

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: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-940-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558842 (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-SA3D-940-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

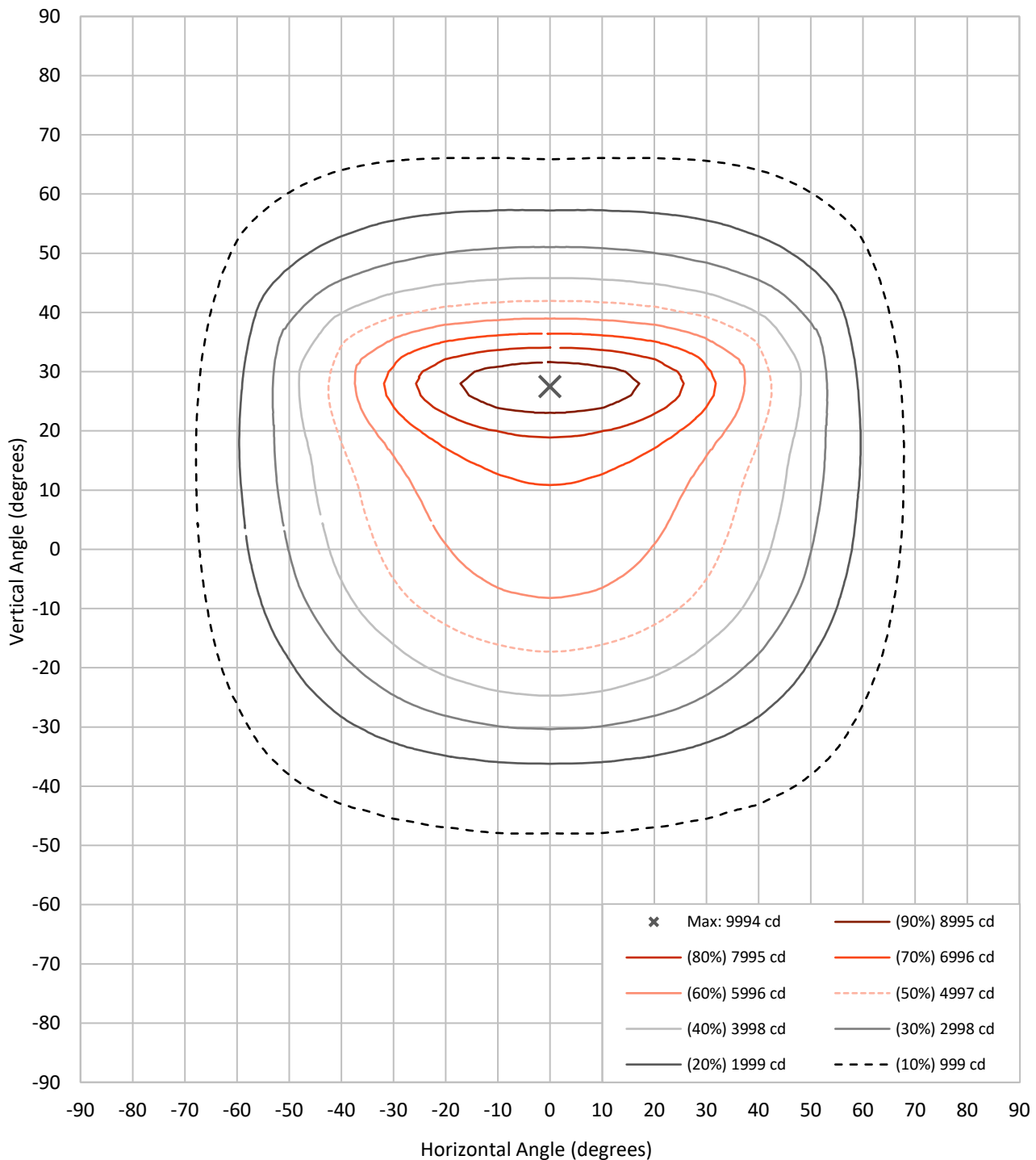
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	14569.5 lumens	Max Intensity:	9994 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	92.2 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:	7556.4 lumens	Field Lumens:	13478 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	158		
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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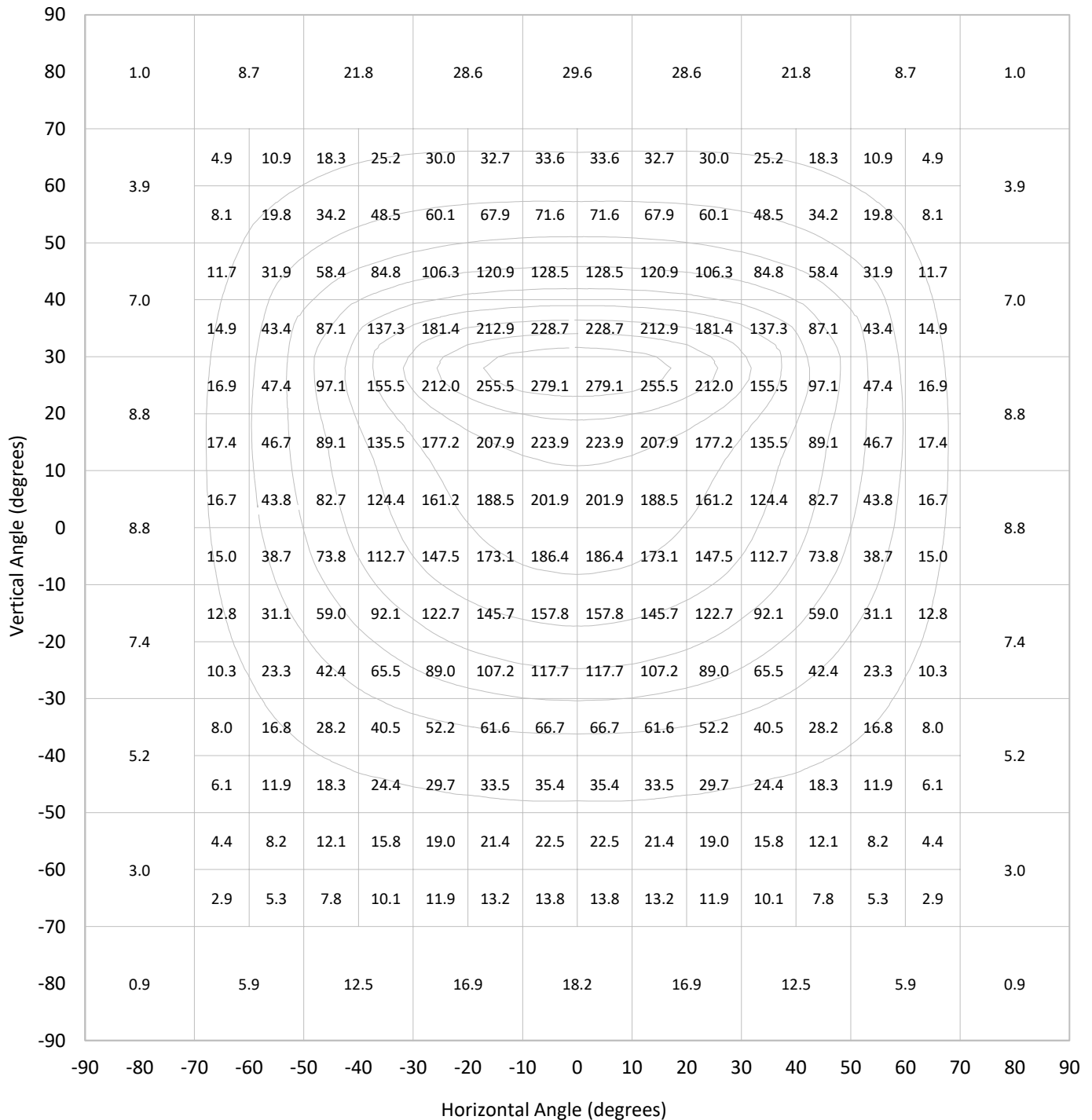
### Iso-Candela Plot





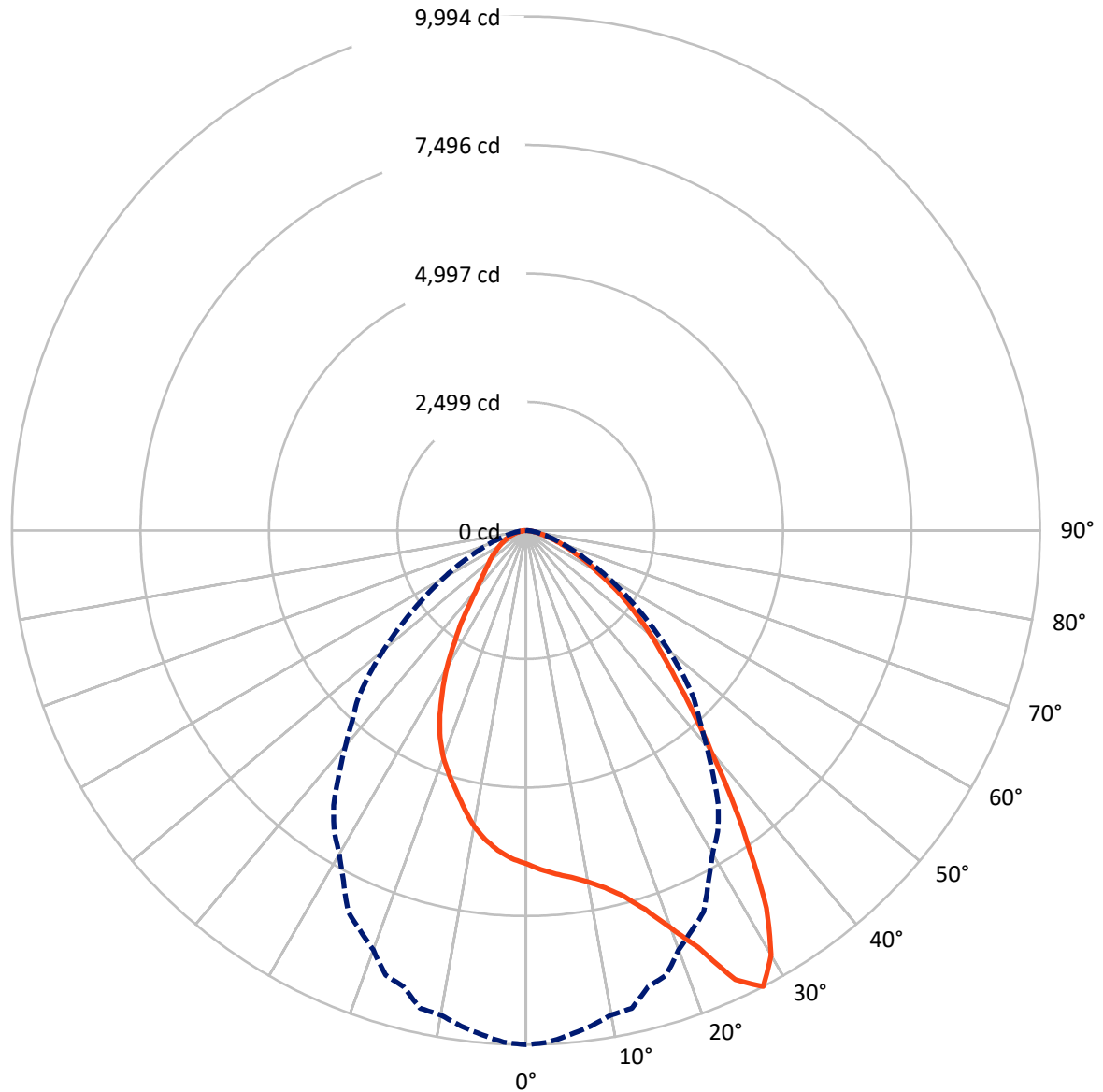
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### Lumen Table



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
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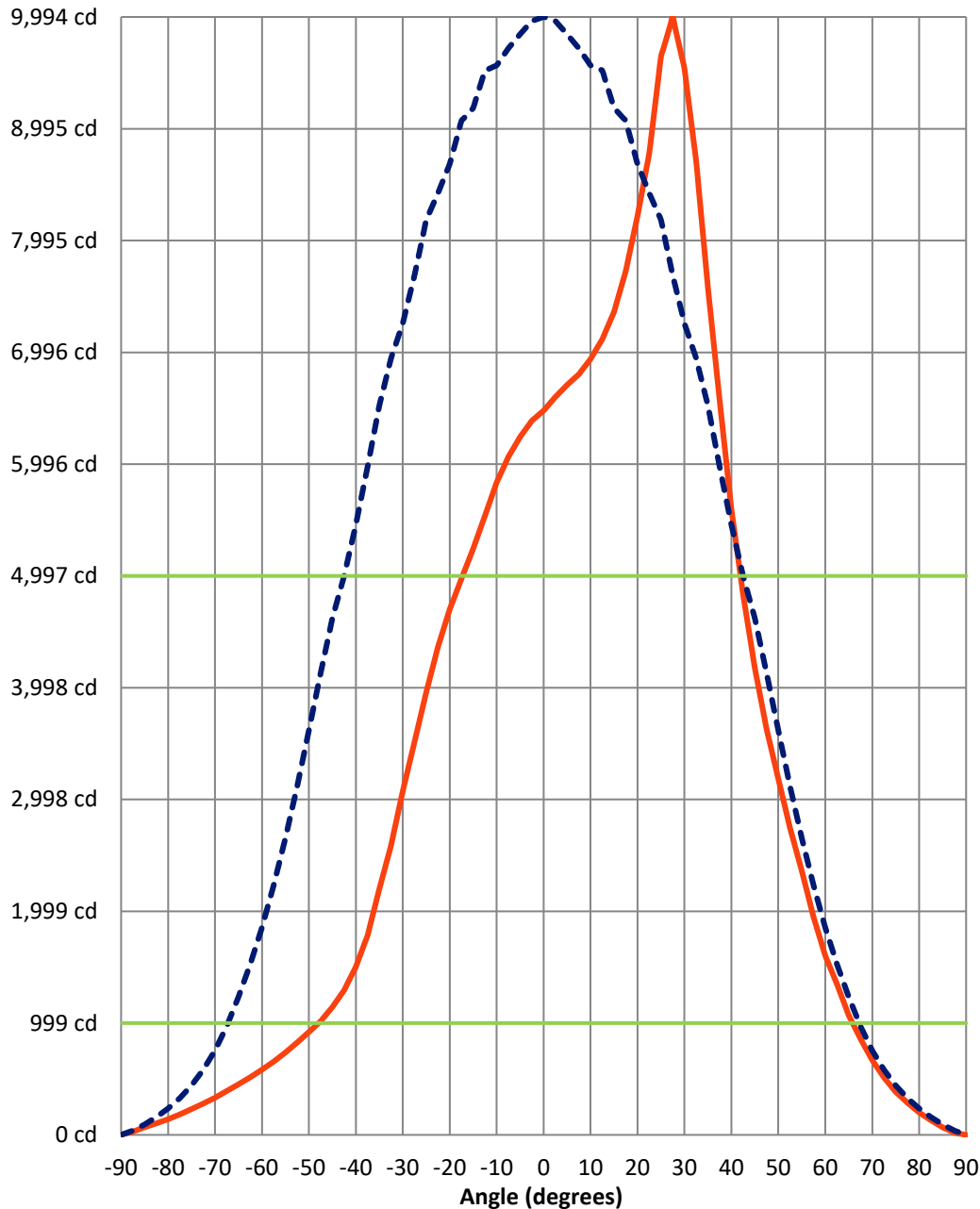
### Luminous Intensity Polar Plot



— 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: 7556.4  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 13478  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1091.5  
 Efficiency: 7.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.9	3.9	5.8	7.6	9.4	11.1	12.8	14.4	16.0	17.5
85°	0.0	3.8	7.8	11.5	15.2	18.8	22.2	25.6	28.9	32.0	35.1
82.5°	0.0	5.7	11.6	17.3	22.8	28.1	33.3	38.4	44.1	53.8	63.9
80°	0.0	7.6	15.5	23.0	30.3	37.4	45.3	57.9	71.2	84.9	99.2
77.5°	0.0	9.5	19.3	28.6	37.8	48.8	64.4	80.8	97.9	115.7	136.3
75°	0.0	11.3	23.0	34.3	46.0	64.0	83.2	103.3	125.0	152.3	180.2
72.5°	0.0	13.2	26.7	39.8	57.6	79.0	101.8	127.3	158.5	190.6	223.5
70°	0.0	15.0	30.4	45.8	69.0	93.7	120.6	155.6	191.5	228.4	271.6
67.5°	0.0	16.7	34.0	54.0	80.2	108.1	143.7	183.4	223.9	271.8	320.1
65°	0.0	18.5	37.5	61.9	91.1	124.1	166.1	210.5	261.3	314.2	370.4
62.5°	0.0	20.2	41.0	69.7	101.7	141.5	187.8	240.7	297.9	357.2	425.7
60°	0.0	21.8	44.3	77.2	112.0	158.3	208.7	271.6	333.5	404.5	479.3
57.5°	0.0	23.5	49.1	84.5	124.4	174.5	232.3	301.3	372.2	450.1	540.5
55°	0.0	25.0	53.7	91.6	136.4	189.9	255.2	329.0	410.5	496.2	603.1
52.5°	0.0	26.6	58.2	98.4	147.9	205.1	276.9	358.3	447.1	547.9	662.2
50°	0.0	28.0	62.5	104.9	158.9	221.7	297.3	386.3	484.1	596.4	732.8
47.5°	0.0	29.4	66.6	111.5	169.2	237.3	316.8	412.3	523.5	641.6	800.2
45°	0.0	30.8	70.6	118.8	179.0	251.9	337.1	436.3	557.7	696.3	862.2
42.5°	0.0	32.1	74.4	125.6	188.1	265.4	355.9	461.4	589.2	746.6	932.0
40°	0.0	33.3	78.0	132.1	197.3	277.9	373.0	486.6	621.0	791.9	997.4
37.5°	0.0	34.5	81.4	138.3	206.6	289.1	388.4	509.5	655.3	833.3	1055.9
35°	0.0	35.6	84.7	144.1	215.0	300.4	402.1	530.0	685.5	877.4	1111.1
32.5°	0.0	36.6	87.7	149.5	222.7	310.9	415.3	548.2	711.6	915.0	1160.2
30°	0.0	37.6	90.5	154.5	229.5	320.2	429.5	565.1	733.6	946.4	1200.9
27.5°	0.0	38.5	93.1	159.0	235.9	328.2	441.7	582.5	754.1	971.4	1233.3
25°	0.0	39.3	95.4	163.1	241.6	334.9	452.1	596.8	774.0	994.4	1257.7
22.5°	0.0	40.0	97.5	166.8	246.5	340.8	460.5	607.9	789.0	1012.9	1278.4
20°	0.0	40.7	99.4	170.0	250.6	346.6	467.1	616.0	799.2	1025.0	1291.9
17.5°	0.0	41.2	101.1	172.8	253.9	351.4	473.0	621.0	804.8	1030.7	1298.1
15°	0.0	41.7	102.5	175.1	256.4	355.2	477.7	624.5	805.9	1030.3	1297.2
12.5°	0.0	42.1	103.7	177.0	258.2	357.9	480.7	627.1	805.9	1024.1	1289.5
10°	0.0	42.5	104.7	178.5	259.3	359.7	481.8	627.2	804.6	1021.0	1277.8
7.5°	0.0	42.7	105.4	179.5	259.6	360.4	481.3	625.1	799.8	1014.6	1264.7
5°	0.0	42.9	105.9	180.1	259.3	360.2	479.2	620.7	791.9	1003.8	1245.3
2.5°	0.0	43.0	106.1	180.2	258.3	358.9	475.5	614.2	780.9	988.8	1220.2
0°	0.0	43.0	106.1	179.9	256.7	356.7	470.4	605.7	767.1	970.0	1189.9
-2.5°	0.0	43.1	105.8	179.1	255.5	353.3	465.0	596.8	753.5	949.1	1159.4
-5°	0.0	43.0	105.4	177.8	253.6	349.0	458.4	586.2	737.6	924.9	1125.0
-7.5°	0.0	42.9	104.6	176.2	251.2	343.9	450.5	573.9	719.5	897.7	1087.0
-10°	0.0	42.7	103.7	174.2	248.3	338.0	441.4	560.1	699.3	867.8	1046.2
-12.5°	0.0	42.5	102.5	171.7	244.7	331.3	431.3	545.0	677.3	836.0	1006.0
-15°	0.0	42.1	101.1	168.9	240.6	324.0	420.1	528.7	654.8	804.6	965.0
-17.5°	0.0	41.7	99.5	165.8	236.0	316.0	408.0	512.3	632.3	771.5	922.0
-20°	0.0	41.2	97.7	162.3	230.9	307.5	395.4	495.8	608.6	737.0	877.2



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 CATALOG NUMBER: GFLD-SA3D-940-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	40.6	95.7	158.4	225.2	298.5	382.8	478.0	583.8	701.3	831.0
-25°	0.0	39.9	93.6	154.2	219.0	289.5	369.4	459.2	558.1	664.6	783.7
-27.5°	0.0	39.1	91.2	149.8	212.3	280.1	355.3	439.4	531.7	629.1	738.8
-30°	0.0	38.3	88.7	145.0	205.2	270.1	340.7	418.7	506.2	596.7	694.1
