	1860.0	1703.3	1539.4	1368.8	1179.4	977.3	795.9	658.5	537.4	430.7
50°	2306.2	2113.5	1927.4	1739.0	1544.4	1316.6	1075.6	880.8	716.9	581.7	464.3
47.5°	2639.4	2405.4	2174.8	1948.7	1733.4	1444.0	1183.9	961.7	771.2	629.1	495.5
45°	2984.2	2726.6	2447.3	2185.7	1886.9	1572.9	1289.4	1036.3	836.8	670.3	524.3
42.5°	3330.5	3051.6	2751.9	2424.9	2044.6	1695.1	1385.7	1120.1	897.4	708.2	554.5
40°	3715.1	3375.6	3055.7	2647.0	2187.9	1806.2	1484.8	1198.7	951.8	746.3	584.8
37.5°	4081.9	3706.5	3354.8	2816.6	2319.0	1919.9	1575.4	1269.0	1001.6	787.6	612.3
35°	4424.3	4027.2	3505.5	2954.5	2449.2	2016.2	1655.5	1335.3	1054.5	823.9	637.0
32.5°	4736.5	4232.8	3621.1	3062.0	2552.4	2094.8	1728.3	1394.4	1099.7	855.3	658.8
30°	4949.4	4309.6	3700.4	3139.8	2629.4	2170.9	1787.5	1443.3	1137.4	881.8	679.1
27.5°	4960.7	4345.3	3742.9	3188.3	2682.3	2226.8	1832.5	1482.3	1167.4	906.4	700.1
25°	4921.8	4329.6	3749.1	3206.3	2710.3	2272.5	1866.9	1511.5	1195.1	930.3	717.3
22.5°	4830.9	4273.9	3720.8	3194.1	2741.1	2304.1	1895.5	1536.4	1217.4	948.3	730.6
20°	4716.0	4183.4	3673.4	3206.0	2756.6	2324.2	1917.0	1552.6	1231.8	960.5	740.3
17.5°	4575.2	4111.5	3665.4	3203.8	2756.6	2330.2	1926.7	1560.0	1238.7	967.2	746.3
15°	4510.5	4083.3	3641.4	3186.7	2741.4	2322.4	1924.9	1559.0	1238.2	968.6	750.6
12.5°	4458.5	4039.0	3602.4	3154.9	2711.6	2301.4	1912.2	1549.8	1230.8	968.6	753.7
10°	4392.7	3978.5	3548.4	3108.3	2667.7	2267.8	1888.9	1535.7	1227.1	967.0	753.9
7.5°	4312.5	3902.1	3479.5	3047.4	2615.0	2230.2	1865.1	1520.0	1219.3	961.3	751.3
5°	4219.4	3817.8	3405.5	2989.0	2574.8	2190.4	1833.7	1496.7	1206.4	951.8	746.0
2.5°	4118.8	3730.6	3322.7	2918.2	2524.1	2140.9	1793.8	1466.5	1188.4	938.6	738.2
0°	4002.0	3628.7	3225.9	2834.3	2462.9	2082.3	1746.0	1430.1	1165.8	922.0	728.0
-2.5°	3899.4	3516.7	3121.7	2743.2	2373.7	2012.1	1694.0	1393.5	1140.7	905.7	717.3
-5°	3780.1	3390.3	3005.2	2640.4	2275.1	1934.6	1635.7	1352.1	1111.6	886.5	704.5
-7.5°	3604.9	3235.7	2872.6	2525.0	2168.4	1851.0	1571.9	1306.5	1078.9	864.7	689.7
-10°	3407.5	3060.7	2722.2	2394.5	2064.8	1768.4	1504.7	1257.4	1043.0	840.5	673.2
-12.5°	3198.8	2876.3	2563.5	2257.8	1958.0	1687.0	1440.2	1209.1	1004.7	814.1	655.0
-15°	2980.3	2684.1	2397.9	2116.3	1847.6	1601.5	1372.7	1159.9	967.1	787.0	635.4
-17.5°	2757.9	2485.6	2226.4	1971.7	1735.0	1512.6	1302.8	1108.1	927.3	759.9	615.7
-20°	2554.9	2300.2	2051.7	1825.4	1621.3	1421.2	1231.3	1054.3	885.7	731.4	595.8



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2352.6	2129.1	1904.7	1689.5	1509.9	1327.7	1158.9	998.8	842.8	701.6	574.5
-25°	2151.1	1959.0	1761.2	1576.4	1401.9	1241.0	1088.9	941.9	798.8	670.7	551.9
