

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: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-927-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5E-927-U-NAT-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (80) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

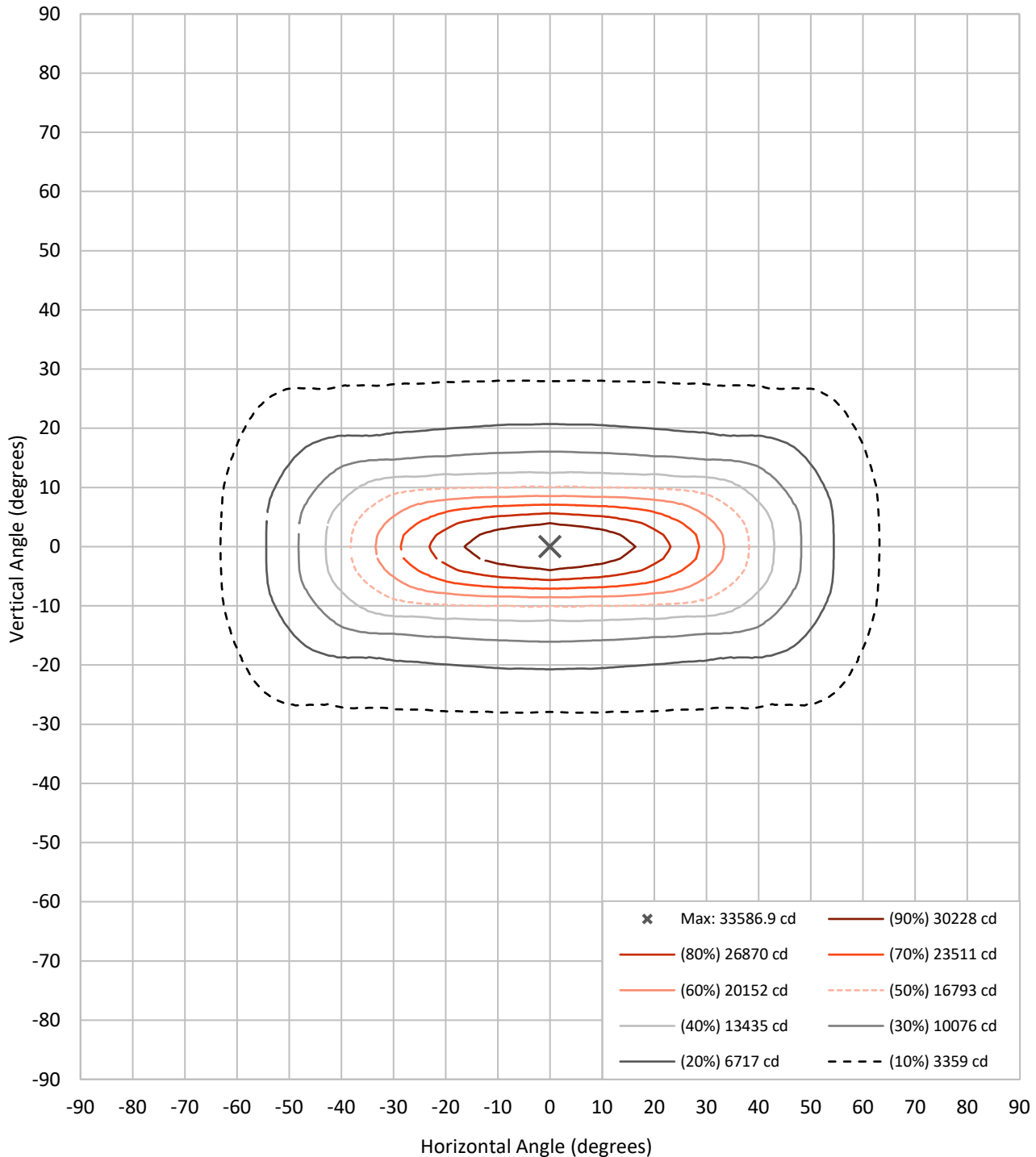
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	24054.3 lumens	Max Intensity:	33586.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	78.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	9624 lumens	Field Lumens:	19715 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 307  
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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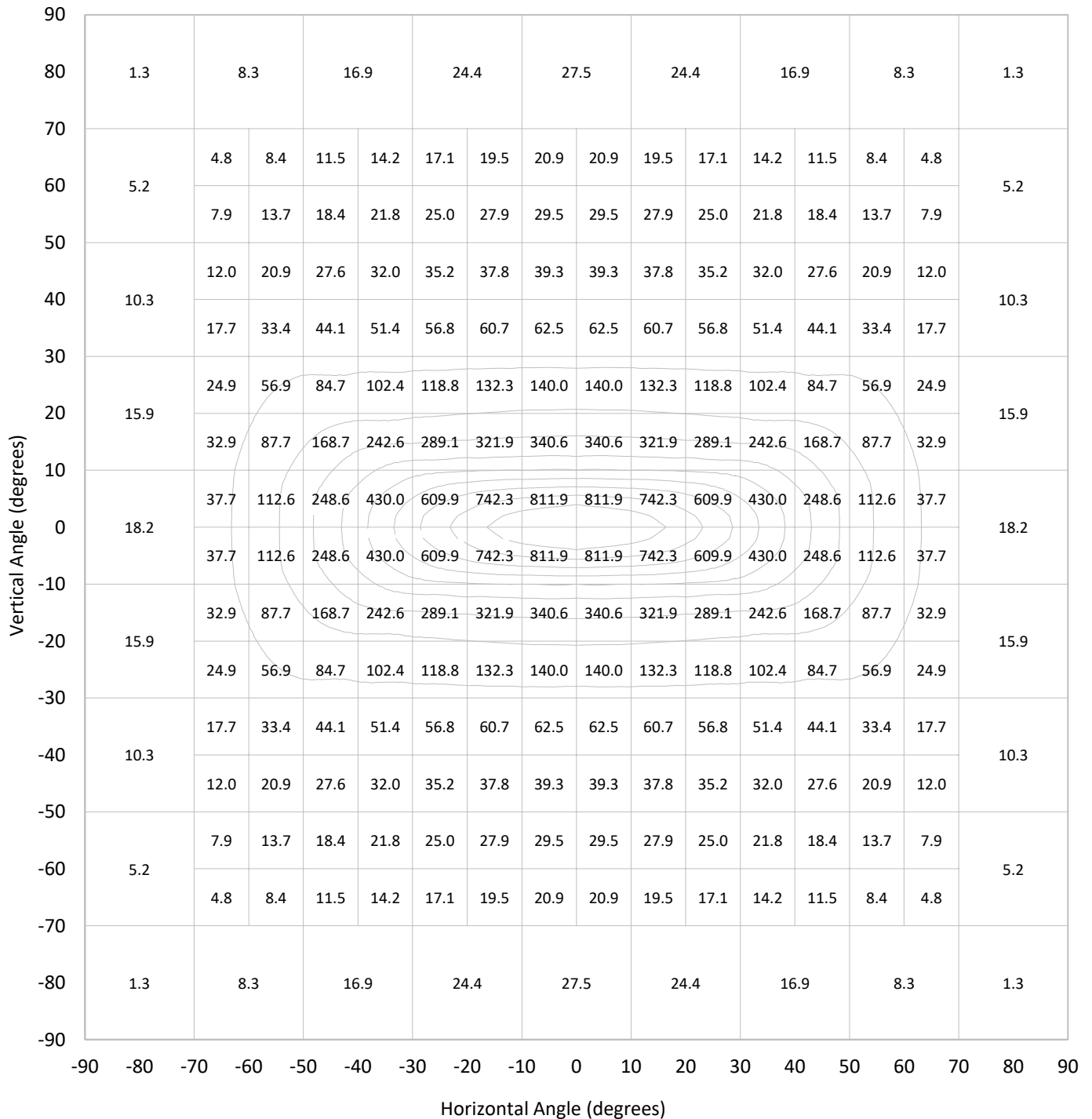
### Iso-Candela Plot





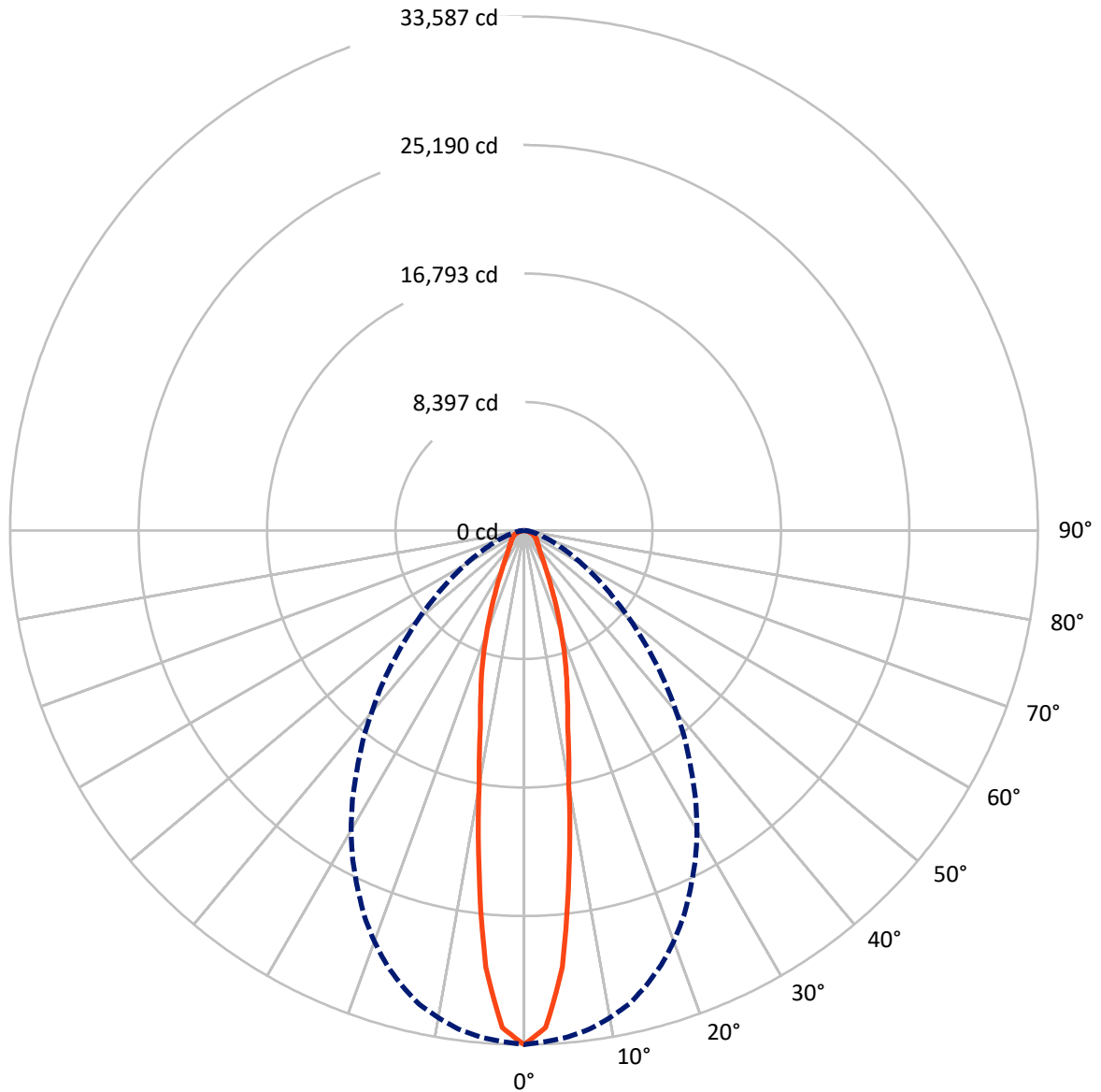
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### Lumen Table



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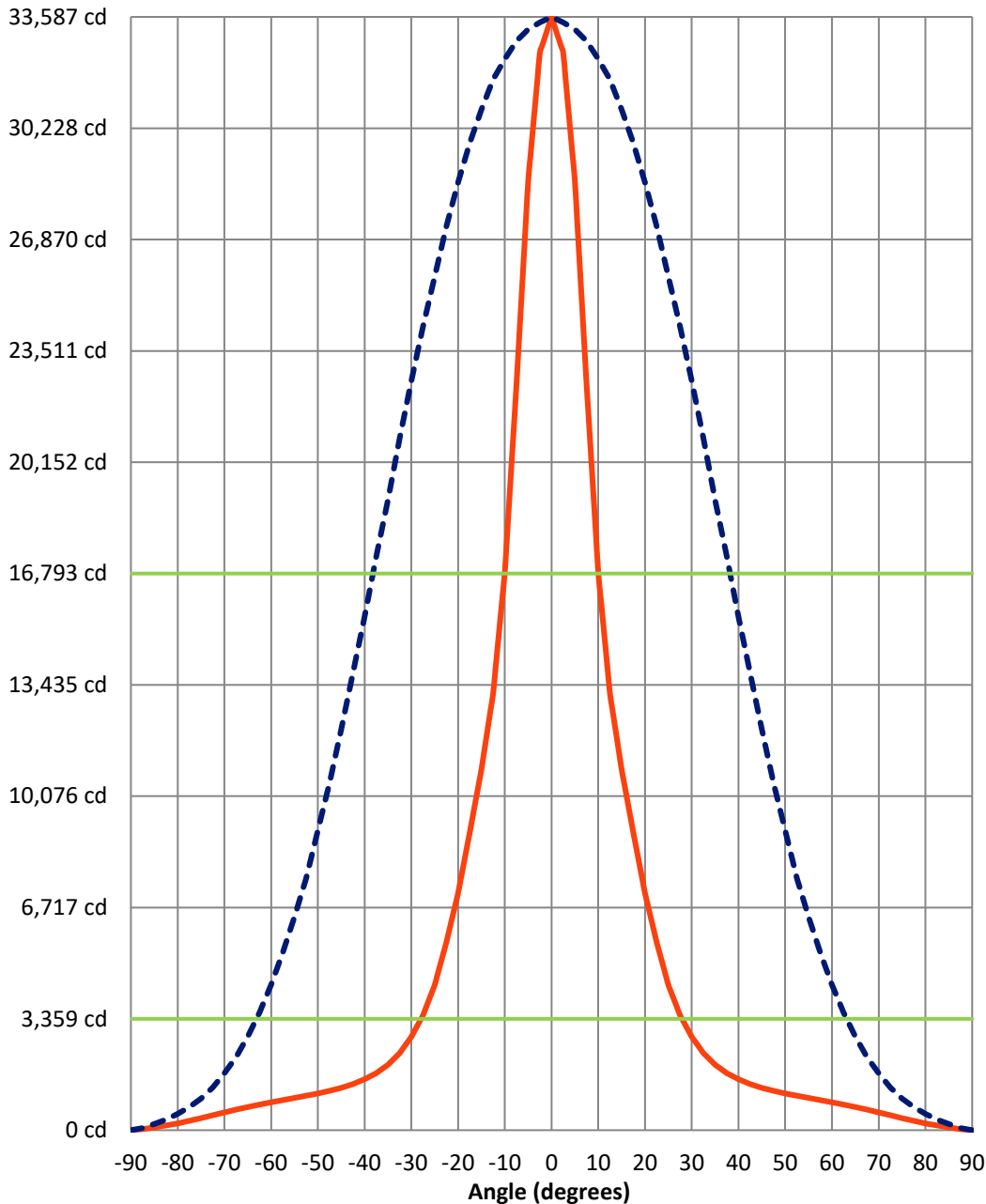
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 76.4°  
V Angle: 20°  
Lumens: 9624  
Efficiency: 40.0%

**Field:**  
H Angle: 126.3°  
V Angle: 55.8°  
Lumens: 19715  
Efficiency: 82.0%

**Spill:**  
Lumens: 4339.3  
Efficiency: 18.0%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-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	5.6	8.0	10.1	11.9	13.4	15.2	16.9	18.4	19.8
85°	0.0	5.6	11.2	15.9	20.1	23.8	26.8	30.4	33.7	36.8	39.6
82.5°	0.0	8.4	16.7	23.9	30.2	35.6	40.2	45.5	51.6	61.5	70.5
80°	0.0	11.1	22.2	31.8	40.2	47.5	55.1	70.1	83.9	96.5	107.9
77.5°	0.0	13.9	27.7	39.7	50.2	63.0	81.1	99.2	116.1	131.5	146.2
75°	0.0	16.6	33.1	47.5	61.7	85.3	107.0	128.3	148.7	169.3	186.9
72.5°	0.0	19.3	38.5	55.3	80.0	107.6	132.7	158.4	185.1	208.3	227.9
70°	0.0	21.9	43.8	64.2	98.2	129.6	158.9	191.7	221.5	247.4	272.8
67.5°	0.0	24.5	49.0	78.1	116.3	151.5	188.9	225.0	258.0	291.9	319.2
65°	0.0	27.1	54.1	91.8	134.1	175.3	218.7	258.1	300.2	336.7	368.9
62.5°	0.0	29.6	59.1	105.4	151.7	200.9	248.4	295.3	342.5	383.6	425.6
60°	0.0	32.0	64.0	118.7	169.1	226.3	277.9	334.1	385.0	436.9	482.6
57.5°	0.0	34.4	72.7	131.7	189.5	251.5	311.5	372.9	432.6	490.3	544.4
55°	0.0	36.8	81.2	144.5	209.9	276.3	345.1	411.5	481.4	545.7	609.6
52.5°	0.0	39.0	89.5	157.0	229.8	301.4	378.3	454.7	530.1	608.4	676.5
50°	0.0	41.2	97.5	169.3	249.4	328.9	411.0	498.8	581.5	672.1	756.0
47.5°	0.0	43.3	105.3	181.8	268.6	355.8	444.1	543.0	640.2	736.9	839.8
45°	0.0	45.3	112.9	195.9	287.3	382.2	482.4	587.4	700.2	815.9	926.5
42.5°	0.0	47.3	120.1	209.5	305.6	407.8	520.3	636.5	760.3	896.9	1025.3
40°	0.0	49.1	127.0	222.3	324.4	432.7	558.0	688.5	824.5	979.4	1129.2
37.5°	0.0	50.8	133.6	234.1	343.5	456.9	595.1	739.9	897.2	1065.9	1236.5
35°	0.0	52.5	139.9	245.2	361.9	484.4	631.7	790.5	969.7	1161.6	1352.7
32.5°	0.0	54.1	145.9	255.6	379.5	513.1	669.2	840.2	1041.7	1258.6	1480.6
30°	0.0	55.5	151.5	265.2	396.3	540.9	709.2	891.4	1112.9	1356.5	1611.5
27.5°	0.0	56.9	156.8	274.0	410.3	567.7	748.0	949.4	1187.3	1454.8	1744.6
25°	0.0	58.1	161.6	282.0	423.2	593.4	785.2	1005.7	1267.7	1561.6	1879.8
22.5°	0.0	59.2	166.1	289.2	435.1	616.3	820.8	1060.1	1346.4	1672.2	2027.6
20°	0.0	60.2	170.2	295.6	446.0	633.7	854.6	1112.1	1423.2	1781.2	2174.1
17.5°	0.0	61.1	173.8	301.2	455.9	649.1	880.1	1161.7	1497.4	1887.8	2318.2
15°	0.0	61.9	177.1	305.9	464.8	662.3	899.1	1200.7	1568.4	1991.0	2458.7
12.5°	0.0	62.6	179.9	309.9	472.5	673.4	915.3	1226.1	1619.3	2089.9	2594.2
10°	0.0	63.1	182.3	313.1	479.0	682.4	928.8	1247.1	1651.8	2136.5	2699.9
7.5°	0.0	63.6	184.2	315.5	484.4	689.2	939.4	1263.7	1678.1	2167.2	2747.8
5°	0.0	63.9	185.7	317.0	488.5	694.0	947.2	1275.8	1698.0	2188.5	2785.0
2.5°	0.0	64.0	186.7	317.9	491.4	696.8	952.0	1283.4	1711.2	2200.4	2810.7
0°	0.0	64.1	187.3	317.9	492.9	697.5	953.8	1286.5	1717.8	2203.3	2824.4
-2.5°	0.0	64.0	186.7	317.9	491.4	696.8	952.0	1283.4	1711.2	2200.4	2810.7
-5°	0.0	63.9	185.7	317.0	488.5	694.0	947.2	1275.8	1698.0	2188.5	2785.0
-7.5°	0.0	63.6	184.2	315.5	484.4	689.2	939.4	1263.7	1678.1	2167.2	2747.8
-10°	0.0	63.1	182.3	313.1	479.0	682.4	928.8	1247.1	1651.8	2136.5	2699.9
-12.5°	0.0	62.6	179.9	309.9	472.5	673.4	915.3	1226.1	1619.3	2089.9	2594.2
-15°	0.0	61.9	177.1	305.9	464.8	662.3	899.1	1200.7	1568.4	1991.0	2458.7
-17.5°	0.0	61.1	173.8	301.2	455.9	649.1	880.1	1161.7	1497.4	1887.8	2318.2
-20°	0.0	60.2	170.2	295.6	446.0	633.7	854.6	1112.1	1423.2	1781.2	2174.1



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 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	59.2	166.1	289.2	435.1	616.3	820.8	1060.1	1346.4	1672.2	2027.6
-25°	0.0	58.1	161.6	282.0	423.2	593.4	785.2	1005.7	1267.7	1561.6	1879.8
-27.5°	0.0	56.9	156.8	274.0	410.3	567.7	748.0	949.4	1187.3	1454.8	1744.6
-30°	0.0	55.5	151.5	265.2	396.3	540.9	709.2	891.4	1112.9	1356.5	1611.5
