

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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559074 (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-SA5D-927-U-WAF-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

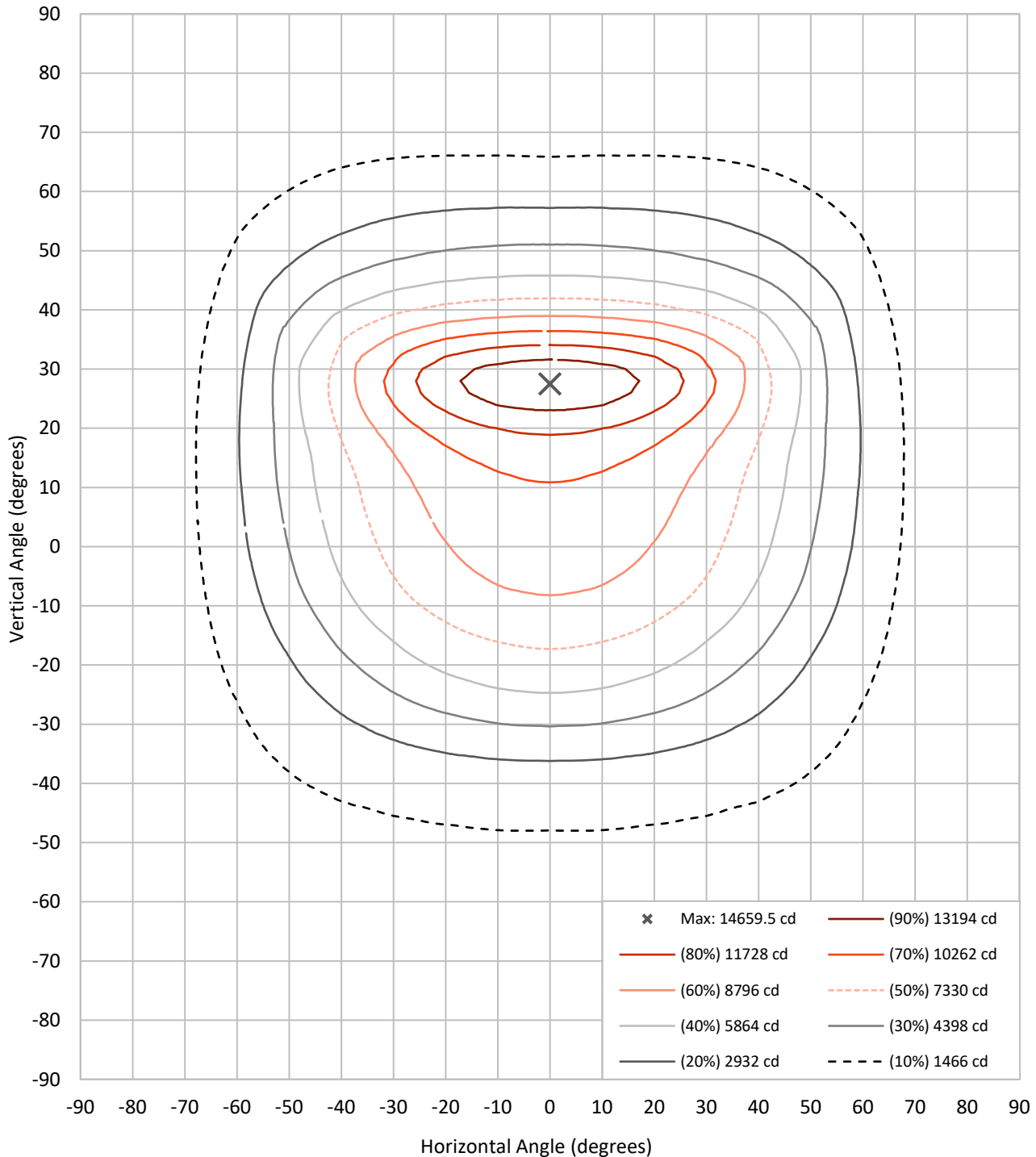
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21371 lumens	Max Intensity:	14659.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	80.3 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:	11084 lumens	Field Lumens:	19770 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	266		
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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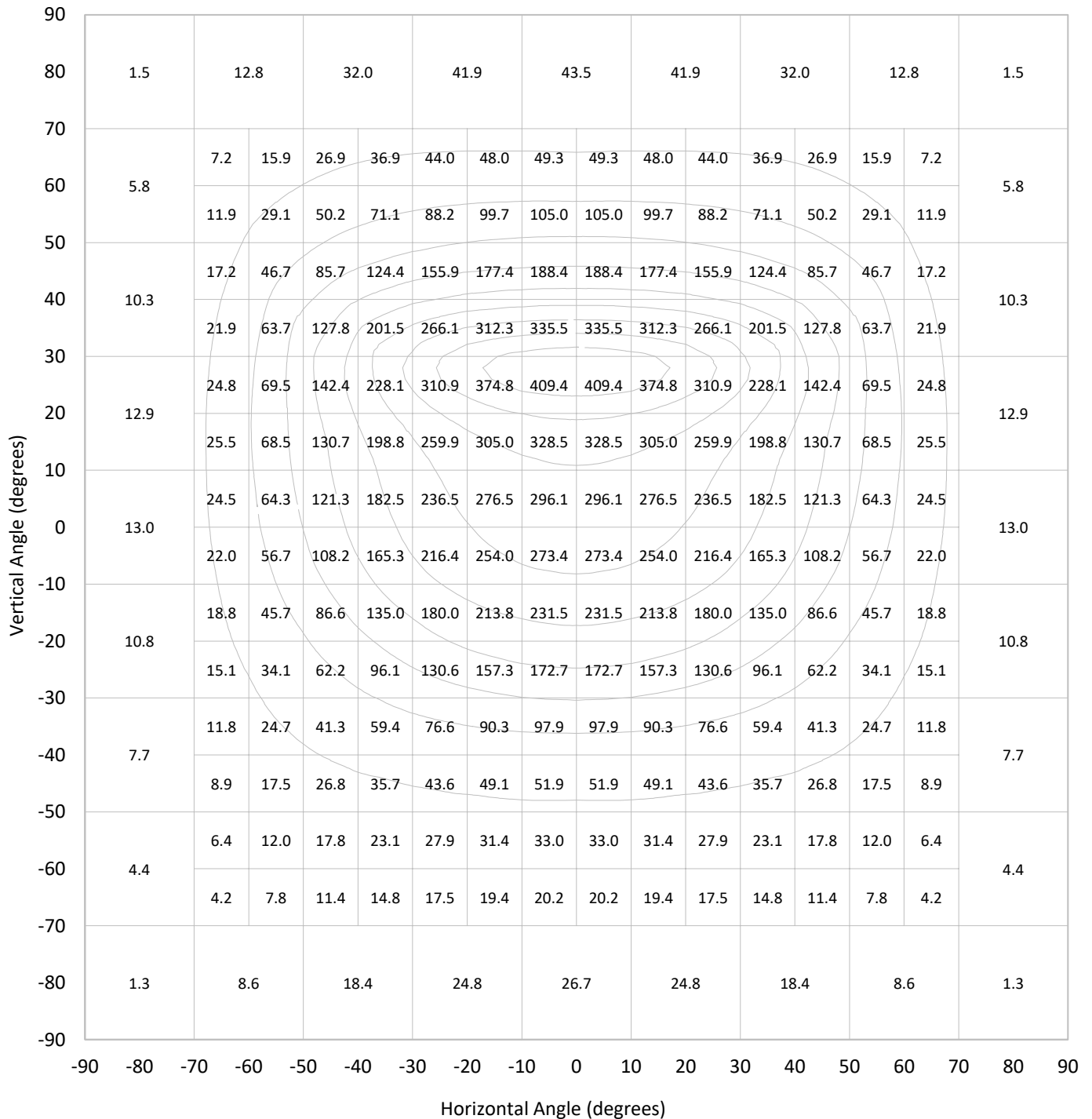
### Iso-Candela Plot





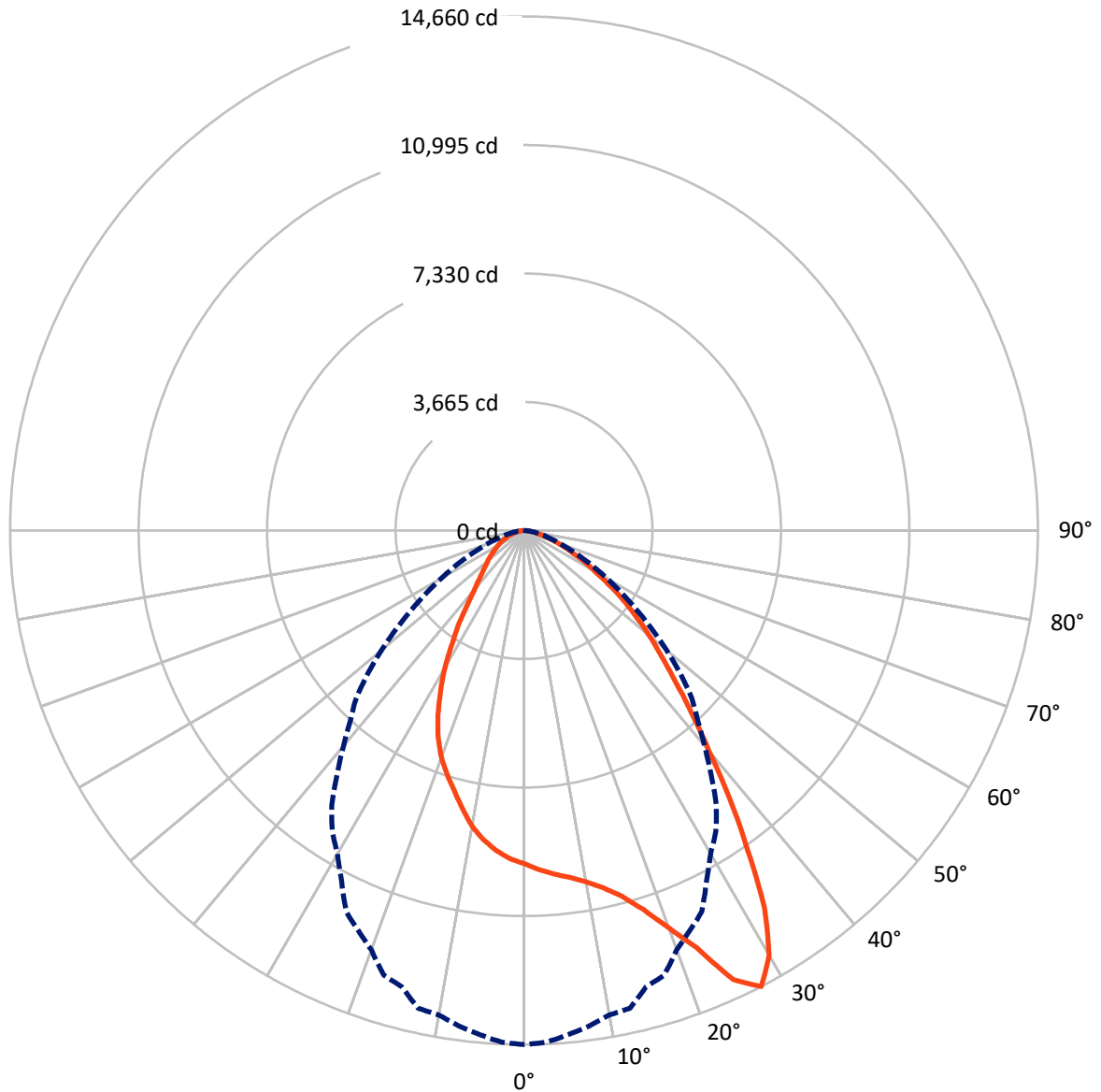
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### Lumen Table



REPORT NUMBER: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
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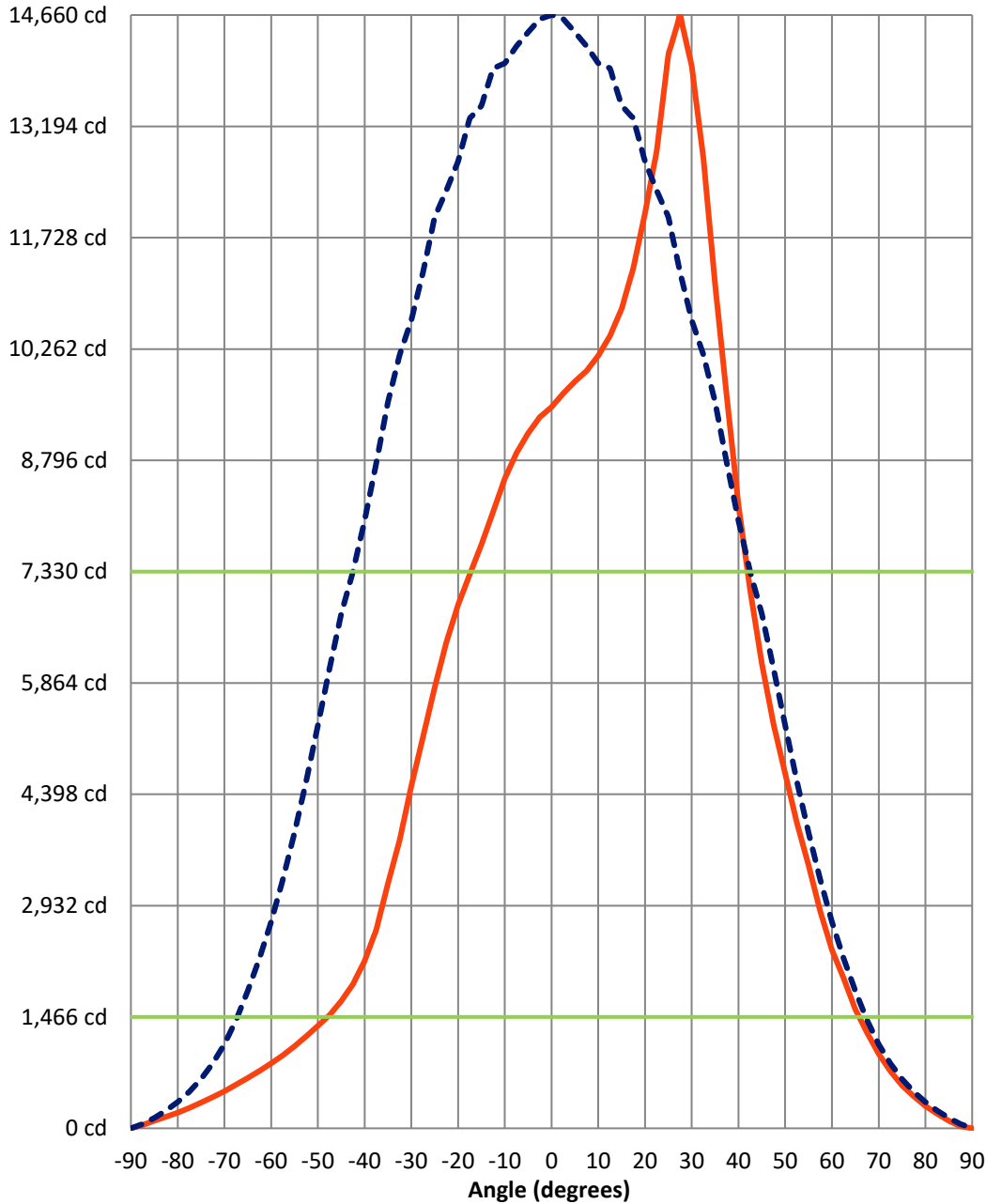
### Luminous Intensity Polar Plot



— 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: 11084  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 19770  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 1601  
 Efficiency: 7.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.8	5.7	8.5	11.2	13.8	16.3	18.8	21.2	23.5	25.7
85°	0.0	5.6	11.4	16.9	22.3	27.5	32.6	37.6	42.4	47.0	51.4
82.5°	0.0	8.4	17.0	25.3	33.4	41.2	48.9	56.3	64.8	79.0	93.7
80°	0.0	11.2	22.7	33.7	44.4	54.9	66.5	85.0	104.4	124.5	145.4
77.5°	0.0	13.9	28.3	42.0	55.4	71.6	94.5	118.5	143.5	169.6	199.9
75°	0.0	16.6	33.8	50.2	67.4	93.9	122.1	151.5	183.3	223.3	264.4
72.5°	0.0	19.3	39.2	58.4	84.5	115.9	149.2	186.6	232.4	279.6	327.8
70°	0.0	21.9	44.6	67.2	101.2	137.4	176.9	228.2	280.8	335.0	398.3
67.5°	0.0	24.5	49.9	79.2	117.6	158.5	210.7	268.9	328.3	398.6	469.5
65°	0.0	27.1	55.0	90.8	133.6	182.0	243.6	308.7	383.3	460.9	543.2
62.5°	0.0	29.6	60.1	102.2	149.2	207.5	275.4	353.0	437.0	524.0	624.5
60°	0.0	32.0	65.0	113.3	164.3	232.1	306.0	398.4	489.2	593.4	703.1
57.5°	0.0	34.4	72.0	124.0	182.5	255.8	340.7	442.0	546.0	660.3	792.9
55°	0.0	36.7	78.8	134.4	200.1	278.5	374.3	482.6	602.2	727.9	884.7
52.5°	0.0	39.0	85.3	144.4	216.9	300.8	406.2	525.7	655.9	803.7	971.4
50°	0.0	41.1	91.7	153.9	233.0	325.2	436.1	566.6	710.0	874.9	1075.0
47.5°	0.0	43.2	97.8	163.6	248.2	348.1	464.7	604.8	767.8	941.2	1173.8
45°	0.0	45.2	103.6	174.2	262.5	369.5	494.5	640.0	818.1	1021.3	1264.8
42.5°	0.0	47.1	109.2	184.3	275.8	389.3	522.0	676.8	864.3	1095.2	1367.1
40°	0.0	48.9	114.5	193.9	289.4	407.5	547.1	713.8	910.9	1161.7	1463.0
37.5°	0.0	50.6	119.5	202.9	303.0	424.0	569.7	747.3	961.2	1222.4	1548.8
35°	0.0	52.2	124.2	211.4	315.3	440.6	589.8	777.4	1005.6	1287.0	1629.7
32.5°	0.0	53.7	128.6	219.3	326.5	456.0	609.2	804.1	1043.9	1342.2	1701.8
30°	0.0	55.1	132.7	226.6	336.5	469.7	630.0	828.8	1076.2	1388.1	1761.5
27.5°	0.0	56.4	136.5	233.2	345.9	481.4	647.9	854.5	1106.2	1424.8	1809.1
25°	0.0	57.6	140.0	239.2	354.3	491.2	663.1	875.5	1135.4	1458.6	1844.7
22.5°	0.0	58.7	143.1	244.6	361.5	499.8	675.5	891.8	1157.4	1485.8	1875.2
20°	0.0	59.7	145.9	249.3	367.5	508.4	685.1	903.5	1172.3	1503.5	1894.9
17.5°	0.0	60.5	148.3	253.4	372.3	515.4	693.8	910.9	1180.5	1511.8	1904.0
15°	0.0	61.2	150.4	256.8	376.1	521.0	700.8	916.1	1182.2	1511.3	1902.7
12.5°	0.0	61.8	152.2	259.6	378.7	525.0	705.1	919.9	1182.2	1502.2	1891.4
10°	0.0	62.3	153.6	261.7	380.3	527.6	706.8	920.1	1180.2	1497.7	1874.2
7.5°	0.0	62.7	154.6	263.2	380.8	528.7	706.0	916.9	1173.3	1488.2	1855.1
5°	0.0	63.0	155.3	264.0	380.4	528.3	702.8	910.5	1161.6	1472.4	1826.6
2.5°	0.0	63.1	155.6	264.2	378.9	526.5	697.5	901.0	1145.4	1450.5	1789.7
0°	0.0	63.1	155.6	263.8	376.6	523.2	690.0	888.5	1125.2	1422.9	1745.3
-2.5°	0.0	63.2	155.2	262.6	374.8	518.2	682.1	875.4	1105.3	1392.3	1700.6
-5°	0.0	63.2	154.5	260.8	372.1	512.0	672.3	859.8	1081.9	1356.7	1650.1
-7.5°	0.0	63.0	153.4	258.4	368.6	504.4	660.8	841.8	1055.3	1316.8	1594.5
-10°	0.0	62.7	152.1	255.4	364.2	495.7	647.5	821.6	1025.7	1273.0	1534.6
-12.5°	0.0	62.3	150.3	251.9	359.0	486.0	632.6	799.4	993.5	1226.2	1475.7
-15°	0.0	61.8	148.3	247.8	353.0	475.2	616.3	775.4	960.5	1180.3	1415.6
-17.5°	0.0	61.2	146.0	243.1	346.2	463.5	598.4	751.5	927.4	1131.7	1352.4
-20°	0.0	60.4	143.3	238.0	338.6	451.0	580.0	727.1	892.6	1081.0	1286.7



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 CATALOG NUMBER: GFLD-SA5D-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	59.5	140.4	232.4	330.3	437.8	561.5	701.1	856.3	1028.6	1219.0
-25°	0.0	58.5	137.2	226.3	321.2	424.6	541.9	673.6	818.6	974.9	1149.6
-27.5°	0.0	57.4	133.8	219.7	311.4	410.8	521.2	644.5	779.9	922.8	1083.7
-30°	0.0	56.1	130.0	212.7	301.0	396.2	499.7	614.1	742.5	875.3	1018.1
-32.5°	0.0	54.8	126.1	205.3	290.2	380.7	477.3	585.8	705.3	827.6	952.8