-27.5°	1961.2	1793.1	1617.1	1463.2	1307.5	1155.6	1021.4	888.0	756.1	639.0	528.1
-30°	1780.0	1634.7	1487.8	1352.4	1214.2	1081.2	953.7	834.2	717.1	608.4	503.2
-32.5°	1612.7	1478.4	1364.4	1249.5	1128.4	1007.4	891.0	780.7	678.0	577.8	480.0
-35°	1457.2	1344.9	1244.7	1149.9	1045.5	940.3	833.7	727.6	638.9	546.4	457.0
-37.5°	1309.1	1226.5	1140.6	1056.5	963.1	874.5	779.5	683.9	600.0	514.2	433.6
-40°	1187.4	1116.8	1045.1	967.9	890.0	810.2	725.3	642.4	562.1	481.2	409.8
-42.5°	1071.3	1016.6	954.7	882.0	822.2	750.8	671.9	600.2	525.5	451.6	385.7
-45°	968.1	921.6	868.9	814.3	757.1	692.0	624.8	557.7	488.8	423.7	362.3
-47.5°	870.8	836.3	793.5	747.8	695.0	635.4	577.2	517.1	452.1	395.7	340.0
-50°	788.9	759.1	724.7	683.3	634.1	583.6	530.4	476.7	421.3	368.2	317.2
-52.5°	717.7	689.3	658.5	620.4	578.5	531.7	487.3	437.0	389.8	341.5	294.0
-55°	650.9	623.1	594.9	562.3	524.7	485.6	444.7	401.9	357.9	315.0	270.7
-57.5°	587.8	560.7	536.5	507.2	475.7	441.6	404.7	366.3	327.4	288.0	250.0
-60°	527.2	505.1	481.2	457.2	429.7	398.7	365.7	331.2	297.0	261.4	229.1
-62.5°	471.5	451.6	431.8	410.0	384.7	356.8	326.9	297.6	266.3	237.4	207.8
-65°	419.1	402.7	383.9	363.3	340.2	315.8	290.6	263.8	238.6	213.2	186.5
-67.5°	369.2	354.0	335.7	316.7	298.4	277.9	254.4	232.9	211.5	188.7	165.4
-70°	320.4	305.6	290.4	275.9	259.3	240.6	221.9	203.2	184.2	165.2	144.2
-72.5°	273.3	261.7	249.5	236.3	222.0	206.6	190.1	173.9	158.7	141.6	122.8
-75°	227.6	218.7	209.2	198.5	186.0	172.7	159.8	146.7	133.1	118.0	103.9
-77.5°	183.6	176.7	169.2	161.4	151.9	141.7	130.8	119.5	108.5	97.5	85.8
-80°	142.1	137.7	132.7	126.7	118.8	110.6	102.7	94.7	86.2	77.2	67.5
-82.5°	103.7	100.6	97.1	92.9	87.6	82.1	76.4	70.6	63.9	56.8	49.8
-85°	68.5	66.1	63.3	60.1	56.9	53.5	50.3	46.8	42.4	37.9	33.3
-87.5°	34.0	32.7	31.2	29.7	28.3	26.8	25.2	23.4	21.2	18.9	16.7
-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: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

**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°	13.4	11.3	9.1	6.9	4.7	2.3	0.0
85°	26.7	22.6	18.3	13.9	9.3	4.6	0.0
82.5°	40.1	33.8	27.4	20.7	14.0	6.9	0.0
80°	54.5	45.0	36.4	27.6	18.6	9.1	0.0
77.5°	77.4	58.7	45.4	34.4	23.2	11.4	0.0
75°	100.0	77.0	55.3	41.2	27.7	13.6	0.0
72.5°	122.3	95.0	69.2	47.9	32.1	15.8	0.0
70°	145.0	112.6	82.9	55.1	36.5	18.0	0.0
67.5°	172.7	129.9	96.4	64.9	40.9	20.1	0.0
65°	199.6	149.1	109.5	74.4	45.1	22.2	0.0
62.5°	225.7	170.0	122.3	83.8	49.3	24.3	0.0
60°	250.8	190.2	134.7	92.8	53.3	26.3	0.0
57.5°	279.2	209.6	149.5	101.6	59.0	28.2	0.0
55°	306.7	228.2	164.0	110.1	64.6	30.1	0.0
52.5°	332.8	246.4	177.8	118.3	69.9	31.9	0.0