-32.5°	0.0	54.1	145.9	255.6	379.5	513.1	669.2	840.2	1041.7	1258.6	1480.6
-35°	0.0	52.5	139.9	245.2	361.9	484.4	631.7	790.5	969.7	1161.6	1352.7
-37.5°	0.0	50.8	133.6	234.1	343.5	456.9	595.1	739.9	897.2	1065.9	1236.5
-40°	0.0	49.1	127.0	222.3	324.4	432.7	558.0	688.5	824.5	979.4	1129.2
-42.5°	0.0	47.3	120.1	209.5	305.6	407.8	520.3	636.5	760.3	896.9	1025.3
-45°	0.0	45.3	112.9	195.9	287.3	382.2	482.4	587.4	700.2	815.9	926.5
-47.5°	0.0	43.3	105.3	181.8	268.6	355.8	444.1	543.0	640.2	736.9	839.8
-50°	0.0	41.2	97.5	169.3	249.4	328.9	411.0	498.8	581.5	672.1	756.0
-52.5°	0.0	39.0	89.5	157.0	229.8	301.4	378.3	454.7	530.1	608.4	676.5
-55°	0.0	36.8	81.2	144.5	209.9	276.3	345.1	411.5	481.4	545.7	609.6
-57.5°	0.0	34.4	72.7	131.7	189.5	251.5	311.5	372.9	432.6	490.3	544.4
-60°	0.0	32.0	64.0	118.7	169.1	226.3	277.9	334.1	385.0	436.9	482.6
-62.5°	0.0	29.6	59.1	105.4	151.7	200.9	248.4	295.3	342.5	383.6	425.6
-65°	0.0	27.1	54.1	91.8	134.1	175.3	218.7	258.1	300.2	336.7	368.9
-67.5°	0.0	24.5	49.0	78.1	116.3	151.5	188.9	225.0	258.0	291.9	319.2
-70°	0.0	21.9	43.8	64.2	98.2	129.6	158.9	191.7	221.5	247.4	272.8
-72.5°	0.0	19.3	38.5	55.3	80.0	107.6	132.7	158.4	185.1	208.3	227.9
-75°	0.0	16.6	33.1	47.5	61.7	85.3	107.0	128.3	148.7	169.3	186.9
-77.5°	0.0	13.9	27.7	39.7	50.2	63.0	81.1	99.2	116.1	131.5	146.2
-80°	0.0	11.1	22.2	31.8	40.2	47.5	55.1	70.1	83.9	96.5	107.9
-82.5°	0.0	8.4	16.7	23.9	30.2	35.6	40.2	45.5	51.6	61.5	70.5
-85°	0.0	5.6	11.2	15.9	20.1	23.8	26.8	30.4	33.7	36.8	39.6
-87.5°	0.0	2.8	5.6	8.0	10.1	11.9	13.4	15.2	16.9	18.4	19.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-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°	21.3	22.8	24.2	25.5	26.6	27.7	28.7	29.6	30.9	32.1	33.2
85°	42.6	45.6	50.5	54.5	58.2	61.4	64.2	66.4	68.8	70.8	72.3
82.5°	78.4	85.1	90.3	94.3	98.8	102.7	106.1	109.0	112.1	114.9	117.4
80°	117.3	124.7	132.4	139.1	145.7	150.6	153.7	155.0	158.9	163.9	169.0
77.5°	159.0	170.3	180.3	188.9	195.9	202.0	206.5	209.1	215.4	222.5	228.8
75°	202.2	216.0	229.8	241.9	251.5	258.6	263.8	268.0	275.5	284.9	292.9
72.5°	247.3	265.8	282.2	296.3	309.1	319.0	326.3	331.0	338.5	349.6	358.5
70°	294.7	315.9	338.1	356.3	369.9	381.5	391.1	397.7	404.5	415.7	424.1
67.5°	343.7	374.1	398.7	417.9	433.2	447.4	458.2	465.3	468.3	479.7	489.1
65°	401.6	434.1	461.5	483.0	498.3	515.8	528.0	534.0	535.9	548.2	559.9
62.5°	460.6	496.5	526.5	551.2	571.1	587.7	601.3	609.0	610.3	619.4	632.8
60°	523.5	560.2	595.9	625.7	647.0	664.1	678.9	687.0	688.6	692.3	707.6
57.5°	589.0	628.7	670.4	703.9	728.6	742.8	759.0	767.9	771.5	769.3	785.0
55°	660.3	701.6	748.7	787.6	814.2	827.0	842.1	854.9	859.3	856.4	865.8
52.5°	741.1	782.2	832.5	875.3	904.8	920.3	930.9	946.4	953.4	950.3	948.4
50°	826.0	877.8	919.3	968.3	1003.9	1024.2	1024.5	1043.8	1053.0	1050.1	1037.4
47.5°	922.2	980.5	1011.9	1068.1	1114.4	1138.4	1140.0	1147.6	1159.0	1162.0	1151.2
45°	1026.0	1097.2	1131.0	1181.1	1233.0	1262.4	1271.3	1257.5	1277.9	1284.3	1277.4
42.5°	1135.4	1226.3	1279.5	1299.9	1360.3	1401.1	1416.8	1407.1	1406.1	1420.4	1420.1
40°	1261.7	1366.1	1446.1	1467.2	1497.8	1554.0	1587.3	1585.5	1548.2	1574.8	1581.7
37.5°	1396.8	1532.4	1631.3	1675.3	1652.1	1727.1	1775.9	1795.6	1772.4	1746.2	1776.1
35°	1538.9	1710.3	1843.6	1918.6	1921.9	1920.2	1996.5	2037.5	2040.3	1992.5	2003.3
32.5°	1697.9	1899.2	2075.7	2197.0	2252.1	2218.0	2237.9	2323.9	2366.1	2347.9	2278.9
30°	1868.7	2115.7	2332.2	2503.3	2626.3	2662.5	2580.5	2647.7	2741.1	2778.3	2748.4
27.5°	2041.5	2345.4	2619.9	2857.1	3047.7	3168.6	3171.4	3067.8	3173.6	3263.5	3298.2
25°	2217.0	2575.2	2925.1	3246.5	3535.0	3742.8	3838.4	3849.5	3701.3	3836.0	3961.4
22.5°	2404.0	2811.7	3226.9	3661.2	4063.3	4368.3	4600.1	4739.7	4735.1	4593.8	4704.2
20°	2601.9	3069.1	3552.5	4067.7	4616.1	5035.4	5423.8	5720.8	5899.7	5959.1	5843.4
17.5°	2799.4	3328.7	3894.4	4508.1	5142.6	5723.8	6306.0	6779.9	7155.5	7463.8	7574.1
15°	2994.5	3587.8	4237.6	4951.4	5684.6	6412.2	7160.6	7886.5	8525.6	9089.8	9424.3
12.5°	3185.1	3843.3	4578.1	5392.7	6234.2	7110.0	8003.0	8887.4	9808.0	10721.9	11416.4
10°	3368.8	4092.1	4911.6	5826.3	6783.3	7807.5	8843.9	9893.5	11011.9	12089.7	13127.2
7.5°	3447.4	4254.8	5198.9	6246.3	7323.2	8494.3	9672.1	10890.6	12197.4	13455.0	14721.9
5°	3495.9	4319.3	5279.6	6370.8	7568.8	8942.5	10347.9	11857.1	13348.4	14796.3	16289.2
2.5°	3528.1	4363.5	5333.5	6420.0	7605.4	9016.2	10439.1	12006.3	13679.5	15353.5	17130.9
0°	3544.0	4386.9	5360.4	6434.9	7600.7	9040.0	10474.3	12091.1	13786.7	15489.7	17308.5
-2.5°	3528.1	4363.5	5333.5	6420.0	7605.4	9016.2	10439.1	12006.3	13679.5	15353.5	17130.9
-5°	3495.9	4319.3	5279.6	6370.8	7568.8	8942.5	10347.9	11857.1	13348.4	14796.3	16289.2
-7.5°	3447.4	4254.8	5198.9	6246.3	7323.2	8494.3	9672.1	10890.6	12197.4	13455.0	14721.9
-10°	3368.8	4092.1	4911.6	5826.3	6783.3	7807.5	8843.9	9893.5	11011.9	12089.7	13127.2
-12.5°	3185.1	3843.3	4578.1	5392.7	6234.2	7110.0	8003.0	8887.4	9808.0	10721.9	11416.4
