

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: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-927-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558818 (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-927-U-WAF-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (48) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

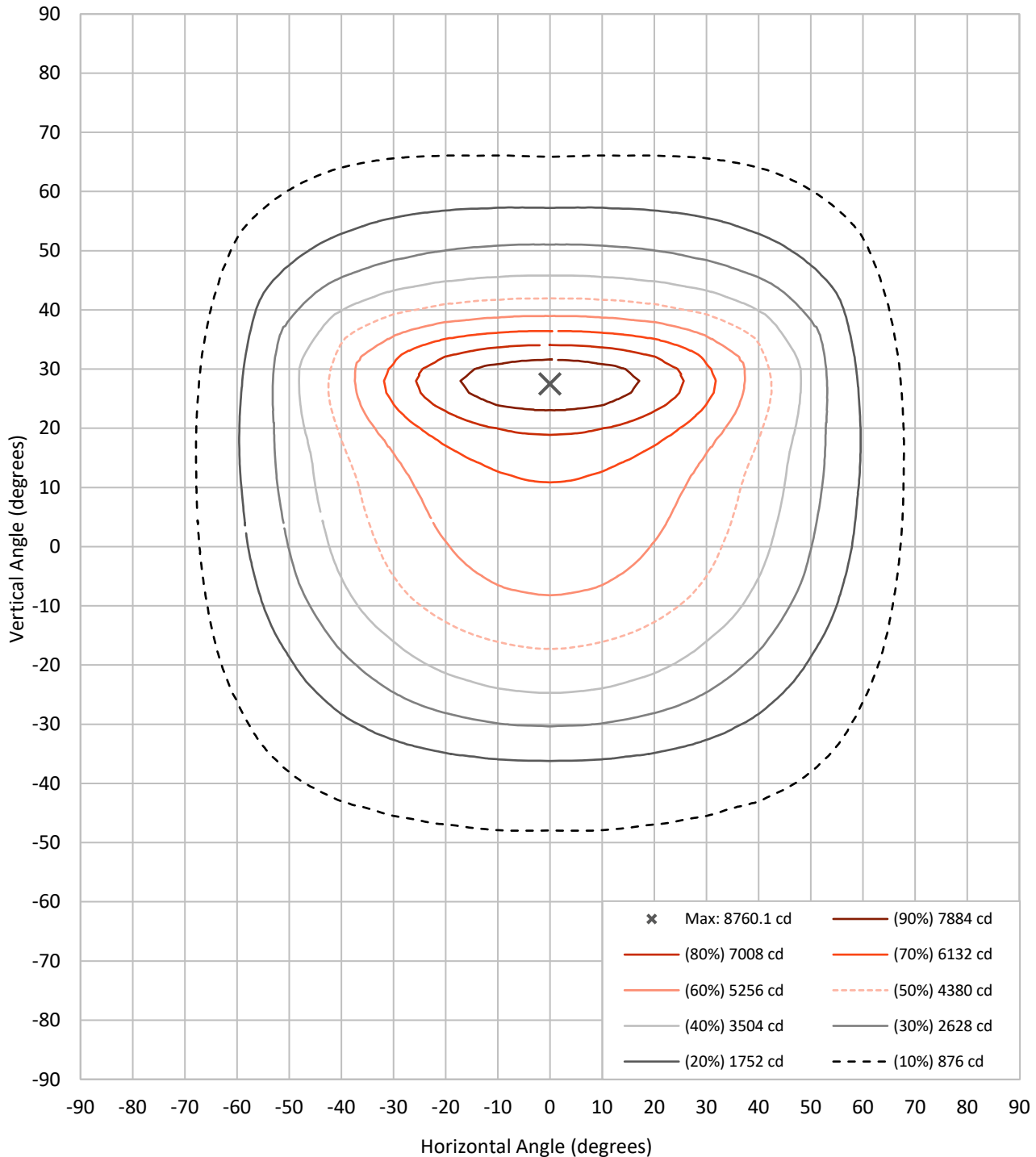
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12770.7 lumens	Max Intensity:	8760.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	80.8 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:	6623.5 lumens	Field Lumens:	11814 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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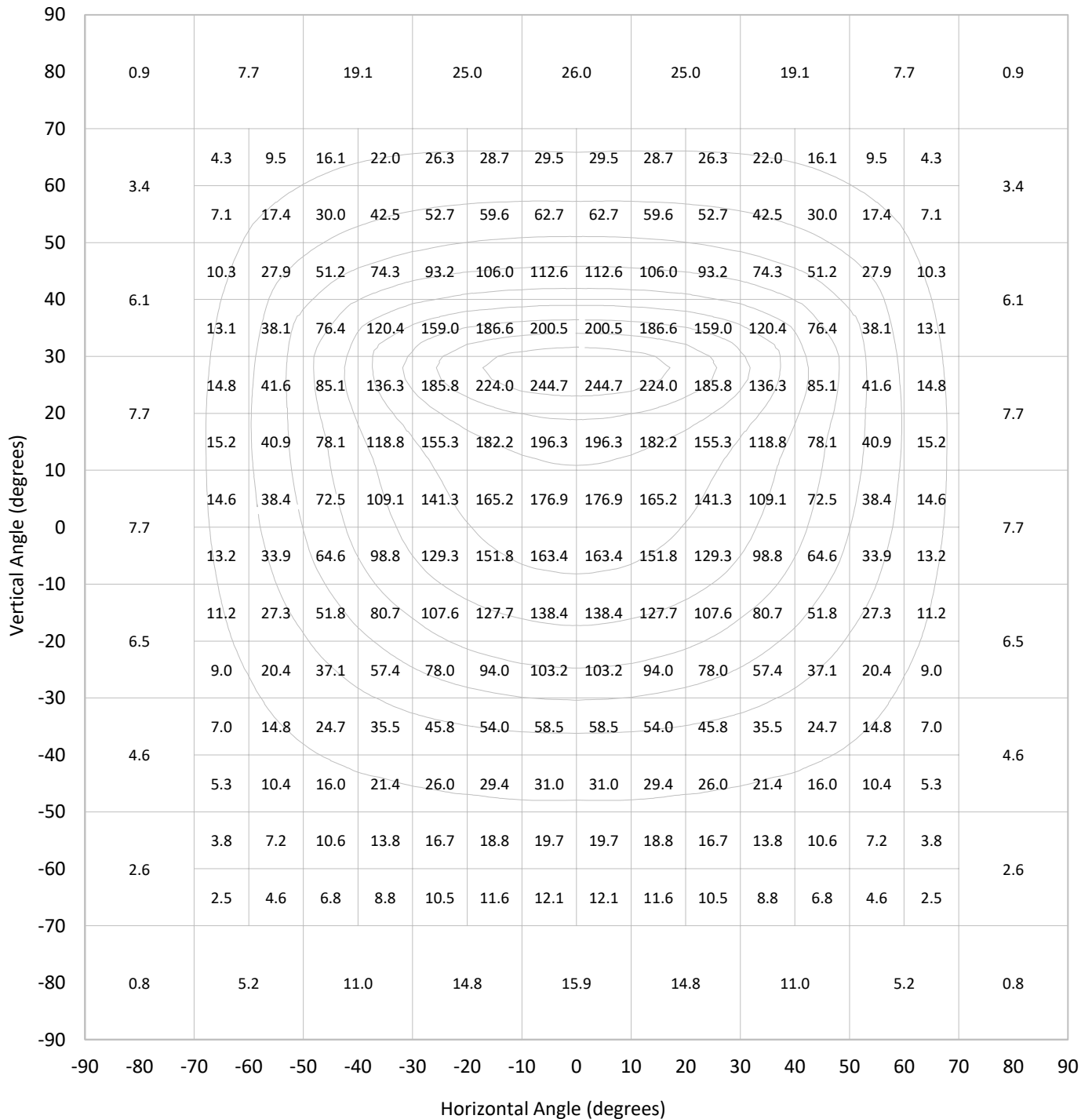
### Iso-Candela Plot





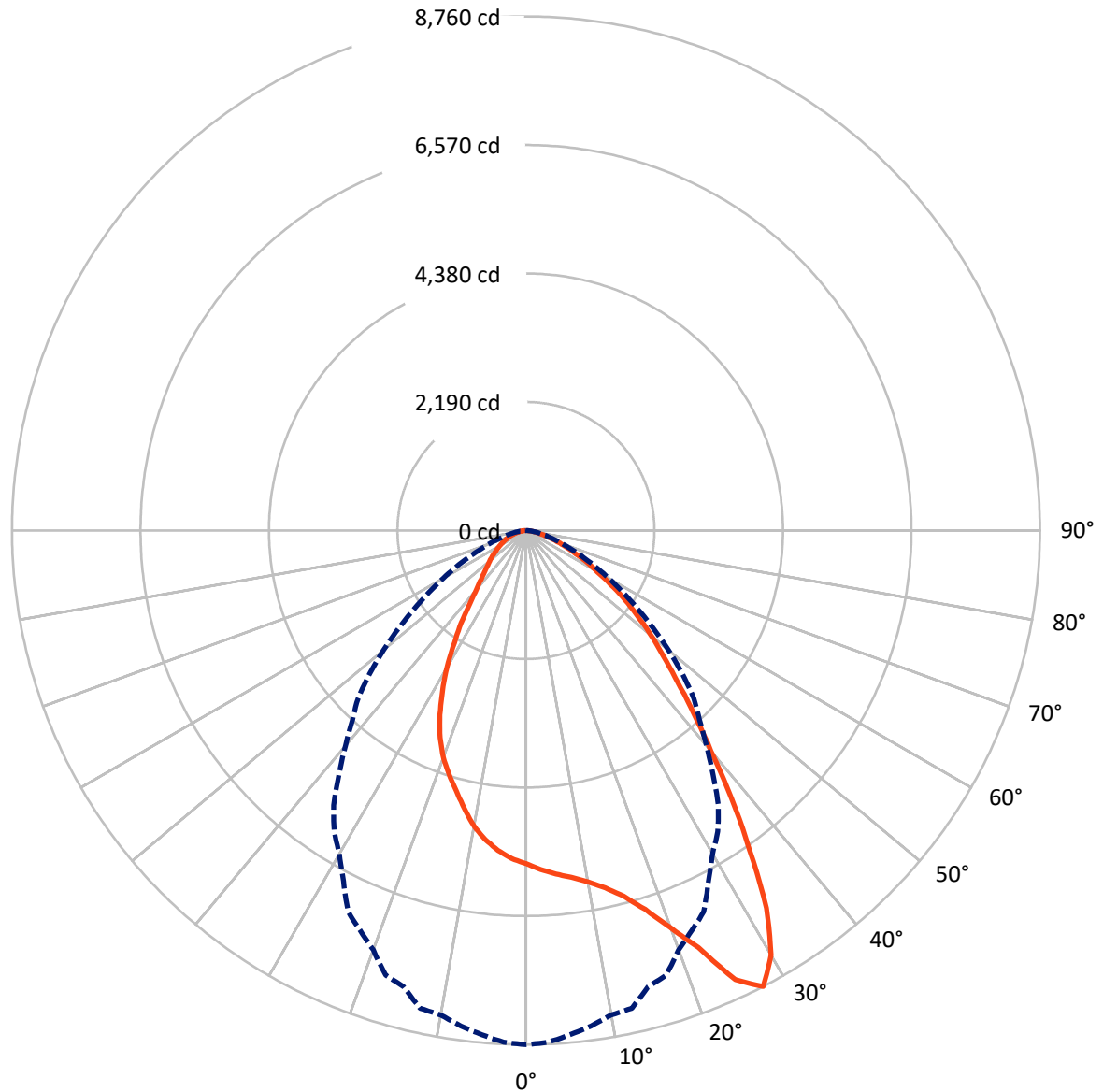
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 CATALOG NUMBER: GFLD-SA3D-927-U-WAF-XX

### Lumen Table



REPORT NUMBER: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
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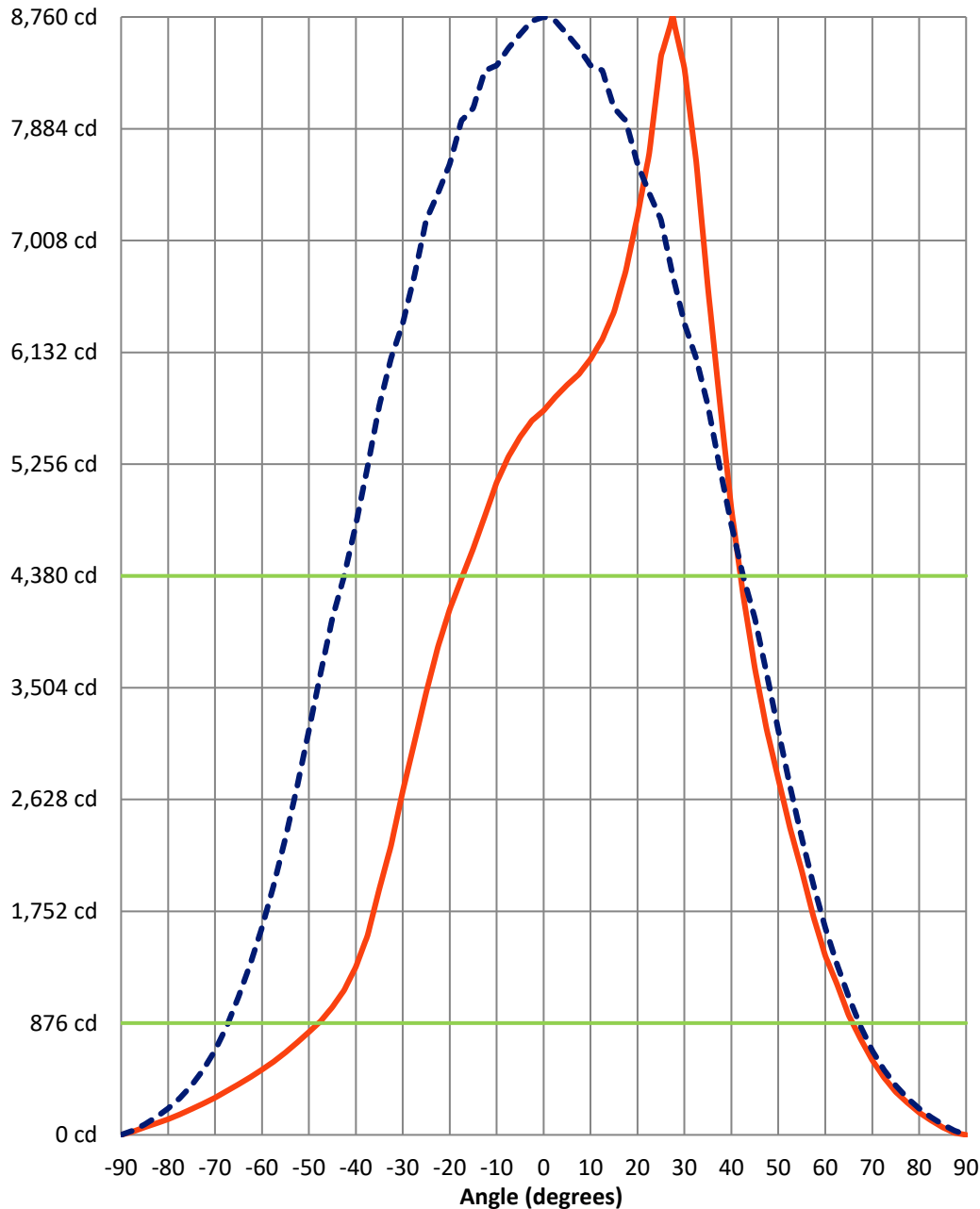
### Luminous Intensity Polar Plot



— 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: 6623.5  
 Efficiency: 51.9%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 11814  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 956.7  
 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	1.7	3.4	5.1	6.7	8.2	9.8	11.2	12.7	14.1	15.4
85°	0.0	3.3	6.8	10.1	13.3	16.5	19.5	22.5	25.3	28.1	30.7
82.5°	0.0	5.0	10.2	15.1	20.0	24.6	29.2	33.6	38.7	47.2	56.0
80°	0.0	6.7	13.6	20.1	26.6	32.8	39.7	50.8	62.4	74.4	86.9
77.5°	0.0	8.3	16.9	25.1	33.1	42.8	56.5	70.8	85.8	101.4	119.5
75°	0.0	9.9	20.2	30.0	40.3	56.1	73.0	90.6	109.5	133.5	158.0
72.5°	0.0	11.5	23.4	34.9	50.5	69.3	89.2	111.6	138.9	167.1	195.8
70°	0.0	13.1	26.7	40.2	60.5	82.2	105.8	136.4	167.8	200.2	238.0
67.5°	0.0	14.7	29.8	47.3	70.3	94.8	126.0	160.7	196.2	238.2	280.6
65°	0.0	16.2	32.9	54.3	79.9	108.8	145.6	184.5	229.1	275.5	324.7
62.5°	0.0	17.7	35.9	61.1	89.2	124.0	164.6	211.0	261.1	313.1	373.2
60°	0.0	19.1	38.9	67.7	98.2	138.8	182.9	238.1	292.4	354.6	420.1
57.5°	0.0	20.6	43.0	74.1	109.1	152.9	203.6	264.2	326.3	394.6	473.8
55°	0.0	21.9	47.1	80.3	119.6	166.5	223.7	288.4	359.9	435.0	528.7
52.5°	0.0	23.3	51.0	86.3	129.7	179.7	242.7	314.2	391.9	480.3	580.5
50°	0.0	24.6	54.8	92.0	139.2	194.3	260.7	338.6	424.3	522.8	642.4
47.5°	0.0	25.8	58.4	97.8	148.3	208.0	277.7	361.4	458.8	562.4	701.4
45°	0.0	27.0	61.9	104.1	156.9	220.8	295.5	382.4	488.9	610.3	755.7
42.5°	0.0	28.1	65.3	110.2	164.8	232.7	312.0	404.5	516.5	654.4	816.9
40°	0.0	29.2	68.4	115.9	172.9	243.5	326.9	426.5	544.4	694.1	874.2
37.5°	0.0	30.2	71.4	121.3	181.1	253.4	340.5	446.6	574.4	730.4	925.5
35°	0.0	31.2	74.2	126.4	188.4	263.3	352.5	464.6	600.9	769.0	973.8
32.5°	0.0	32.1	76.9	131.1	195.1	272.6	364.1	480.5	623.8	802.0	1016.9
30°	0.0	32.9	79.3	135.4	201.1	280.7	376.5	495.3	643.1	829.5	1052.7
27.5°	0.0	33.7	81.6	139.4	206.7	287.7	387.2	510.6	661.0	851.4	1081.1
25°	0.0	34.4	83.7	143.0	211.7	293.6	396.3	523.2	678.5	871.6	1102.4
22.5°	0.0	35.1	85.5	146.2	216.0	298.7	403.7	532.9	691.6	887.9	1120.6
20°	0.0	35.7	87.2	149.0	219.6	303.8	409.4	539.9	700.6	898.4	1132.4
17.5°	0.0	36.2	88.6	151.5	222.5	308.0	414.6	544.4	705.5	903.4	1137.8
15°	0.0	36.6	89.9	153.5	224.7	311.3	418.8	547.4	706.5	903.1	1137.0
12.5°	0.0	37.0	90.9	155.2	226.3	313.7	421.3	549.7	706.5	897.7	1130.3
10°	0.0	37.2	91.8	156.4	227.2	315.3	422.3	549.8	705.3	895.0	1120.0
7.5°	0.0	37.5	92.4	157.3	227.5	315.9	421.9	547.9	701.1	889.3	1108.6
5°	0.0	37.6	92.8	157.8	227.3	315.7	420.0	544.1	694.1	879.9	1091.6
2.5°	0.0	37.7	93.0	158.0	226.4	314.6	416.8	538.4	684.5	866.8	1069.5
0°	0.0	37.7	93.0	157.7	225.0	312.6	412.3	530.9	672.4	850.3	1043.0
-2.5°	0.0	37.8	92.8	157.0	223.9	309.6	407.6	523.1	660.5	832.0	1016.3
-5°	0.0	37.7	92.3	155.9	222.3	305.9	401.7	513.7	646.5	810.7	986.1
-7.5°	0.0	37.6	91.7	154.5	220.2	301.4	394.8	503.0	630.6	786.9	952.8
-10°	0.0	37.5	90.9	152.7	217.6	296.2	386.9	490.9	613.0	760.7	917.0
-12.5°	0.0	37.2	89.9	150.6	214.5	290.4	378.0	477.7	593.7	732.7	881.8
-15°	0.0	36.9	88.6	148.1	210.9	283.9	368.2	463.3	573.9	705.3	845.9
-17.5°	0.0	36.5	87.2	145.3	206.9	277.0	357.6	449.0	554.2	676.3	808.2
-20°	0.0	36.1	85.7	142.3	202.3	269.5	346.5	434.5	533.4	646.0	768.9



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 CATALOG NUMBER: GFLD-SA3D-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	35.6	83.9	138.9	197.4	261.6	335.5	418.9	511.7	614.7	728.4
-25°	0.0	35.0	82.0	135.2	192.0	253.7	323.8	402.5	489.2	582.5	686.9
-27.5°	0.0	34.3	79.9	131.3	186.1	245.5	311.5	385.1	466.0	551.4	647.6