-32.5°	0.0	37.3	85.9	139.9	197.8	259.6	325.4	399.4	480.8	564.2	649.6
-35°	0.0	36.3	83.1	134.6	190.1	248.5	311.2	380.3	454.7	531.7	605.5
-37.5°	0.0	35.2	80.1	129.0	182.0	237.4	297.1	360.8	427.8	499.3	569.1
-40°	0.0	34.1	76.9	123.1	173.5	226.6	282.5	341.0	400.4	467.7	534.6
-42.5°	0.0	32.9	73.6	117.1	165.1	215.5	267.4	320.9	375.7	437.2	499.4
-45°	0.0	31.6	70.1	110.8	156.7	204.1	251.8	301.5	352.5	406.7	464.0
-47.5°	0.0	30.2	66.6	104.3	148.1	192.4	235.9	282.9	329.3	376.2	430.3
-50°	0.0	28.8	62.9	98.5	139.2	180.3	221.2	263.9	306.4	350.5	396.6
-52.5°	0.0	27.3	59.1	92.8	129.9	168.0	206.6	244.6	284.2	324.4	363.6
-55°	0.0	25.8	55.1	86.9	120.5	156.1	191.8	225.3	262.1	297.8	334.4
-57.5°	0.0	24.2	51.1	80.9	110.7	144.1	176.7	208.0	239.6	272.4	304.8
-60°	0.0	22.5	47.0	74.7	100.9	131.8	161.5	190.6	217.5	247.1	275.6
-62.5°	0.0	20.8	43.5	68.4	92.5	119.2	146.7	172.9	197.5	221.6	247.6
-65°	0.0	19.1	39.9	61.9	84.0	106.5	131.6	155.1	177.4	198.5	219.5
-67.5°	0.0	17.3	36.2	55.3	75.3	94.7	116.3	137.6	157.0	176.0	193.8
-70°	0.0	15.5	32.4	48.7	66.5	83.8	100.8	120.0	137.4	153.3	169.1
-72.5°	0.0	13.6	28.5	42.6	57.6	72.8	87.4	102.2	117.9	132.0	144.7
-75°	0.0	11.7	24.6	36.7	48.6	61.7	74.3	86.5	98.2	110.8	122.0
-77.5°	0.0	9.8	20.6	30.6	40.4	50.5	61.1	71.4	81.1	90.3	99.4
-80°	0.0	7.9	16.5	24.6	32.4	40.1	47.7	56.2	64.2	71.8	78.8
-82.5°	0.0	5.9	12.4	18.5	24.4	30.1	35.7	41.5	47.3	53.2	58.8
-85°	0.0	4.0	8.3	12.3	16.3	20.1	23.8	27.7	31.5	35.2	38.9
-87.5°	0.0	2.0	4.2	6.2	8.1	10.1	11.9	13.9	15.8	17.6	19.5
-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: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	18.5	19.2	19.8	20.3	21.1	21.8	22.3	22.8	23.2	23.6	23.8
85°	36.9	38.5	43.0	47.4	51.9	56.0	59.7	62.9	65.5	67.6	69.3
82.5°	72.1	79.8	87.1	94.0	100.3	105.9	111.3	117.5	122.5	126.6	130.0
80°	110.6	121.2	133.9	145.9	156.7	166.6	175.6	183.7	190.1	196.4	202.6
77.5°	155.5	172.6	188.4	203.1	217.2	233.7	248.9	262.9	273.7	281.9	288.1
75°	203.8	224.0	247.1	270.0	291.5	311.3	330.5	354.0	373.0	387.4	398.9
72.5°	255.3	284.4	312.6	340.0	371.6	402.3	432.1	460.9	486.2	504.8	519.9
70°	310.9	344.7	383.7	423.2	461.2	499.8	540.9	578.3	609.3	631.2	652.0
67.5°	367.8	415.1	461.3	508.9	562.7	611.8	656.7	704.0	745.8	773.2	797.2
65°	433.3	486.2	548.0	611.1	670.2	731.4	788.2	839.5	892.2	930.4	961.9
62.5°	496.6	571.1	644.0	717.7	792.0	858.6	932.7	998.8	1051.7	1106.5	1153.4
60°	571.7	660.3	749.6	838.5	921.7	1015.3	1096.5	1173.3	1244.0	1305.1	1362.8
57.5°	646.7	761.1	866.7	971.1	1081.1	1181.2	1276.7	1362.6	1447.2	1517.9	1587.2
55°	725.6	872.8	994.8	1123.7	1244.7	1357.7	1465.0	1572.7	1662.9	1760.2	1844.9
52.5°	813.2	981.4	1138.9	1280.9	1417.2	1547.6	1675.9	1805.5	1932.2	2033.1	2128.9
50°	895.0	1095.5	1285.0	1447.0	1603.7	1758.5	1918.8	2080.9	2220.5	2336.0	2435.6
47.5°	985.1	1201.5	1442.2	1621.4	1809.5	2001.3	2196.0	2375.1	2527.1	2684.1	2794.1
45°	1072.9	1308.8	1570.0	1818.6	2036.2	2268.6	2483.0	2680.5	2900.8	3072.3	3219.4
42.5°	1153.0	1410.4	1701.2	2017.6	2289.7	2539.1	2771.2	3049.0	3302.1	3502.6	3686.0
40°	1235.5	1502.9	1820.4	2202.4	2542.5	2808.7	3091.1	3398.2	3727.7	3974.3	4193.7
37.5°	1310.8	1597.5	1929.5	2343.5	2791.4	3084.0	3396.3	3729.4	4105.1	4476.1	4739.8
35°	1377.5	1677.6	2037.8	2458.3	2916.8	3350.8	3681.2	4035.9	4447.0	4928.5	5288.5
32.5°	1438.0	1743.0	2123.7	2547.8	3012.9	3521.9	3941.0	4305.2	4717.6	5214.5	5825.8
30°	1487.3	1806.3	2187.7	2612.5	3078.9	3585.8	4118.1	4514.9	4906.4	5393.9	5962.9
27.5°	1524.7	1852.7	2231.7	2652.8	3114.3	3615.5	4127.5	4617.0	4996.0	5454.7	5972.2
25°	1553.4	1890.8	2255.1	2667.8	3119.4	3602.5	4095.1	4558.4	4983.8	5388.2	5852.6
22.5°	1577.2	1917.0	2280.7	2657.7	3095.9	3556.1	4019.5	4461.1	4872.9	5251.5	5650.9
20°	1595.0	1933.8	2293.6	2667.6	3056.4	3480.7	3923.9	4344.2	4741.9	5108.6	5433.6
17.5°	1603.1	1938.8	2293.6	2665.7	3049.8	3420.9	3806.8	4210.8	4601.8	4966.1	5287.2
15°	1601.6	1932.3	2281.0	2651.5	3029.8	3397.5	3752.9	4086.3	4450.4	4818.6	5138.6
12.5°	1591.0	1914.8	2256.1	2625.0	2997.3	3360.6	3709.6	4044.3	4370.8	4679.2	4985.1
10°	1571.6	1886.9	2219.6	2586.2	2952.4	3310.3	3654.9	3990.7	4313.8	4616.5	4901.4
7.5°	1551.8	1855.6	2175.8	2535.5	2895.1	3246.7	3588.2	3924.6	4241.4	4543.5	4831.2
5°	1525.7	1822.4	2142.3	2486.9	2833.6	3176.5	3510.7	3845.5	4153.9	4458.7	4747.6
2.5°	1492.4	1781.3	2100.1	2428.0	2764.7	3104.0	3427.0	3755.5	4071.7	4364.7	4649.3
0°	1452.7	1732.5	2049.2	2358.2	2684.1	3019.2	3329.8	3651.1	3980.1	4256.8	4535.0
-2.5°	1409.4	1674.1	1975.0	2282.4	2597.4	2926.0	3244.4	3549.1	3870.8	4150.4	4434.6
-5°	1360.9	1609.6	1892.9	2196.9	2500.5	2820.8	3145.2	3434.8	3742.1	4018.7	4298.2
-7.5°	1307.9	1540.0	1804.2	2100.9	2390.1	2692.2	2999.4	3278.1	3576.8	3850.4	4122.6