-15°	2994.5	3587.8	4237.6	4951.4	5684.6	6412.2	7160.6	7886.5	8525.6	9089.8	9424.3
-17.5°	2799.4	3328.7	3894.4	4508.1	5142.6	5723.8	6306.0	6779.9	7155.5	7463.8	7574.1
-20°	2601.9	3069.1	3552.5	4067.7	4616.1	5035.4	5423.8	5720.8	5899.7	5959.1	5843.4



REPORT NUMBER: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2404.0	2811.7	3226.9	3661.2	4063.3	4368.3	4600.1	4739.7	4735.1	4593.8	4704.2
-25°	2217.0	2575.2	2925.1	3246.5	3535.0	3742.8	3838.4	3849.5	3701.3	3836.0	3961.4
-27.5°	2041.5	2345.4	2619.9	2857.1	3047.7	3168.6	3171.4	3067.8	3173.6	3263.5	3298.2
-30°	1868.7	2115.7	2332.2	2503.3	2626.3	2662.5	2580.5	2647.7	2741.1	2778.3	2748.4
-32.5°	1697.9	1899.2	2075.7	2197.0	2252.1	2218.0	2237.9	2323.9	2366.1	2347.9	2278.9
-35°	1538.9	1710.3	1843.6	1918.6	1921.9	1920.2	1996.5	2037.5	2040.3	1992.5	2003.3
-37.5°	1396.8	1532.4	1631.3	1675.3	1652.1	1727.1	1775.9	1795.6	1772.4	1746.2	1776.1
-40°	1261.7	1366.1	1446.1	1467.2	1497.8	1554.0	1587.3	1585.5	1548.2	1574.8	1581.7
-42.5°	1135.4	1226.3	1279.5	1299.9	1360.3	1401.1	1416.8	1407.1	1406.1	1420.4	1420.1
-45°	1026.0	1097.2	1131.0	1181.1	1233.0	1262.4	1271.3	1257.5	1277.9	1284.3	1277.4
-47.5°	922.2	980.5	1011.9	1068.1	1114.4	1138.4	1140.0	1147.6	1159.0	1162.0	1151.2
-50°	826.0	877.8	919.3	968.3	1003.9	1024.2	1024.5	1043.8	1053.0	1050.1	1037.4
-52.5°	741.1	782.2	832.5	875.3	904.8	920.3	930.9	946.4	953.4	950.3	948.4
-55°	660.3	701.6	748.7	787.6	814.2	827.0	842.1	854.9	859.3	856.4	865.8
-57.5°	589.0	628.7	670.4	703.9	728.6	742.8	759.0	767.9	771.5	769.3	785.0
-60°	523.5	560.2	595.9	625.7	647.0	664.1	678.9	687.0	688.6	692.3	707.6
-62.5°	460.6	496.5	526.5	551.2	571.1	587.7	601.3	609.0	610.3	619.4	632.8
-65°	401.6	434.1	461.5	483.0	498.3	515.8	528.0	534.0	535.9	548.2	559.9
-67.5°	343.7	374.1	398.7	417.9	433.2	447.4	458.2	465.3	468.3	479.7	489.1
-70°	294.7	315.9	338.1	356.3	369.9	381.5	391.1	397.7	404.5	415.7	424.1
-72.5°	247.3	265.8	282.2	296.3	309.1	319.0	326.3	331.0	338.5	349.6	358.5
-75°	202.2	216.0	229.8	241.9	251.5	258.6	263.8	268.0	275.5	284.9	292.9
-77.5°	159.0	170.3	180.3	188.9	195.9	202.0	206.5	209.1	215.4	222.5	228.8
-80°	117.3	124.7	132.4	139.1	145.7	150.6	153.7	155.0	158.9	163.9	169.0
-82.5°	78.4	85.1	90.3	94.3	98.8	102.7	106.1	109.0	112.1	114.9	117.4
-85°	42.6	45.6	50.5	54.5	58.2	61.4	64.2	66.4	68.8	70.8	72.3
-87.5°	21.3	22.8	24.2	25.5	26.6	27.7	28.7	29.6	30.9	32.1	33.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559102 (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°	34.3	33.8	33.1	32.3	31.3	31.3	31.2	31.1	30.9	30.7	30.3
85°	73.4	74.8	76.1	77.4	78.6	79.8	81.0	81.9	82.6	82.5	82.2
82.5°	119.5	123.5	127.4	131.2	134.7	136.6	138.0	138.9	139.4	140.5	141.4
80°	173.4	179.3	184.7	189.2	192.9	195.6	197.8	199.6	200.8	202.3	203.3
77.5°	234.6	241.1	247.4	252.9	257.6	262.0	265.8	268.7	270.9	274.4	277.5
75°	299.6	307.1	314.8	321.7	327.9	334.3	340.7	346.6	351.9	356.3	359.6
72.5°	365.4	373.2	382.7	391.6	399.8	408.5	417.1	424.7	431.2	437.3	442.8
70°	430.4	437.7	449.9	461.7	472.7	483.2	493.6	502.9	511.1	519.0	526.2
67.5°	497.4	505.1	520.3	534.0	546.2	557.7	569.8	580.5	589.9	598.3	605.6
65°	569.0	575.7	592.2	607.1	620.1	630.9	643.9	655.6	666.1	675.4	683.2
62.5°	643.0	649.7	663.3	678.1	690.4	700.8	716.1	729.4	740.6	749.9	757.8
60°	718.1	723.9	734.4	750.6	764.5	775.8	789.3	802.1	813.0	822.2	830.5
57.5°	796.1	802.0	807.0	823.3	836.6	846.9	858.7	871.3	881.8	890.5	899.0
55°	876.6	881.2	879.7	894.7	907.1	915.5	924.3	937.6	948.1	955.9	963.7
52.5°	959.0	964.5	960.7	967.1	980.6	988.2	992.0	1006.5	1017.2	1024.1	1031.3
50°	1050.8	1055.1	1051.7	1048.1	1061.3	1069.2	1071.3	1083.0	1092.8	1098.1	1103.1
47.5°	1150.2	1155.5	1152.9	1138.5	1150.2	1160.2	1160.5	1165.4	1175.6	1179.6	1182.7
45°	1258.4	1268.7	1266.5	1256.5	1254.8	1265.0	1264.0	1260.0	1271.7	1276.9	1278.6
42.5°	1400.4	1397.0	1400.2	1394.4	1376.5	1388.0	1389.5	1374.9	1389.5	1395.8	1392.2
40°	1574.1	1542.4	1559.9	1557.3	1540.5	1538.0	1547.1	1535.2	1537.5	1546.5	1539.5
37.5°	1780.8	1758.1	1748.7	1756.5	1751.6	1730.2	1747.2	1743.1	1729.6	1744.8	1738.1
35°	2035.3	2028.5	1977.5	2008.5	2014.9	1994.6	2000.5	2009.3	1980.1	2003.1	2000.6
32.5°	2332.8	2347.9	2336.9	2317.8	2346.8	2350.4	2316.9	2357.3	2341.0	2346.7	2362.6
30°	2669.8	2747.1	2784.8	2751.1	2769.2	2805.2	2788.7	2816.7	2830.1	2809.1	2848.8
27.5°	3258.5	3231.0	3321.2	3360.4	3318.4	3384.1	3431.7	3410.6	3480.3	3439.1	3498.0
25°	4006.6	3966.3	3990.4	4120.1	4148.9	4115.6	4249.9	4265.6	4321.0	4327.7	4368.9
22.5°	4885.5	4982.8	4971.4	5010.9	5173.8	5228.3	5277.9	5407.1	5377.6	5494.8	5515.1
20°	5868.3	6112.8	6281.2	6316.6	6386.3	6573.6	6659.5	6761.4	6829.8	6940.7	7034.5
17.5°	7530.8	7405.5	7735.9	7943.4	8052.6	8091.6	8317.2	8390.7	8560.2	8657.0	8753.1
15°	9665.4	9738.4	9589.3	9787.1	10121.3	10234.2	10104.5	10407.4	10492.7	10655.7	10684.5
