

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: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559218 (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-SA6D-935-U-WAF-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (96) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

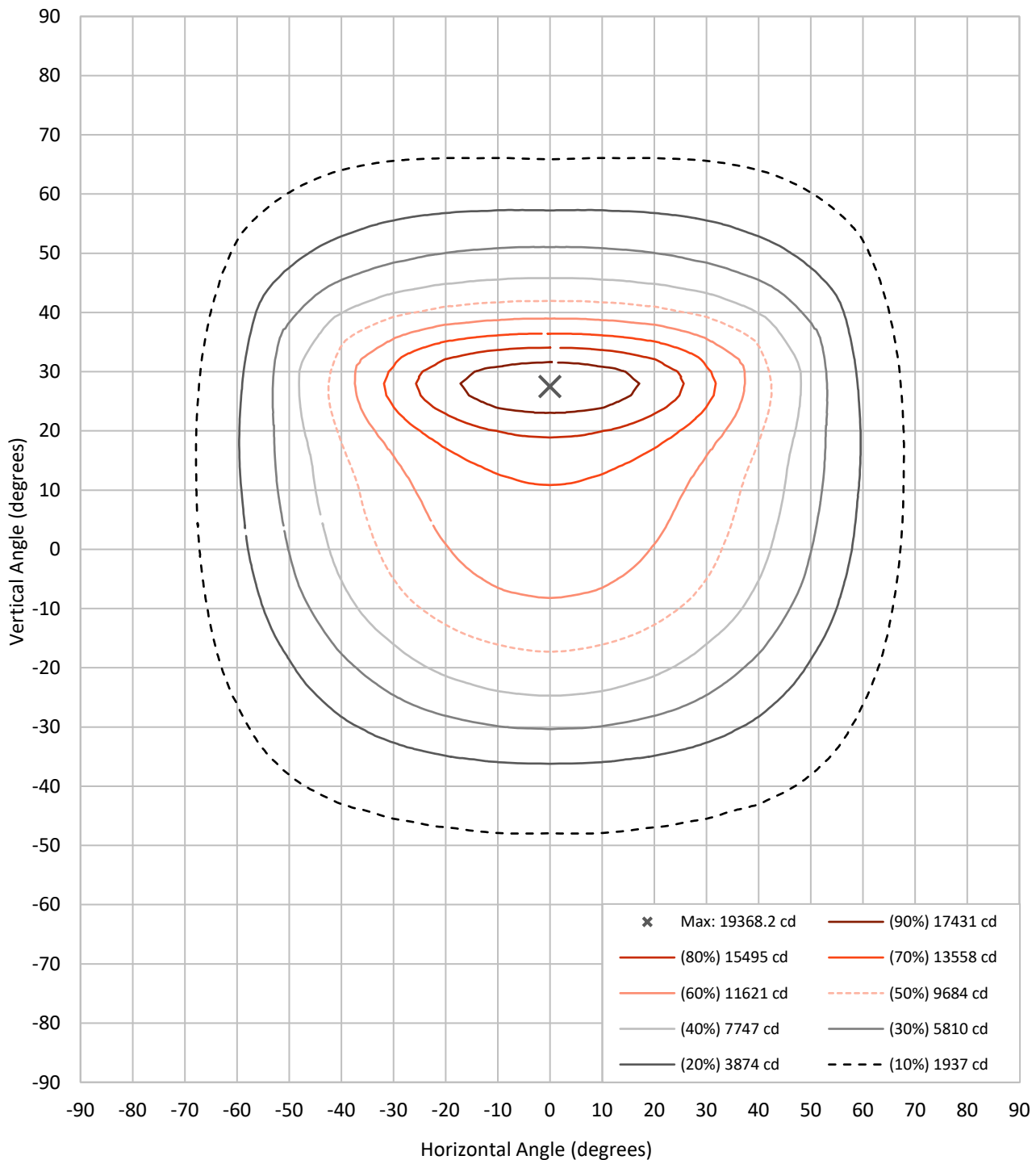
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	28235.5 lumens	Max Intensity:	19368.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	14674 lumens	Field Lumens:	26120.3 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%

Input Watts (W): 319  
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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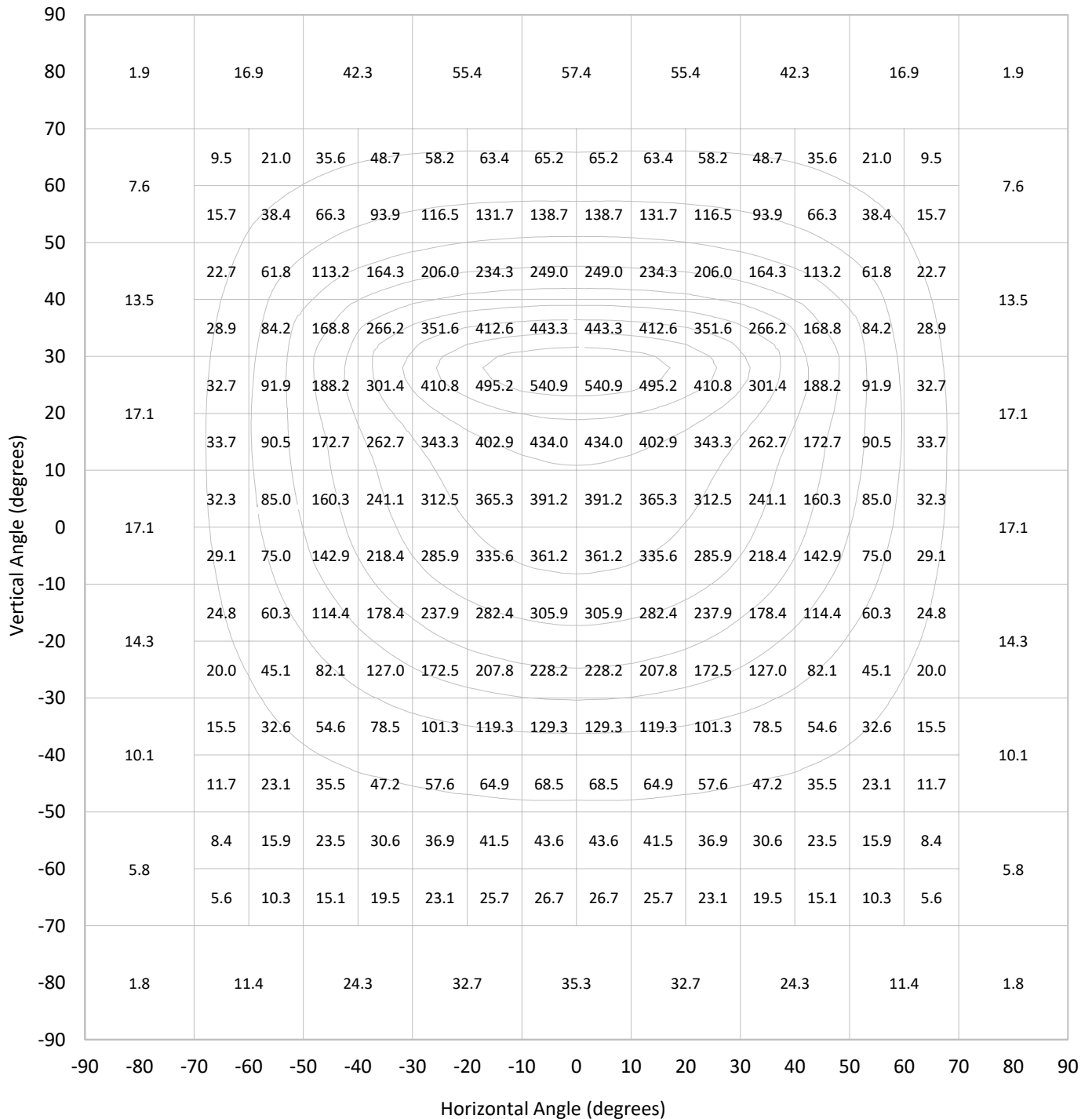
### Iso-Candela Plot





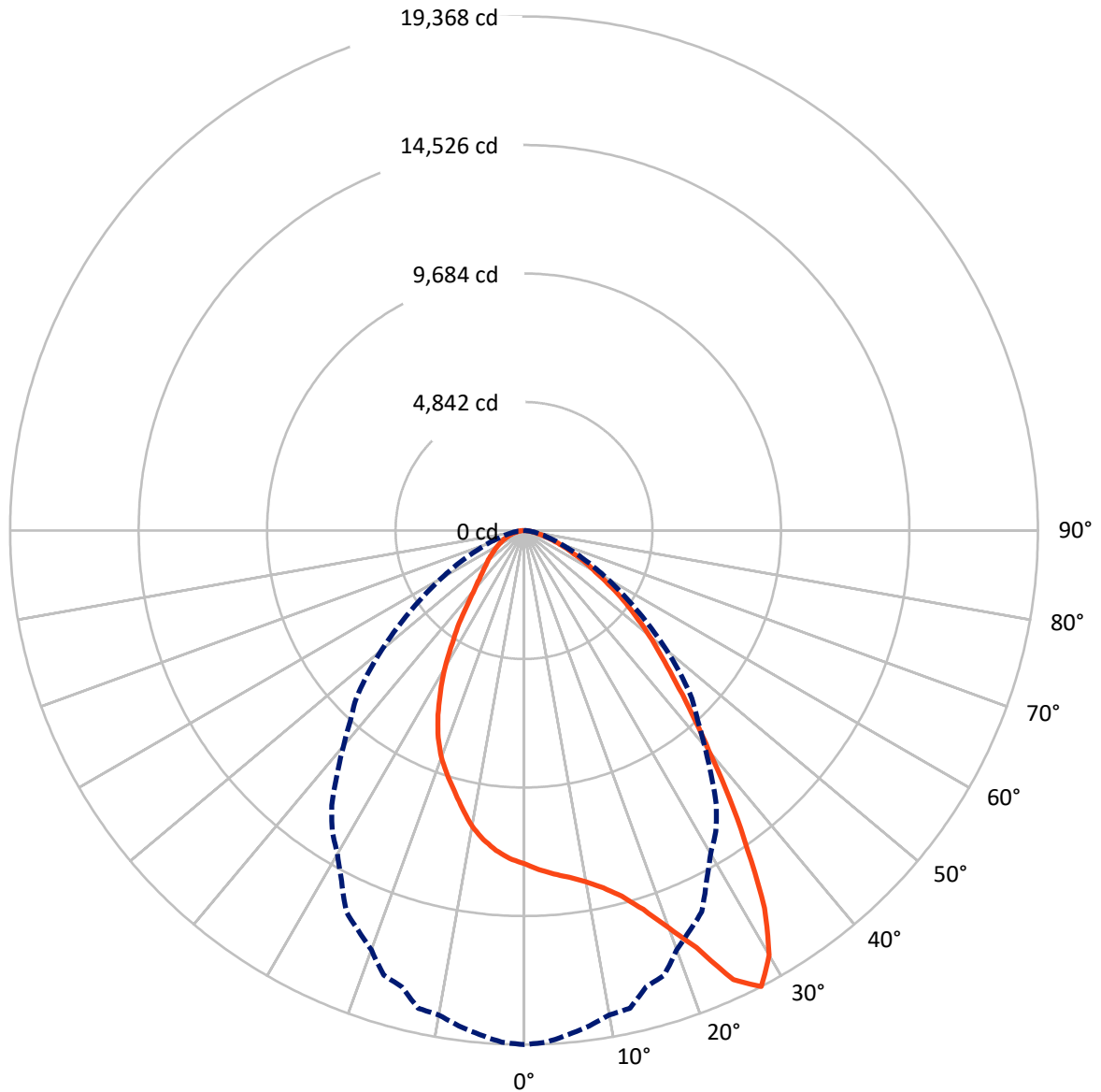
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### Lumen Table



REPORT NUMBER: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
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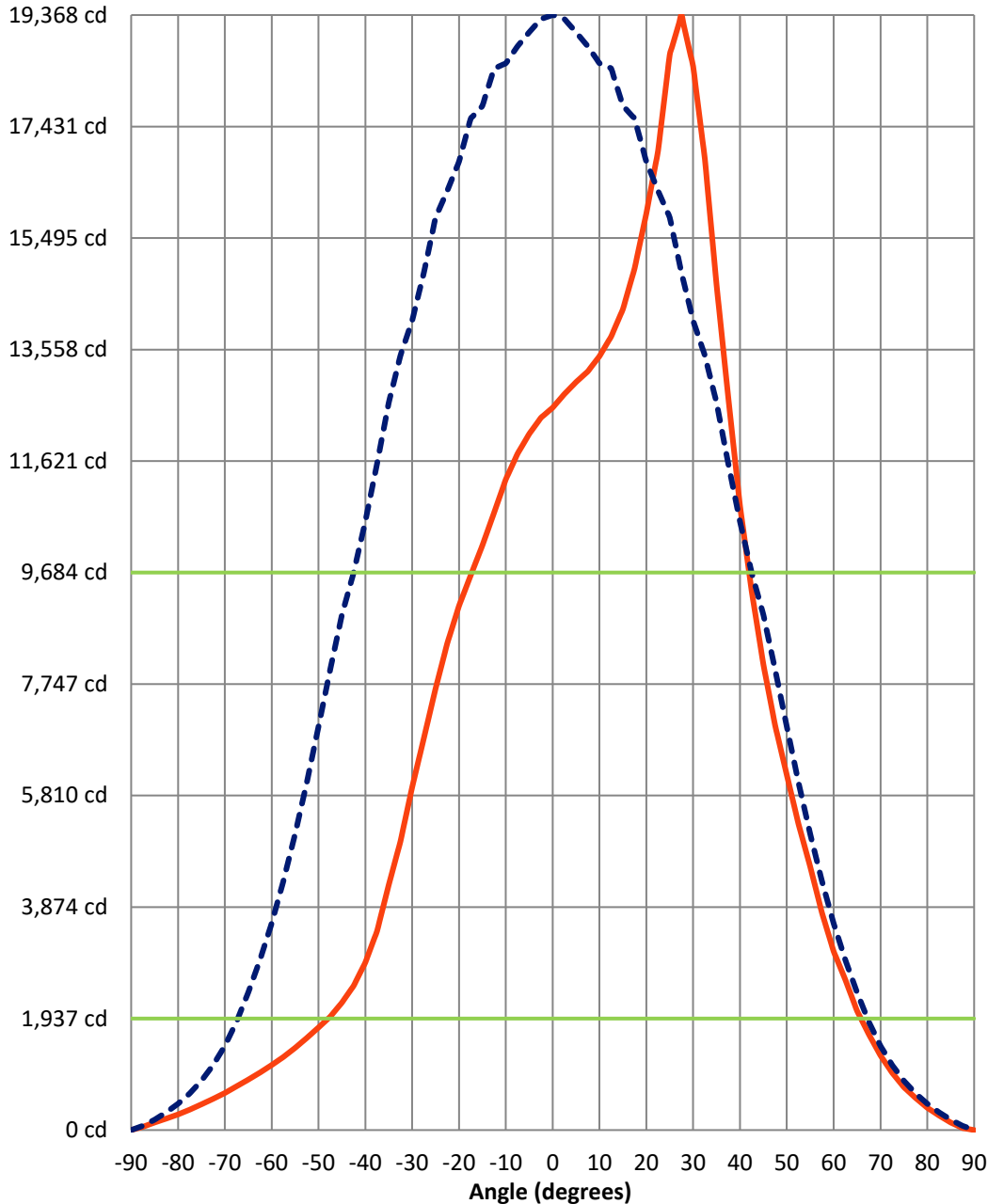
### Luminous Intensity Polar Plot



— 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: 14674  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 26120.3  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 2115.2  
 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	3.7	7.5	11.2	14.7	18.2	21.6	24.8	28.0	31.0	34.0
85°	0.0	7.4	15.0	22.3	29.5	36.4	43.1	49.7	56.0	62.1	67.9
82.5°	0.0	11.1	22.5	33.5	44.1	54.5	64.6	74.4	85.6	104.3	123.8
80°	0.0	14.7	30.0	44.5	58.7	72.5	87.9	112.3	137.9	164.5	192.1
77.5°	0.0	18.4	37.3	55.5	73.2	94.6	124.8	156.6	189.7	224.1	264.1
75°	0.0	22.0	44.6	66.4	89.1	124.1	161.3	200.2	242.1	295.0	349.2
72.5°	0.0	25.5	51.8	77.2	111.6	153.1	197.2	246.6	307.1	369.3	433.0
70°	0.0	29.0	58.9	88.8	133.7	181.6	233.7	301.5	371.0	442.6	526.2
67.5°	0.0	32.4	65.9	104.6	155.3	209.4	278.5	355.3	433.8	526.7	620.3
65°	0.0	35.8	72.7	120.0	176.5	240.4	321.9	407.9	506.4	609.0	717.8
62.5°	0.0	39.1	79.4	135.0	197.1	274.2	363.9	466.5	577.3	692.3	825.1
60°	0.0	42.3	85.9	149.7	217.1	306.8	404.4	526.4	646.4	783.9	928.9
57.5°	0.0	45.5	95.1	163.8	241.1	338.1	450.2	584.0	721.4	872.3	1047.5
55°	0.0	48.5	104.1	177.5	264.4	368.0	494.6	637.6	795.6	961.7	1168.9