-10°	1252.0	1471.4	1718.0	1992.3	2265.0	2546.6	2835.2	3108.0	3395.3	3667.7	3929.7
-12.5°	1198.3	1403.7	1629.1	1878.5	2133.0	2393.2	2661.5	2924.9	3197.5	3471.2	3716.1
-15°	1142.1	1332.5	1537.2	1760.8	1995.2	2233.3	2479.7	2729.0	2984.8	3252.6	3478.8
-17.5°	1084.0	1258.6	1443.5	1640.5	1852.5	2068.2	2294.7	2535.3	2769.4	3013.3	3232.1
-20°	1024.5	1182.5	1349.0	1518.8	1707.1	1913.9	2125.8	2341.7	2554.4	2766.9	2972.4



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	964.2	1104.8	1256.3	1405.6	1584.8	1771.5	1957.4	2144.9	2335.7	2518.6	2713.0
-25°	905.9	1032.6	1166.5	1311.6	1465.4	1630.0	1789.8	1948.2	2117.4	2288.9	2456.2
-27.5°	849.8	961.5	1087.9	1217.4	1345.5	1492.0	1631.8	1766.1	1913.8	2065.0	2200.2
-30°	793.5	899.6	1010.3	1125.2	1237.9	1360.2	1481.1	1598.8	1719.2	1848.7	1965.8
-32.5°	741.3	838.1	938.9	1039.6	1135.3	1230.1	1341.9	1446.5	1544.9	1637.2	1739.4
-35°	693.6	782.4	869.9	956.8	1035.6	1119.0	1212.5	1300.6	1379.6	1453.7	1531.8
-37.5°	648.6	727.6	801.4	879.0	949.0	1020.5	1089.3	1165.5	1229.6	1288.8	1352.9
-40°	603.5	674.1	740.6	805.4	869.6	929.3	987.9	1039.8	1091.3	1148.3	1192.4
-42.5°	559.1	624.7	684.1	733.9	794.4	845.8	891.4	934.4	976.5	1020.9	1056.2
-45°	519.9	575.8	629.9	677.6	723.0	766.8	805.5	839.2	879.1	910.0	936.7
-47.5°	480.3	528.7	578.3	622.3	660.2	695.8	724.6	758.5	791.1	817.6	833.2
-50°	441.3	485.6	527.6	568.6	603.0	631.6	656.4	684.3	711.5	733.9	748.7
-52.5°	405.4	442.4	481.3	516.2	547.9	573.5	597.2	621.5	641.4	656.8	676.2
-55°	369.9	404.1	436.5	467.9	495.0	518.5	541.6	563.2	580.2	593.5	609.6
-57.5°	336.7	367.4	395.8	422.1	446.4	466.6	489.1	507.5	523.4	535.8	552.4
-60°	304.2	331.7	357.5	380.4	400.4	420.3	438.7	455.6	469.4	481.7	496.9
-62.5°	272.0	296.8	320.0	341.1	359.2	375.7	392.3	406.7	418.3	431.1	443.7
-65°	241.8	262.7	283.1	302.2	319.4	335.1	348.7	360.4	371.3	382.6	392.8
-67.5°	211.6	231.2	248.2	263.5	279.3	294.5	307.2	318.0	327.1	336.3	344.8
-70°	184.6	200.2	215.8	229.5	241.6	254.3	266.6	276.7	284.8	292.1	299.0
-72.5°	158.1	171.9	184.8	196.6	207.6	217.8	227.4	236.6	244.2	249.9	254.8
-75°	133.0	143.7	154.7	165.1	174.0	181.9	189.3	196.7	202.8	207.7	211.7
-77.5°	108.9	117.9	126.4	134.3	140.7	147.0	152.7	158.1	162.8	166.5	169.2
-80°	85.5	92.0	98.9	105.4	110.4	114.6	118.2	121.4	124.9	128.4	131.6
-82.5°	63.6	68.3	72.9	77.3	80.8	83.7	86.2	88.7	91.2	93.5	95.5
-85°	41.8	44.5	47.3	50.0	52.6	55.0	57.0	58.7	60.1	61.3	62.2
-87.5°	20.9	22.3	23.5	24.7	25.9	27.2	28.3	29.3	30.0	30.6	31.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	23.9	24.0	24.0	23.8	23.7	22.7	21.7	20.5	19.3	19.9	20.4
85°	70.5	70.8	70.5	69.8	68.7	68.6	68.4	67.9	67.3	68.3	69.2
82.5°	132.6	133.6	133.8	133.1	131.8	132.4	132.6	132.4	131.6	132.5	133.1
80°	207.3	209.2	209.3	207.9	205.1	205.5	205.7	205.1	203.8	204.1	204.0
77.5°	295.3	299.9	301.5	300.8	298.0	297.1	295.1	291.1	285.2	285.1	285.2
75°	407.6	412.2	414.7	414.5	411.8	410.0	407.4	402.8	396.2	395.9	395.9
72.5°	531.5	538.3	541.4	544.2	544.1	543.1	539.8	532.9	522.7	521.5	522.7
70°	668.3	679.8	687.1	692.7	697.2	698.1	695.9	690.3	681.5	679.1	678.4
67.5°	820.7	839.1	853.0	862.3	871.0	877.3	879.7	877.2	870.0	867.6	868.6
65°	991.5	1019.9	1043.3	1060.9	1072.7	1081.0	1088.3	1092.6	1093.7	1096.2	1099.6
62.5°	1191.0	1225.9	1258.5	1280.8	1292.2	1300.3	1323.7	1337.2	1341.1	1341.9	1347.1
60°	1413.8	1457.9	1498.6	1531.3	1557.7	1577.7	1597.7	1610.8	1615.8	1616.8	1623.9
57.5°	1657.5	1712.8	1760.5	1811.1	1846.4	1866.8	1893.5	1920.9	1935.3	1939.4	1956.3
55°	1927.0	2002.5	2064.3	2118.4	2167.8	2211.1	2247.8	2276.1	2297.0	2309.6	2332.0
52.5°	2225.0	2313.8	2378.4	2442.0	2512.7	2562.5	2595.1	2647.5	2685.4	2706.2	2732.9
50°	2552.2	2651.2	2739.2	2805.9	2888.1	2956.2	3005.8	3055.4	3090.1	3110.0	3135.8
47.5°	2924.7	3046.6	3148.8	3210.6	3306.1	3386.3	3418.6	3456.0	3521.4	3552.8	3580.4
45°	3344.2	3499.6	3613.2	3709.8	3791.9	3881.8	3940.7	3983.3	4047.7	4080.0	4100.4
42.5°	3843.3	4016.2	4165.7	4281.8	4350.8	4467.4	4552.6	4576.5	4667.7	4729.6	4747.8
40°	4403.0	4594.6	4791.9	4924.2	5035.3	5153.8	5294.2	5372.3	5449.5	5510.1	5523.8
37.5°	4986.2	5242.8	5468.0	5638.8	5822.4	5997.2	6146.0	6227.1	6277.7	6393.7	6437.0
35°	5579.1	5843.9	6159.3	6424.7	6647.3	6863.1	7032.8	7166.5	7293.8	7398.2	7460.8
32.5°	6084.1	6369.0	6758.4	7155.8	7396.1	7629.8	7908.7	8061.6	8231.4	8369.0	8469.5
30°	6499.0	6769.9	7124.4	7623.1	7952.1	8189.0	8541.9	8753.4	8938.3	9171.5	9252.7
27.5°	6518.6	6942.0	7255.6	7685.0	8178.8	8419.2	8680.4	9064.8	9181.4	9513.9	9561.8
25°	6347.5	6792.1	7114.2	7472.8	7883.3	8175.8	8414.3	8733.9	8901.3	9115.1	9279.4
22.5°	6079.9	6471.7	6800.3	7104.4	7424.7	7691.0	7909.1	8133.7	8317.4	8483.3	8637.5
20°	5784.4	6156.2	6467.9	6729.4	6983.2	7230.1	7426.2	7614.9	7773.8	7916.2	8003.9
17.5°	5576.2	5843.8	6162.2	6430.0	6650.2	6844.0	7046.8	7204.7	7344.0	7472.2	7552.4