12.5°	11946.9	12316.3	12497.4	12546.6	12371.9	12847.3	13037.7	12798.7	13069.9	13020.9	13244.1
10°	14123.9	15021.3	15558.5	15936.4	16166.1	16304.4	16441.9	16689.0	16693.3	16876.4	16769.5
7.5°	15911.2	17049.0	18135.9	19190.3	20033.7	20506.6	20877.8	21233.9	21709.1	21936.6	22084.4
5°	17659.8	18972.5	20273.1	21551.2	22708.6	23822.1	24913.6	25860.2	26361.9	26948.2	27470.8
2.5°	18790.8	20451.2	22112.2	23757.2	25094.6	26321.8	27457.7	28512.7	29438.2	30294.3	31017.3
0°	19011.5	20869.8	22602.4	24243.8	25749.6	27265.3	28588.8	29781.6	30789.6	31699.0	32312.7
-2.5°	18790.8	20451.2	22112.2	23757.2	25094.6	26321.8	27457.7	28512.7	29438.2	30294.3	31017.3
-5°	17659.8	18972.5	20273.1	21551.2	22708.6	23822.1	24913.6	25860.2	26361.9	26948.2	27470.8
-7.5°	15911.2	17049.0	18135.9	19190.3	20033.7	20506.6	20877.8	21233.9	21709.1	21936.6	22084.4
-10°	14123.9	15021.3	15558.5	15936.4	16166.1	16304.4	16441.9	16689.0	16693.3	16876.4	16769.5
-12.5°	11946.9	12316.3	12497.4	12546.6	12371.9	12847.3	13037.7	12798.7	13069.9	13020.9	13244.1
-15°	9665.4	9738.4	9589.3	9787.1	10121.3	10234.2	10104.5	10407.4	10492.7	10655.7	10684.5
-17.5°	7530.8	7405.5	7735.9	7943.4	8052.6	8091.6	8317.2	8390.7	8560.2	8657.0	8753.1
-20°	5868.3	6112.8	6281.2	6316.6	6386.3	6573.6	6659.5	6761.4	6829.8	6940.7	7034.5



REPORT NUMBER: P559102 (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°	4885.5	4982.8	4971.4	5010.9	5173.8	5228.3	5277.9	5407.1	5377.6	5494.8	5515.1
-25°	4006.6	3966.3	3990.4	4120.1	4148.9	4115.6	4249.9	4265.6	4321.0	4327.7	4368.9
-27.5°	3258.5	3231.0	3321.2	3360.4	3318.4	3384.1	3431.7	3410.6	3480.3	3439.1	3498.0
-30°	2669.8	2747.1	2784.8	2751.1	2769.2	2805.2	2788.7	2816.7	2830.1	2809.1	2848.8
-32.5°	2332.8	2347.9	2336.9	2317.8	2346.8	2350.4	2316.9	2357.3	2341.0	2346.7	2362.6
-35°	2035.3	2028.5	1977.5	2008.5	2014.9	1994.6	2000.5	2009.3	1980.1	2003.1	2000.6
-37.5°	1780.8	1758.1	1748.7	1756.5	1751.6	1730.2	1747.2	1743.1	1729.6	1744.8	1738.1
-40°	1574.1	1542.4	1559.9	1557.3	1540.5	1538.0	1547.1	1535.2	1537.5	1546.5	1539.5
-42.5°	1400.4	1397.0	1400.2	1394.4	1376.5	1388.0	1389.5	1374.9	1389.5	1395.8	1392.2
-45°	1258.4	1268.7	1266.5	1256.5	1254.8	1265.0	1264.0	1260.0	1271.7	1276.9	1278.6
-47.5°	1150.2	1155.5	1152.9	1138.5	1150.2	1160.2	1160.5	1165.4	1175.6	1179.6	1182.7
-50°	1050.8	1055.1	1051.7	1048.1	1061.3	1069.2	1071.3	1083.0	1092.8	1098.1	1103.1
-52.5°	959.0	964.5	960.7	967.1	980.6	988.2	992.0	1006.5	1017.2	1024.1	1031.3
-55°	876.6	881.2	879.7	894.7	907.1	915.5	924.3	937.6	948.1	955.9	963.7
-57.5°	796.1	802.0	807.0	823.3	836.6	846.9	858.7	871.3	881.8	890.5	899.0
-60°	718.1	723.9	734.4	750.6	764.5	775.8	789.3	802.1	813.0	822.2	830.5
-62.5°	643.0	649.7	663.3	678.1	690.4	700.8	716.1	729.4	740.6	749.9	757.8
-65°	569.0	575.7	592.2	607.1	620.1	630.9	643.9	655.6	666.1	675.4	683.2
-67.5°	497.4	505.1	520.3	534.0	546.2	557.7	569.8	580.5	589.9	598.3	605.6
-70°	430.4	437.7	449.9	461.7	472.7	483.2	493.6	502.9	511.1	519.0	526.2
-72.5°	365.4	373.2	382.7	391.6	399.8	408.5	417.1	424.7	431.2	437.3	442.8
-75°	299.6	307.1	314.8	321.7	327.9	334.3	340.7	346.6	351.9	356.3	359.6
-77.5°	234.6	241.1	247.4	252.9	257.6	262.0	265.8	268.7	270.9	274.4	277.5
-80°	173.4	179.3	184.7	189.2	192.9	195.6	197.8	199.6	200.8	202.3	203.3
-82.5°	119.5	123.5	127.4	131.2	134.7	136.6	138.0	138.9	139.4	140.5	141.4
-85°	73.4	74.8	76.1	77.4	78.6	79.8	81.0	81.9	82.6	82.5	82.2
-87.5°	34.3	33.8	33.1	32.3	31.3	31.3	31.2	31.1	30.9	30.7	30.3
-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: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	29.9	29.5	30.8	32.0	30.8	29.5	29.9	30.3	30.7	30.9	31.1
85°	81.7	80.9	82.4	83.8	82.4	80.9	81.7	82.2	82.5	82.6	81.9
82.5°	142.0	142.2	142.7	142.9	142.7	142.2	142.0	141.4	140.5	139.4	138.9
80°	203.7	203.7	203.1	202.1	203.1	203.7	203.7	203.3	202.3	200.8	199.6
77.5°	280.0	281.9	283.0	283.4	283.0	281.9	280.0	277.5	274.4	270.9	268.7
75°	361.8	363.0	363.1	362.3	363.1	363.0	361.8	359.6	356.3	351.9	346.6
72.5°	447.4	451.0	451.7	451.0	451.7	451.0	447.4	442.8	437.3	431.2	424.7
70°	532.1	536.8	536.7	534.8	536.7	536.8	532.1	526.2	519.0	511.1	502.9
67.5°	611.4	615.6	619.0	621.1	619.0	615.6	611.4	605.6	598.3	589.9	580.5
65°	689.5	694.2	696.7	697.5	696.7	694.2	689.5	683.2	675.4	666.1	655.6
62.5°	763.8	768.0	770.6	771.4	770.6	768.0	763.8	757.8	749.9	740.6	729.4
60°	836.9	841.6	842.3	840.4	842.3	841.6	836.9	830.5	822.2	813.0	802.1
57.5°	905.7	910.5	910.4	907.0	910.4	910.5	905.7	899.0	890.5	881.8	871.3
55°	969.3	972.7	974.1	973.5	974.1	972.7	969.3	963.7	955.9	948.1	937.6
52.5°	1036.6	1039.3	1040.5	1040.0	1040.5	1039.3	1036.6	1031.3	1024.1	1017.2	1006.5
50°	1106.7	1107.0	1106.9	1106.6	1106.9	1107.0	1106.7	1103.1	1098.1	1092.8	1083.0
47.5°	1187.0	1187.8	1188.0	1187.9	1188.0	1187.8	1187.0	1182.7	1179.6	1175.6	1165.4
45°	1281.8	1279.2	1276.4	1276.6	1276.4	1279.2	1281.8	1278.6	1276.9	1271.7	1260.0