52.5°	0.0	51.5	112.7	190.7	286.6	397.4	536.7	694.5	866.5	1061.9	1283.4
50°	0.0	54.3	121.1	203.4	307.8	429.7	576.2	748.6	938.1	1155.9	1420.2
47.5°	0.0	57.1	129.2	216.1	327.9	459.9	614.0	799.0	1014.4	1243.5	1550.8
45°	0.0	59.7	136.9	230.2	346.8	488.2	653.4	845.5	1080.9	1349.4	1671.0
42.5°	0.0	62.2	144.2	243.5	364.5	514.4	689.7	894.3	1141.9	1447.0	1806.2
40°	0.0	64.6	151.2	256.1	382.4	538.4	722.8	943.0	1203.5	1534.8	1932.9
37.5°	0.0	66.9	157.9	268.1	400.3	560.3	752.7	987.4	1270.0	1615.0	2046.3
35°	0.0	69.0	164.1	279.3	416.6	582.1	779.3	1027.1	1328.6	1700.3	2153.2
32.5°	0.0	71.0	169.9	289.7	431.4	602.6	804.9	1062.3	1379.2	1773.3	2248.4
30°	0.0	72.9	175.4	299.3	444.6	620.5	832.4	1095.0	1421.8	1834.0	2327.4
27.5°	0.0	74.6	180.4	308.1	457.1	636.0	856.1	1128.9	1461.5	1882.4	2390.1
25°	0.0	76.2	184.9	316.1	468.1	649.0	876.1	1156.6	1500.1	1927.0	2437.3
22.5°	0.0	77.6	189.0	323.2	477.6	660.4	892.5	1178.2	1529.1	1963.0	2477.5
20°	0.0	78.8	192.7	329.4	485.5	671.7	905.2	1193.7	1548.9	1986.4	2503.5
17.5°	0.0	80.0	196.0	334.8	491.9	681.0	916.6	1203.5	1559.7	1997.4	2515.6
15°	0.0	80.9	198.7	339.4	496.9	688.3	925.9	1210.3	1561.9	1996.7	2513.9
12.5°	0.0	81.7	201.0	343.0	500.3	693.7	931.5	1215.3	1561.9	1984.7	2499.0
10°	0.0	82.4	202.9	345.8	502.4	697.1	933.8	1215.6	1559.3	1978.7	2476.3
7.5°	0.0	82.9	204.3	347.8	503.1	698.5	932.8	1211.4	1550.1	1966.2	2451.0
5°	0.0	83.2	205.2	348.9	502.5	698.0	928.6	1202.9	1534.7	1945.3	2413.4
2.5°	0.0	83.4	205.6	349.2	500.6	695.5	921.6	1190.3	1513.4	1916.4	2364.7
0°	0.0	83.4	205.6	348.6	497.5	691.2	911.7	1173.8	1486.7	1879.9	2306.0
-2.5°	0.0	83.5	205.1	347.0	495.1	684.7	901.2	1156.5	1460.4	1839.4	2246.9
-5°	0.0	83.5	204.2	344.6	491.6	676.4	888.3	1135.9	1429.5	1792.5	2180.2
-7.5°	0.0	83.3	202.8	341.4	486.9	666.4	873.0	1112.1	1394.3	1739.8	2106.7
-10°	0.0	82.9	200.9	337.5	481.1	654.9	855.5	1085.5	1355.3	1681.9	2027.5
-12.5°	0.0	82.4	198.6	332.8	474.3	642.0	835.8	1056.2	1312.7	1620.1	1949.7
-15°	0.0	81.7	196.0	327.4	466.3	627.8	814.2	1024.5	1269.0	1559.4	1870.3
-17.5°	0.0	80.8	192.9	321.3	457.4	612.4	790.6	992.8	1225.4	1495.2	1786.9
-20°	0.0	79.8	189.4	314.5	447.4	595.9	766.2	960.7	1179.3	1428.3	1700.1



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	78.6	185.5	307.0	436.4	578.4	741.8	926.3	1131.3	1359.0	1610.5