15°	5434.1	5688.5	5915.2	6161.0	6393.0	6577.7	6730.4	6893.4	7013.8	7124.2	7211.1
12.5°	5286.6	5548.7	5786.0	5990.7	6172.3	6374.0	6537.3	6665.5	6791.8	6878.4	6967.7
10°	5163.3	5408.7	5654.8	5870.9	6062.0	6228.2	6382.8	6526.5	6639.9	6737.1	6807.4
7.5°	5091.9	5332.4	5553.6	5761.0	5947.2	6124.4	6283.8	6415.6	6527.9	6628.5	6702.1
5°	5008.9	5247.1	5467.9	5679.8	5858.7	6028.9	6187.7	6323.2	6439.5	6529.1	6599.6
2.5°	4913.9	5148.8	5369.0	5584.4	5763.2	5927.4	6077.7	6209.9	6331.1	6416.5	6476.5
0°	4805.6	5040.8	5256.0	5458.9	5638.8	5815.6	5953.9	6087.7	6206.1	6290.6	6350.6
-2.5°	4696.4	4930.1	5152.9	5347.3	5525.9	5689.1	5836.4	5962.7	6075.7	6159.9	6212.5
-5°	4551.2	4783.4	5003.3	5199.2	5385.7	5549.6	5692.8	5821.2	5930.1	6021.9	6093.3
-7.5°	4375.3	4610.3	4829.9	5029.9	5215.5	5370.3	5507.8	5637.2	5753.5	5853.8	5941.7
-10°	4182.0	4414.4	4621.8	4809.2	4982.1	5139.5	5285.8	5413.6	5520.2	5618.4	5692.4
-12.5°	3956.8	4172.0	4374.9	4559.6	4728.7	4886.3	5025.4	5147.2	5254.4	5341.5	5408.1
-15°	3708.3	3912.6	4104.9	4293.6	4470.6	4625.8	4748.2	4876.6	4969.5	5054.0	5114.0
-17.5°	3442.5	3640.0	3842.2	4031.4	4194.9	4348.0	4482.6	4599.9	4697.5	4774.9	4842.7
-20°	3173.1	3374.2	3568.8	3749.2	3906.4	4048.3	4184.6	4297.3	4397.3	4481.6	4561.0



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2902.5	3087.0	3269.6	3446.1	3594.7	3729.0	3848.3	3956.1	4044.3	4143.7	4213.8
-25°	2624.5	2786.2	2951.2	3107.0	3247.6	3379.5	3487.7	3582.2	3674.1	3770.1	3838.4
-27.5°	2345.3	2488.2	2622.2	2760.1	2883.2	2997.5	3097.9	3180.6	3269.9	3333.9	3409.1
-30°	2069.1	2198.7	2310.5	2406.4	2522.2	2620.3	2698.4	2780.6	2854.3	2915.5	2978.8
-32.5°	1835.2	1923.9	2013.1	2093.3	2170.3	2250.9	2313.9	2385.6	2436.2	2488.9	2540.0
-35°	1610.5	1678.7	1738.0	1813.0	1870.8	1914.6	1967.1	2019.7	2040.0	2097.3	2127.8
-37.5°	1406.9	1451.7	1507.0	1559.3	1602.1	1634.9	1681.7	1709.2	1723.7	1760.8	1780.7
-40°	1232.7	1260.9	1312.6	1348.3	1374.1	1397.9	1436.7	1454.7	1474.5	1492.9	1493.4
-42.5°	1079.4	1115.8	1150.8	1178.8	1195.1	1222.3	1240.6	1242.6	1268.2	1284.6	1287.2
-45°	954.1	991.1	1018.8	1039.4	1055.6	1079.0	1090.8	1097.4	1118.3	1129.4	1134.3
-47.5°	857.8	883.6	907.6	923.5	944.8	962.1	970.8	981.8	997.9	1008.1	1015.3
-50°	773.1	793.6	811.9	826.4	847.7	863.0	871.3	884.9	896.9	904.2	910.0
-52.5°	698.6	716.9	729.6	743.8	761.4	775.0	785.5	798.9	808.9	815.4	820.5
-55°	628.9	646.1	658.5	673.9	686.5	695.6	704.6	717.7	727.5	734.1	738.5
-57.5°	567.4	580.3	592.4	606.4	618.4	628.4	636.4	643.6	650.1	655.5	659.8
-60°	509.8	520.3	531.4	542.4	551.4	558.6	567.2	573.8	577.9	580.5	584.0
-62.5°	454.4	463.9	473.7	482.5	489.8	495.8	502.7	508.2	512.0	514.8	516.8
-65°	401.8	409.9	418.3	425.6	431.8	437.0	442.0	445.8	448.5	450.8	452.6
-67.5°	352.6	359.0	364.8	369.9	374.6	379.0	383.3	386.2	387.8	389.7	391.5
-70°	305.0	310.1	314.0	317.1	319.8	323.3	327.5	330.3	332.0	333.8	335.6
-72.5°	259.1	262.8	266.0	268.5	270.0	272.3	275.1	277.5	279.3	280.7	281.3
-75°	214.8	217.9	220.7	222.7	223.8	225.4	226.9	227.6	227.7	228.4	228.8
-77.5°	171.6	174.6	177.2	179.1	180.2	181.5	182.6	183.2	183.3	183.3	182.9
-80°	133.9	136.0	137.7	139.0	139.9	140.8	141.3	141.4	141.1	141.4	141.5
-82.5°	97.3	99.2	100.7	101.8	102.6	103.5	104.3	104.8	105.1	105.2	105.0
-85°	63.0	63.8	64.6	65.4	66.0	66.5	66.7	66.7	66.6	66.6	66.5
-87.5°	31.5	31.1	30.6	30.0	29.3	29.5	29.6	29.7	29.7	30.0	30.2
-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: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	20.9	21.4	19.9	18.4	19.9	21.4	20.9	20.4	19.9	19.3	20.5
85°	69.8	70.3	69.1	67.6	69.1	70.3	69.8	69.2	68.3	67.3	67.9
82.5°	133.2	133.0	132.0	130.7	132.0	133.0	133.2	133.1	132.5	131.6	132.4
80°	203.3	201.9	201.1	199.8	201.1	201.9	203.3	204.0	204.1	203.8	205.1
77.5°	284.5	283.0	285.5	287.5	285.5	283.0	284.5	285.2	285.1	285.2	291.1
75°	394.4	391.4	388.5	384.3	388.5	391.4	394.4	395.9	395.9	396.2	402.8
72.5°	522.2	519.8	517.4	513.5	517.4	519.8	522.2	522.7	521.5	522.7	532.9
70°	674.3	667.2	668.4	668.7	668.4	667.2	674.3	678.4	679.1	681.5	690.3
67.5°	865.8	859.3	860.1	859.3	860.1	859.3	865.8	868.6	867.6	870.0	877.2
65°	1097.6	1090.3	1081.4	1068.4	1081.4	1090.3	1097.6	1099.6	1096.2	1093.7	1092.6
62.5°	1346.4	1340.0	1343.7	1346.7	1343.7	1340.0	1346.4	1347.1	1341.9	1341.1	1337.2
60°	1622.7	1613.7	1609.2	1601.9	1609.2	1613.7	1622.7	1623.9	1616.8	1615.8	1610.8
57.5°	1964.0	1962.4	1958.4	1947.8	1958.4	1962.4	1964.0	1956.3	1939.4	1935.3	1920.9
55°	2342.5	2340.4	2349.1	2359.7	2349.1	2340.4	2342.5	2332.0	2309.6	2297.0	2276.1
52.5°	2752.6	2759.5	2757.0	2742.5	2757.0	2759.5	2752.6	2732.9	2706.2	2685.4	2647.5
50°	3158.5	3166.3	3174.6	3182.2	3174.6	3166.3	3158.5	3135.8	3110.0	3090.1	3055.4