-30°	0.0	33.5	77.7	127.1	179.9	236.8	298.6	366.9	443.7	523.0	608.4
-32.5°	0.0	32.7	75.3	122.7	173.4	227.5	285.2	350.0	421.4	494.5	569.3
-35°	0.0	31.8	72.8	118.0	166.7	217.8	272.7	333.3	398.5	466.0	530.7
-37.5°	0.0	30.9	70.2	113.1	159.6	208.0	260.4	316.2	375.0	437.6	498.8
-40°	0.0	29.9	67.4	108.0	152.1	198.6	247.6	298.9	350.9	410.0	468.5
-42.5°	0.0	28.8	64.5	102.6	144.8	188.9	234.3	281.3	329.3	383.2	437.7
-45°	0.0	27.7	61.5	97.2	137.4	178.9	220.7	264.3	308.9	356.5	406.7
-47.5°	0.0	26.5	58.3	91.5	129.8	168.6	206.7	248.0	288.6	329.7	377.1
-50°	0.0	25.2	55.1	86.4	122.0	158.1	193.9	231.3	268.5	307.2	347.6
-52.5°	0.0	23.9	51.8	81.4	113.9	147.3	181.1	214.4	249.1	284.3	318.7
-55°	0.0	22.6	48.3	76.2	105.6	136.9	168.1	197.5	229.7	261.0	293.1
-57.5°	0.0	21.2	44.8	70.9	97.1	126.3	154.9	182.4	210.0	238.7	267.1
-60°	0.0	19.7	41.2	65.5	88.4	115.5	141.6	167.1	190.6	216.6	241.5
-62.5°	0.0	18.2	38.1	59.9	81.1	104.5	128.6	151.6	173.2	194.2	217.1
-65°	0.0	16.7	35.0	54.3	73.6	93.3	115.3	136.0	155.5	174.0	192.4
-67.5°	0.0	15.1	31.7	48.5	66.0	83.0	101.9	120.6	137.6	154.3	169.9
-70°	0.0	13.5	28.4	42.6	58.3	73.4	88.3	105.1	120.5	134.4	148.2
-72.5°	0.0	11.9	25.0	37.3	50.5	63.8	76.6	89.6	103.3	115.7	126.8
-75°	0.0	10.3	21.5	32.1	42.6	54.1	65.1	75.8	86.1	97.1	107.0
-77.5°	0.0	8.6	18.0	26.9	35.4	44.2	53.5	62.5	71.1	79.1	87.1
-80°	0.0	6.9	14.5	21.5	28.4	35.1	41.8	49.3	56.3	62.9	69.1
-82.5°	0.0	5.2	10.9	16.2	21.4	26.4	31.3	36.4	41.4	46.6	51.5
-85°	0.0	3.5	7.3	10.8	14.3	17.6	20.9	24.3	27.6	30.9	34.1
-87.5°	0.0	1.7	3.6	5.4	7.1	8.8	10.5	12.1	13.8	15.5	17.1
-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: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	16.2	16.9	17.4	17.8	18.5	19.1	19.6	20.0	20.4	20.6	20.8
85°	32.4	33.7	37.7	41.5	45.5	49.1	52.3	55.1	57.4	59.2	60.7
82.5°	63.2	70.0	76.4	82.4	87.9	92.8	97.6	103.0	107.4	111.0	114.0
80°	97.0	106.2	117.4	127.9	137.4	146.1	154.0	161.1	166.6	172.2	177.6
77.5°	136.3	151.2	165.1	178.0	190.4	204.8	218.2	230.5	239.9	247.1	252.6
75°	178.6	196.3	216.6	236.6	255.5	272.9	289.7	310.2	327.0	339.6	349.7
72.5°	223.7	249.2	274.0	298.0	325.7	352.6	378.8	404.1	426.2	442.5	455.7
70°	272.5	302.1	336.3	371.0	404.3	438.1	474.1	506.9	534.0	553.2	571.5
67.5°	322.4	363.9	404.4	446.1	493.3	536.3	575.6	617.1	653.6	677.7	698.8
65°	379.8	426.2	480.4	535.6	587.4	641.1	690.8	735.8	782.0	815.5	843.1
62.5°	435.3	500.6	564.5	629.1	694.2	752.6	817.5	875.4	921.8	969.9	1011.0
60°	501.1	578.8	657.1	735.0	807.9	889.9	961.1	1028.4	1090.5	1144.0	1194.6
57.5°	566.9	667.1	759.7	851.2	947.6	1035.4	1119.0	1194.4	1268.6	1330.5	1391.2
55°	636.0	765.0	871.9	985.0	1091.0	1190.1	1284.1	1378.5	1457.6	1542.9	1617.1
52.5°	712.7	860.1	998.3	1122.7	1242.2	1356.5	1468.9	1582.6	1693.6	1782.1	1866.0
50°	784.4	960.2	1126.3	1268.3	1405.7	1541.4	1681.9	1824.0	1946.3	2047.5	2134.9
47.5°	863.4	1053.1	1264.2	1421.2	1586.1	1754.3	1924.9	2081.8	2215.1	2352.8	2449.2
45°	940.4	1147.2	1376.2	1594.1	1784.8	1988.5	2176.5	2349.5	2542.7	2693.0	2821.9
42.5°	1010.6	1236.3	1491.2	1768.5	2007.0	2225.6	2429.0	2672.5	2894.5	3070.2	3231.0
40°	1082.9	1317.3	1595.7	1930.5	2228.6	2461.9	2709.5	2978.6	3267.4	3483.6	3675.9
37.5°	1149.0	1400.3	1691.4	2054.2	2446.7	2703.2	2977.0	3269.0	3598.3	3923.5	4154.6
35°	1207.4	1470.5	1786.3	2154.7	2556.7	2937.1	3226.7	3537.6	3898.0	4320.0	4635.6
32.5°	1260.5	1527.8	1861.5	2233.2	2640.9	3087.0	3454.4	3773.6	4135.2	4570.6	5106.5
30°	1303.7	1583.3	1917.6	2289.9	2698.8	3143.1	3609.7	3957.5	4300.6	4727.9	5226.7
27.5°	1336.5	1624.0	1956.2	2325.3	2729.8	3169.1	3617.9	4047.0	4379.2	4781.3	5234.8
25°	1361.6	1657.4	1976.7	2338.4	2734.3	3157.7	3589.5	3995.6	4368.5	4723.0	5130.0
22.5°	1382.5	1680.4	1999.1	2329.5	2713.7	3117.0	3523.2	3910.3	4271.3	4603.1	4953.2
20°	1398.1	1695.1	2010.4	2338.2	2679.1	3051.0	3439.4	3807.9	4156.5	4477.9	4762.8
17.5°	1405.2	1699.4	2010.4	2336.6	2673.3	2998.6	3336.8	3690.9	4033.7	4352.9	4634.4
15°	1403.9	1693.7	1999.3	2324.2	2655.7	2978.0	3289.6	3581.7	3900.9	4223.7	4504.1
12.5°	1394.6	1678.4	1977.6	2300.9	2627.3	2945.7	3251.6	3545.0	3831.2	4101.5	4369.6
10°	1377.7	1653.9	1945.6	2267.0	2587.9	2901.6	3203.6	3498.0	3781.2	4046.5	4296.2
7.5°	1360.3	1626.5	1907.2	2222.5	2537.7	2845.9	3145.2	3440.0	3717.7	3982.5	4234.7
5°	1337.4	1597.4	1877.8	2179.9	2483.7	2784.4	3077.3	3370.7	3641.0	3908.2	4161.4
2.5°	1308.2	1561.3	1840.9	2128.3	2423.3	2720.8	3003.9	3291.8	3569.0	3825.8	4075.2
0°	1273.4	1518.6	1796.2	2067.1	2352.7	2646.5	2918.7	3200.3	3488.7	3731.2	3975.1
-2.5°	1235.5	1467.4	1731.1	2000.6	2276.7	2564.8	2843.9	3110.9	3392.9	3638.0	3887.1
-5°	1192.9	1410.9	1659.2	1925.7	2191.8	2472.6	2756.9	3010.7	3280.1	3522.6	3767.5
-7.5°	1146.4	1349.9	1581.4	1841.5	2095.0	2359.9	2629.1	2873.3	3135.2	3375.0	3613.6