-35°	0.0	53.3	121.8	197.4	278.9	364.5	456.4	557.8	666.9	779.9	888.1
-37.5°	0.0	51.7	117.4	189.2	267.0	348.1	435.8	529.2	627.5	732.4	834.7
-40°	0.0	50.0	112.8	180.6	254.6	332.4	414.3	500.2	587.3	686.1	784.1
-42.5°	0.0	48.2	107.9	171.8	242.2	316.2	392.2	470.8	551.1	641.4	732.5
-45°	0.0	46.3	102.8	162.6	230.0	299.4	369.4	442.2	517.1	596.6	680.6
-47.5°	0.0	44.3	97.6	153.1	217.3	282.2	346.0	415.0	483.0	551.8	631.1
-50°	0.0	42.2	92.2	144.5	204.1	264.6	324.5	387.1	449.4	514.1	581.8
-52.5°	0.0	40.0	86.6	136.1	190.6	246.5	303.1	358.8	416.9	475.8	533.4
-55°	0.0	37.8	80.8	127.5	176.7	229.1	281.3	330.4	384.5	436.8	490.5
-57.5°	0.0	35.4	74.9	118.6	162.4	211.4	259.3	305.2	351.5	399.6	447.1
-60°	0.0	33.0	68.9	109.6	148.0	193.3	237.0	279.6	319.0	362.5	404.2
-62.5°	0.0	30.5	63.8	100.3	135.7	174.9	215.2	253.7	289.8	325.0	363.3
-65°	0.0	28.0	58.5	90.8	123.2	156.2	193.0	227.6	260.2	291.2	322.0
-67.5°	0.0	25.3	53.0	81.1	110.5	138.8	170.6	201.9	230.3	258.1	284.3
-70°	0.0	22.7	47.5	71.3	97.6	122.9	147.8	176.0	201.6	224.8	248.0
-72.5°	0.0	19.9	41.8	62.4	84.5	106.8	128.2	149.9	172.9	193.7	212.2
-75°	0.0	17.2	36.0	53.7	71.2	90.5	109.0	126.8	144.1	162.5	179.0
-77.5°	0.0	14.4	30.2	44.9	59.3	74.0	89.5	104.7	119.0	132.4	145.9
-80°	0.0	11.5	24.2	36.0	47.5	58.8	70.0	82.4	94.2	105.3	115.6
-82.5°	0.0	8.7	18.2	27.1	35.7	44.2	52.4	60.8	69.3	78.0	86.2
-85°	0.0	5.8	12.2	18.1	23.9	29.5	35.0	40.6	46.2	51.7	57.1
-87.5°	0.0	2.9	6.1	9.0	11.9	14.8	17.5	20.3	23.1	25.9	28.6
-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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	27.1	28.2	29.1	29.8	30.9	31.9	32.8	33.5	34.1	34.6	34.9
85°	54.2	56.4	63.1	69.5	76.1	82.1	87.5	92.2	96.0	99.2	101.6
82.5°	105.8	117.1	127.8	137.9	147.1	155.3	163.2	172.3	179.6	185.8	190.7
80°	162.3	177.7	196.5	214.1	229.9	244.4	257.6	269.5	278.8	288.1	297.2
77.5°	228.1	253.1	276.3	297.8	318.5	342.7	365.1	385.7	401.5	413.5	422.7
75°	298.9	328.5	362.4	396.0	427.6	456.7	484.9	519.2	547.3	568.3	585.1
72.5°	374.5	417.1	458.5	498.8	545.1	590.2	633.9	676.2	713.3	740.5	762.6
70°	456.0	505.6	562.8	620.8	676.5	733.1	793.4	848.3	893.7	925.8	956.4
67.5°	539.4	608.9	676.7	746.5	825.5	897.4	963.2	1032.7	1093.9	1134.2	1169.4
65°	635.5	713.3	803.9	896.4	983.1	1072.9	1156.1	1231.4	1308.7	1364.8	1410.9
62.5°	728.4	837.8	944.6	1052.8	1161.8	1259.5	1368.1	1465.0	1542.7	1623.0	1691.8
60°	838.7	968.6	1099.5	1230.0	1352.0	1489.2	1608.4	1720.9	1824.8	1914.3	1999.0
57.5°	948.6	1116.4	1271.4	1424.5	1585.8	1732.6	1872.6	1998.7	2122.9	2226.6	2328.2
55°	1064.3	1280.3	1459.1	1648.2	1825.7	1991.5	2148.9	2306.9	2439.2	2582.0	2706.2
52.5°	1192.8	1439.5	1670.5	1878.8	2078.8	2270.1	2458.2	2648.5	2834.2	2982.3	3122.6
50°	1312.8	1606.8	1884.8	2122.4	2352.4	2579.4	2814.6	3052.4	3257.1	3426.4	3572.5
47.5°	1445.0	1762.3	2115.5	2378.3	2654.2	2935.6	3221.2	3483.8	3706.8	3937.2	4098.6
45°	1573.7	1919.7	2302.9	2667.6	2986.8	3327.6	3642.2	3931.8	4255.1	4506.6	4722.3
42.5°	1691.2	2068.8	2495.3	2959.5	3358.6	3724.4	4064.8	4472.4	4843.7	5137.8	5406.9
40°	1812.2	2204.4	2670.3	3230.6	3729.4	4119.8	4534.2	4984.6	5467.9	5829.7	6151.5
37.5°	1922.7	2343.2	2830.4	3437.5	4094.4	4523.7	4981.9	5470.5	6021.5	6565.8	6952.5
35°	2020.5	2460.7	2989.2	3605.8	4278.4	4915.1	5399.7	5920.0	6523.1	7229.3	7757.4
32.5°	2109.3	2556.6	3115.1	3737.1	4419.5	5166.0	5780.8	6315.0	6920.0	7648.7	8545.5
30°	2181.5	2649.6	3209.0	3832.0	4516.3	5259.8	6040.6	6622.6	7196.8	7911.9	8746.6
27.5°	2236.4	2717.7	3273.6	3891.2	4568.1	5303.4	6054.3	6772.4	7328.3	8001.2	8760.2
25°	2278.5	2773.5	3307.9	3913.2	4575.7	5284.2	6006.9	6686.4	7310.4	7903.6	8584.8
22.5°	2313.4	2812.0	3345.4	3898.4	4541.2	5216.2	5895.9	6543.7	7147.7	7703.1	8289.0
20°	2339.6	2836.6	3364.3	3912.9	4483.3	5105.6	5755.7	6372.2	6955.7	7493.5	7970.3
17.5°	2351.4	2843.9	3364.3	3910.2	4473.5	5017.9	5583.9	6176.5	6750.1	7284.4	7755.5
15°	2349.3	2834.4	3345.8	3889.3	4444.2	4983.5	5504.9	5993.8	6527.9	7068.1	7537.5
12.5°	2333.7	2808.7	3309.4	3850.4	4396.6	4929.4	5441.4	5932.3	6411.2	6863.6	7312.4
10°	2305.4	2767.7	3255.9	3793.5	4330.7	4855.7	5361.1	5853.6	6327.5	6771.6	7189.6
7.5°	2276.3	2721.9	3191.5	3719.1	4246.6	4762.4	5263.2	5756.7	6221.4	6664.6	7086.6
5°	2237.9	2673.2	3142.5	3647.8	4156.3	4659.5	5149.6	5640.6	6093.0	6540.2	6963.9
2.5°	2189.2	2612.8	3080.6	3561.5	4055.3	4553.1	5026.7	5508.6	5972.5	6402.3	6819.7
0°	2130.9	2541.3	3005.9	3459.1	3937.2	4428.7	4884.2	5355.5	5838.1	6244.0	6652.1
-2.5°	2067.4	2455.6	2897.0	3347.9	3810.0	4292.0	4759.0	5205.9	5677.8	6088.0	6504.9
-5°	1996.3	2361.1	2776.6	3222.5	3667.8	4137.7	4613.5	5038.3	5489.1	5894.8	6304.8
-7.5°	1918.5	2259.0	2646.5	3081.6	3505.9	3949.1	4399.6	4808.4	5246.6	5647.9	6047.3
-10°	1836.4	2158.3	2519.9	2922.4	3322.3	3735.5	4158.7	4559.0	4980.3	5380.0	5764.3
-12.5°	1757.8	2058.9	2389.6	2755.5	3128.7	3510.4	3904.0	4290.5	4690.2	5091.7	5451.0