47.5°	3618.6	3639.0	3642.6	3628.0	3642.6	3639.0	3618.6	3580.4	3552.8	3521.4	3456.0
45°	4141.2	4153.6	4159.8	4172.2	4159.8	4153.6	4141.2	4100.4	4080.0	4047.7	3983.3
42.5°	4800.2	4814.5	4816.8	4830.2	4816.8	4814.5	4800.2	4747.8	4729.6	4667.7	4576.5
40°	5582.4	5605.6	5601.6	5595.8	5601.6	5605.6	5582.4	5523.8	5510.1	5449.5	5372.3
37.5°	6498.0	6537.4	6541.5	6565.8	6541.5	6537.4	6498.0	6437.0	6393.7	6277.7	6227.1
35°	7525.5	7571.9	7563.9	7575.8	7563.9	7571.9	7525.5	7460.8	7398.2	7293.8	7166.5
32.5°	8562.1	8631.6	8645.6	8704.2	8645.6	8631.6	8562.1	8469.5	8369.0	8231.4	8061.6
30°	9376.5	9474.0	9537.6	9532.8	9537.6	9474.0	9376.5	9252.7	9171.5	8938.3	8753.4
27.5°	9713.8	9840.1	9958.3	9994.0	9958.3	9840.1	9713.8	9561.8	9513.9	9181.4	9064.8
25°	9384.7	9476.9	9581.3	9637.3	9581.3	9476.9	9384.7	9279.4	9115.1	8901.3	8733.9
22.5°	8708.3	8768.3	8803.9	8774.9	8803.9	8768.3	8708.3	8637.5	8483.3	8317.4	8133.7
20°	8094.7	8170.6	8184.7	8215.3	8184.7	8170.6	8094.7	8003.9	7916.2	7773.8	7614.9
17.5°	7637.9	7687.6	7716.8	7723.4	7716.8	7687.6	7637.9	7552.4	7472.2	7344.0	7204.7
15°	7279.9	7319.7	7345.9	7357.5	7345.9	7319.7	7279.9	7211.1	7124.2	7013.8	6893.4
12.5°	7026.2	7074.8	7098.6	7113.1	7098.6	7074.8	7026.2	6967.7	6878.4	6791.8	6665.5
10°	6863.5	6910.4	6929.3	6936.3	6929.3	6910.4	6863.5	6807.4	6737.1	6639.9	6526.5
7.5°	6746.7	6776.8	6789.5	6799.5	6789.5	6776.8	6746.7	6702.1	6628.5	6527.9	6415.6
5°	6652.4	6676.4	6689.9	6704.1	6689.9	6676.4	6652.4	6599.6	6529.1	6439.5	6323.2
2.5°	6524.2	6558.4	6582.2	6596.5	6582.2	6558.4	6524.2	6476.5	6416.5	6331.1	6209.9
0°	6398.2	6430.5	6447.4	6475.1	6447.4	6430.5	6398.2	6350.6	6290.6	6206.1	6087.7
-2.5°	6259.7	6297.1	6341.5	6384.4	6341.5	6297.1	6259.7	6212.5	6159.9	6075.7	5962.7
-5°	6153.8	6203.2	6212.4	6239.9	6212.4	6203.2	6153.8	6093.3	6021.9	5930.1	5821.2
-7.5°	5993.9	6016.5	6054.7	6061.6	6054.7	6016.5	5993.9	5941.7	5853.8	5753.5	5637.2
-10°	5747.6	5784.2	5808.1	5832.5	5808.1	5784.2	5747.6	5692.4	5618.4	5520.2	5413.6
-12.5°	5458.2	5501.3	5539.7	5534.3	5539.7	5501.3	5458.2	5408.1	5341.5	5254.4	5147.2
-15°	5176.2	5217.8	5244.2	5240.6	5244.2	5217.8	5176.2	5114.0	5054.0	4969.5	4876.6
-17.5°	4896.4	4934.3	4972.5	4971.6	4972.5	4934.3	4896.4	4842.7	4774.9	4697.5	4599.9
-20°	4607.4	4639.9	4680.8	4698.0	4680.8	4639.9	4607.4	4561.0	4481.6	4397.3	4297.3



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	4273.3	4314.8	4344.5	4362.8	4344.5	4314.8	4273.3	4213.8	4143.7	4044.3	3956.1
-25°	3883.8	3926.4	3949.0	3957.0	3949.0	3926.4	3883.8	3838.4	3770.1	3674.1	3582.2
-27.5°	3453.5	3501.3	3524.5	3512.7	3524.5	3501.3	3453.5	3409.1	3333.9	3269.9	3180.6
-30°	3012.2	3042.8	3046.4	3073.1	3046.4	3042.8	3012.2	2978.8	2915.5	2854.3	2780.6
-32.5°	2576.7	2597.3	2585.6	2587.3	2585.6	2597.3	2576.7	2540.0	2488.9	2436.2	2385.6
-35°	2146.8	2163.2	2166.5	2196.8	2166.5	2163.2	2146.8	2127.8	2097.3	2040.0	2019.7
-37.5°	1801.2	1807.8	1797.7	1783.3	1797.7	1807.8	1801.2	1780.7	1760.8	1723.7	1709.2
-40°	1508.1	1513.2	1509.4	1501.9	1509.4	1513.2	1508.1	1493.4	1492.9	1474.5	1454.7
-42.5°	1297.2	1297.2	1293.8	1292.9	1293.8	1297.2	1297.2	1287.2	1284.6	1268.2	1242.6
-45°	1141.4	1143.0	1142.7	1142.2	1142.7	1143.0	1141.4	1134.3	1129.4	1118.3	1097.4
-47.5°	1020.5	1020.8	1019.3	1016.2	1019.3	1020.8	1020.5	1015.3	1008.1	997.9	981.8
-50°	913.5	913.5	915.6	919.3	915.6	913.5	913.5	910.0	904.2	896.9	884.9
-52.5°	823.2	822.9	824.1	825.5	824.1	822.9	823.2	820.5	815.4	808.9	798.9
-55°	740.4	740.0	738.9	736.4	738.9	740.0	740.4	738.5	734.1	727.5	717.7
-57.5°	661.4	660.4	658.4	654.9	658.4	660.4	661.4	659.8	655.5	650.1	643.6
-60°	586.0	586.3	585.3	582.6	585.3	586.3	586.0	584.0	580.5	577.9	573.8
-62.5°	517.3	516.2	516.0	515.0	516.0	516.2	517.3	516.8	514.8	512.0	508.2
-65°	452.9	451.8	452.2	452.0	452.2	451.8	452.9	452.6	450.8	448.5	445.8
-67.5°	392.3	391.9	392.3	392.0	392.3	391.9	392.3	391.5	389.7	387.8	386.2
-70°	336.5	336.6	334.9	332.1	334.9	336.6	336.5	335.6	333.8	332.0	330.3
-72.5°	281.1	280.1	280.2	279.8	280.2	280.1	281.1	281.3	280.7	279.3	277.5
-75°	228.7	228.1	229.5	230.6	229.5	228.1	228.7	228.8	228.4	227.7	227.6
-77.5°	182.1	180.7	181.9	182.9	181.9	180.7	182.1	182.9	183.3	183.3	183.2
-80°	141.3	140.9	140.5	139.9	140.5	140.9	141.3	141.5	141.4	141.1	141.4
-82.5°	104.7	104.1	103.7	103.0	103.7	104.1	104.7	105.0	105.2	105.1	104.8
-85°	66.3	65.8	66.8	67.6	66.8	65.8	66.3	66.5	66.6	66.6	66.7
-87.5°	30.4	30.6	29.9	29.2	29.9	30.6	30.4	30.2	30.0	29.7	29.7
-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: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	21.7	22.7	23.7	23.8	24.0	24.0	23.9	23.8	23.6	23.2	22.8
85°	68.4	68.6	68.7	69.8	70.5	70.8	70.5	69.3	67.6	65.5	62.9
82.5°	132.6	132.4	131.8	133.1	133.8	133.6	132.6	130.0	126.6	122.5	117.5