42.5°	1395.6	1392.7	1389.2	1390.0	1389.2	1392.7	1395.6	1392.2	1395.8	1389.5	1374.9
40°	1545.6	1544.8	1539.7	1537.9	1539.7	1544.8	1545.6	1539.5	1546.5	1537.5	1535.2
37.5°	1739.1	1736.3	1725.1	1720.3	1725.1	1736.3	1739.1	1738.1	1744.8	1729.6	1743.1
35°	1993.8	1990.0	1972.8	1974.1	1972.8	1990.0	1993.8	2000.6	2003.1	1980.1	2009.3
32.5°	2354.7	2356.0	2330.0	2324.1	2330.0	2356.0	2354.7	2362.6	2346.7	2341.0	2357.3
30°	2824.1	2834.4	2803.9	2817.0	2803.9	2834.4	2824.1	2848.8	2809.1	2830.1	2816.7
27.5°	3496.9	3516.6	3489.5	3467.6	3489.5	3516.6	3496.9	3498.0	3439.1	3480.3	3410.6
25°	4422.9	4437.5	4406.6	4379.5	4406.6	4437.5	4422.9	4368.9	4327.7	4321.0	4265.6
22.5°	5628.2	5627.2	5625.7	5668.5	5625.7	5627.2	5628.2	5515.1	5494.8	5377.6	5407.1
20°	7095.0	7059.5	7112.7	7147.2	7112.7	7059.5	7095.0	7034.5	6940.7	6829.8	6761.4
17.5°	8775.4	8842.0	8893.1	8978.4	8893.1	8842.0	8775.4	8753.1	8657.0	8560.2	8390.7
15°	10756.8	10857.3	10908.5	10881.0	10908.5	10857.3	10756.8	10684.5	10655.7	10492.7	10407.4
12.5°	13252.0	13371.9	13283.3	13173.0	13283.3	13371.9	13252.0	13244.1	13020.9	13069.9	12798.7
10°	16771.1	17029.4	17043.9	16828.0	17043.9	17029.4	16771.1	16769.5	16876.4	16693.3	16689.0
7.5°	22170.4	22296.0	22486.7	22496.4	22486.7	22296.0	22170.4	22084.4	21936.6	21709.1	21233.9
5°	27707.7	28042.3	28257.9	28630.7	28257.9	28042.3	27707.7	27470.8	26948.2	26361.9	25860.2
2.5°	31484.3	31916.6	32082.5	32505.0	32082.5	31916.6	31484.3	31017.3	30294.3	29438.2	28512.7
0°	32859.9	33209.8	33419.3	33586.9	33419.3	33209.8	32859.9	32312.7	31699.0	30789.6	29781.6
-2.5°	31484.3	31916.6	32082.5	32505.0	32082.5	31916.6	31484.3	31017.3	30294.3	29438.2	28512.7
-5°	27707.7	28042.3	28257.9	28630.7	28257.9	28042.3	27707.7	27470.8	26948.2	26361.9	25860.2
-7.5°	22170.4	22296.0	22486.7	22496.4	22486.7	22296.0	22170.4	22084.4	21936.6	21709.1	21233.9
-10°	16771.1	17029.4	17043.9	16828.0	17043.9	17029.4	16771.1	16769.5	16876.4	16693.3	16689.0
-12.5°	13252.0	13371.9	13283.3	13173.0	13283.3	13371.9	13252.0	13244.1	13020.9	13069.9	12798.7
-15°	10756.8	10857.3	10908.5	10881.0	10908.5	10857.3	10756.8	10684.5	10655.7	10492.7	10407.4
-17.5°	8775.4	8842.0	8893.1	8978.4	8893.1	8842.0	8775.4	8753.1	8657.0	8560.2	8390.7
-20°	7095.0	7059.5	7112.7	7147.2	7112.7	7059.5	7095.0	7034.5	6940.7	6829.8	6761.4



REPORT NUMBER: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5628.2	5627.2	5625.7	5668.5	5625.7	5627.2	5628.2	5515.1	5494.8	5377.6	5407.1
-25°	4422.9	4437.5	4406.6	4379.5	4406.6	4437.5	4422.9	4368.9	4327.7	4321.0	4265.6
-27.5°	3496.9	3516.6	3489.5	3467.6	3489.5	3516.6	3496.9	3498.0	3439.1	3480.3	3410.6
-30°	2824.1	2834.4	2803.9	2817.0	2803.9	2834.4	2824.1	2848.8	2809.1	2830.1	2816.7
-32.5°	2354.7	2356.0	2330.0	2324.1	2330.0	2356.0	2354.7	2362.6	2346.7	2341.0	2357.3
-35°	1993.8	1990.0	1972.8	1974.1	1972.8	1990.0	1993.8	2000.6	2003.1	1980.1	2009.3
-37.5°	1739.1	1736.3	1725.1	1720.3	1725.1	1736.3	1739.1	1738.1	1744.8	1729.6	1743.1
-40°	1545.6	1544.8	1539.7	1537.9	1539.7	1544.8	1545.6	1539.5	1546.5	1537.5	1535.2
-42.5°	1395.6	1392.7	1389.2	1390.0	1389.2	1392.7	1395.6	1392.2	1395.8	1389.5	1374.9
-45°	1281.8	1279.2	1276.4	1276.6	1276.4	1279.2	1281.8	1278.6	1276.9	1271.7	1260.0
-47.5°	1187.0	1187.8	1188.0	1187.9	1188.0	1187.8	1187.0	1182.7	1179.6	1175.6	1165.4
-50°	1106.7	1107.0	1106.9	1106.6	1106.9	1107.0	1106.7	1103.1	1098.1	1092.8	1083.0
-52.5°	1036.6	1039.3	1040.5	1040.0	1040.5	1039.3	1036.6	1031.3	1024.1	1017.2	1006.5
-55°	969.3	972.7	974.1	973.5	974.1	972.7	969.3	963.7	955.9	948.1	937.6
-57.5°	905.7	910.5	910.4	907.0	910.4	910.5	905.7	899.0	890.5	881.8	871.3
-60°	836.9	841.6	842.3	840.4	842.3	841.6	836.9	830.5	822.2	813.0	802.1
-62.5°	763.8	768.0	770.6	771.4	770.6	768.0	763.8	757.8	749.9	740.6	729.4
-65°	689.5	694.2	696.7	697.5	696.7	694.2	689.5	683.2	675.4	666.1	655.6
-67.5°	611.4	615.6	619.0	621.1	619.0	615.6	611.4	605.6	598.3	589.9	580.5
-70°	532.1	536.8	536.7	534.8	536.7	536.8	532.1	526.2	519.0	511.1	502.9
-72.5°	447.4	451.0	451.7	451.0	451.7	451.0	447.4	442.8	437.3	431.2	424.7
-75°	361.8	363.0	363.1	362.3	363.1	363.0	361.8	359.6	356.3	351.9	346.6
-77.5°	280.0	281.9	283.0	283.4	283.0	281.9	280.0	277.5	274.4	270.9	268.7
-80°	203.7	203.7	203.1	202.1	203.1	203.7	203.7	203.3	202.3	200.8	199.6
-82.5°	142.0	142.2	142.7	142.9	142.7	142.2	142.0	141.4	140.5	139.4	138.9
-85°	81.7	80.9	82.4	83.8	82.4	80.9	81.7	82.2	82.5	82.6	81.9
-87.5°	29.9	29.5	30.8	32.0	30.8	29.5	29.9	30.3	30.7	30.9	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: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-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°	31.2	31.3	31.3	32.3	33.1	33.8	34.3	33.2	32.1	30.9	29.6
85°	81.0	79.8	78.6	77.4	76.1	74.8	73.4	72.3	70.8	68.8	66.4
82.5°	138.0	136.6	134.7	131.2	127.4	123.5	119.5	117.4	114.9	112.1	109.0