-25°	0.0	77.3	181.3	298.9	424.4	561.0	715.9	889.9	1081.5	1288.0	1518.9
-27.5°	0.0	75.8	176.7	290.3	411.5	542.8	688.6	851.5	1030.4	1219.2	1431.9
-30°	0.0	74.2	171.8	281.0	397.7	523.5	660.2	811.3	981.0	1156.4	1345.1
-32.5°	0.0	72.4	166.6	271.2	383.5	503.0	630.6	773.9	931.7	1093.3	1258.8
-35°	0.0	70.4	161.0	260.8	368.5	481.6	603.0	736.9	881.1	1030.3	1173.3
-37.5°	0.0	68.3	155.1	250.0	352.7	460.0	575.7	699.2	829.1	967.5	1102.7
-40°	0.0	66.1	149.0	238.6	336.3	439.2	547.4	660.8	775.9	906.4	1035.9
-42.5°	0.0	63.7	142.6	226.9	320.0	417.7	518.1	621.9	728.1	847.3	967.8
-45°	0.0	61.2	135.9	214.8	303.8	395.6	488.0	584.2	683.1	788.1	899.2
-47.5°	0.0	58.6	129.0	202.2	287.0	372.8	457.1	548.2	638.1	729.0	833.8
-50°	0.0	55.8	121.8	190.9	269.7	349.5	428.8	511.5	593.7	679.2	768.6
-52.5°	0.0	52.9	114.4	179.9	251.8	325.7	400.5	474.1	550.7	628.6	704.7
-55°	0.0	49.9	106.8	168.5	233.5	302.6	371.7	436.6	507.9	577.1	648.0
-57.5°	0.0	46.8	99.1	156.8	214.6	279.3	342.5	403.2	464.4	527.9	590.6
-60°	0.0	43.6	91.1	144.8	195.5	255.4	313.1	369.4	421.5	478.9	534.1
-62.5°	0.0	40.3	84.3	132.5	179.3	231.1	284.3	335.1	382.9	429.4	480.0
-65°	0.0	37.0	77.3	120.0	162.8	206.4	255.0	300.7	343.7	384.7	425.4
-67.5°	0.0	33.5	70.1	107.2	146.0	183.5	225.4	266.7	304.2	341.0	375.6
-70°	0.0	30.0	62.8	94.3	128.9	162.4	195.3	232.5	266.4	297.0	327.7
-72.5°	0.0	26.4	55.3	82.6	111.7	141.1	169.5	198.1	228.4	255.8	280.3
-75°	0.0	22.7	47.6	71.0	94.2	119.6	144.0	167.6	190.4	214.7	236.5
-77.5°	0.0	19.0	39.9	59.4	78.4	97.9	118.4	138.4	157.3	174.9	192.6
-80°	0.0	15.2	32.0	47.6	62.9	77.7	92.5	109.0	124.5	139.1	152.7
-82.5°	0.0	11.5	24.1	35.8	47.2	58.4	69.3	80.4	91.7	103.2	113.9
-85°	0.0	7.7	16.1	23.9	31.5	39.0	46.2	53.7	61.1	68.3	75.5
-87.5°	0.0	3.8	8.0	12.0	15.8	19.5	23.1	26.9	30.6	34.2	37.8
-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-SA6D-935-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°	35.8	37.2	38.4	39.3	40.8	42.1	43.3	44.3	45.1	45.7	46.1
85°	71.5	74.5	83.3	91.7	100.5	108.5	115.6	121.8	126.9	131.0	134.2
82.5°	139.8	154.7	168.8	182.2	194.3	205.2	215.7	227.6	237.3	245.4	252.0
80°	214.4	234.8	259.6	282.8	303.8	322.9	340.4	356.2	368.4	380.7	392.7
77.5°	301.3	334.4	365.1	393.5	420.9	452.9	482.5	509.6	530.5	546.3	558.4