-10°	1097.4	1289.7	1505.8	1746.4	1985.3	2232.2	2485.1	2724.3	2976.1	3214.9	3444.5
-12.5°	1050.4	1230.3	1427.9	1646.6	1869.6	2097.8	2333.0	2563.8	2802.7	3042.6	3257.3
-15°	1001.1	1168.0	1347.4	1543.4	1748.8	1957.6	2173.6	2392.1	2616.3	2851.0	3049.3
-17.5°	950.2	1103.2	1265.3	1438.0	1623.8	1812.8	2011.4	2222.3	2427.5	2641.3	2833.1
-20°	898.0	1036.5	1182.5	1331.2	1496.3	1677.6	1863.4	2052.6	2239.1	2425.3	2605.4



REPORT NUMBER: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	845.2	968.4	1101.2	1232.1	1389.1	1552.8	1715.8	1880.1	2047.3	2207.7	2378.0
-25°	794.1	905.1	1022.4	1149.7	1284.4	1428.7	1568.8	1707.6	1856.0	2006.3	2152.9
-27.5°	744.9	842.8	953.6	1067.1	1179.3	1307.8	1430.4	1548.0	1677.5	1810.1	1928.5
-30°	695.5	788.5	885.6	986.3	1085.0	1192.2	1298.2	1401.5	1506.9	1620.5	1723.1
-32.5°	649.8	734.6	823.0	911.3	995.1	1078.2	1176.2	1267.9	1354.2	1435.1	1524.7
-35°	608.0	685.8	762.5	838.7	907.7	980.8	1062.7	1140.0	1209.2	1274.2	1342.7
-37.5°	568.5	637.8	702.4	770.5	831.9	894.5	954.7	1021.6	1077.8	1129.7	1185.9
-40°	529.0	590.9	649.1	705.9	762.2	814.5	865.9	911.4	956.7	1006.5	1045.2
-42.5°	490.0	547.6	599.6	643.2	696.3	741.4	781.3	819.0	856.0	894.9	925.8
-45°	455.6	504.6	552.2	593.9	633.7	672.1	706.0	735.6	770.6	797.6	821.0
-47.5°	420.9	463.4	506.8	545.4	578.7	609.9	635.1	664.8	693.5	716.7	730.3
-50°	386.8	425.6	462.4	498.4	528.5	553.6	575.3	599.8	623.6	643.3	656.3
-52.5°	355.4	387.7	421.8	452.4	480.3	502.7	523.5	544.7	562.2	575.7	592.8
-55°	324.3	354.2	382.6	410.1	433.8	454.4	474.8	493.6	508.6	520.3	534.3
-57.5°	295.1	322.1	346.9	369.9	391.2	408.9	428.7	444.9	458.8	469.7	484.2
-60°	266.7	290.8	313.4	333.4	351.0	368.4	384.5	399.3	411.5	422.3	435.6
-62.5°	238.4	260.2	280.5	299.0	314.9	329.3	343.9	356.5	366.7	377.9	388.9
-65°	211.9	230.3	248.1	264.9	279.9	293.7	305.7	315.9	325.4	335.4	344.3
-67.5°	185.5	202.6	217.6	230.9	244.8	258.1	269.2	278.7	286.6	294.8	302.2
-70°	161.9	175.5	189.1	201.2	211.7	222.8	233.6	242.5	249.6	256.0	262.1
-72.5°	138.6	150.7	162.0	172.4	182.0	190.9	199.3	207.4	214.0	219.0	223.4
-75°	116.6	126.0	135.7	144.8	152.6	159.5	166.0	172.5	177.8	182.1	185.6
-77.5°	95.4	103.3	110.8	117.8	123.4	128.9	133.9	138.6	142.7	146.0	148.3
-80°	74.9	80.6	86.7	92.4	96.8	100.5	103.7	106.4	109.5	112.6	115.4
-82.5°	55.8	59.9	63.9	67.8	70.8	73.4	75.6	77.8	80.0	82.0	83.8
-85°	36.7	39.0	41.5	43.8	46.2	48.2	50.0	51.5	52.7	53.7	54.6
-87.5°	18.3	19.5	20.6	21.6	22.7	23.8	24.8	25.7	26.3	26.9	27.3
-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: P558818 (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°
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°	21.0	21.0	21.0	20.9	20.8	19.9	19.0	18.0	16.9	17.4	17.9
85°	61.8	62.0	61.8	61.2	60.2	60.1	59.9	59.6	59.0	59.9	60.7
82.5°	116.3	117.1	117.2	116.7	115.5	116.0	116.3	116.0	115.3	116.1	116.7
80°	181.7	183.4	183.5	182.3	179.8	180.2	180.3	179.8	178.6	178.9	178.8
77.5°	258.9	262.9	264.3	263.7	261.2	260.5	258.7	255.1	250.0	249.9	250.0
75°	357.3	361.4	363.5	363.3	360.9	359.3	357.1	353.0	347.3	347.0	347.1
72.5°	465.8	471.8	474.5	477.0	477.0	476.1	473.2	467.1	458.2	457.1	458.2
70°	585.8	595.9	602.3	607.2	611.1	611.9	610.0	605.1	597.3	595.3	594.6
67.5°	719.3	735.5	747.7	755.8	763.5	769.0	771.1	768.9	762.6	760.5	761.3
65°	869.0	893.9	914.5	929.9	940.2	947.5	953.9	957.7	958.6	960.8	963.8
62.5°	1043.9	1074.5	1103.1	1122.6	1132.6	1139.7	1160.2	1172.1	1175.5	1176.2	1180.8
60°	1239.2	1277.9	1313.6	1342.2	1365.4	1382.9	1400.4	1412.0	1416.3	1417.2	1423.4
57.5°	1452.8	1501.3	1543.1	1587.5	1618.4	1636.3	1659.7	1683.8	1696.4	1700.0	1714.8
55°	1689.0	1755.3	1809.4	1856.9	1900.1	1938.1	1970.2	1995.1	2013.4	2024.5	2044.1
52.5°	1950.3	2028.2	2084.8	2140.5	2202.5	2246.1	2274.7	2320.6	2353.8	2372.1	2395.5
50°	2237.2	2323.9	2401.0	2459.4	2531.5	2591.2	2634.7	2678.2	2708.6	2726.0	2748.6
47.5°	2563.7	2670.5	2760.0	2814.2	2897.8	2968.2	2996.5	3029.3	3086.6	3114.1	3138.3
45°	2931.3	3067.6	3167.1	3251.8	3323.7	3402.6	3454.2	3491.5	3547.9	3576.3	3594.1
42.5°	3368.8	3520.3	3651.4	3753.1	3813.6	3915.9	3990.5	4011.5	4091.4	4145.6	4161.6
40°	3859.4	4027.4	4200.3	4316.2	4413.6	4517.5	4640.5	4709.1	4776.7	4829.8	4841.8
37.5°	4370.6	4595.5	4792.8	4942.6	5103.5	5256.7	5387.2	5458.3	5502.6	5604.3	5642.3
35°	4890.3	5122.4	5398.9	5631.5	5826.6	6015.7	6164.5	6281.7	6393.3	6484.8	6539.6
32.5°	5332.9	5582.7	5924.0	6272.3	6482.9	6687.8	6932.2	7066.3	7215.1	7335.7	7423.8
30°	5696.6	5934.1	6244.8	6681.9	6970.3	7177.9	7487.2	7672.6	7834.8	8039.2	8110.3
27.5°	5713.8	6085.0	6359.7	6736.2	7169.0	7379.7	7608.7	7945.6	8047.8	8339.3	8381.3
25°	5563.9	5953.5	6235.9	6550.1	6909.9	7166.3	7375.4	7655.6	7802.2	7989.7	8133.7
22.5°	5329.2	5672.7	5960.7	6227.2	6508.0	6741.4	6932.5	7129.5	7290.5	7435.9	7571.0