-15°	1675.4	1954.6	2254.9	2582.9	2926.6	3275.9	3637.4	4003.1	4378.3	4771.1	5103.0
-17.5°	1590.1	1846.1	2117.4	2406.4	2717.3	3033.6	3365.9	3718.9	4062.3	4420.1	4741.1
-20°	1502.8	1734.5	1978.8	2227.9	2504.1	2807.3	3118.2	3435.0	3747.0	4058.6	4360.0



REPORT NUMBER: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	1414.4	1620.5	1842.8	2061.9	2324.6	2598.5	2871.2	3146.2	3426.1	3694.4	3979.6
-25°	1328.9	1514.6	1711.0	1924.0	2149.5	2390.9	2625.3	2857.7	3105.9	3357.4	3602.9
-27.5°	1246.5	1410.4	1595.8	1785.8	1973.6	2188.5	2393.6	2590.6	2807.2	3029.1	3227.4
-30°	1164.0	1319.6	1481.9	1650.5	1815.8	1995.2	2172.5	2345.2	2521.8	2711.8	2883.5
-32.5°	1087.4	1229.5	1377.2	1524.9	1665.2	1804.4	1968.3	2121.7	2266.2	2401.5	2551.4
-35°	1017.4	1147.6	1276.1	1403.5	1519.0	1641.4	1778.5	1907.8	2023.6	2132.3	2246.9
-37.5°	951.4	1067.3	1175.5	1289.4	1392.1	1496.9	1597.7	1709.6	1803.6	1890.4	1984.5
-40°	885.2	988.8	1086.3	1181.4	1275.6	1363.1	1449.1	1525.2	1600.9	1684.4	1749.0
-42.5°	820.0	916.3	1003.4	1076.4	1165.3	1240.7	1307.5	1370.6	1432.4	1497.6	1549.3
-45°	762.5	844.5	924.0	993.9	1060.5	1124.8	1181.5	1231.0	1289.5	1334.8	1373.9
-47.5°	704.4	775.5	848.2	912.7	968.4	1020.6	1062.8	1112.6	1160.5	1199.3	1222.2
-50°	647.3	712.3	773.9	834.0	884.4	926.4	962.8	1003.7	1043.6	1076.5	1098.3
-52.5°	594.7	648.9	706.0	757.2	803.7	841.2	876.0	911.6	940.8	963.4	991.9
-55°	542.7	592.7	640.3	686.3	726.0	760.4	794.4	826.1	851.1	870.6	894.1
-57.5°	493.9	539.0	580.5	619.0	654.7	684.3	717.4	744.5	767.7	786.0	810.3
-60°	446.3	486.6	524.4	558.0	587.3	616.5	643.4	668.3	688.6	706.7	729.0
-62.5°	399.0	435.4	469.5	500.3	526.9	551.1	575.4	596.6	613.6	632.3	650.8
-65°	354.6	385.4	415.2	443.3	468.5	491.5	511.5	528.6	544.5	561.2	576.1
-67.5°	310.4	339.1	364.1	386.5	409.7	432.0	450.6	466.4	479.7	493.3	505.7
-70°	270.9	293.6	316.5	336.6	354.4	373.0	391.0	405.9	417.8	428.4	438.6
-72.5°	232.0	252.2	271.0	288.4	304.5	319.4	333.6	347.1	358.2	366.5	373.8
-75°	195.1	210.8	227.0	242.2	255.3	266.8	277.7	288.5	297.6	304.7	310.6
-77.5°	159.7	172.9	185.4	197.1	206.5	215.6	224.1	231.9	238.8	244.3	248.2
-80°	125.4	134.9	145.0	154.6	161.9	168.1	173.5	178.1	183.2	188.4	193.0
-82.5°	93.3	100.2	106.9	113.4	118.5	122.8	126.5	130.1	133.8	137.1	140.1
-85°	61.4	65.3	69.4	73.4	77.2	80.7	83.6	86.1	88.2	89.9	91.3
-87.5°	30.7	32.7	34.5	36.2	38.1	39.8	41.5	43.1	44.1	44.9	45.6
-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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	35.1	35.2	35.1	35.0	34.7	33.3	31.8	30.1	28.3	29.2	30.0
85°	103.4	103.8	103.4	102.4	100.8	100.6	100.3	99.6	98.7	100.2	101.5
82.5°	194.6	196.0	196.2	195.3	193.3	194.1	194.5	194.1	192.9	194.3	195.2
80°	304.1	307.0	307.1	305.0	300.9	301.4	301.7	300.9	298.9	299.4	299.3
77.5°	433.2	439.9	442.2	441.2	437.1	435.8	432.9	427.0	418.4	418.2	418.4
75°	597.8	604.7	608.3	608.0	604.0	601.4	597.6	590.8	581.1	580.7	580.8
72.5°	779.6	789.6	794.1	798.2	798.2	796.7	791.8	781.7	766.7	764.9	766.8
70°	980.3	997.2	1007.9	1016.1	1022.6	1024.0	1020.8	1012.6	999.6	996.1	995.1
67.5°	1203.8	1230.8	1251.3	1264.9	1277.7	1286.9	1290.4	1286.7	1276.1	1272.6	1274.0
65°	1454.3	1496.0	1530.4	1556.2	1573.5	1585.7	1596.3	1602.7	1604.3	1608.0	1612.9
62.5°	1747.0	1798.2	1846.0	1878.7	1895.4	1907.3	1941.6	1961.4	1967.1	1968.4	1975.9
60°	2073.8	2138.5	2198.2	2246.2	2284.9	2314.2	2343.5	2362.8	2370.1	2371.5	2381.9
57.5°	2431.2	2512.4	2582.3	2656.6	2708.4	2738.3	2777.5	2817.7	2838.8	2844.8	2869.6
55°	2826.6	2937.4	3028.0	3107.4	3179.8	3243.4	3297.2	3338.7	3369.3	3387.8	3420.6
52.5°	3263.7	3393.9	3488.7	3582.0	3685.7	3758.8	3806.6	3883.4	3939.0	3969.6	4008.7
50°	3743.7	3888.8	4018.0	4115.7	4236.4	4336.2	4409.1	4481.8	4532.6	4561.8	4599.7
47.5°	4290.1	4468.9	4618.7	4709.4	4849.4	4967.1	5014.5	5069.4	5165.3	5211.3	5251.8
45°	4905.4	5133.4	5299.9	5441.7	5562.1	5694.0	5780.5	5842.9	5937.3	5984.7	6014.6
42.5°	5637.4	5891.1	6110.4	6280.7	6381.9	6553.0	6677.9	6713.0	6846.7	6937.5	6964.2
40°	6458.4	6739.6	7028.9	7223.0	7386.0	7559.7	7765.7	7880.3	7993.5	8082.4	8102.5
37.5°	7313.9	7690.3	8020.6	8271.1	8540.5	8796.8	9015.1	9134.1	9208.4	9378.5	9442.1
35°	8183.7	8572.0	9034.6	9424.0	9750.4	10067.0	10316.0	10512.1	10698.8	10852.0	10943.8
32.5°	8924.3	9342.2	9913.4	10496.4	10848.9	11191.7	11600.7	11825.0	12074.1	12276.0	12423.4
30°	9532.9	9930.3	10450.3	11181.9	11664.4	12011.9	12529.5	12839.7	13111.0	13453.1	13572.2
27.5°	9561.8	10182.8	10642.7	11272.7	11996.9	12349.6	12732.7	13296.5	13467.5	13955.3	14025.6
25°	9310.8	9962.9	10435.4	10961.3	11563.5	11992.5	12342.4	12811.2	13056.7	13370.4	13611.3
22.5°	8918.3	9492.9	9975.0	10421.0	10890.8	11281.5	11601.3	11930.8	12200.2	12443.6	12669.7
20°	8484.7	9030.2	9487.4	9870.9	10243.2	10605.4	10893.0	11169.8	11402.8	11611.8	11740.4