80°	197.8	195.6	192.9	189.2	184.7	179.3	173.4	169.0	163.9	158.9	155.0
77.5°	265.8	262.0	257.6	252.9	247.4	241.1	234.6	228.8	222.5	215.4	209.1
75°	340.7	334.3	327.9	321.7	314.8	307.1	299.6	292.9	284.9	275.5	268.0
72.5°	417.1	408.5	399.8	391.6	382.7	373.2	365.4	358.5	349.6	338.5	331.0
70°	493.6	483.2	472.7	461.7	449.9	437.7	430.4	424.1	415.7	404.5	397.7
67.5°	569.8	557.7	546.2	534.0	520.3	505.1	497.4	489.1	479.7	468.3	465.3
65°	643.9	630.9	620.1	607.1	592.2	575.7	569.0	559.9	548.2	535.9	534.0
62.5°	716.1	700.8	690.4	678.1	663.3	649.7	643.0	632.8	619.4	610.3	609.0
60°	789.3	775.8	764.5	750.6	734.4	723.9	718.1	707.6	692.3	688.6	687.0
57.5°	858.7	846.9	836.6	823.3	807.0	802.0	796.1	785.0	769.3	771.5	767.9
55°	924.3	915.5	907.1	894.7	879.7	881.2	876.6	865.8	856.4	859.3	854.9
52.5°	992.0	988.2	980.6	967.1	960.7	964.5	959.0	948.4	950.3	953.4	946.4
50°	1071.3	1069.2	1061.3	1048.1	1051.7	1055.1	1050.8	1037.4	1050.1	1053.0	1043.8
47.5°	1160.5	1160.2	1150.2	1138.5	1152.9	1155.5	1150.2	1151.2	1162.0	1159.0	1147.6
45°	1264.0	1265.0	1254.8	1256.5	1266.5	1268.7	1258.4	1277.4	1284.3	1277.9	1257.5
42.5°	1389.5	1388.0	1376.5	1394.4	1400.2	1397.0	1400.4	1420.1	1420.4	1406.1	1407.1
40°	1547.1	1538.0	1540.5	1557.3	1559.9	1542.4	1574.1	1581.7	1574.8	1548.2	1585.5
37.5°	1747.2	1730.2	1751.6	1756.5	1748.7	1758.1	1780.8	1776.1	1746.2	1772.4	1795.6
35°	2000.5	1994.6	2014.9	2008.5	1977.5	2028.5	2035.3	2003.3	1992.5	2040.3	2037.5
32.5°	2316.9	2350.4	2346.8	2317.8	2336.9	2347.9	2332.8	2278.9	2347.9	2366.1	2323.9
30°	2788.7	2805.2	2769.2	2751.1	2784.8	2747.1	2669.8	2748.4	2778.3	2741.1	2647.7
27.5°	3431.7	3384.1	3318.4	3360.4	3321.2	3231.0	3258.5	3298.2	3263.5	3173.6	3067.8
25°	4249.9	4115.6	4148.9	4120.1	3990.4	3966.3	4006.6	3961.4	3836.0	3701.3	3849.5
22.5°	5277.9	5228.3	5173.8	5010.9	4971.4	4982.8	4885.5	4704.2	4593.8	4735.1	4739.7
20°	6659.5	6573.6	6386.3	6316.6	6281.2	6112.8	5868.3	5843.4	5959.1	5899.7	5720.8
17.5°	8317.2	8091.6	8052.6	7943.4	7735.9	7405.5	7530.8	7574.1	7463.8	7155.5	6779.9
15°	10104.5	10234.2	10121.3	9787.1	9589.3	9738.4	9665.4	9424.3	9089.8	8525.6	7886.5
12.5°	13037.7	12847.3	12371.9	12546.6	12497.4	12316.3	11946.9	11416.4	10721.9	9808.0	8887.4
10°	16441.9	16304.4	16166.1	15936.4	15558.5	15021.3	14123.9	13127.2	12089.7	11011.9	9893.5
7.5°	20877.8	20506.6	20033.7	19190.3	18135.9	17049.0	15911.2	14721.9	13455.0	12197.4	10890.6
5°	24913.6	23822.1	22708.6	21551.2	20273.1	18972.5	17659.8	16289.2	14796.3	13348.4	11857.1
2.5°	27457.7	26321.8	25094.6	23757.2	22112.2	20451.2	18790.8	17130.9	15353.5	13679.5	12006.3
0°	28588.8	27265.3	25749.6	24243.8	22602.4	20869.8	19011.5	17308.5	15489.7	13786.7	12091.1
-2.5°	27457.7	26321.8	25094.6	23757.2	22112.2	20451.2	18790.8	17130.9	15353.5	13679.5	12006.3
-5°	24913.6	23822.1	22708.6	21551.2	20273.1	18972.5	17659.8	16289.2	14796.3	13348.4	11857.1
-7.5°	20877.8	20506.6	20033.7	19190.3	18135.9	17049.0	15911.2	14721.9	13455.0	12197.4	10890.6
-10°	16441.9	16304.4	16166.1	15936.4	15558.5	15021.3	14123.9	13127.2	12089.7	11011.9	9893.5
-12.5°	13037.7	12847.3	12371.9	12546.6	12497.4	12316.3	11946.9	11416.4	10721.9	9808.0	8887.4
-15°	10104.5	10234.2	10121.3	9787.1	9589.3	9738.4	9665.4	9424.3	9089.8	8525.6	7886.5
-17.5°	8317.2	8091.6	8052.6	7943.4	7735.9	7405.5	7530.8	7574.1	7463.8	7155.5	6779.9
-20°	6659.5	6573.6	6386.3	6316.6	6281.2	6112.8	5868.3	5843.4	5959.1	5899.7	5720.8



REPORT NUMBER: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5277.9	5228.3	5173.8	5010.9	4971.4	4982.8	4885.5	4704.2	4593.8	4735.1	4739.7
-25°	4249.9	4115.6	4148.9	4120.1	3990.4	3966.3	4006.6	3961.4	3836.0	3701.3	3849.5
-27.5°	3431.7	3384.1	3318.4	3360.4	3321.2	3231.0	3258.5	3298.2	3263.5	3173.6	3067.8
-30°	2788.7	2805.2	2769.2	2751.1	2784.8	2747.1	2669.8	2748.4	2778.3	2741.1	2647.7
-32.5°	2316.9	2350.4	2346.8	2317.8	2336.9	2347.9	2332.8	2278.9	2347.9	2366.1	2323.9
-35°	2000.5	1994.6	2014.9	2008.5	1977.5	2028.5	2035.3	2003.3	1992.5	2040.3	2037.5
-37.5°	1747.2	1730.2	1751.6	1756.5	1748.7	1758.1	1780.8	1776.1	1746.2	1772.4	1795.6
-40°	1547.1	1538.0	1540.5	1557.3	1559.9	1542.4	1574.1	1581.7	1574.8	1548.2	1585.5
-42.5°	1389.5	1388.0	1376.5	1394.4	1400.2	1397.0	1400.4	1420.1	1420.4	1406.1	1407.1
-45°	1264.0	1265.0	1254.8	1256.5	1266.5	1268.7	1258.4	1277.4	1284.3	1277.9	1257.5
-47.5°	1160.5	1160.2	1150.2	1138.5	1152.9	1155.5	1150.2	1151.2	1162.0	1159.0	1147.6
-50°	1071.3	1069.2	1061.3	1048.1	1051.7	1055.1	1050.8	1037.4	1050.1	1053.0	1043.8
-52.5°	992.0	988.2	980.6	967.1	960.7	964.5	959.0	948.4	950.3	953.4	946.4
-55°	924.3	915.5	907.1	894.7	879.7	881.2	876.6	865.8	856.4	859.3	854.9
-57.5°	858.7	846.9	836.6	823.3	807.0	802.0	796.1	785.0	769.3	771.5	767.9
-60°	789.3	775.8	764.5	750.6	734.4	723.9	718.1	707.6	692.3	688.6	687.0
-62.5°	716.1	700.8	690.4	678.1	663.3	649.7	643.0	632.8	619.4	610.3	609.0