20°	5070.2	5396.2	5669.4	5898.5	6121.0	6337.4	6509.3	6674.8	6814.0	6938.8	7015.7
17.5°	4887.7	5122.3	5401.4	5636.2	5829.1	5998.9	6176.7	6315.2	6437.3	6549.7	6619.9
15°	4763.2	4986.2	5184.9	5400.4	5603.7	5765.6	5899.4	6042.3	6147.9	6244.6	6320.7
12.5°	4633.9	4863.7	5071.6	5251.1	5410.2	5587.1	5730.2	5842.5	5953.3	6029.2	6107.4
10°	4525.9	4740.9	4956.6	5146.1	5313.5	5459.3	5594.7	5720.7	5820.1	5905.3	5966.9
7.5°	4463.2	4674.1	4867.9	5049.7	5212.9	5368.2	5508.0	5623.5	5722.0	5810.1	5874.7
5°	4390.5	4599.2	4792.8	4978.6	5135.3	5284.5	5423.7	5542.5	5644.5	5723.0	5784.8
2.5°	4307.2	4513.1	4706.1	4895.0	5051.7	5195.6	5327.3	5443.2	5549.4	5624.3	5676.9
0°	4212.3	4418.4	4607.1	4784.9	4942.6	5097.6	5218.8	5336.1	5439.8	5513.9	5566.5
-2.5°	4116.5	4321.4	4516.7	4687.1	4843.6	4986.6	5115.8	5226.4	5325.6	5399.4	5445.5
-5°	3989.2	4192.9	4385.6	4557.3	4720.8	4864.4	4989.9	5102.5	5198.0	5278.4	5341.0
-7.5°	3835.1	4041.0	4233.5	4408.9	4571.5	4707.3	4827.8	4941.2	5043.1	5131.1	5208.0
-10°	3665.6	3869.3	4051.2	4215.4	4367.0	4505.0	4633.2	4745.3	4838.7	4924.8	4989.6
-12.5°	3468.3	3656.8	3834.8	3996.6	4144.8	4283.0	4404.9	4511.7	4605.7	4682.0	4740.4
-15°	3250.5	3429.5	3598.0	3763.5	3918.6	4054.7	4162.0	4274.5	4355.9	4430.0	4482.6
-17.5°	3017.5	3190.5	3367.8	3533.7	3676.9	3811.2	3929.2	4032.0	4117.5	4185.4	4244.8
-20°	2781.4	2957.6	3128.2	3286.3	3424.0	3548.5	3668.0	3766.8	3854.4	3928.2	3997.9



REPORT NUMBER: P558818 (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°	2544.2	2705.8	2865.9	3020.6	3150.9	3268.6	3373.2	3467.7	3545.0	3632.1	3693.5
-25°	2300.5	2442.2	2586.8	2723.4	2846.6	2962.3	3057.1	3139.9	3220.5	3304.6	3364.6
-27.5°	2055.7	2181.0	2298.5	2419.3	2527.2	2627.4	2715.4	2787.9	2866.2	2922.3	2988.2
-30°	1813.6	1927.2	2025.2	2109.4	2210.8	2296.8	2365.3	2437.3	2501.9	2555.5	2611.1
-32.5°	1608.6	1686.3	1764.5	1834.9	1902.4	1973.0	2028.2	2091.1	2135.4	2181.6	2226.5
-35°	1411.6	1471.4	1523.4	1589.1	1639.7	1678.2	1724.3	1770.4	1788.1	1838.4	1865.1
-37.5°	1233.2	1272.5	1320.9	1366.8	1404.3	1433.0	1474.0	1498.2	1510.9	1543.4	1560.8
-40°	1080.5	1105.3	1150.5	1181.8	1204.4	1225.3	1259.3	1275.0	1292.4	1308.5	1309.0
-42.5°	946.1	978.1	1008.7	1033.3	1047.6	1071.4	1087.4	1089.2	1111.7	1126.0	1128.2
-45°	836.3	868.7	893.0	911.1	925.3	945.8	956.1	961.9	980.2	990.0	994.2
-47.5°	751.8	774.5	795.5	809.5	828.2	843.3	850.9	860.6	874.6	883.6	890.0
-50°	677.6	695.6	711.6	724.3	743.0	756.5	763.7	775.6	786.1	792.6	797.6
-52.5°	612.4	628.4	639.5	651.9	667.3	679.3	688.5	700.3	709.0	714.7	719.2
-55°	551.3	566.3	577.2	590.7	601.7	609.7	617.6	629.1	637.7	643.5	647.3
-57.5°	497.4	508.7	519.3	531.6	542.1	550.8	557.8	564.2	569.8	574.6	578.3
-60°	446.9	456.1	465.8	475.4	483.4	489.6	497.2	502.9	506.6	508.8	511.9
-62.5°	398.3	406.6	415.2	423.0	429.3	434.6	440.7	445.4	448.8	451.2	453.0
-65°	352.2	359.3	366.6	373.1	378.6	383.1	387.4	390.7	393.1	395.1	396.7
-67.5°	309.1	314.7	319.8	324.2	328.3	332.2	336.0	338.6	339.9	341.6	343.2
-70°	267.4	271.9	275.3	278.0	280.4	283.4	287.0	289.6	291.0	292.6	294.1
-72.5°	227.1	230.4	233.1	235.4	236.7	238.7	241.2	243.2	244.8	246.0	246.6
-75°	188.3	191.0	193.4	195.1	196.2	197.6	198.8	199.5	199.6	200.2	200.6
-77.5°	150.4	153.0	155.3	157.0	158.0	159.1	160.0	160.6	160.7	160.7	160.4
-80°	117.4	119.2	120.7	121.9	122.6	123.4	123.9	124.0	123.7	124.0	124.1
-82.5°	85.3	86.9	88.2	89.2	89.9	90.7	91.4	91.9	92.1	92.2	92.1
-85°	55.2	56.0	56.7	57.3	57.9	58.3	58.4	58.5	58.3	58.4	58.3
-87.5°	27.6	27.3	26.9	26.3	25.7	25.8	25.9	26.0	26.0	26.3	26.5
-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: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	18.4	18.8	17.5	16.2	17.5	18.8	18.4	17.9	17.4	16.9	18.0
85°	61.3	61.7	60.6	59.3	60.6	61.7	61.3	60.7	59.9	59.0	59.6
82.5°	116.8	116.6	115.7	114.5	115.7	116.6	116.8	116.7	116.1	115.3	116.0
80°	178.2	177.0	176.3	175.2	176.3	177.0	178.2	178.8	178.9	178.6	179.8
77.5°	249.4	248.1	250.3	252.0	250.3	248.1	249.4	250.0	249.9	250.0	255.1
75°	345.8	343.1	340.6	336.9	340.6	343.1	345.8	347.1	347.0	347.3	353.0
72.5°	457.7	455.5	453.5	450.1	453.5	455.5	457.7	458.2	457.1	458.2	467.1
70°	591.1	584.8	585.8	586.2	585.8	584.8	591.1	594.6	595.3	597.3	605.1
67.5°	758.9	753.2	753.9	753.2	753.9	753.2	758.9	761.3	760.5	762.6	768.9
65°	962.1	955.7	947.9	936.5	947.9	955.7	962.1	963.8	960.8	958.6	957.7
62.5°	1180.2	1174.5	1177.8	1180.4	1177.8	1174.5	1180.2	1180.8	1176.2	1175.5	1172.1
60°	1422.4	1414.5	1410.5	1404.1	1410.5	1414.5	1422.4	1423.4	1417.2	1416.3	1412.0
57.5°	1721.6	1720.1	1716.6	1707.3	1716.6	1720.1	1721.6	1714.8	1700.0	1696.4	1683.8
55°	2053.3	2051.4	2059.1	2068.4	2059.1	2051.4	2053.3	2044.1	2024.5	2013.4	1995.1