75°	394.8	434.0	478.9	523.3	565.0	603.4	640.6	686.0	723.0	750.8	773.0
72.5°	494.7	551.0	605.8	659.0	720.2	779.7	837.5	893.3	942.3	978.3	1007.5
70°	602.5	668.0	743.6	820.2	893.9	968.6	1048.3	1120.8	1180.8	1223.2	1263.6
67.5°	712.7	804.5	894.1	986.3	1090.7	1185.7	1272.6	1364.4	1445.3	1498.5	1545.0
65°	839.7	942.4	1062.1	1184.3	1298.8	1417.5	1527.5	1626.9	1729.0	1803.1	1864.1
62.5°	962.4	1106.9	1248.0	1391.0	1534.9	1664.0	1807.6	1935.6	2038.2	2144.3	2235.3
60°	1108.0	1279.7	1452.7	1625.1	1786.2	1967.6	2124.9	2273.7	2411.0	2529.3	2641.1
57.5°	1253.4	1475.0	1679.7	1882.0	2095.1	2289.1	2474.1	2640.8	2804.8	2941.7	3075.9
55°	1406.2	1691.6	1927.8	2177.7	2412.1	2631.2	2839.1	3047.8	3222.6	3411.2	3575.4
52.5°	1575.9	1901.9	2207.1	2482.2	2746.5	2999.2	3247.8	3499.1	3744.5	3940.1	4125.6
50°	1734.5	2123.0	2490.2	2804.2	3107.9	3407.9	3718.7	4032.8	4303.3	4527.0	4720.1
47.5°	1909.1	2328.4	2795.0	3142.3	3506.8	3878.6	4255.9	4602.8	4897.5	5201.8	5415.1
45°	2079.2	2536.3	3042.6	3524.4	3946.2	4396.5	4812.0	5194.7	5621.8	5954.1	6239.1
42.5°	2234.4	2733.3	3296.9	3910.1	4437.4	4920.7	5370.5	5908.8	6399.5	6788.0	7143.6
40°	2394.2	2912.5	3528.0	4268.3	4927.3	5443.2	5990.6	6585.6	7224.2	7702.3	8127.3
37.5°	2540.3	3095.9	3739.4	4541.7	5409.6	5976.8	6582.1	7227.6	7955.7	8674.7	9185.6
35°	2669.5	3251.1	3949.3	4764.1	5652.7	6493.9	7134.1	7821.5	8618.3	9551.4	10249.1
32.5°	2786.8	3377.8	4115.7	4937.5	5839.0	6825.3	7637.6	8343.4	9142.7	10105.6	11290.4
30°	2882.3	3500.6	4239.8	5062.9	5967.0	6949.3	7980.9	8749.8	9508.5	10453.3	11556.0
27.5°	2954.8	3590.6	4325.1	5141.1	6035.4	7006.8	7999.0	8947.7	9682.2	10571.2	11574.0
25°	3010.4	3664.4	4370.4	5170.2	6045.5	6981.5	7936.3	8834.1	9658.5	10442.3	11342.3
22.5°	3056.5	3715.2	4420.0	5150.6	5999.9	6891.6	7789.6	8645.6	9443.6	10177.4	10951.5
20°	3091.1	3747.8	4445.0	5169.7	5923.3	6745.6	7604.4	8419.1	9189.9	9900.4	10530.4
17.5°	3106.7	3757.4	4444.9	5166.1	5910.4	6629.7	7377.5	8160.5	8918.3	9624.2	10246.6
15°	3103.9	3744.8	4420.5	5138.6	5871.7	6584.2	7273.1	7919.1	8624.8	9338.4	9958.6
12.5°	3083.4	3710.9	4372.4	5087.1	5808.8	6512.8	7189.2	7837.9	8470.6	9068.3	9661.2
10°	3045.9	3656.8	4301.7	5012.1	5721.7	6415.3	7083.1	7733.9	8360.0	8946.8	9498.9