-65°	643.9	630.9	620.1	607.1	592.2	575.7	569.0	559.9	548.2	535.9	534.0
-67.5°	569.8	557.7	546.2	534.0	520.3	505.1	497.4	489.1	479.7	468.3	465.3
-70°	493.6	483.2	472.7	461.7	449.9	437.7	430.4	424.1	415.7	404.5	397.7
-72.5°	417.1	408.5	399.8	391.6	382.7	373.2	365.4	358.5	349.6	338.5	331.0
-75°	340.7	334.3	327.9	321.7	314.8	307.1	299.6	292.9	284.9	275.5	268.0
-77.5°	265.8	262.0	257.6	252.9	247.4	241.1	234.6	228.8	222.5	215.4	209.1
-80°	197.8	195.6	192.9	189.2	184.7	179.3	173.4	169.0	163.9	158.9	155.0
-82.5°	138.0	136.6	134.7	131.2	127.4	123.5	119.5	117.4	114.9	112.1	109.0
-85°	81.0	79.8	78.6	77.4	76.1	74.8	73.4	72.3	70.8	68.8	66.4
-87.5°	31.2	31.3	31.3	32.3	33.1	33.8	34.3	33.2	32.1	30.9	29.6
-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: P559102 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-927-U-NAT-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°	28.7	27.7	26.6	25.5	24.2	22.8	21.3	19.8	18.4	16.9	15.2
85°	64.2	61.4	58.2	54.5	50.5	45.6	42.6	39.6	36.8	33.7	30.4
82.5°	106.1	102.7	98.8	94.3	90.3	85.1	78.4	70.5	61.5	51.6	45.5
80°	153.7	150.6	145.7	139.1	132.4	124.7	117.3	107.9	96.5	83.9	70.1
77.5°	206.5	202.0	195.9	188.9	180.3	170.3	159.0	146.2	131.5	116.1	99.2
75°	263.8	258.6	251.5	241.9	229.8	216.0	202.2	186.9	169.3	148.7	128.3
72.5°	326.3	319.0	309.1	296.3	282.2	265.8	247.3	227.9	208.3	185.1	158.4
70°	391.1	381.5	369.9	356.3	338.1	315.9	294.7	272.8	247.4	221.5	191.7
67.5°	458.2	447.4	433.2	417.9	398.7	374.1	343.7	319.2	291.9	258.0	225.0
65°	528.0	515.8	498.3	483.0	461.5	434.1	401.6	368.9	336.7	300.2	258.1
62.5°	601.3	587.7	571.1	551.2	526.5	496.5	460.6	425.6	383.6	342.5	295.3
60°	678.9	664.1	647.0	625.7	595.9	560.2	523.5	482.6	436.9	385.0	334.1
57.5°	759.0	742.8	728.6	703.9	670.4	628.7	589.0	544.4	490.3	432.6	372.9
55°	842.1	827.0	814.2	787.6	748.7	701.6	660.3	609.6	545.7	481.4	411.5
52.5°	930.9	920.3	904.8	875.3	832.5	782.2	741.1	676.5	608.4	530.1	454.7
50°	1024.5	1024.2	1003.9	968.3	919.3	877.8	826.0	756.0	672.1	581.5	498.8
47.5°	1140.0	1138.4	1114.4	1068.1	1011.9	980.5	922.2	839.8	736.9	640.2	543.0
45°	1271.3	1262.4	1233.0	1181.1	1131.0	1097.2	1026.0	926.5	815.9	700.2	587.4
42.5°	1416.8	1401.1	1360.3	1299.9	1279.5	1226.3	1135.4	1025.3	896.9	760.3	636.5
40°	1587.3	1554.0	1497.8	1467.2	1446.1	1366.1	1261.7	1129.2	979.4	824.5	688.5
37.5°	1775.9	1727.1	1652.1	1675.3	1631.3	1532.4	1396.8	1236.5	1065.9	897.2	739.9
35°	1996.5	1920.2	1921.9	1918.6	1843.6	1710.3	1538.9	1352.7	1161.6	969.7	790.5
32.5°	2237.9	2218.0	2252.1	2197.0	2075.7	1899.2	1697.9	1480.6	1258.6	1041.7	840.2
30°	2580.5	2662.5	2626.3	2503.3	2332.2	2115.7	1868.7	1611.5	1356.5	1112.9	891.4
27.5°	3171.4	3168.6	3047.7	2857.1	2619.9	2345.4	2041.5	1744.6	1454.8	1187.3	949.4
25°	3838.4	3742.8	3535.0	3246.5	2925.1	2575.2	2217.0	1879.8	1561.6	1267.7	1005.7
22.5°	4600.1	4368.3	4063.3	3661.2	3226.9	2811.7	2404.0	2027.6	1672.2	1346.4	1060.1
20°	5423.8	5035.4	4616.1	4067.7	3552.5	3069.1	2601.9	2174.1	1781.2	1423.2	1112.1
17.5°	6306.0	5723.8	5142.6	4508.1	3894.4	3328.7	2799.4	2318.2	1887.8	1497.4	1161.7
15°	7160.6	6412.2	5684.6	4951.4	4237.6	3587.8	2994.5	2458.7	1991.0	1568.4	1200.7
12.5°	8003.0	7110.0	6234.2	5392.7	4578.1	3843.3	3185.1	2594.2	2089.9	1619.3	1226.1
10°	8843.9	7807.5	6783.3	5826.3	4911.6	4092.1	3368.8	2699.9	2136.5	1651.8	1247.1
7.5°	9672.1	8494.3	7323.2	6246.3	5198.9	4254.8	3447.4	2747.8	2167.2	1678.1	1263.7
5°	10347.9	8942.5	7568.8	6370.8	5279.6	4319.3	3495.9	2785.0	2188.5	1698.0	1275.8
2.5°	10439.1	9016.2	7605.4	6420.0	5333.5	4363.5	3528.1	2810.7	2200.4	1711.2	1283.4
0°	10474.3	9040.0	7600.7	6434.9	5360.4	4386.9	3544.0	2824.4	2203.3	1717.8	1286.5
-2.5°	10439.1	9016.2	7605.4	6420.0	5333.5	4363.5	3528.1	2810.7	2200.4	1711.2	1283.4
-5°	10347.9	8942.5	7568.8	6370.8	5279.6	4319.3	3495.9	2785.0	2188.5	1698.0	1275.8
-7.5°	9672.1	8494.3	7323.2	6246.3	5198.9	4254.8	3447.4	2747.8	2167.2	1678.1	1263.7
-10°	8843.9	7807.5	6783.3	5826.3	4911.6	4092.1	3368.8	2699.9	2136.5	1651.8	1247.1
-12.5°	8003.0	7110.0	6234.2	5392.7	4578.1	3843.3	3185.1	2594.2	2089.9	1619.3	1226.1
-15°	7160.6	6412.2	5684.6	4951.4	4237.6	3587.8	2994.5	2458.7	1991.0	1568.4	1200.7
-17.5°	6306.0	5723.8	5142.6	4508.1	3894.4	3328.7	2799.4	2318.2	1887.8	1497.4	1161.7
-20°	5423.8	5035.4	4616.1	4067.7	3552.5	3069.1	2601.9	2174.1	1781.2	1423.2	1112.1



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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°	4600.1	4368.3	4063.3	3661.2	3226.9	2811.7	2404.0	2027.6	1672.2	1346.4	1060.1
-25°	3838.4	3742.8	3535.0	3246.5	2925.1	2575.2	2217.0	1879.8	1561.6	1267.7	1005.7
-27.5°	3171.4	3168.6	3047.7	2857.1	2619.9	2345.4	2041.5	1744.6	1454.8	1187.3	949.4
-30°	2580.5	2662.5	2626.3	2503.3	2332.2	2115.7	1868.7	1611.5	1356.5	1112.9	891.4
-32.5°	2237.9	2218.0	2252.1	2197.0	2075.7	1899.2	1697.9	1480.6	1258.6	1041.7	840.2