80°	205.7	205.5	205.1	207.9	209.3	209.2	207.3	202.6	196.4	190.1	183.7
77.5°	295.1	297.1	298.0	300.8	301.5	299.9	295.3	288.1	281.9	273.7	262.9
75°	407.4	410.0	411.8	414.5	414.7	412.2	407.6	398.9	387.4	373.0	354.0
72.5°	539.8	543.1	544.1	544.2	541.4	538.3	531.5	519.9	504.8	486.2	460.9
70°	695.9	698.1	697.2	692.7	687.1	679.8	668.3	652.0	631.2	609.3	578.3
67.5°	879.7	877.3	871.0	862.3	853.0	839.1	820.7	797.2	773.2	745.8	704.0
65°	1088.3	1081.0	1072.7	1060.9	1043.3	1019.9	991.5	961.9	930.4	892.2	839.5
62.5°	1323.7	1300.3	1292.2	1280.8	1258.5	1225.9	1191.0	1153.4	1106.5	1051.7	998.8
60°	1597.7	1577.7	1557.7	1531.3	1498.6	1457.9	1413.8	1362.8	1305.1	1244.0	1173.3
57.5°	1893.5	1866.8	1846.4	1811.1	1760.5	1712.8	1657.5	1587.2	1517.9	1447.2	1362.6
55°	2247.8	2211.1	2167.8	2118.4	2064.3	2002.5	1927.0	1844.9	1760.2	1662.9	1572.7
52.5°	2595.1	2562.5	2512.7	2442.0	2378.4	2313.8	2225.0	2128.9	2033.1	1932.2	1805.5
50°	3005.8	2956.2	2888.1	2805.9	2739.2	2651.2	2552.2	2435.6	2336.0	2220.5	2080.9
47.5°	3418.6	3386.3	3306.1	3210.6	3148.8	3046.6	2924.7	2794.1	2684.1	2527.1	2375.1
45°	3940.7	3881.8	3791.9	3709.8	3613.2	3499.6	3344.2	3219.4	3072.3	2900.8	2680.5
42.5°	4552.6	4467.4	4350.8	4281.8	4165.7	4016.2	3843.3	3686.0	3502.6	3302.1	3049.0
40°	5294.2	5153.8	5035.3	4924.2	4791.9	4594.6	4403.0	4193.7	3974.3	3727.7	3398.2
37.5°	6146.0	5997.2	5822.4	5638.8	5468.0	5242.8	4986.2	4739.8	4476.1	4105.1	3729.4
35°	7032.8	6863.1	6647.3	6424.7	6159.3	5843.9	5579.1	5288.5	4928.5	4447.0	4035.9
32.5°	7908.7	7629.8	7396.1	7155.8	6758.4	6369.0	6084.1	5825.8	5214.5	4717.6	4305.2
30°	8541.9	8189.0	7952.1	7623.1	7124.4	6769.9	6499.0	5962.9	5393.9	4906.4	4514.9
27.5°	8680.4	8419.2	8178.8	7685.0	7255.6	6942.0	6518.6	5972.2	5454.7	4996.0	4617.0
25°	8414.3	8175.8	7883.3	7472.8	7114.2	6792.1	6347.5	5852.6	5388.2	4983.8	4558.4
22.5°	7909.1	7691.0	7424.7	7104.4	6800.3	6471.7	6079.9	5650.9	5251.5	4872.9	4461.1
20°	7426.2	7230.1	6983.2	6729.4	6467.9	6156.2	5784.4	5433.6	5108.6	4741.9	4344.2
17.5°	7046.8	6844.0	6650.2	6430.0	6162.2	5843.8	5576.2	5287.2	4966.1	4601.8	4210.8
15°	6730.4	6577.7	6393.0	6161.0	5915.2	5688.5	5434.1	5138.6	4818.6	4450.4	4086.3
12.5°	6537.3	6374.0	6172.3	5990.7	5786.0	5548.7	5286.6	4985.1	4679.2	4370.8	4044.3
10°	6382.8	6228.2	6062.0	5870.9	5654.8	5408.7	5163.3	4901.4	4616.5	4313.8	3990.7
7.5°	6283.8	6124.4	5947.2	5761.0	5553.6	5332.4	5091.9	4831.2	4543.5	4241.4	3924.6
5°	6187.7	6028.9	5858.7	5679.8	5467.9	5247.1	5008.9	4747.6	4458.7	4153.9	3845.5
2.5°	6077.7	5927.4	5763.2	5584.4	5369.0	5148.8	4913.9	4649.3	4364.7	4071.7	3755.5
0°	5953.9	5815.6	5638.8	5458.9	5256.0	5040.8	4805.6	4535.0	4256.8	3980.1	3651.1
-2.5°	5836.4	5689.1	5525.9	5347.3	5152.9	4930.1	4696.4	4434.6	4150.4	3870.8	3549.1
-5°	5692.8	5549.6	5385.7	5199.2	5003.3	4783.4	4551.2	4298.2	4018.7	3742.1	3434.8
-7.5°	5507.8	5370.3	5215.5	5029.9	4829.9	4610.3	4375.3	4122.6	3850.4	3576.8	3278.1
-10°	5285.8	5139.5	4982.1	4809.2	4621.8	4414.4	4182.0	3929.7	3667.7	3395.3	3108.0
-12.5°	5025.4	4886.3	4728.7	4559.6	4374.9	4172.0	3956.8	3716.1	3471.2	3197.5	2924.9
-15°	4748.2	4625.8	4470.6	4293.6	4104.9	3912.6	3708.3	3478.8	3252.6	2984.8	2729.0
-17.5°	4482.6	4348.0	4194.9	4031.4	3842.2	3640.0	3442.5	3232.1	3013.3	2769.4	2535.3
-20°	4184.6	4048.3	3906.4	3749.2	3568.8	3374.2	3173.1	2972.4	2766.9	2554.4	2341.7



REPORT NUMBER: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3848.3	3729.0	3594.7	3446.1	3269.6	3087.0	2902.5	2713.0	2518.6	2335.7	2144.9
-25°	3487.7	3379.5	3247.6	3107.0	2951.2	2786.2	2624.5	2456.2	2288.9	2117.4	1948.2
-27.5°	3097.9	2997.5	2883.2	2760.1	2622.2	2488.2	2345.3	2200.2	2065.0	1913.8	1766.1
-30°	2698.4	2620.3	2522.2	2406.4	2310.5	2198.7	2069.1	1965.8	1848.7	1719.2	1598.8
-32.5°	2313.9	2250.9	2170.3	2093.3	2013.1	1923.9	1835.2	1739.4	1637.2	1544.9	1446.5
-35°	1967.1	1914.6	1870.8	1813.0	1738.0	1678.7	1610.5	1531.8	1453.7	1379.6	1300.6
-37.5°	1681.7	1634.9	1602.1	1559.3	1507.0	1451.7	1406.9	1352.9	1288.8	1229.6	1165.5
-40°	1436.7	1397.9	1374.1	1348.3	1312.6	1260.9	1232.7	1192.4	1148.3	1091.3	1039.8
-42.5°	1240.6	1222.3	1195.1	1178.8	1150.8	1115.8	1079.4	1056.2	1020.9	976.5	934.4
-45°	1090.8	1079.0	1055.6	1039.4	1018.8	991.1	954.1	936.7	910.0	879.1	839.2
-47.5°	970.8	962.1	944.8	923.5	907.6	883.6	857.8	833.2	817.6	791.1	758.5
-50°	871.3	863.0	847.7	826.4	811.9	793.6	773.1	748.7	733.9	711.5	684.3
-52.5°	785.5	775.0	761.4	743.8	729.6	716.9	698.6	676.2	656.8	641.4	621.5
-55°	704.6	695.6	686.5	673.9	658.5	646.1	628.9	609.6	593.5	580.2	563.2
-57.5°	636.4	628.4	618.4	606.4	592.4	580.3	567.4	552.4	535.8	523.4	507.5
-60°	567.2	558.6	551.4	542.4	531.4	520.3	509.8	496.9	481.7	469.4	455.6
-62.5°	502.7	495.8	489.8	482.5	473.7	463.9	454.4	443.7	431.1	418.3	406.7