52.5°	2412.7	2418.8	2416.6	2403.9	2416.6	2418.8	2412.7	2395.5	2372.1	2353.8	2320.6
50°	2768.5	2775.3	2782.6	2789.3	2782.6	2775.3	2768.5	2748.6	2726.0	2708.6	2678.2
47.5°	3171.8	3189.7	3192.9	3180.1	3192.9	3189.7	3171.8	3138.3	3114.1	3086.6	3029.3
45°	3629.9	3640.7	3646.2	3657.1	3646.2	3640.7	3629.9	3594.1	3576.3	3547.9	3491.5
42.5°	4207.5	4220.0	4222.0	4233.8	4222.0	4220.0	4207.5	4161.6	4145.6	4091.4	4011.5
40°	4893.1	4913.4	4909.9	4904.9	4909.9	4913.4	4893.1	4841.8	4829.8	4776.7	4709.1
37.5°	5695.7	5730.2	5733.8	5755.1	5733.8	5730.2	5695.7	5642.3	5604.3	5502.6	5458.3
35°	6596.4	6637.1	6630.0	6640.4	6630.0	6637.1	6596.4	6539.6	6484.8	6393.3	6281.7
32.5°	7505.0	7565.9	7578.2	7629.5	7578.2	7565.9	7505.0	7423.8	7335.7	7215.1	7066.3
30°	8218.8	8304.3	8360.0	8355.8	8360.0	8304.3	8218.8	8110.3	8039.2	7834.8	7672.6
27.5°	8514.5	8625.2	8728.8	8760.1	8728.8	8625.2	8514.5	8381.3	8339.3	8047.8	7945.6
25°	8226.0	8306.9	8398.4	8447.4	8398.4	8306.9	8226.0	8133.7	7989.7	7802.2	7655.6
22.5°	7633.1	7685.8	7717.0	7691.5	7717.0	7685.8	7633.1	7571.0	7435.9	7290.5	7129.5
20°	7095.2	7161.8	7174.2	7201.0	7174.2	7161.8	7095.2	7015.7	6938.8	6814.0	6674.8
17.5°	6694.8	6738.5	6764.0	6769.8	6764.0	6738.5	6694.8	6619.9	6549.7	6437.3	6315.2
15°	6381.1	6416.0	6438.9	6449.1	6438.9	6416.0	6381.1	6320.7	6244.6	6147.9	6042.3
12.5°	6158.7	6201.3	6222.1	6234.8	6222.1	6201.3	6158.7	6107.4	6029.2	5953.3	5842.5
10°	6016.1	6057.2	6073.8	6079.9	6073.8	6057.2	6016.1	5966.9	5905.3	5820.1	5720.7
7.5°	5913.7	5940.1	5951.2	5960.0	5951.2	5940.1	5913.7	5874.7	5810.1	5722.0	5623.5
5°	5831.1	5852.1	5863.9	5876.4	5863.9	5852.1	5831.1	5784.8	5723.0	5644.5	5542.5
2.5°	5718.7	5748.7	5769.5	5782.1	5769.5	5748.7	5718.7	5676.9	5624.3	5549.4	5443.2
0°	5608.3	5636.6	5651.4	5675.6	5651.4	5636.6	5608.3	5566.5	5513.9	5439.8	5336.1
-2.5°	5486.8	5519.6	5558.6	5596.1	5558.6	5519.6	5486.8	5445.5	5399.4	5325.6	5226.4
-5°	5394.0	5437.3	5445.4	5469.5	5445.4	5437.3	5394.0	5341.0	5278.4	5198.0	5102.5
-7.5°	5253.9	5273.6	5307.2	5313.2	5307.2	5273.6	5253.9	5208.0	5131.1	5043.1	4941.2
-10°	5038.0	5070.1	5091.1	5112.4	5091.1	5070.1	5038.0	4989.6	4924.8	4838.7	4745.3
-12.5°	4784.3	4822.0	4855.7	4851.0	4855.7	4822.0	4784.3	4740.4	4682.0	4605.7	4511.7
-15°	4537.2	4573.6	4596.7	4593.6	4596.7	4573.6	4537.2	4482.6	4430.0	4355.9	4274.5
-17.5°	4291.9	4325.1	4358.6	4357.8	4358.6	4325.1	4291.9	4244.8	4185.4	4117.5	4032.0
-20°	4038.6	4067.1	4102.9	4117.9	4102.9	4067.1	4038.6	3997.9	3928.2	3854.4	3766.8



REPORT NUMBER: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	3745.7	3782.1	3808.1	3824.2	3808.1	3782.1	3745.7	3693.5	3632.1	3545.0	3467.7
-25°	3404.3	3441.6	3461.4	3468.4	3461.4	3441.6	3404.3	3364.6	3304.6	3220.5	3139.9
-27.5°	3027.1	3069.0	3089.3	3079.0	3089.3	3069.0	3027.1	2988.2	2922.3	2866.2	2787.9
-30°	2640.3	2667.2	2670.3	2693.6	2670.3	2667.2	2640.3	2611.1	2555.5	2501.9	2437.3
-32.5°	2258.6	2276.7	2266.4	2267.8	2266.4	2276.7	2258.6	2226.5	2181.6	2135.4	2091.1
-35°	1881.8	1896.2	1899.0	1925.6	1899.0	1896.2	1881.8	1865.1	1838.4	1788.1	1770.4
-37.5°	1578.9	1584.6	1575.7	1563.1	1575.7	1584.6	1578.9	1560.8	1543.4	1510.9	1498.2
-40°	1321.9	1326.3	1323.1	1316.5	1323.1	1326.3	1321.9	1309.0	1308.5	1292.4	1275.0
-42.5°	1137.0	1137.0	1134.0	1133.2	1134.0	1137.0	1137.0	1128.2	1126.0	1111.7	1089.2
-45°	1000.5	1001.9	1001.7	1001.2	1001.7	1001.9	1000.5	994.2	990.0	980.2	961.9
-47.5°	894.5	894.8	893.4	890.7	893.4	894.8	894.5	890.0	883.6	874.6	860.6
-50°	800.7	800.7	802.6	805.8	802.6	800.7	800.7	797.6	792.6	786.1	775.6
-52.5°	721.5	721.3	722.3	723.6	722.3	721.3	721.5	719.2	714.7	709.0	700.3
-55°	649.0	648.6	647.6	645.4	647.6	648.6	649.0	647.3	643.5	637.7	629.1
-57.5°	579.7	578.9	577.1	574.0	577.1	578.9	579.7	578.3	574.6	569.8	564.2
-60°	513.6	513.9	513.1	510.7	513.1	513.9	513.6	511.9	508.8	506.6	502.9
-62.5°	453.4	452.5	452.3	451.4	452.3	452.5	453.4	453.0	451.2	448.8	445.4
-65°	397.0	396.1	396.4	396.2	396.4	396.1	397.0	396.7	395.1	393.1	390.7
-67.5°	343.9	343.6	343.9	343.6	343.9	343.6	343.9	343.2	341.6	339.9	338.6
-70°	294.9	295.0	293.5	291.1	293.5	295.0	294.9	294.1	292.6	291.0	289.6
-72.5°	246.4	245.6	245.6	245.2	245.6	245.6	246.4	246.6	246.0	244.8	243.2
-75°	200.5	199.9	201.2	202.1	201.2	199.9	200.5	200.6	200.2	199.6	199.5
-77.5°	159.6	158.4	159.5	160.4	159.5	158.4	159.6	160.4	160.7	160.7	160.6
-80°	123.9	123.5	123.2	122.6	123.2	123.5	123.9	124.1	124.0	123.7	124.0
-82.5°	91.8	91.2	90.9	90.3	90.9	91.2	91.8	92.1	92.2	92.1	91.9
-85°	58.0	57.7	58.5	59.3	58.5	57.7	58.0	58.3	58.4	58.3	58.5
-87.5°	26.7	26.8	26.2	25.6	26.2	26.8	26.7	26.5	26.3	26.0	26.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	19.0	19.9	20.8	20.9	21.0	21.0	21.0	20.8	20.6	20.4	20.0
85°	59.9	60.1	60.2	61.2	61.8	62.0	61.8	60.7	59.2	57.4	55.1