7.5°	3007.5	3596.2	4216.6	4913.8	5610.7	6292.1	6953.8	7605.8	8219.8	8805.3	9362.8
5°	2956.8	3531.9	4151.8	4819.6	5491.4	6156.2	6803.7	7452.5	8050.1	8641.0	9200.8
2.5°	2892.4	3452.1	4070.1	4705.5	5357.9	6015.6	6641.4	7278.1	7890.8	8458.7	9010.2
0°	2815.4	3357.6	3971.4	4570.2	5201.8	5851.3	6453.1	7075.8	7713.3	8249.6	8788.8
-2.5°	2731.5	3244.4	3827.5	4423.3	5033.7	5670.7	6287.7	6878.0	7501.5	8043.5	8594.2
-5°	2637.5	3119.5	3668.5	4257.6	4845.9	5466.8	6095.3	6656.6	7252.3	7788.3	8329.9
-7.5°	2534.7	2984.6	3496.5	4071.4	4632.0	5217.6	5812.8	6352.8	6931.8	7462.1	7989.6
-10°	2426.3	2851.5	3329.4	3861.1	4389.5	4935.4	5494.5	6023.3	6580.0	7108.1	7615.8
-12.5°	2322.4	2720.3	3157.1	3640.6	4133.7	4638.0	5158.0	5668.5	6196.7	6727.3	7201.9
-15°	2213.5	2582.4	2979.1	3412.5	3866.6	4328.2	4805.7	5288.9	5784.6	6303.6	6742.0
-17.5°	2100.8	2439.1	2797.5	3179.3	3590.1	4008.1	4447.1	4913.4	5367.0	5839.9	6263.9
-20°	1985.5	2291.6	2614.3	2943.4	3308.3	3709.1	4119.8	4538.3	4950.5	5362.2	5760.5



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 CATALOG NUMBER: GFLD-SA6D-935-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°	1868.6	2141.0	2434.6	2724.2	3071.3	3433.1	3793.5	4156.8	4526.6	4881.0	5257.8
-25°	1755.7	2001.1	2260.5	2542.0	2839.9	3158.9	3468.5	3775.6	4103.5	4435.8	4760.1
-27.5°	1646.9	1863.4	2108.3	2359.3	2607.6	2891.4	3162.4	3422.7	3708.9	4002.0	4264.0
-30°	1537.8	1743.4	1957.9	2180.6	2399.0	2636.0	2870.3	3098.5	3331.7	3582.8	3809.7
-32.5°	1436.7	1624.3	1819.5	2014.7	2200.1	2384.0	2600.5	2803.2	2994.0	3172.9	3370.9
-35°	1344.3	1516.2	1685.9	1854.2	2006.9	2168.6	2349.7	2520.5	2673.5	2817.2	2968.6
-37.5°	1257.0	1410.2	1553.1	1703.5	1839.2	1977.7	2111.0	2258.7	2382.9	2497.6	2621.9
-40°	1169.5	1306.5	1435.2	1560.8	1685.2	1800.9	1914.6	2015.2	2115.0	2225.4	2310.8
-42.5°	1083.4	1210.6	1325.7	1422.2	1539.5	1639.2	1727.5	1810.8	1892.5	1978.5	2047.0
-45°	1007.4	1115.8	1220.8	1313.2	1401.2	1486.0	1561.0	1626.5	1703.8	1763.5	1815.2
-47.5°	930.7	1024.6	1120.6	1205.9	1279.4	1348.4	1404.2	1469.9	1533.3	1584.5	1614.7
-50°	855.3	941.1	1022.4	1101.9	1168.5	1224.0	1272.0	1326.1	1378.8	1422.3	1451.1
-52.5°	785.7	857.4	932.8	1000.4	1061.8	1111.5	1157.3	1204.4	1243.0	1272.9	1310.6