17.5°	8179.4	8571.8	9039.0	9431.8	9754.7	10038.9	10336.4	10568.1	10772.5	10960.6	11078.1
15°	7970.9	8344.1	8676.7	9037.2	9377.5	9648.4	9872.4	10111.5	10288.1	10450.0	10577.4
12.5°	7754.6	8139.2	8487.2	8787.4	9053.8	9349.6	9589.1	9777.1	9962.5	10089.6	10220.5
10°	7573.8	7933.7	8294.6	8611.7	8891.9	9135.7	9362.5	9573.4	9739.7	9882.3	9985.4
7.5°	7469.0	7821.8	8146.2	8450.4	8723.6	8983.4	9217.3	9410.6	9575.4	9723.0	9831.0
5°	7347.3	7696.6	8020.4	8331.3	8593.7	8843.4	9076.3	9275.2	9445.8	9577.2	9680.6
2.5°	7207.8	7552.4	7875.5	8191.5	8453.7	8694.5	8915.0	9109.0	9286.7	9411.9	9499.9
0°	7049.0	7394.0	7709.7	8007.4	8271.2	8530.5	8733.5	8929.6	9103.3	9227.3	9315.2
-2.5°	6888.7	7231.6	7558.4	7843.6	8105.5	8344.9	8560.9	8746.2	8912.0	9035.6	9112.8
-5°	6675.7	7016.5	7339.0	7626.4	7900.0	8140.3	8350.3	8538.8	8698.5	8833.2	8937.9
-7.5°	6417.8	6762.4	7084.6	7378.1	7650.3	7877.4	8079.1	8268.9	8439.5	8586.5	8715.4
-10°	6134.2	6475.0	6779.4	7054.3	7308.0	7538.9	7753.4	7941.0	8097.2	8241.3	8349.8
-12.5°	5804.0	6119.5	6417.3	6688.2	6936.1	7167.4	7371.4	7550.0	7707.3	7835.1	7932.8
-15°	5439.6	5739.1	6021.1	6298.0	6557.6	6785.4	6964.8	7153.1	7289.4	7413.3	7501.4
-17.5°	5049.6	5339.2	5635.9	5913.5	6153.1	6377.8	6575.3	6747.3	6890.4	7004.0	7103.4
-20°	4654.5	4949.5	5234.9	5499.5	5730.0	5938.2	6138.2	6303.5	6450.2	6573.7	6690.2



REPORT NUMBER: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4257.6	4528.1	4796.1	5054.9	5272.9	5469.8	5644.8	5803.0	5932.4	6078.2	6181.0
-25°	3849.8	4087.0	4329.0	4557.5	4763.7	4957.2	5115.8	5254.4	5389.4	5530.1	5630.4
-27.5°	3440.2	3649.8	3846.4	4048.6	4229.2	4396.9	4544.1	4665.5	4796.4	4890.4	5000.6
-30°	3035.0	3225.2	3389.1	3529.9	3699.6	3843.5	3958.1	4078.7	4186.9	4276.6	4369.5
-32.5°	2692.0	2822.0	2952.9	3070.6	3183.5	3301.8	3394.1	3499.3	3573.5	3650.9	3725.9
-35°	2362.2	2462.4	2549.3	2659.4	2744.0	2808.4	2885.5	2962.6	2992.3	3076.4	3121.2
-37.5°	2063.7	2129.4	2210.5	2287.2	2350.0	2398.1	2466.7	2507.1	2528.4	2582.8	2612.0
-40°	1808.1	1849.6	1925.3	1977.7	2015.5	2050.4	2107.4	2133.7	2162.8	2189.8	2190.6
-42.5°	1583.3	1636.7	1688.0	1729.2	1753.0	1792.9	1819.7	1822.7	1860.3	1884.3	1888.1
-45°	1399.4	1453.7	1494.4	1524.6	1548.4	1582.7	1600.0	1609.7	1640.3	1656.7	1663.8
-47.5°	1258.2	1296.1	1331.3	1354.6	1385.9	1411.3	1424.0	1440.1	1463.7	1478.7	1489.4
-50°	1134.0	1164.0	1190.8	1212.2	1243.3	1265.9	1278.0	1297.9	1315.5	1326.3	1334.8
-52.5°	1024.7	1051.6	1070.2	1090.9	1116.7	1136.7	1152.2	1171.8	1186.5	1196.0	1203.5
-55°	922.5	947.7	965.8	988.5	1006.9	1020.4	1033.5	1052.8	1067.2	1076.9	1083.2
-57.5°	832.3	851.3	869.1	889.6	907.2	921.7	933.5	944.1	953.6	961.5	967.8
-60°	747.8	763.3	779.6	795.6	808.9	819.4	832.0	841.6	847.7	851.5	856.6
-62.5°	666.6	680.5	694.9	707.8	718.4	727.2	737.4	745.4	751.0	755.0	758.0
-65°	589.3	601.3	613.5	624.3	633.4	641.1	648.3	653.9	657.9	661.3	663.9
-67.5°	517.2	526.6	535.1	542.6	549.5	556.0	562.3	566.6	568.9	571.6	574.4
-70°	447.4	454.9	460.6	465.1	469.1	474.3	480.3	484.6	487.0	489.7	492.2
-72.5°	380.0	385.5	390.2	393.9	396.1	399.4	403.6	407.0	409.6	411.7	412.6
-75°	315.1	319.6	323.7	326.6	328.3	330.7	332.8	333.9	334.1	335.0	335.6
-77.5°	251.7	256.1	260.0	262.7	264.4	266.3	267.8	268.7	268.8	268.9	268.4
-80°	196.4	199.5	202.0	203.9	205.2	206.6	207.3	207.5	207.0	207.5	207.6
-82.5°	142.7	145.4	147.6	149.3	150.5	151.9	152.9	153.7	154.2	154.3	154.1
-85°	92.4	93.6	94.8	95.9	96.8	97.5	97.8	97.9	97.7	97.8	97.6
-87.5°	46.2	45.7	45.0	44.1	43.0	43.3	43.5	43.6	43.6	44.0	44.4
-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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	30.8	31.5	29.3	27.1	29.3	31.5	30.8	30.0	29.2	28.3	30.1
85°	102.5	103.1	101.3	99.2	101.3	103.1	102.5	101.5	100.2	98.7	99.6
82.5°	195.5	195.2	193.7	191.7	193.7	195.2	195.5	195.2	194.3	192.9	194.1
80°	298.2	296.3	295.0	293.1	295.0	296.3	298.2	299.3	299.4	298.9	300.9
77.5°	417.4	415.1	418.8	421.7	418.8	415.1	417.4	418.4	418.2	418.4	427.0
75°	578.6	574.2	569.9	563.7	569.9	574.2	578.6	580.8	580.7	581.1	590.8
72.5°	765.9	762.4	759.0	753.2	759.0	762.4	765.9	766.8	764.9	766.7	781.7
70°	989.1	978.7	980.4	980.9	980.4	978.7	989.1	995.1	996.1	999.6	1012.6
67.5°	1270.0	1260.4	1261.6	1260.5	1261.6	1260.4	1270.0	1274.0	1272.6	1276.1	1286.7
65°	1610.0	1599.2	1586.3	1567.2	1586.3	1599.2	1610.0	1612.9	1608.0	1604.3	1602.7
62.5°	1975.0	1965.5	1970.9	1975.3	1970.9	1965.5	1975.0	1975.9	1968.4	1967.1	1961.4
60°	2380.3	2367.0	2360.4	2349.7	2360.4	2367.0	2380.3	2381.9	2371.5	2370.1	2362.8
57.5°	2880.9	2878.5	2872.6	2857.0	2872.6	2878.5	2880.9	2869.6	2844.8	2838.8	2817.7
55°	3436.0	3432.9	3445.7	3461.4	3445.7	3432.9	3436.0	3420.6	3387.8	3369.3	3338.7
52.5°	4037.6	4047.7	4044.1	4022.8	4044.1	4047.7	4037.6	4008.7	3969.6	3939.0	3883.4
50°	4633.0	4644.4	4656.6	4667.8	4656.6	4644.4	4633.0	4599.7	4561.8	4532.6	4481.8