-65°	442.0	437.0	431.8	425.6	418.3	409.9	401.8	392.8	382.6	371.3	360.4
-67.5°	383.3	379.0	374.6	369.9	364.8	359.0	352.6	344.8	336.3	327.1	318.0
-70°	327.5	323.3	319.8	317.1	314.0	310.1	305.0	299.0	292.1	284.8	276.7
-72.5°	275.1	272.3	270.0	268.5	266.0	262.8	259.1	254.8	249.9	244.2	236.6
-75°	226.9	225.4	223.8	222.7	220.7	217.9	214.8	211.7	207.7	202.8	196.7
-77.5°	182.6	181.5	180.2	179.1	177.2	174.6	171.6	169.2	166.5	162.8	158.1
-80°	141.3	140.8	139.9	139.0	137.7	136.0	133.9	131.6	128.4	124.9	121.4
-82.5°	104.3	103.5	102.6	101.8	100.7	99.2	97.3	95.5	93.5	91.2	88.7
-85°	66.7	66.5	66.0	65.4	64.6	63.8	63.0	62.2	61.3	60.1	58.7
-87.5°	29.6	29.5	29.3	30.0	30.6	31.1	31.5	31.1	30.6	30.0	29.3
-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: P558842 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-940-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°	22.3	21.8	21.1	20.3	19.8	19.2	18.5	17.5	16.0	14.4	12.8
85°	59.7	56.0	51.9	47.4	43.0	38.5	36.9	35.1	32.0	28.9	25.6
82.5°	111.3	105.9	100.3	94.0	87.1	79.8	72.1	63.9	53.8	44.1	38.4
80°	175.6	166.6	156.7	145.9	133.9	121.2	110.6	99.2	84.9	71.2	57.9
77.5°	248.9	233.7	217.2	203.1	188.4	172.6	155.5	136.3	115.7	97.9	80.8
75°	330.5	311.3	291.5	270.0	247.1	224.0	203.8	180.2	152.3	125.0	103.3
72.5°	432.1	402.3	371.6	340.0	312.6	284.4	255.3	223.5	190.6	158.5	127.3
70°	540.9	499.8	461.2	423.2	383.7	344.7	310.9	271.6	228.4	191.5	155.6
67.5°	656.7	611.8	562.7	508.9	461.3	415.1	367.8	320.1	271.8	223.9	183.4
65°	788.2	731.4	670.2	611.1	548.0	486.2	433.3	370.4	314.2	261.3	210.5
62.5°	932.7	858.6	792.0	717.7	644.0	571.1	496.6	425.7	357.2	297.9	240.7
60°	1096.5	1015.3	921.7	838.5	749.6	660.3	571.7	479.3	404.5	333.5	271.6
57.5°	1276.7	1181.2	1081.1	971.1	866.7	761.1	646.7	540.5	450.1	372.2	301.3
55°	1465.0	1357.7	1244.7	1123.7	994.8	872.8	725.6	603.1	496.2	410.5	329.0
52.5°	1675.9	1547.6	1417.2	1280.9	1138.9	981.4	813.2	662.2	547.9	447.1	358.3
50°	1918.8	1758.5	1603.7	1447.0	1285.0	1095.5	895.0	732.8	596.4	484.1	386.3
47.5°	2196.0	2001.3	1809.5	1621.4	1442.2	1201.5	985.1	800.2	641.6	523.5	412.3
45°	2483.0	2268.6	2036.2	1818.6	1570.0	1308.8	1072.9	862.2	696.3	557.7	436.3
42.5°	2771.2	2539.1	2289.7	2017.6	1701.2	1410.4	1153.0	932.0	746.6	589.2	461.4
40°	3091.1	2808.7	2542.5	2202.4	1820.4	1502.9	1235.5	997.4	791.9	621.0	486.6
37.5°	3396.3	3084.0	2791.4	2343.5	1929.5	1597.5	1310.8	1055.9	833.3	655.3	509.5
35°	3681.2	3350.8	2916.8	2458.3	2037.8	1677.6	1377.5	1111.1	877.4	685.5	530.0
32.5°	3941.0	3521.9	3012.9	2547.8	2123.7	1743.0	1438.0	1160.2	915.0	711.6	548.2
30°	4118.1	3585.8	3078.9	2612.5	2187.7	1806.3	1487.3	1200.9	946.4	733.6	565.1
27.5°	4127.5	3615.5	3114.3	2652.8	2231.7	1852.7	1524.7	1233.3	971.4	754.1	582.5
25°	4095.1	3602.5	3119.4	2667.8	2255.1	1890.8	1553.4	1257.7	994.4	774.0	596.8
22.5°	4019.5	3556.1	3095.9	2657.7	2280.7	1917.0	1577.2	1278.4	1012.9	789.0	607.9
20°	3923.9	3480.7	3056.4	2667.6	2293.6	1933.8	1595.0	1291.9	1025.0	799.2	616.0
17.5°	3806.8	3420.9	3049.8	2665.7	2293.6	1938.8	1603.1	1298.1	1030.7	804.8	621.0
15°	3752.9	3397.5	3029.8	2651.5	2281.0	1932.3	1601.6	1297.2	1030.3	805.9	624.5
12.5°	3709.6	3360.6	2997.3	2625.0	2256.1	1914.8	1591.0	1289.5	1024.1	805.9	627.1
10°	3654.9	3310.3	2952.4	2586.2	2219.6	1886.9	1571.6	1277.8	1021.0	804.6	627.2
7.5°	3588.2	3246.7	2895.1	2535.5	2175.8	1855.6	1551.8	1264.7	1014.6	799.8	625.1
5°	3510.7	3176.5	2833.6	2486.9	2142.3	1822.4	1525.7	1245.3	1003.8	791.9	620.7
2.5°	3427.0	3104.0	2764.7	2428.0	2100.1	1781.3	1492.4	1220.2	988.8	780.9	614.2
0°	3329.8	3019.2	2684.1	2358.2	2049.2	1732.5	1452.7	1189.9	970.0	767.1	605.7
-2.5°	3244.4	2926.0	2597.4	2282.4	1975.0	1674.1	1409.4	1159.4	949.1	753.5	596.8
-5°	3145.2	2820.8	2500.5	2196.9	1892.9	1609.6	1360.9	1125.0	924.9	737.6	586.2
-7.5°	2999.4	2692.2	2390.1	2100.9	1804.2	1540.0	1307.9	1087.0	897.7	719.5	573.9
-10°	2835.2	2546.6	2265.0	1992.3	1718.0	1471.4	1252.0	1046.2	867.8	699.3	560.1
-12.5°	2661.5	2393.2	2133.0	1878.5	1629.1	1403.7	1198.3	1006.0	836.0	677.3	545.0
-15°	2479.7	2233.3	1995.2	1760.8	1537.2	1332.5	1142.1	965.0	804.6	654.8	528.7
-17.5°	2294.7	2068.2	1852.5	1640.5	1443.5	1258.6	1084.0	922.0	771.5	632.3	512.3
-20°	2125.8	1913.9	1707.1	1518.8	1349.0	1182.5	1024.5	877.2	737.0	608.6	495.8



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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°	1957.4	1771.5	1584.8	1405.6	1256.3	1104.8	964.2	831.0	701.3	583.8	478.0
-25°	1789.8	1630.0	1465.4	1311.6	1166.5	1032.6	905.9	783.7	664.6	558.1	459.2
-27.5°	1631.8	1492.0	1345.5	1217.4	1087.9	961.5	849.8	738.8	629.1	531.7	439.4
-30°	1481.1	1360.2	1237.9	1125.2	1010.3	899.6	793.5	694.1	596.7	506.2	418.7
-32.5°	1341.9	1230.1	1135.3	1039.6	938.9	838.1	741.3	649.6	564.2	480.8	399.4