50°	357.4	266.4	190.9	126.2	75.1	33.7	0.0
47.5°	380.8	285.2	203.3	134.1	80.1	35.4	0.0
45°	405.2	302.7	215.0	142.8	84.9	37.0	0.0
42.5°	427.7	319.0	226.0	151.0	89.5	38.6	0.0
40°	448.2	333.9	237.1	158.9	93.8	40.1	0.0
37.5°	466.8	347.5	248.2	166.3	97.9	41.5	0.0
35°	483.3	361.0	258.4	173.2	101.8	42.8	0.0
32.5°	499.1	373.7	267.5	179.7	105.4	44.0	0.0
30°	516.2	384.8	275.7	185.6	108.8	45.2	0.0
27.5°	530.9	394.4	283.5	191.1	111.9	46.2	0.0
25°	543.3	402.5	290.3	196.0	114.7	47.2	0.0
22.5°	553.5	409.6	296.2	200.4	117.2	48.1	0.0
20°	561.3	416.5	301.1	204.3	119.5	48.9	0.0
17.5°	568.4	422.3	305.1	207.6	121.5	49.6	0.0
15°	574.2	426.9	308.2	210.5	123.2	50.2	0.0
12.5°	577.7	430.2	310.3	212.7	124.7	50.7	0.0
10°	579.1	432.3	311.6	214.5	125.8	51.1	0.0
7.5°	578.5	433.1	312.1	215.7	126.7	51.4	0.0
5°	575.9	432.8	311.7	216.4	127.2	51.6	0.0
2.5°	571.5	431.3	310.5	216.5	127.5	51.7	0.0
0°	565.4	428.6	308.6	216.2	127.5	51.7	0.0
-2.5°	558.9	424.6	307.1	215.2	127.2	51.8	0.0
-5°	550.9	419.4	304.9	213.7	126.6	51.7	0.0
-7.5°	541.4	413.2	302.0	211.8	125.7	51.6	0.0
-10°	530.6	406.1	298.4	209.3	124.6	51.4	0.0
-12.5°	518.4	398.1	294.1	206.4	123.2	51.1	0.0
-15°	504.9	389.3	289.2	203.0	121.5	50.6	0.0
-17.5°	490.3	379.8	283.7	199.3	119.6	50.1	0.0
-20°	475.2	369.5	277.4	195.0	117.5	49.5	0.0



REPORT NUMBER: P559042 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-927-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	460.0	358.7	270.6	190.4	115.1	48.8	0.0
-25°	444.0	347.9	263.2	185.4	112.4	47.9	0.0
-27.5°	427.1	336.6	255.2	180.0	109.6	47.0	0.0
-30°	409.4	324.6	246.6	174.3	106.5	46.0	0.0
-32.5°	391.1	311.9	237.8	168.2	103.3	44.9	0.0
-35°	374.0	298.6	228.5	161.8	99.8	43.7	0.0
-37.5°	357.0	285.2	218.8	155.0	96.2	42.4	0.0
-40°	339.4	272.4	208.6	148.0	92.4	41.0	0.0
-42.5°	321.3	259.0	198.5	140.7	88.4	39.5	0.0
-45°	302.6	245.3	188.4	133.2	84.3	38.0	0.0
-47.5°	283.4	231.2	178.0	125.4	80.0	36.3	0.0
-50°	265.9	216.8	167.3	118.4	75.5	34.6	0.0
-52.5°	248.3	202.0	156.2	111.6	71.0	32.8	0.0
-55°	230.5	187.7	144.8	104.5	66.3	31.0	0.0
-57.5°	212.4	173.2	133.1	97.2	61.4	29.0	0.0
-60°	194.2	158.4	121.2	89.8	56.5	27.1	0.0
-62.5°	176.3	143.3	111.2	82.2	52.3	25.0	0.0
-65°	158.1	128.0	100.9	74.4	47.9	22.9	0.0
-67.5°	139.7	113.7	90.5	66.5	43.5	20.8	0.0
-70°	121.1	100.7	79.9	58.5	38.9	18.6	0.0
-72.5°	105.0	87.5	69.2	51.2	34.3	16.3	0.0
-75°	89.3	74.1	58.4	44.0	29.5	14.1	0.0
-77.5°	73.4	60.7	48.6	36.8	24.7	11.8	0.0
-80°	57.4	48.2	39.0	29.5	19.8	9.5	0.0
-82.5°	42.9	36.2	29.3	22.2	14.9	7.1	0.0
-85°	28.6	24.2	19.5	14.8	10.0	4.7	0.0
-87.5°	14.3	12.1	9.8	7.4	5.0	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)