-55°	717.0	783.1	846.0	906.7	959.2	1004.7	1049.6	1091.4	1124.4	1150.3	1181.4
-57.5°	652.5	712.1	767.0	817.9	865.1	904.2	947.9	983.6	1014.4	1038.5	1070.6
-60°	589.6	642.9	692.9	737.2	776.0	814.5	850.1	882.9	909.8	933.7	963.1
-62.5°	527.1	575.3	620.3	661.1	696.2	728.1	760.3	788.2	810.7	835.5	859.9
-65°	468.6	509.2	548.6	585.7	619.0	649.3	675.8	698.4	719.4	741.5	761.2
-67.5°	410.2	448.1	481.1	510.6	541.3	570.8	595.3	616.1	633.8	651.7	668.2
-70°	357.9	388.0	418.1	444.8	468.2	492.7	516.6	536.2	551.9	566.0	579.4
-72.5°	306.5	333.2	358.0	381.0	402.3	422.0	440.8	458.6	473.2	484.3	493.9
-75°	257.7	278.4	299.9	320.0	337.2	352.6	366.9	381.2	393.2	402.6	410.4
-77.5°	210.9	228.4	244.9	260.3	272.8	284.9	296.1	306.4	315.5	322.8	328.0
-80°	165.6	178.3	191.7	204.3	213.9	222.1	229.2	235.3	242.1	249.0	255.1
-82.5°	123.3	132.4	141.3	149.8	156.6	162.2	167.2	171.9	176.8	181.2	185.2
-85°	81.1	86.4	91.8	97.0	102.1	106.6	110.5	113.8	116.4	118.7	120.6
-87.5°	40.6	43.2	45.6	47.8	50.3	52.6	54.8	56.8	58.2	59.3	60.3
-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: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-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°	46.4	46.5	46.4	46.2	45.9	44.0	42.0	39.8	37.4	38.5	39.6
85°	136.5	137.1	136.6	135.3	133.1	132.9	132.5	131.6	130.4	132.4	134.1
82.5°	257.0	259.0	259.2	258.0	255.4	256.5	257.0	256.4	254.9	256.7	257.9
80°	401.8	405.5	405.7	403.0	397.5	398.2	398.7	397.5	394.9	395.6	395.4
77.5°	572.3	581.1	584.2	582.9	577.5	575.8	572.0	564.1	552.7	552.5	552.8
75°	789.9	798.9	803.6	803.2	798.0	794.5	789.6	780.6	767.9	767.3	767.4
72.5°	1029.9	1043.2	1049.1	1054.5	1054.5	1052.6	1046.1	1032.7	1013.0	1010.7	1013.1
70°	1295.1	1317.4	1331.6	1342.4	1351.1	1352.9	1348.7	1337.9	1320.7	1316.1	1314.7
67.5°	1590.5	1626.2	1653.2	1671.2	1688.1	1700.3	1704.9	1700.0	1686.1	1681.4	1683.3
65°	1921.5	1976.6	2022.0	2056.0	2078.8	2095.0	2109.1	2117.5	2119.6	2124.5	2131.1
62.5°	2308.2	2375.8	2439.0	2482.1	2504.3	2519.9	2565.3	2591.5	2599.0	2600.6	2610.6
60°	2739.9	2825.4	2904.3	2967.7	3018.9	3057.6	3096.3	3121.8	3131.3	3133.2	3147.0
57.5°	3212.1	3319.4	3411.8	3509.9	3578.4	3617.9	3669.6	3722.8	3750.6	3758.5	3791.3
55°	3734.4	3880.9	4000.6	4105.6	4201.1	4285.1	4356.2	4411.1	4451.6	4476.1	4519.4