82.5°	116.3	116.0	115.5	116.7	117.2	117.1	116.3	114.0	111.0	107.4	103.0
80°	180.3	180.2	179.8	182.3	183.5	183.4	181.7	177.6	172.2	166.6	161.1
77.5°	258.7	260.5	261.2	263.7	264.3	262.9	258.9	252.6	247.1	239.9	230.5
75°	357.1	359.3	360.9	363.3	363.5	361.4	357.3	349.7	339.6	327.0	310.2
72.5°	473.2	476.1	477.0	477.0	474.5	471.8	465.8	455.7	442.5	426.2	404.1
70°	610.0	611.9	611.1	607.2	602.3	595.9	585.8	571.5	553.2	534.0	506.9
67.5°	771.1	769.0	763.5	755.8	747.7	735.5	719.3	698.8	677.7	653.6	617.1
65°	953.9	947.5	940.2	929.9	914.5	893.9	869.0	843.1	815.5	782.0	735.8
62.5°	1160.2	1139.7	1132.6	1122.6	1103.1	1074.5	1043.9	1011.0	969.9	921.8	875.4
60°	1400.4	1382.9	1365.4	1342.2	1313.6	1277.9	1239.2	1194.6	1144.0	1090.5	1028.4
57.5°	1659.7	1636.3	1618.4	1587.5	1543.1	1501.3	1452.8	1391.2	1330.5	1268.6	1194.4
55°	1970.2	1938.1	1900.1	1856.9	1809.4	1755.3	1689.0	1617.1	1542.9	1457.6	1378.5
52.5°	2274.7	2246.1	2202.5	2140.5	2084.8	2028.2	1950.3	1866.0	1782.1	1693.6	1582.6
50°	2634.7	2591.2	2531.5	2459.4	2401.0	2323.9	2237.2	2134.9	2047.5	1946.3	1824.0
47.5°	2996.5	2968.2	2897.8	2814.2	2760.0	2670.5	2563.7	2449.2	2352.8	2215.1	2081.8
45°	3454.2	3402.6	3323.7	3251.8	3167.1	3067.6	2931.3	2821.9	2693.0	2542.7	2349.5
42.5°	3990.5	3915.9	3813.6	3753.1	3651.4	3520.3	3368.8	3231.0	3070.2	2894.5	2672.5
40°	4640.5	4517.5	4413.6	4316.2	4200.3	4027.4	3859.4	3675.9	3483.6	3267.4	2978.6
37.5°	5387.2	5256.7	5103.5	4942.6	4792.8	4595.5	4370.6	4154.6	3923.5	3598.3	3269.0
35°	6164.5	6015.7	5826.6	5631.5	5398.9	5122.4	4890.3	4635.6	4320.0	3898.0	3537.6
32.5°	6932.2	6687.8	6482.9	6272.3	5924.0	5582.7	5332.9	5106.5	4570.6	4135.2	3773.6
30°	7487.2	7177.9	6970.3	6681.9	6244.8	5934.1	5696.6	5226.7	4727.9	4300.6	3957.5
27.5°	7608.7	7379.7	7169.0	6736.2	6359.7	6085.0	5713.8	5234.8	4781.3	4379.2	4047.0
25°	7375.4	7166.3	6909.9	6550.1	6235.9	5953.5	5563.9	5130.0	4723.0	4368.5	3995.6
22.5°	6932.5	6741.4	6508.0	6227.2	5960.7	5672.7	5329.2	4953.2	4603.1	4271.3	3910.3
20°	6509.3	6337.4	6121.0	5898.5	5669.4	5396.2	5070.2	4762.8	4477.9	4156.5	3807.9
17.5°	6176.7	5998.9	5829.1	5636.2	5401.4	5122.3	4887.7	4634.4	4352.9	4033.7	3690.9
15°	5899.4	5765.6	5603.7	5400.4	5184.9	4986.2	4763.2	4504.1	4223.7	3900.9	3581.7
12.5°	5730.2	5587.1	5410.2	5251.1	5071.6	4863.7	4633.9	4369.6	4101.5	3831.2	3545.0
10°	5594.7	5459.3	5313.5	5146.1	4956.6	4740.9	4525.9	4296.2	4046.5	3781.2	3498.0
7.5°	5508.0	5368.2	5212.9	5049.7	4867.9	4674.1	4463.2	4234.7	3982.5	3717.7	3440.0
5°	5423.7	5284.5	5135.3	4978.6	4792.8	4599.2	4390.5	4161.4	3908.2	3641.0	3370.7
2.5°	5327.3	5195.6	5051.7	4895.0	4706.1	4513.1	4307.2	4075.2	3825.8	3569.0	3291.8
0°	5218.8	5097.6	4942.6	4784.9	4607.1	4418.4	4212.3	3975.1	3731.2	3488.7	3200.3
-2.5°	5115.8	4986.6	4843.6	4687.1	4516.7	4321.4	4116.5	3887.1	3638.0	3392.9	3110.9
-5°	4989.9	4864.4	4720.8	4557.3	4385.6	4192.9	3989.2	3767.5	3522.6	3280.1	3010.7
-7.5°	4827.8	4707.3	4571.5	4408.9	4233.5	4041.0	3835.1	3613.6	3375.0	3135.2	2873.3
-10°	4633.2	4505.0	4367.0	4215.4	4051.2	3869.3	3665.6	3444.5	3214.9	2976.1	2724.3
-12.5°	4404.9	4283.0	4144.8	3996.6	3834.8	3656.8	3468.3	3257.3	3042.6	2802.7	2563.8
-15°	4162.0	4054.7	3918.6	3763.5	3598.0	3429.5	3250.5	3049.3	2851.0	2616.3	2392.1
-17.5°	3929.2	3811.2	3676.9	3533.7	3367.8	3190.5	3017.5	2833.1	2641.3	2427.5	2222.3
-20°	3668.0	3548.5	3424.0	3286.3	3128.2	2957.6	2781.4	2605.4	2425.3	2239.1	2052.6



REPORT NUMBER: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	3373.2	3268.6	3150.9	3020.6	2865.9	2705.8	2544.2	2378.0	2207.7	2047.3	1880.1
-25°	3057.1	2962.3	2846.6	2723.4	2586.8	2442.2	2300.5	2152.9	2006.3	1856.0	1707.6
-27.5°	2715.4	2627.4	2527.2	2419.3	2298.5	2181.0	2055.7	1928.5	1810.1	1677.5	1548.0
-30°	2365.3	2296.8	2210.8	2109.4	2025.2	1927.2	1813.6	1723.1	1620.5	1506.9	1401.5
-32.5°	2028.2	1973.0	1902.4	1834.9	1764.5	1686.3	1608.6	1524.7	1435.1	1354.2	1267.9
-35°	1724.3	1678.2	1639.7	1589.1	1523.4	1471.4	1411.6	1342.7	1274.2	1209.2	1140.0
-37.5°	1474.0	1433.0	1404.3	1366.8	1320.9	1272.5	1233.2	1185.9	1129.7	1077.8	1021.6
-40°	1259.3	1225.3	1204.4	1181.8	1150.5	1105.3	1080.5	1045.2	1006.5	956.7	911.4
-42.5°	1087.4	1071.4	1047.6	1033.3	1008.7	978.1	946.1	925.8	894.9	856.0	819.0
-45°	956.1	945.8	925.3	911.1	893.0	868.7	836.3	821.0	797.6	770.6	735.6
-47.5°	850.9	843.3	828.2	809.5	795.5	774.5	751.8	730.3	716.7	693.5	664.8
-50°	763.7	756.5	743.0	724.3	711.6	695.6	677.6	656.3	643.3	623.6	599.8
-52.5°	688.5	679.3	667.3	651.9	639.5	628.4	612.4	592.8	575.7	562.2	544.7
-55°	617.6	609.7	601.7	590.7	577.2	566.3	551.3	534.3	520.3	508.6	493.6
-57.5°	557.8	550.8	542.1	531.6	519.3	508.7	497.4	484.2	469.7	458.8	444.9
-60°	497.2	489.6	483.4	475.4	465.8	456.1	446.9	435.6	422.3	411.5	399.3