47.5°	5307.8	5337.9	5343.1	5321.7	5343.1	5337.9	5307.8	5251.8	5211.3	5165.3	5069.4
45°	6074.5	6092.6	6101.8	6120.0	6101.8	6092.6	6074.5	6014.6	5984.7	5937.3	5842.9
42.5°	7041.1	7062.0	7065.3	7085.1	7065.3	7062.0	7041.1	6964.2	6937.5	6846.7	6713.0
40°	8188.4	8222.4	8216.6	8208.1	8216.6	8222.4	8188.4	8102.5	8082.4	7993.5	7880.3
37.5°	9531.5	9589.2	9595.2	9630.9	9595.2	9589.2	9531.5	9442.1	9378.5	9208.4	9134.1
35°	11038.8	11106.8	11095.0	11112.4	11095.0	11106.8	11038.8	10943.8	10852.0	10698.8	10512.1
32.5°	12559.2	12661.2	12681.7	12767.6	12681.7	12661.2	12559.2	12423.4	12276.0	12074.1	11825.0
30°	13753.8	13896.7	13990.0	13983.0	13990.0	13896.7	13753.8	13572.2	13453.1	13111.0	12839.7
27.5°	14248.6	14433.8	14607.2	14659.5	14607.2	14433.8	14248.6	14025.6	13955.3	13467.5	13296.5
25°	13765.8	13901.1	14054.2	14136.3	14054.2	13901.1	13765.8	13611.3	13370.4	13056.7	12811.2
22.5°	12773.7	12861.7	12913.9	12871.3	12913.9	12861.7	12773.7	12669.7	12443.6	12200.2	11930.8
20°	11873.5	11984.9	12005.6	12050.5	12005.6	11984.9	11873.5	11740.4	11611.8	11402.8	11169.8
17.5°	11203.5	11276.5	11319.2	11328.9	11319.2	11276.5	11203.5	11078.1	10960.6	10772.5	10568.1
15°	10678.4	10736.9	10775.3	10792.2	10775.3	10736.9	10678.4	10577.4	10450.0	10288.1	10111.5
12.5°	10306.3	10377.6	10412.5	10433.7	10412.5	10377.6	10306.3	10220.5	10089.6	9962.5	9777.1
10°	10067.7	10136.5	10164.1	10174.4	10164.1	10136.5	10067.7	9985.4	9882.3	9739.7	9573.4
7.5°	9896.3	9940.5	9959.2	9973.7	9959.2	9940.5	9896.3	9831.0	9723.0	9575.4	9410.6
5°	9758.0	9793.2	9812.9	9833.9	9812.9	9793.2	9758.0	9680.6	9577.2	9445.8	9275.2
2.5°	9569.9	9620.2	9655.0	9676.0	9655.0	9620.2	9569.9	9499.9	9411.9	9286.7	9109.0
0°	9385.1	9432.5	9457.3	9497.9	9457.3	9432.5	9385.1	9315.2	9227.3	9103.3	8929.6
-2.5°	9182.0	9236.8	9302.0	9364.8	9302.0	9236.8	9182.0	9112.8	9035.6	8912.0	8746.2
-5°	9026.6	9099.0	9112.6	9152.9	9112.6	9099.0	9026.6	8937.9	8833.2	8698.5	8538.8
-7.5°	8792.1	8825.2	8881.3	8891.3	8881.3	8825.2	8792.1	8715.4	8586.5	8439.5	8268.9
-10°	8430.8	8484.5	8519.5	8555.3	8519.5	8484.5	8430.8	8349.8	8241.3	8097.2	7941.0
-12.5°	8006.3	8069.4	8125.8	8117.9	8125.8	8069.4	8006.3	7932.8	7835.1	7707.3	7550.0
-15°	7592.7	7653.7	7692.4	7687.2	7692.4	7653.7	7592.7	7501.4	7413.3	7289.4	7153.1
-17.5°	7182.2	7237.9	7293.9	7292.5	7293.9	7237.9	7182.2	7103.4	7004.0	6890.4	6747.3
-20°	6758.4	6806.0	6866.0	6891.2	6866.0	6806.0	6758.4	6690.2	6573.7	6450.2	6303.5



REPORT NUMBER: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	6268.2	6329.1	6372.8	6399.6	6372.8	6329.1	6268.2	6181.0	6078.2	5932.4	5803.0
-25°	5696.9	5759.4	5792.6	5804.3	5792.6	5759.4	5696.9	5630.4	5530.1	5389.4	5254.4
-27.5°	5065.6	5135.8	5169.9	5152.6	5169.9	5135.8	5065.6	5000.6	4890.4	4796.4	4665.5
-30°	4418.3	4463.3	4468.5	4507.7	4468.5	4463.3	4418.3	4369.5	4276.6	4186.9	4078.7
-32.5°	3779.7	3809.9	3792.7	3795.1	3792.7	3809.9	3779.7	3725.9	3650.9	3573.5	3499.3
-35°	3149.1	3173.1	3178.0	3222.3	3178.0	3173.1	3149.1	3121.2	3076.4	2992.3	2962.6
-37.5°	2642.1	2651.8	2636.9	2615.8	2636.9	2651.8	2642.1	2612.0	2582.8	2528.4	2507.1
-40°	2212.1	2219.6	2214.1	2203.1	2214.1	2219.6	2212.1	2190.6	2189.8	2162.8	2133.7
-42.5°	1902.8	1902.8	1897.8	1896.4	1897.8	1902.8	1902.8	1888.1	1884.3	1860.3	1822.7
-45°	1674.3	1676.6	1676.2	1675.4	1676.2	1676.6	1674.3	1663.8	1656.7	1640.3	1609.7
-47.5°	1497.0	1497.5	1495.1	1490.5	1495.1	1497.5	1497.0	1489.4	1478.7	1463.7	1440.1
-50°	1340.0	1340.0	1343.1	1348.5	1343.1	1340.0	1340.0	1334.8	1326.3	1315.5	1297.9
-52.5°	1207.4	1207.1	1208.8	1210.9	1208.8	1207.1	1207.4	1203.5	1196.0	1186.5	1171.8
-55°	1086.1	1085.4	1083.8	1080.1	1083.8	1085.4	1086.1	1083.2	1076.9	1067.2	1052.8
-57.5°	970.1	968.7	965.8	960.6	965.8	968.7	970.1	967.8	961.5	953.6	944.1
-60°	859.5	860.0	858.5	854.6	858.5	860.0	859.5	856.6	851.5	847.7	841.6
-62.5°	758.7	757.2	756.9	755.4	756.9	757.2	758.7	758.0	755.0	751.0	745.4
-65°	664.3	662.8	663.3	663.0	663.3	662.8	664.3	663.9	661.3	657.9	653.9
-67.5°	575.5	575.0	575.5	575.0	575.5	575.0	575.5	574.4	571.6	568.9	566.6
-70°	493.6	493.8	491.3	487.1	491.3	493.8	493.6	492.2	489.7	487.0	484.6
-72.5°	412.4	411.0	411.1	410.4	411.1	411.0	412.4	412.6	411.7	409.6	407.0
-75°	335.5	334.6	336.7	338.2	336.7	334.6	335.5	335.6	335.0	334.1	333.9
-77.5°	267.1	265.1	266.9	268.3	266.9	265.1	267.1	268.4	268.9	268.8	268.7
-80°	207.4	206.7	206.2	205.2	206.2	206.7	207.4	207.6	207.5	207.0	207.5
-82.5°	153.6	152.7	152.1	151.1	152.1	152.7	153.6	154.1	154.3	154.2	153.7
-85°	97.2	96.6	98.0	99.2	98.0	96.6	97.2	97.6	97.8	97.7	97.9
-87.5°	44.7	44.9	43.9	42.8	43.9	44.9	44.7	44.4	44.0	43.6	43.6
-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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	31.8	33.3	34.7	35.0	35.1	35.2	35.1	34.9	34.6	34.1	33.5
85°	100.3	100.6	100.8	102.4	103.4	103.8	103.4	101.6	99.2	96.0	92.2