52.5°	4312.0	4484.1	4609.3	4732.5	4869.6	4966.1	5029.3	5130.8	5204.2	5244.7	5296.3
50°	4946.3	5138.0	5308.6	5437.8	5597.2	5729.1	5825.3	5921.3	5988.6	6027.1	6077.1
47.5°	5668.2	5904.4	6102.4	6222.1	6407.1	6562.5	6625.1	6697.7	6824.4	6885.2	6938.7
45°	6481.1	6782.3	7002.3	7189.6	7348.7	7522.9	7637.1	7719.6	7844.3	7907.0	7946.4
42.5°	7448.2	7783.3	8073.1	8298.1	8431.8	8657.9	8822.8	8869.2	9045.9	9165.8	9201.1
40°	8532.9	8904.3	9286.7	9543.1	9758.4	9987.9	10260.0	10411.6	10561.0	10678.5	10705.1
37.5°	9663.2	10160.5	10596.8	10927.8	11283.7	11622.4	11910.8	12068.1	12166.2	12391.0	12474.9
35°	10812.3	11325.5	11936.7	12451.1	12882.4	13300.6	13629.6	13888.7	14135.3	14337.7	14459.0
32.5°	11790.9	12343.1	13097.7	13867.9	14333.6	14786.5	15326.8	15623.2	15952.4	16219.1	16413.9
30°	12595.0	13120.0	13807.0	14773.6	15411.1	15870.2	16554.1	16963.9	17322.4	17774.4	17931.7
27.5°	12633.1	13453.6	14061.2	14893.6	15850.4	16316.4	16822.5	17567.5	17793.4	18437.9	18530.8
25°	12301.5	13163.0	13787.4	14482.2	15277.8	15844.6	16306.8	16926.2	17250.5	17665.0	17983.4
22.5°	11782.8	12542.1	13179.1	13768.3	14389.1	14905.1	15327.7	15763.1	16119.0	16440.6	16739.3
20°	11210.0	11930.8	12534.8	13041.5	13533.5	14011.9	14392.0	14757.7	15065.5	15341.5	15511.5
17.5°	10806.7	11325.2	11942.4	12461.4	12887.9	13263.5	13656.6	13962.6	14232.7	14481.1	14636.5
15°	10531.2	11024.3	11463.7	11940.0	12389.5	12747.5	13043.5	13359.4	13592.7	13806.6	13975.0
12.5°	10245.4	10753.5	11213.3	11610.0	11961.8	12352.8	12669.2	12917.6	13162.4	13330.4	13503.3
10°	10006.6	10482.0	10958.9	11377.8	11748.0	12070.2	12369.7	12648.4	12868.1	13056.5	13192.7
7.5°	9868.0	10334.2	10762.8	11164.7	11525.6	11868.9	12177.9	12433.3	12651.1	12846.0	12988.7
5°	9707.3	10168.7	10596.7	11007.4	11354.0	11683.9	11991.6	12254.4	12479.8	12653.5	12790.1
2.5°	9523.1	9978.3	10405.1	10822.6	11169.2	11487.3	11778.5	12034.8	12269.6	12435.0	12551.4
0°	9313.2	9769.0	10186.1	10579.4	10928.0	11270.6	11538.7	11797.9	12027.3	12191.2	12307.4
-2.5°	9101.5	9554.5	9986.2	10363.0	10709.1	11025.4	11310.7	11555.5	11774.7	11937.8	12039.8
-5°	8820.0	9270.3	9696.4	10076.1	10437.5	10755.1	11032.5	11281.5	11492.6	11670.4	11808.7
-7.5°	8479.3	8934.6	9360.3	9747.9	10107.6	10407.7	10674.1	10924.9	11150.2	11344.6	11514.8