-62.5°	440.7	434.6	429.3	423.0	415.2	406.6	398.3	388.9	377.9	366.7	356.5
-65°	387.4	383.1	378.6	373.1	366.6	359.3	352.2	344.3	335.4	325.4	315.9
-67.5°	336.0	332.2	328.3	324.2	319.8	314.7	309.1	302.2	294.8	286.6	278.7
-70°	287.0	283.4	280.4	278.0	275.3	271.9	267.4	262.1	256.0	249.6	242.5
-72.5°	241.2	238.7	236.7	235.4	233.1	230.4	227.1	223.4	219.0	214.0	207.4
-75°	198.8	197.6	196.2	195.1	193.4	191.0	188.3	185.6	182.1	177.8	172.5
-77.5°	160.0	159.1	158.0	157.0	155.3	153.0	150.4	148.3	146.0	142.7	138.6
-80°	123.9	123.4	122.6	121.9	120.7	119.2	117.4	115.4	112.6	109.5	106.4
-82.5°	91.4	90.7	89.9	89.2	88.2	86.9	85.3	83.8	82.0	80.0	77.8
-85°	58.4	58.3	57.9	57.3	56.7	56.0	55.2	54.6	53.7	52.7	51.5
-87.5°	25.9	25.8	25.7	26.3	26.9	27.3	27.6	27.3	26.9	26.3	25.7
-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: P558818 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	19.6	19.1	18.5	17.8	17.4	16.9	16.2	15.4	14.1	12.7	11.2
85°	52.3	49.1	45.5	41.5	37.7	33.7	32.4	30.7	28.1	25.3	22.5
82.5°	97.6	92.8	87.9	82.4	76.4	70.0	63.2	56.0	47.2	38.7	33.6
80°	154.0	146.1	137.4	127.9	117.4	106.2	97.0	86.9	74.4	62.4	50.8
77.5°	218.2	204.8	190.4	178.0	165.1	151.2	136.3	119.5	101.4	85.8	70.8
75°	289.7	272.9	255.5	236.6	216.6	196.3	178.6	158.0	133.5	109.5	90.6
72.5°	378.8	352.6	325.7	298.0	274.0	249.2	223.7	195.8	167.1	138.9	111.6
70°	474.1	438.1	404.3	371.0	336.3	302.1	272.5	238.0	200.2	167.8	136.4
67.5°	575.6	536.3	493.3	446.1	404.4	363.9	322.4	280.6	238.2	196.2	160.7
65°	690.8	641.1	587.4	535.6	480.4	426.2	379.8	324.7	275.5	229.1	184.5
62.5°	817.5	752.6	694.2	629.1	564.5	500.6	435.3	373.2	313.1	261.1	211.0
60°	961.1	889.9	807.9	735.0	657.1	578.8	501.1	420.1	354.6	292.4	238.1
57.5°	1119.0	1035.4	947.6	851.2	759.7	667.1	566.9	473.8	394.6	326.3	264.2
55°	1284.1	1190.1	1091.0	985.0	871.9	765.0	636.0	528.7	435.0	359.9	288.4
52.5°	1468.9	1356.5	1242.2	1122.7	998.3	860.1	712.7	580.5	480.3	391.9	314.2
50°	1681.9	1541.4	1405.7	1268.3	1126.3	960.2	784.4	642.4	522.8	424.3	338.6
47.5°	1924.9	1754.3	1586.1	1421.2	1264.2	1053.1	863.4	701.4	562.4	458.8	361.4
45°	2176.5	1988.5	1784.8	1594.1	1376.2	1147.2	940.4	755.7	610.3	488.9	382.4
42.5°	2429.0	2225.6	2007.0	1768.5	1491.2	1236.3	1010.6	816.9	654.4	516.5	404.5
40°	2709.5	2461.9	2228.6	1930.5	1595.7	1317.3	1082.9	874.2	694.1	544.4	426.5
37.5°	2977.0	2703.2	2446.7	2054.2	1691.4	1400.3	1149.0	925.5	730.4	574.4	446.6
35°	3226.7	2937.1	2556.7	2154.7	1786.3	1470.5	1207.4	973.8	769.0	600.9	464.6
32.5°	3454.4	3087.0	2640.9	2233.2	1861.5	1527.8	1260.5	1016.9	802.0	623.8	480.5
30°	3609.7	3143.1	2698.8	2289.9	1917.6	1583.3	1303.7	1052.7	829.5	643.1	495.3
27.5°	3617.9	3169.1	2729.8	2325.3	1956.2	1624.0	1336.5	1081.1	851.4	661.0	510.6
25°	3589.5	3157.7	2734.3	2338.4	1976.7	1657.4	1361.6	1102.4	871.6	678.5	523.2
22.5°	3523.2	3117.0	2713.7	2329.5	1999.1	1680.4	1382.5	1120.6	887.9	691.6	532.9
20°	3439.4	3051.0	2679.1	2338.2	2010.4	1695.1	1398.1	1132.4	898.4	700.6	539.9
17.5°	3336.8	2998.6	2673.3	2336.6	2010.4	1699.4	1405.2	1137.8	903.4	705.5	544.4
15°	3289.6	2978.0	2655.7	2324.2	1999.3	1693.7	1403.9	1137.0	903.1	706.5	547.4
12.5°	3251.6	2945.7	2627.3	2300.9	1977.6	1678.4	1394.6	1130.3	897.7	706.5	549.7
10°	3203.6	2901.6	2587.9	2267.0	1945.6	1653.9	1377.7	1120.0	895.0	705.3	549.8
7.5°	3145.2	2845.9	2537.7	2222.5	1907.2	1626.5	1360.3	1108.6	889.3	701.1	547.9
5°	3077.3	2784.4	2483.7	2179.9	1877.8	1597.4	1337.4	1091.6	879.9	694.1	544.1
2.5°	3003.9	2720.8	2423.3	2128.3	1840.9	1561.3	1308.2	1069.5	866.8	684.5	538.4
0°	2918.7	2646.5	2352.7	2067.1	1796.2	1518.6	1273.4	1043.0	850.3	672.4	530.9
-2.5°	2843.9	2564.8	2276.7	2000.6	1731.1	1467.4	1235.5	1016.3	832.0	660.5	523.1
-5°	2756.9	2472.6	2191.8	1925.7	1659.2	1410.9	1192.9	986.1	810.7	646.5	513.7
-7.5°	2629.1	2359.9	2095.0	1841.5	1581.4	1349.9	1146.4	952.8	786.9	630.6	503.0
-10°	2485.1	2232.2	1985.3	1746.4	1505.8	1289.7	1097.4	917.0	760.7	613.0	490.9
-12.5°	2333.0	2097.8	1869.6	1646.6	1427.9	1230.3	1050.4	881.8	732.7	593.7	477.7
-15°	2173.6	1957.6	1748.8	1543.4	1347.4	1168.0	1001.1	845.9	705.3	573.9	463.3
-17.5°	2011.4	1812.8	1623.8	1438.0	1265.3	1103.2	950.2	808.2	676.3	554.2	449.0
-20°	1863.4	1677.6	1496.3	1331.2	1182.5	1036.5	898.0	768.9	646.0	533.4	434.5



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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°	1715.8	1552.8	1389.1	1232.1	1101.2	968.4	845.2	728.4	614.7	511.7	418.9
-25°	1568.8	1428.7	1284.4	1149.7	1022.4	905.1	794.1	686.9	582.5	489.2	402.5
-27.5°	1430.4	1307.8	1179.3	1067.1	953.6	842.8	744.9	647.6	551.4	466.0	385.1
-30°	1298.2	1192.2	1085.0	986.3	885.6	788.5	695.5	608.4	523.0	443.7	366.9
-32.5°	1176.2	1078.2	995.1	911.3	823.0	734.6	649.8	569.3	494.5	421.4	350.0