82.5°	194.5	194.1	193.3	195.3	196.2	196.0	194.6	190.7	185.8	179.6	172.3
80°	301.7	301.4	300.9	305.0	307.1	307.0	304.1	297.2	288.1	278.8	269.5
77.5°	432.9	435.8	437.1	441.2	442.2	439.9	433.2	422.7	413.5	401.5	385.7
75°	597.6	601.4	604.0	608.0	608.3	604.7	597.8	585.1	568.3	547.3	519.2
72.5°	791.8	796.7	798.2	798.2	794.1	789.6	779.6	762.6	740.5	713.3	676.2
70°	1020.8	1024.0	1022.6	1016.1	1007.9	997.2	980.3	956.4	925.8	893.7	848.3
67.5°	1290.4	1286.9	1277.7	1264.9	1251.3	1230.8	1203.8	1169.4	1134.2	1093.9	1032.7
65°	1596.3	1585.7	1573.5	1556.2	1530.4	1496.0	1454.3	1410.9	1364.8	1308.7	1231.4
62.5°	1941.6	1907.3	1895.4	1878.7	1846.0	1798.2	1747.0	1691.8	1623.0	1542.7	1465.0
60°	2343.5	2314.2	2284.9	2246.2	2198.2	2138.5	2073.8	1999.0	1914.3	1824.8	1720.9
57.5°	2777.5	2738.3	2708.4	2656.6	2582.3	2512.4	2431.2	2328.2	2226.6	2122.9	1998.7
55°	3297.2	3243.4	3179.8	3107.4	3028.0	2937.4	2826.6	2706.2	2582.0	2439.2	2306.9
52.5°	3806.6	3758.8	3685.7	3582.0	3488.7	3393.9	3263.7	3122.6	2982.3	2834.2	2648.5
50°	4409.1	4336.2	4236.4	4115.7	4018.0	3888.8	3743.7	3572.5	3426.4	3257.1	3052.4
47.5°	5014.5	4967.1	4849.4	4709.4	4618.7	4468.9	4290.1	4098.6	3937.2	3706.8	3483.8
45°	5780.5	5694.0	5562.1	5441.7	5299.9	5133.4	4905.4	4722.3	4506.6	4255.1	3931.8
42.5°	6677.9	6553.0	6381.9	6280.7	6110.4	5891.1	5637.4	5406.9	5137.8	4843.7	4472.4
40°	7765.7	7559.7	7386.0	7223.0	7028.9	6739.6	6458.4	6151.5	5829.7	5467.9	4984.6
37.5°	9015.1	8796.8	8540.5	8271.1	8020.6	7690.3	7313.9	6952.5	6565.8	6021.5	5470.5
35°	10316.0	10067.0	9750.4	9424.0	9034.6	8572.0	8183.7	7757.4	7229.3	6523.1	5920.0
32.5°	11600.7	11191.7	10848.9	10496.4	9913.4	9342.2	8924.3	8545.5	7648.7	6920.0	6315.0
30°	12529.5	12011.9	11664.4	11181.9	10450.3	9930.3	9532.9	8746.6	7911.9	7196.8	6622.6
27.5°	12732.7	12349.6	11996.9	11272.7	10642.7	10182.8	9561.8	8760.2	8001.2	7328.3	6772.4
25°	12342.4	11992.5	11563.5	10961.3	10435.4	9962.9	9310.8	8584.8	7903.6	7310.4	6686.4
22.5°	11601.3	11281.5	10890.8	10421.0	9975.0	9492.9	8918.3	8289.0	7703.1	7147.7	6543.7
20°	10893.0	10605.4	10243.2	9870.9	9487.4	9030.2	8484.7	7970.3	7493.5	6955.7	6372.2
17.5°	10336.4	10038.9	9754.7	9431.8	9039.0	8571.8	8179.4	7755.5	7284.4	6750.1	6176.5
15°	9872.4	9648.4	9377.5	9037.2	8676.7	8344.1	7970.9	7537.5	7068.1	6527.9	5993.8
12.5°	9589.1	9349.6	9053.8	8787.4	8487.2	8139.2	7754.6	7312.4	6863.6	6411.2	5932.3
10°	9362.5	9135.7	8891.9	8611.7	8294.6	7933.7	7573.8	7189.6	6771.6	6327.5	5853.6
7.5°	9217.3	8983.4	8723.6	8450.4	8146.2	7821.8	7469.0	7086.6	6664.6	6221.4	5756.7
5°	9076.3	8843.4	8593.7	8331.3	8020.4	7696.6	7347.3	6963.9	6540.2	6093.0	5640.6
2.5°	8915.0	8694.5	8453.7	8191.5	7875.5	7552.4	7207.8	6819.7	6402.3	5972.5	5508.6
0°	8733.5	8530.5	8271.2	8007.4	7709.7	7394.0	7049.0	6652.1	6244.0	5838.1	5355.5
-2.5°	8560.9	8344.9	8105.5	7843.6	7558.4	7231.6	6888.7	6504.9	6088.0	5677.8	5205.9
-5°	8350.3	8140.3	7900.0	7626.4	7339.0	7016.5	6675.7	6304.8	5894.8	5489.1	5038.3
-7.5°	8079.1	7877.4	7650.3	7378.1	7084.6	6762.4	6417.8	6047.3	5647.9	5246.6	4808.4
-10°	7753.4	7538.9	7308.0	7054.3	6779.4	6475.0	6134.2	5764.3	5380.0	4980.3	4559.0
-12.5°	7371.4	7167.4	6936.1	6688.2	6417.3	6119.5	5804.0	5451.0	5091.7	4690.2	4290.5
-15°	6964.8	6785.4	6557.6	6298.0	6021.1	5739.1	5439.6	5103.0	4771.1	4378.3	4003.1
-17.5°	6575.3	6377.8	6153.1	5913.5	5635.9	5339.2	5049.6	4741.1	4420.1	4062.3	3718.9
-20°	6138.2	5938.2	5730.0	5499.5	5234.9	4949.5	4654.5	4360.0	4058.6	3747.0	3435.0



REPORT NUMBER: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	5644.8	5469.8	5272.9	5054.9	4796.1	4528.1	4257.6	3979.6	3694.4	3426.1	3146.2
-25°	5115.8	4957.2	4763.7	4557.5	4329.0	4087.0	3849.8	3602.9	3357.4	3105.9	2857.7
-27.5°	4544.1	4396.9	4229.2	4048.6	3846.4	3649.8	3440.2	3227.4	3029.1	2807.2	2590.6
-30°	3958.1	3843.5	3699.6	3529.9	3389.1	3225.2	3035.0	2883.5	2711.8	2521.8	2345.2
-32.5°	3394.1	3301.8	3183.5	3070.6	2952.9	2822.0	2692.0	2551.4	2401.5	2266.2	2121.7
-35°	2885.5	2808.4	2744.0	2659.4	2549.3	2462.4	2362.2	2246.9	2132.3	2023.6	1907.8
-37.5°	2466.7	2398.1	2350.0	2287.2	2210.5	2129.4	2063.7	1984.5	1890.4	1803.6	1709.6
-40°	2107.4	2050.4	2015.5	1977.7	1925.3	1849.6	1808.1	1749.0	1684.4	1600.9	1525.2
-42.5°	1819.7	1792.9	1753.0	1729.2	1688.0	1636.7	1583.3	1549.3	1497.6	1432.4	1370.6
-45°	1600.0	1582.7	1548.4	1524.6	1494.4	1453.7	1399.4	1373.9	1334.8	1289.5	1231.0
-47.5°	1424.0	1411.3	1385.9	1354.6	1331.3	1296.1	1258.2	1222.2	1199.3	1160.5	1112.6
-50°	1278.0	1265.9	1243.3	1212.2	1190.8	1164.0	1134.0	1098.3	1076.5	1043.6	1003.7
-52.5°	1152.2	1136.7	1116.7	1090.9	1070.2	1051.6	1024.7	991.9	963.4	940.8	911.6
-55°	1033.5	1020.4	1006.9	988.5	965.8	947.7	922.5	894.1	870.6	851.1	826.1
-57.5°	933.5	921.7	907.2	889.6	869.1	851.3	832.3	810.3	786.0	767.7	744.5
-60°	832.0	819.4	808.9	795.6	779.6	763.3	747.8	729.0	706.7	688.6	668.3