-35°	1212.5	1119.0	1035.6	956.8	869.9	782.4	693.6	605.5	531.7	454.7	380.3
-37.5°	1089.3	1020.5	949.0	879.0	801.4	727.6	648.6	569.1	499.3	427.8	360.8
-40°	987.9	929.3	869.6	805.4	740.6	674.1	603.5	534.6	467.7	400.4	341.0
-42.5°	891.4	845.8	794.4	733.9	684.1	624.7	559.1	499.4	437.2	375.7	320.9
-45°	805.5	766.8	723.0	677.6	629.9	575.8	519.9	464.0	406.7	352.5	301.5
-47.5°	724.6	695.8	660.2	622.3	578.3	528.7	480.3	430.3	376.2	329.3	282.9
-50°	656.4	631.6	603.0	568.6	527.6	485.6	441.3	396.6	350.5	306.4	263.9
-52.5°	597.2	573.5	547.9	516.2	481.3	442.4	405.4	363.6	324.4	284.2	244.6
-55°	541.6	518.5	495.0	467.9	436.5	404.1	369.9	334.4	297.8	262.1	225.3
-57.5°	489.1	466.6	446.4	422.1	395.8	367.4	336.7	304.8	272.4	239.6	208.0
-60°	438.7	420.3	400.4	380.4	357.5	331.7	304.2	275.6	247.1	217.5	190.6
-62.5°	392.3	375.7	359.2	341.1	320.0	296.8	272.0	247.6	221.6	197.5	172.9
-65°	348.7	335.1	319.4	302.2	283.1	262.7	241.8	219.5	198.5	177.4	155.1
-67.5°	307.2	294.5	279.3	263.5	248.2	231.2	211.6	193.8	176.0	157.0	137.6
-70°	266.6	254.3	241.6	229.5	215.8	200.2	184.6	169.1	153.3	137.4	120.0
-72.5°	227.4	217.8	207.6	196.6	184.8	171.9	158.1	144.7	132.0	117.9	102.2
-75°	189.3	181.9	174.0	165.1	154.7	143.7	133.0	122.0	110.8	98.2	86.5
-77.5°	152.7	147.0	140.7	134.3	126.4	117.9	108.9	99.4	90.3	81.1	71.4
-80°	118.2	114.6	110.4	105.4	98.9	92.0	85.5	78.8	71.8	64.2	56.2
-82.5°	86.2	83.7	80.8	77.3	72.9	68.3	63.6	58.8	53.2	47.3	41.5
-85°	57.0	55.0	52.6	50.0	47.3	44.5	41.8	38.9	35.2	31.5	27.7
-87.5°	28.3	27.2	25.9	24.7	23.5	22.3	20.9	19.5	17.6	15.8	13.9
-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°	11.1	9.4	7.6	5.8	3.9	1.9	0.0
85°	22.2	18.8	15.2	11.5	7.8	3.8	0.0
82.5°	33.3	28.1	22.8	17.3	11.6	5.7	0.0
80°	45.3	37.4	30.3	23.0	15.5	7.6	0.0
77.5°	64.4	48.8	37.8	28.6	19.3	9.5	0.0
75°	83.2	64.0	46.0	34.3	23.0	11.3	0.0
72.5°	101.8	79.0	57.6	39.8	26.7	13.2	0.0
70°	120.6	93.7	69.0	45.8	30.4	15.0	0.0
67.5°	143.7	108.1	80.2	54.0	34.0	16.7	0.0
65°	166.1	124.1	91.1	61.9	37.5	18.5	0.0
62.5°	187.8	141.5	101.7	69.7	41.0	20.2	0.0
60°	208.7	158.3	112.0	77.2	44.3	21.8	0.0
57.5°	232.3	174.5	124.4	84.5	49.1	23.5	0.0
55°	255.2	189.9	136.4	91.6	53.7	25.0	0.0
52.5°	276.9	205.1	147.9	98.4	58.2	26.6	0.0
50°	297.3	221.7	158.9	104.9	62.5	28.0	0.0
47.5°	316.8	237.3	169.2	111.5	66.6	29.4	0.0
45°	337.1	251.9	179.0	118.8	70.6	30.8	0.0
42.5°	355.9	265.4	188.1	125.6	74.4	32.1	0.0
40°	373.0	277.9	197.3	132.1	78.0	33.3	0.0
37.5°	388.4	289.1	206.6	138.3	81.4	34.5	0.0
35°	402.1	300.4	215.0	144.1	84.7	35.6	0.0
32.5°	415.3	310.9	222.7	149.5	87.7	36.6	0.0
30°	429.5	320.2	229.5	154.5	90.5	37.6	0.0
27.5°	441.7	328.2	235.9	159.0	93.1	38.5	0.0
25°	452.1	334.9	241.6	163.1	95.4	39.3	0.0
22.5°	460.5	340.8	246.5	166.8	97.5	40.0	0.0
20°	467.1	346.6	250.6	170.0	99.4	40.7	0.0
17.5°	473.0	351.4	253.9	172.8	101.1	41.2	0.0
15°	477.7	355.2	256.4	175.1	102.5	41.7	0.0
12.5°	480.7	357.9	258.2	177.0	103.7	42.1	0.0
10°	481.8	359.7	259.3	178.5	104.7	42.5	0.0
7.5°	481.3	360.4	259.6	179.5	105.4	42.7	0.0
5°	479.2	360.2	259.3	180.1	105.9	42.9	0.0
2.5°	475.5	358.9	258.3	180.2	106.1	43.0	0.0
0°	470.4	356.7	256.7	179.9	106.1	43.0	0.0
-2.5°	465.0	353.3	255.5	179.1	105.8	43.1	0.0
-5°	458.4	349.0	253.6	177.8	105.4	43.0	0.0
-7.5°	450.5	343.9	251.2	176.2	104.6	42.9	0.0
-10°	441.4	338.0	248.3	174.2	103.7	42.7	0.0
-12.5°	431.3	331.3	244.7	171.7	102.5	42.5	0.0
-15°	420.1	324.0	240.6	168.9	101.1	42.1	0.0
-17.5°	408.0	316.0	236.0	165.8	99.5	41.7	0.0
-20°	395.4	307.5	230.9	162.3	97.7	41.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	382.8	298.5	225.2	158.4	95.7	40.6	0.0
-25°	369.4	289.5	219.0	154.2	93.6	39.9	0.0
-27.5°	355.3	280.1	212.3	149.8	91.2	39.1	0.0
-30°	340.7	270.1	205.2	145.0	88.7	38.3	0.0
-32.5°	325.4	259.6	197.8	139.9	85.9	37.3	0.0
-35°	311.2	248.5	190.1	134.6	83.1	36.3	0.0
-37.5°	297.1	237.4	182.0	129.0	80.1	35.2	0.0
-40°	282.5	226.6	173.5	123.1	76.9	34.1	0.0
-42.5°	267.4	215.5	165.1	117.1	73.6	32.9	0.0
-45°	251.8	204.1	156.7	110.8	70.1	31.6	0.0
-47.5°	235.9	192.4	148.1	104.3	66.6	30.2	0.0
-50°	221.2	180.3	139.2	98.5	62.9	28.8	0.0
-52.5°	206.6	168.0	129.9	92.8	59.1	27.3	0.0
-55°	191.8	156.1	120.5	86.9	55.1	25.8	0.0
-57.5°	176.7	144.1	110.7	80.9	51.1	24.2	0.0
-60°	161.5	131.8	100.9	74.7	47.0	22.5	0.0
-62.5°	146.7	119.2	92.5	68.4	43.5	20.8	0.0
-65°	131.6	106.5	84.0	61.9	39.9	19.1	0.0
-67.5°	116.3	94.7	75.3	55.3	36.2	17.3	0.0
-70°	100.8	83.8	66.5	48.7	32.4	15.5	0.0
-72.5°	87.4	72.8	57.6	42.6	28.5	13.6	0.0
-75°	74.3	61.7	48.6	36.7	24.6	11.7	0.0
-77.5°	61.1	50.5	40.4	30.6	20.6	9.8	0.0
-80°	47.7	40.1	32.4	24.6	16.5	7.9	0.0
-82.5°	35.7	30.1	24.4	18.5	12.4	5.9	0.0
-85°	23.8	20.1	16.3	12.3	8.3	4.0	0.0
-87.5°	11.9	10.1	8.1	6.2	4.2	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)