-35°	1062.7	980.8	907.7	838.7	762.5	685.8	608.0	530.7	466.0	398.5	333.3
-37.5°	954.7	894.5	831.9	770.5	702.4	637.8	568.5	498.8	437.6	375.0	316.2
-40°	865.9	814.5	762.2	705.9	649.1	590.9	529.0	468.5	410.0	350.9	298.9
-42.5°	781.3	741.4	696.3	643.2	599.6	547.6	490.0	437.7	383.2	329.3	281.3
-45°	706.0	672.1	633.7	593.9	552.2	504.6	455.6	406.7	356.5	308.9	264.3
-47.5°	635.1	609.9	578.7	545.4	506.8	463.4	420.9	377.1	329.7	288.6	248.0
-50°	575.3	553.6	528.5	498.4	462.4	425.6	386.8	347.6	307.2	268.5	231.3
-52.5°	523.5	502.7	480.3	452.4	421.8	387.7	355.4	318.7	284.3	249.1	214.4
-55°	474.8	454.4	433.8	410.1	382.6	354.2	324.3	293.1	261.0	229.7	197.5
-57.5°	428.7	408.9	391.2	369.9	346.9	322.1	295.1	267.1	238.7	210.0	182.4
-60°	384.5	368.4	351.0	333.4	313.4	290.8	266.7	241.5	216.6	190.6	167.1
-62.5°	343.9	329.3	314.9	299.0	280.5	260.2	238.4	217.1	194.2	173.2	151.6
-65°	305.7	293.7	279.9	264.9	248.1	230.3	211.9	192.4	174.0	155.5	136.0
-67.5°	269.2	258.1	244.8	230.9	217.6	202.6	185.5	169.9	154.3	137.6	120.6
-70°	233.6	222.8	211.7	201.2	189.1	175.5	161.9	148.2	134.4	120.5	105.1
-72.5°	199.3	190.9	182.0	172.4	162.0	150.7	138.6	126.8	115.7	103.3	89.6
-75°	166.0	159.5	152.6	144.8	135.7	126.0	116.6	107.0	97.1	86.1	75.8
-77.5°	133.9	128.9	123.4	117.8	110.8	103.3	95.4	87.1	79.1	71.1	62.5
-80°	103.7	100.5	96.8	92.4	86.7	80.6	74.9	69.1	62.9	56.3	49.3
-82.5°	75.6	73.4	70.8	67.8	63.9	59.9	55.8	51.5	46.6	41.4	36.4
-85°	50.0	48.2	46.2	43.8	41.5	39.0	36.7	34.1	30.9	27.6	24.3
-87.5°	24.8	23.8	22.7	21.6	20.6	19.5	18.3	17.1	15.5	13.8	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.8	8.2	6.7	5.1	3.4	1.7	0.0
85°	19.5	16.5	13.3	10.1	6.8	3.3	0.0
82.5°	29.2	24.6	20.0	15.1	10.2	5.0	0.0
80°	39.7	32.8	26.6	20.1	13.6	6.7	0.0
77.5°	56.5	42.8	33.1	25.1	16.9	8.3	0.0
75°	73.0	56.1	40.3	30.0	20.2	9.9	0.0
72.5°	89.2	69.3	50.5	34.9	23.4	11.5	0.0
70°	105.8	82.2	60.5	40.2	26.7	13.1	0.0
67.5°	126.0	94.8	70.3	47.3	29.8	14.7	0.0
65°	145.6	108.8	79.9	54.3	32.9	16.2	0.0
62.5°	164.6	124.0	89.2	61.1	35.9	17.7	0.0
60°	182.9	138.8	98.2	67.7	38.9	19.1	0.0
57.5°	203.6	152.9	109.1	74.1	43.0	20.6	0.0
55°	223.7	166.5	119.6	80.3	47.1	21.9	0.0
52.5°	242.7	179.7	129.7	86.3	51.0	23.3	0.0
50°	260.7	194.3	139.2	92.0	54.8	24.6	0.0
47.5°	277.7	208.0	148.3	97.8	58.4	25.8	0.0
45°	295.5	220.8	156.9	104.1	61.9	27.0	0.0
42.5°	312.0	232.7	164.8	110.2	65.3	28.1	0.0
40°	326.9	243.5	172.9	115.9	68.4	29.2	0.0
37.5°	340.5	253.4	181.1	121.3	71.4	30.2	0.0
35°	352.5	263.3	188.4	126.4	74.2	31.2	0.0
32.5°	364.1	272.6	195.1	131.1	76.9	32.1	0.0
30°	376.5	280.7	201.1	135.4	79.3	32.9	0.0
27.5°	387.2	287.7	206.7	139.4	81.6	33.7	0.0
25°	396.3	293.6	211.7	143.0	83.7	34.4	0.0
22.5°	403.7	298.7	216.0	146.2	85.5	35.1	0.0
20°	409.4	303.8	219.6	149.0	87.2	35.7	0.0
17.5°	414.6	308.0	222.5	151.5	88.6	36.2	0.0
15°	418.8	311.3	224.7	153.5	89.9	36.6	0.0
12.5°	421.3	313.7	226.3	155.2	90.9	37.0	0.0
10°	422.3	315.3	227.2	156.4	91.8	37.2	0.0
7.5°	421.9	315.9	227.5	157.3	92.4	37.5	0.0
5°	420.0	315.7	227.3	157.8	92.8	37.6	0.0
2.5°	416.8	314.6	226.4	158.0	93.0	37.7	0.0
0°	412.3	312.6	225.0	157.7	93.0	37.7	0.0
-2.5°	407.6	309.6	223.9	157.0	92.8	37.8	0.0
-5°	401.7	305.9	222.3	155.9	92.3	37.7	0.0
-7.5°	394.8	301.4	220.2	154.5	91.7	37.6	0.0
-10°	386.9	296.2	217.6	152.7	90.9	37.5	0.0
-12.5°	378.0	290.4	214.5	150.6	89.9	37.2	0.0
-15°	368.2	283.9	210.9	148.1	88.6	36.9	0.0
-17.5°	357.6	277.0	206.9	145.3	87.2	36.5	0.0
-20°	346.5	269.5	202.3	142.3	85.7	36.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	335.5	261.6	197.4	138.9	83.9	35.6	0.0
-25°	323.8	253.7	192.0	135.2	82.0	35.0	0.0
-27.5°	311.5	245.5	186.1	131.3	79.9	34.3	0.0
-30°	298.6	236.8	179.9	127.1	77.7	33.5	0.0
-32.5°	285.2	227.5	173.4	122.7	75.3	32.7	0.0
-35°	272.7	217.8	166.7	118.0	72.8	31.8	0.0
-37.5°	260.4	208.0	159.6	113.1	70.2	30.9	0.0
-40°	247.6	198.6	152.1	108.0	67.4	29.9	0.0
-42.5°	234.3	188.9	144.8	102.6	64.5	28.8	0.0
-45°	220.7	178.9	137.4	97.2	61.5	27.7	0.0
-47.5°	206.7	168.6	129.8	91.5	58.3	26.5	0.0
-50°	193.9	158.1	122.0	86.4	55.1	25.2	0.0
-52.5°	181.1	147.3	113.9	81.4	51.8	23.9	0.0
-55°	168.1	136.9	105.6	76.2	48.3	22.6	0.0
-57.5°	154.9	126.3	97.1	70.9	44.8	21.2	0.0
-60°	141.6	115.5	88.4	65.5	41.2	19.7	0.0
-62.5°	128.6	104.5	81.1	59.9	38.1	18.2	0.0
-65°	115.3	93.3	73.6	54.3	35.0	16.7	0.0
-67.5°	101.9	83.0	66.0	48.5	31.7	15.1	0.0
-70°	88.3	73.4	58.3	42.6	28.4	13.5	0.0
-72.5°	76.6	63.8	50.5	37.3	25.0	11.9	0.0
-75°	65.1	54.1	42.6	32.1	21.5	10.3	0.0
-77.5°	53.5	44.2	35.4	26.9	18.0	8.6	0.0
-80°	41.8	35.1	28.4	21.5	14.5	6.9	0.0
-82.5°	31.3	26.4	21.4	16.2	10.9	5.2	0.0
-85°	20.9	17.6	14.3	10.8	7.3	3.5	0.0
-87.5°	10.5	8.8	7.1	5.4	3.6	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)