-35°	1996.5	1920.2	1921.9	1918.6	1843.6	1710.3	1538.9	1352.7	1161.6	969.7	790.5
-37.5°	1775.9	1727.1	1652.1	1675.3	1631.3	1532.4	1396.8	1236.5	1065.9	897.2	739.9
-40°	1587.3	1554.0	1497.8	1467.2	1446.1	1366.1	1261.7	1129.2	979.4	824.5	688.5
-42.5°	1416.8	1401.1	1360.3	1299.9	1279.5	1226.3	1135.4	1025.3	896.9	760.3	636.5
-45°	1271.3	1262.4	1233.0	1181.1	1131.0	1097.2	1026.0	926.5	815.9	700.2	587.4
-47.5°	1140.0	1138.4	1114.4	1068.1	1011.9	980.5	922.2	839.8	736.9	640.2	543.0
-50°	1024.5	1024.2	1003.9	968.3	919.3	877.8	826.0	756.0	672.1	581.5	498.8
-52.5°	930.9	920.3	904.8	875.3	832.5	782.2	741.1	676.5	608.4	530.1	454.7
-55°	842.1	827.0	814.2	787.6	748.7	701.6	660.3	609.6	545.7	481.4	411.5
-57.5°	759.0	742.8	728.6	703.9	670.4	628.7	589.0	544.4	490.3	432.6	372.9
-60°	678.9	664.1	647.0	625.7	595.9	560.2	523.5	482.6	436.9	385.0	334.1
-62.5°	601.3	587.7	571.1	551.2	526.5	496.5	460.6	425.6	383.6	342.5	295.3
-65°	528.0	515.8	498.3	483.0	461.5	434.1	401.6	368.9	336.7	300.2	258.1
-67.5°	458.2	447.4	433.2	417.9	398.7	374.1	343.7	319.2	291.9	258.0	225.0
-70°	391.1	381.5	369.9	356.3	338.1	315.9	294.7	272.8	247.4	221.5	191.7
-72.5°	326.3	319.0	309.1	296.3	282.2	265.8	247.3	227.9	208.3	185.1	158.4
-75°	263.8	258.6	251.5	241.9	229.8	216.0	202.2	186.9	169.3	148.7	128.3
-77.5°	206.5	202.0	195.9	188.9	180.3	170.3	159.0	146.2	131.5	116.1	99.2
-80°	153.7	150.6	145.7	139.1	132.4	124.7	117.3	107.9	96.5	83.9	70.1
-82.5°	106.1	102.7	98.8	94.3	90.3	85.1	78.4	70.5	61.5	51.6	45.5
-85°	64.2	61.4	58.2	54.5	50.5	45.6	42.6	39.6	36.8	33.7	30.4
-87.5°	28.7	27.7	26.6	25.5	24.2	22.8	21.3	19.8	18.4	16.9	15.2
-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°	13.4	11.9	10.1	8.0	5.6	2.8	0.0
85°	26.8	23.8	20.1	15.9	11.2	5.6	0.0
82.5°	40.2	35.6	30.2	23.9	16.7	8.4	0.0
80°	55.1	47.5	40.2	31.8	22.2	11.1	0.0
77.5°	81.1	63.0	50.2	39.7	27.7	13.9	0.0
75°	107.0	85.3	61.7	47.5	33.1	16.6	0.0
72.5°	132.7	107.6	80.0	55.3	38.5	19.3	0.0
70°	158.9	129.6	98.2	64.2	43.8	21.9	0.0
67.5°	188.9	151.5	116.3	78.1	49.0	24.5	0.0
65°	218.7	175.3	134.1	91.8	54.1	27.1	0.0
62.5°	248.4	200.9	151.7	105.4	59.1	29.6	0.0
60°	277.9	226.3	169.1	118.7	64.0	32.0	0.0
57.5°	311.5	251.5	189.5	131.7	72.7	34.4	0.0
55°	345.1	276.3	209.9	144.5	81.2	36.8	0.0
52.5°	378.3	301.4	229.8	157.0	89.5	39.0	0.0
50°	411.0	328.9	249.4	169.3	97.5	41.2	0.0
47.5°	444.1	355.8	268.6	181.8	105.3	43.3	0.0
45°	482.4	382.2	287.3	195.9	112.9	45.3	0.0
42.5°	520.3	407.8	305.6	209.5	120.1	47.3	0.0
40°	558.0	432.7	324.4	222.3	127.0	49.1	0.0
37.5°	595.1	456.9	343.5	234.1	133.6	50.8	0.0
35°	631.7	484.4	361.9	245.2	139.9	52.5	0.0
32.5°	669.2	513.1	379.5	255.6	145.9	54.1	0.0
30°	709.2	540.9	396.3	265.2	151.5	55.5	0.0
27.5°	748.0	567.7	410.3	274.0	156.8	56.9	0.0
25°	785.2	593.4	423.2	282.0	161.6	58.1	0.0
22.5°	820.8	616.3	435.1	289.2	166.1	59.2	0.0
20°	854.6	633.7	446.0	295.6	170.2	60.2	0.0
17.5°	880.1	649.1	455.9	301.2	173.8	61.1	0.0
15°	899.1	662.3	464.8	305.9	177.1	61.9	0.0
12.5°	915.3	673.4	472.5	309.9	179.9	62.6	0.0
10°	928.8	682.4	479.0	313.1	182.3	63.1	0.0
7.5°	939.4	689.2	484.4	315.5	184.2	63.6	0.0
5°	947.2	694.0	488.5	317.0	185.7	63.9	0.0
2.5°	952.0	696.8	491.4	317.9	186.7	64.0	0.0
0°	953.8	697.5	492.9	317.9	187.3	64.1	0.0
-2.5°	952.0	696.8	491.4	317.9	186.7	64.0	0.0
-5°	947.2	694.0	488.5	317.0	185.7	63.9	0.0
-7.5°	939.4	689.2	484.4	315.5	184.2	63.6	0.0
-10°	928.8	682.4	479.0	313.1	182.3	63.1	0.0
-12.5°	915.3	673.4	472.5	309.9	179.9	62.6	0.0
-15°	899.1	662.3	464.8	305.9	177.1	61.9	0.0
-17.5°	880.1	649.1	455.9	301.2	173.8	61.1	0.0
-20°	854.6	633.7	446.0	295.6	170.2	60.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	820.8	616.3	435.1	289.2	166.1	59.2	0.0
-25°	785.2	593.4	423.2	282.0	161.6	58.1	0.0
-27.5°	748.0	567.7	410.3	274.0	156.8	56.9	0.0
-30°	709.2	540.9	396.3	265.2	151.5	55.5	0.0
-32.5°	669.2	513.1	379.5	255.6	145.9	54.1	0.0
-35°	631.7	484.4	361.9	245.2	139.9	52.5	0.0
-37.5°	595.1	456.9	343.5	234.1	133.6	50.8	0.0
-40°	558.0	432.7	324.4	222.3	127.0	49.1	0.0
-42.5°	520.3	407.8	305.6	209.5	120.1	47.3	0.0
-45°	482.4	382.2	287.3	195.9	112.9	45.3	0.0
-47.5°	444.1	355.8	268.6	181.8	105.3	43.3	0.0
-50°	411.0	328.9	249.4	169.3	97.5	41.2	0.0
-52.5°	378.3	301.4	229.8	157.0	89.5	39.0	0.0
-55°	345.1	276.3	209.9	144.5	81.2	36.8	0.0
-57.5°	311.5	251.5	189.5	131.7	72.7	34.4	0.0
-60°	277.9	226.3	169.1	118.7	64.0	32.0	0.0
-62.5°	248.4	200.9	151.7	105.4	59.1	29.6	0.0
-65°	218.7	175.3	134.1	91.8	54.1	27.1	0.0
-67.5°	188.9	151.5	116.3	78.1	49.0	24.5	0.0
-70°	158.9	129.6	98.2	64.2	43.8	21.9	0.0
-72.5°	132.7	107.6	80.0	55.3	38.5	19.3	0.0
-75°	107.0	85.3	61.7	47.5	33.1	16.6	0.0
-77.5°	81.1	63.0	50.2	39.7	27.7	13.9	0.0
-80°	55.1	47.5	40.2	31.8	22.2	11.1	0.0
-82.5°	40.2	35.6	30.2	23.9	16.7	8.4	0.0
-85°	26.8	23.8	20.1	15.9	11.2	5.6	0.0
-87.5°	13.4	11.9	10.1	8.0	5.6	2.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)