-62.5°	737.4	727.2	718.4	707.8	694.9	680.5	666.6	650.8	632.3	613.6	596.6
-65°	648.3	641.1	633.4	624.3	613.5	601.3	589.3	576.1	561.2	544.5	528.6
-67.5°	562.3	556.0	549.5	542.6	535.1	526.6	517.2	505.7	493.3	479.7	466.4
-70°	480.3	474.3	469.1	465.1	460.6	454.9	447.4	438.6	428.4	417.8	405.9
-72.5°	403.6	399.4	396.1	393.9	390.2	385.5	380.0	373.8	366.5	358.2	347.1
-75°	332.8	330.7	328.3	326.6	323.7	319.6	315.1	310.6	304.7	297.6	288.5
-77.5°	267.8	266.3	264.4	262.7	260.0	256.1	251.7	248.2	244.3	238.8	231.9
-80°	207.3	206.6	205.2	203.9	202.0	199.5	196.4	193.0	188.4	183.2	178.1
-82.5°	152.9	151.9	150.5	149.3	147.6	145.4	142.7	140.1	137.1	133.8	130.1
-85°	97.8	97.5	96.8	95.9	94.8	93.6	92.4	91.3	89.9	88.2	86.1
-87.5°	43.5	43.3	43.0	44.1	45.0	45.7	46.2	45.6	44.9	44.1	43.1
-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: P559074 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5D-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°	32.8	31.9	30.9	29.8	29.1	28.2	27.1	25.7	23.5	21.2	18.8
85°	87.5	82.1	76.1	69.5	63.1	56.4	54.2	51.4	47.0	42.4	37.6
82.5°	163.2	155.3	147.1	137.9	127.8	117.1	105.8	93.7	79.0	64.8	56.3
80°	257.6	244.4	229.9	214.1	196.5	177.7	162.3	145.4	124.5	104.4	85.0
77.5°	365.1	342.7	318.5	297.8	276.3	253.1	228.1	199.9	169.6	143.5	118.5
75°	484.9	456.7	427.6	396.0	362.4	328.5	298.9	264.4	223.3	183.3	151.5
72.5°	633.9	590.2	545.1	498.8	458.5	417.1	374.5	327.8	279.6	232.4	186.6
70°	793.4	733.1	676.5	620.8	562.8	505.6	456.0	398.3	335.0	280.8	228.2
67.5°	963.2	897.4	825.5	746.5	676.7	608.9	539.4	469.5	398.6	328.3	268.9
65°	1156.1	1072.9	983.1	896.4	803.9	713.3	635.5	543.2	460.9	383.3	308.7
62.5°	1368.1	1259.5	1161.8	1052.8	944.6	837.8	728.4	624.5	524.0	437.0	353.0
60°	1608.4	1489.2	1352.0	1230.0	1099.5	968.6	838.7	703.1	593.4	489.2	398.4
57.5°	1872.6	1732.6	1585.8	1424.5	1271.4	1116.4	948.6	792.9	660.3	546.0	442.0
55°	2148.9	1991.5	1825.7	1648.2	1459.1	1280.3	1064.3	884.7	727.9	602.2	482.6
52.5°	2458.2	2270.1	2078.8	1878.8	1670.5	1439.5	1192.8	971.4	803.7	655.9	525.7
50°	2814.6	2579.4	2352.4	2122.4	1884.8	1606.8	1312.8	1075.0	874.9	710.0	566.6
47.5°	3221.2	2935.6	2654.2	2378.3	2115.5	1762.3	1445.0	1173.8	941.2	767.8	604.8
45°	3642.2	3327.6	2986.8	2667.6	2302.9	1919.7	1573.7	1264.8	1021.3	818.1	640.0
42.5°	4064.8	3724.4	3358.6	2959.5	2495.3	2068.8	1691.2	1367.1	1095.2	864.3	676.8
40°	4534.2	4119.8	3729.4	3230.6	2670.3	2204.4	1812.2	1463.0	1161.7	910.9	713.8
37.5°	4981.9	4523.7	4094.4	3437.5	2830.4	2343.2	1922.7	1548.8	1222.4	961.2	747.3
35°	5399.7	4915.1	4278.4	3605.8	2989.2	2460.7	2020.5	1629.7	1287.0	1005.6	777.4
32.5°	5780.8	5166.0	4419.5	3737.1	3115.1	2556.6	2109.3	1701.8	1342.2	1043.9	804.1
30°	6040.6	5259.8	4516.3	3832.0	3209.0	2649.6	2181.5	1761.5	1388.1	1076.2	828.8
27.5°	6054.3	5303.4	4568.1	3891.2	3273.6	2717.7	2236.4	1809.1	1424.8	1106.2	854.5
25°	6006.9	5284.2	4575.7	3913.2	3307.9	2773.5	2278.5	1844.7	1458.6	1135.4	875.5
22.5°	5895.9	5216.2	4541.2	3898.4	3345.4	2812.0	2313.4	1875.2	1485.8	1157.4	891.8
20°	5755.7	5105.6	4483.3	3912.9	3364.3	2836.6	2339.6	1894.9	1503.5	1172.3	903.5
17.5°	5583.9	5017.9	4473.5	3910.2	3364.3	2843.9	2351.4	1904.0	1511.8	1180.5	910.9
15°	5504.9	4983.5	4444.2	3889.3	3345.8	2834.4	2349.3	1902.7	1511.3	1182.2	916.1
12.5°	5441.4	4929.4	4396.6	3850.4	3309.4	2808.7	2333.7	1891.4	1502.2	1182.2	919.9
10°	5361.1	4855.7	4330.7	3793.5	3255.9	2767.7	2305.4	1874.2	1497.7	1180.2	920.1
7.5°	5263.2	4762.4	4246.6	3719.1	3191.5	2721.9	2276.3	1855.1	1488.2	1173.3	916.9
5°	5149.6	4659.5	4156.3	3647.8	3142.5	2673.2	2237.9	1826.6	1472.4	1161.6	910.5
2.5°	5026.7	4553.1	4055.3	3561.5	3080.6	2612.8	2189.2	1789.7	1450.5	1145.4	901.0
0°	4884.2	4428.7	3937.2	3459.1	3005.9	2541.3	2130.9	1745.3	1422.9	1125.2	888.5
-2.5°	4759.0	4292.0	3810.0	3347.9	2897.0	2455.6	2067.4	1700.6	1392.3	1105.3	875.4
-5°	4613.5	4137.7	3667.8	3222.5	2776.6	2361.1	1996.3	1650.1	1356.7	1081.9	859.8
-7.5°	4399.6	3949.1	3505.9	3081.6	2646.5	2259.0	1918.5	1594.5	1316.8	1055.3	841.8
-10°	4158.7	3735.5	3322.3	2922.4	2519.9	2158.3	1836.4	1534.6	1273.0	1025.7	821.6
-12.5°	3904.0	3510.4	3128.7	2755.5	2389.6	2058.9	1757.8	1475.7	1226.2	993.5	799.4
-15°	3637.4	3275.9	2926.6	2582.9	2254.9	1954.6	1675.4	1415.6	1180.3	960.5	775.4
-17.5°	3365.9	3033.6	2717.3	2406.4	2117.4	1846.1	1590.1	1352.4	1131.7	927.4	751.5
-20°	3118.2	2807.3	2504.1	2227.9	1978.8	1734.5	1502.8	1286.7	1081.0	892.6	727.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2871.2	2598.5	2324.6	2061.9	1842.8	1620.5	1414.4	1219.0	1028.6	856.3	701.1
-25°	2625.3	2390.9	2149.5	1924.0	1711.0	1514.6	1328.9	1149.6	974.9	818.6	673.6
-27.5°	2393.6	2188.5	1973.6	1785.8	1595.8	1410.4	1246.5	1083.7	922.8	779.9	644.5
-30°	2172.5	1995.2	1815.8	1650.5	1481.9	1319.6	1164.0	1018.1	875.3	742.5	614.1
-32.5°	1968.3	1804.4	1665.2	1524.9	1377.2	1229.5	1087.4	952.8	827.6	705.3	585.8
-35°	1778.5	1641.4	1519.0	1403.5	1276.1	1147.6	1017.4	888.1	779.9	666.9	557.8
-37.5°	1597.7	1496.9	1392.1	1289.4	1175.5	1067.3	951.4	834.7	732.4	627.5	529.2
-40°	1449.1	1363.1	1275.6	1181.4	1086.3	988.8	885.2	784.1	686.1	587.3	500.2
-42.5°	1307.5	1240.7	1165.3	1076.4	1003.4	916.3	820.0	732.5	641.4	551.1	470.8
-45°	1181.5	1124.8	1060.5	993.9	924.0	844.5	762.5	680.6	596.6	517.1	442.2
-47.5°	1062.8	1020.6	968.4	912.7	848.2	775.5	704.4	631.1	551.8	483.0	415.0
-50°	962.8	926.4	884.4	834.0	773.9	712.3	647.3	581.8	514.1	449.4	387.1
-52.5°	876.0	841.2	803.7	757.2	706.0	648.9	594.7	533.4	475.8	416.9	358.8
-55°	794.4	760.4	726.0	686.3	640.3	592.7	542.7	490.5	436.8	384.5	330.4
-57.5°	717.4	684.3	654.7	619.0	580.5	539.0	493.9	447.1	399.6	351.5	305.2
-60°	643.4	616.5	587.3	558.0	524.4	486.6	446.3	404.2	362.5	319.0	279.6
-62.5°	575.4	551.1	526.9	500.3	469.5	435.4	399.0	363.3	325.0	289.8	253.7
-65°	511.5	491.5	468.5	443.3	415.2	385.4	354.6	322.0	291.2	260.2	227.6
-67.5°	450.6	432.0	409.7	386.5	364.1	339.1	310.4	284.3	258.1	230.3	201.9
-70°	391.0	373.0	354.4	336.6	316.5	293.6	270.9	248.0	224.8	201.6	176.0
-72.5°	333.6	319.4	304.5	288.4	271.0	252.2	232.0	212.2	193.7	172.9	149.9
-75°	277.7	266.8	255.3	242.2	227.0	210.8	195.1	179.0	162.5	144.1	126.8
-77.5°	224.1	215.6	206.5	197.1	185.4	172.9	159.7	145.9	132.4	119.0	104.7
-80°	173.5	168.1	161.9	154.6	145.0	134.9	125.4	115.6	105.3	94.2	82.4
-82.5°	126.5	122.8	118.5	113.4	106.9	100.2	93.3	86.2	78.0	69.3	60.8
-85°	83.6	80.7	77.2	73.4	69.4	65.3	61.4	57.1	51.7	46.2	40.6
-87.5°	41.5	39.8	38.1	36.2	34.5	32.7	30.7	28.6	25.9	23.1	20.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.3	13.8	11.2	8.5	5.7	2.8	0.0
85°	32.6	27.5	22.3	16.9	11.4	5.6	0.0
82.5°	48.9	41.2	33.4	25.3	17.0	8.4	0.0
80°	66.5	54.9	44.4	33.7	22.7	11.2	0.0
77.5°	94.5	71.6	55.4	42.0	28.3	13.9	0.0
75°	122.1	93.9	67.4	50.2	33.8	16.6	0.0
72.5°	149.2	115.9	84.5	58.4	39.2	19.3	0.0
70°	176.9	137.4	101.2	67.2	44.6	21.9	0.0
67.5°	210.7	158.5	117.6	79.2	49.9	24.5	0.0
65°	243.6	182.0	133.6	90.8	55.0	27.1	0.0
62.5°	275.4	207.5	149.2	102.2	60.1	29.6	0.0
60°	306.0	232.1	164.3	113.3	65.0	32.0	0.0
57.5°	340.7	255.8	182.5	124.0	72.0	34.4	0.0
55°	374.3	278.5	200.1	134.4	78.8	36.7	0.0
52.5°	406.2	300.8	216.9	144.4	85.3	39.0	0.0
50°	436.1	325.2	233.0	153.9	91.7	41.1	0.0
47.5°	464.7	348.1	248.2	163.6	97.8	43.2	0.0
45°	494.5	369.5	262.5	174.2	103.6	45.2	0.0
42.5°	522.0	389.3	275.8	184.3	109.2	47.1	0.0
40°	547.1	407.5	289.4	193.9	114.5	48.9	0.0
37.5°	569.7	424.0	303.0	202.9	119.5	50.6	0.0
35°	589.8	440.6	315.3	211.4	124.2	52.2	0.0
32.5°	609.2	456.0	326.5	219.3	128.6	53.7	0.0
30°	630.0	469.7	336.5	226.6	132.7	55.1	0.0
27.5°	647.9	481.4	345.9	233.2	136.5	56.4	0.0
25°	663.1	491.2	354.3	239.2	140.0	57.6	0.0
22.5°	675.5	499.8	361.5	244.6	143.1	58.7	0.0
20°	685.1	508.4	367.5	249.3	145.9	59.7	0.0
17.5°	693.8	515.4	372.3	253.4	148.3	60.5	0.0
15°	700.8	521.0	376.1	256.8	150.4	61.2	0.0
12.5°	705.1	525.0	378.7	259.6	152.2	61.8	0.0
10°	706.8	527.6	380.3	261.7	153.6	62.3	0.0
7.5°	706.0	528.7	380.8	263.2	154.6	62.7	0.0
5°	702.8	528.3	380.4	264.0	155.3	63.0	0.0
2.5°	697.5	526.5	378.9	264.2	155.6	63.1	0.0
0°	690.0	523.2	376.6	263.8	155.6	63.1	0.0
-2.5°	682.1	518.2	374.8	262.6	155.2	63.2	0.0
-5°	672.3	512.0	372.1	260.8	154.5	63.2	0.0
-7.5°	660.8	504.4	368.6	258.4	153.4	63.0	0.0
-10°	647.5	495.7	364.2	255.4	152.1	62.7	0.0
-12.5°	632.6	486.0	359.0	251.9	150.3	62.3	0.0
-15°	616.3	475.2	353.0	247.8	148.3	61.8	0.0
-17.5°	598.4	463.5	346.2	243.1	146.0	61.2	0.0
-20°	580.0	451.0	338.6	238.0	143.3	60.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	561.5	437.8	330.3	232.4	140.4	59.5	0.0
-25°	541.9	424.6	321.2	226.3	137.2	58.5	0.0
-27.5°	521.2	410.8	311.4	219.7	133.8	57.4	0.0
-30°	499.7	396.2	301.0	212.7	130.0	56.1	0.0
-32.5°	477.3	380.7	290.2	205.3	126.1	54.8	0.0
-35°	456.4	364.5	278.9	197.4	121.8	53.3	0.0
-37.5°	435.8	348.1	267.0	189.2	117.4	51.7	0.0
-40°	414.3	332.4	254.6	180.6	112.8	50.0	0.0
-42.5°	392.2	316.2	242.2	171.8	107.9	48.2	0.0
-45°	369.4	299.4	230.0	162.6	102.8	46.3	0.0
-47.5°	346.0	282.2	217.3	153.1	97.6	44.3	0.0
-50°	324.5	264.6	204.1	144.5	92.2	42.2	0.0
-52.5°	303.1	246.5	190.6	136.1	86.6	40.0	0.0
-55°	281.3	229.1	176.7	127.5	80.8	37.8	0.0
-57.5°	259.3	211.4	162.4	118.6	74.9	35.4	0.0
-60°	237.0	193.3	148.0	109.6	68.9	33.0	0.0
-62.5°	215.2	174.9	135.7	100.3	63.8	30.5	0.0
-65°	193.0	156.2	123.2	90.8	58.5	28.0	0.0
-67.5°	170.6	138.8	110.5	81.1	53.0	25.3	0.0
-70°	147.8	122.9	97.6	71.3	47.5	22.7	0.0
-72.5°	128.2	106.8	84.5	62.4	41.8	19.9	0.0
-75°	109.0	90.5	71.2	53.7	36.0	17.2	0.0
-77.5°	89.5	74.0	59.3	44.9	30.2	14.4	0.0
-80°	70.0	58.8	47.5	36.0	24.2	11.5	0.0
-82.5°	52.4	44.2	35.7	27.1	18.2	8.7	0.0
-85°	35.0	29.5	23.9	18.1	12.2	5.8	0.0
-87.5°	17.5	14.8	11.9	9.0	6.1	2.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)