-10°	8104.6	8554.9	8957.1	9320.2	9655.4	9960.5	10243.9	10491.7	10698.2	10888.5	11031.8
-12.5°	7668.2	8085.2	8478.6	8836.5	9164.2	9469.6	9739.2	9975.3	10183.1	10351.8	10480.9
-15°	7186.7	7582.5	7955.1	8321.0	8664.0	8964.9	9202.0	9450.8	9630.9	9794.6	9910.9
-17.5°	6671.6	7054.2	7446.1	7812.9	8129.5	8426.3	8687.3	8914.6	9103.7	9253.8	9385.0
-20°	6149.5	6539.2	6916.4	7265.9	7570.5	7845.6	8109.9	8328.2	8522.0	8685.2	8839.1



REPORT NUMBER: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5625.1	5982.6	6336.6	6678.5	6966.6	7226.7	7458.0	7667.0	7838.0	8030.5	8166.4
-25°	5086.4	5399.7	5719.4	6021.4	6293.7	6549.4	6759.1	6942.3	7120.5	7306.4	7438.9
-27.5°	4545.2	4822.2	5081.8	5349.1	5587.7	5809.1	6003.8	6164.1	6337.1	6461.1	6606.8
-30°	4009.9	4261.1	4477.7	4663.7	4888.0	5078.1	5229.5	5388.7	5531.7	5650.3	5773.0
-32.5°	3556.6	3728.4	3901.3	4056.8	4206.1	4362.3	4484.3	4623.3	4721.3	4823.5	4922.7
-35°	3121.0	3253.3	3368.2	3513.6	3625.4	3710.6	3812.3	3914.3	3953.5	4064.6	4123.8
-37.5°	2726.5	2813.3	2920.5	3021.8	3104.9	3168.4	3259.0	3312.4	3340.6	3412.5	3451.0
-40°	2388.9	2443.7	2543.7	2612.9	2662.8	2709.0	2784.3	2819.0	2857.4	2893.1	2894.2
-42.5°	2091.8	2162.4	2230.3	2284.6	2316.1	2368.7	2404.2	2408.1	2457.9	2489.6	2494.5
-45°	1848.9	1920.6	1974.4	2014.3	2045.8	2091.0	2113.9	2126.7	2167.2	2188.8	2198.3
-47.5°	1662.3	1712.4	1758.9	1789.8	1831.1	1864.6	1881.3	1902.7	1933.8	1953.6	1967.8
-50°	1498.2	1537.9	1573.3	1601.5	1642.7	1672.5	1688.5	1714.8	1738.1	1752.4	1763.5
-52.5°	1353.9	1389.4	1413.9	1441.4	1475.5	1501.9	1522.3	1548.3	1567.6	1580.3	1590.2
-55°	1218.9	1252.2	1276.1	1306.0	1330.4	1348.1	1365.5	1390.9	1409.9	1422.8	1431.2
-57.5°	1099.7	1124.7	1148.2	1175.3	1198.5	1217.8	1233.4	1247.4	1259.9	1270.4	1278.6
-60°	988.0	1008.4	1029.9	1051.2	1068.7	1082.6	1099.2	1112.0	1120.1	1125.1	1131.8
-62.5°	880.7	899.0	918.0	935.2	949.1	960.8	974.3	984.8	992.3	997.6	1001.5
-65°	778.7	794.5	810.6	824.8	836.9	847.1	856.5	863.9	869.1	873.6	877.1
-67.5°	683.3	695.8	707.0	716.9	725.9	734.5	742.9	748.5	751.6	755.1	758.8
-70°	591.1	601.0	608.6	614.5	619.8	626.6	634.6	640.2	643.4	647.0	650.3
-72.5°	502.1	509.3	515.5	520.4	523.3	527.7	533.3	537.8	541.3	543.9	545.2
-75°	416.4	422.3	427.7	431.5	433.8	436.9	439.7	441.2	441.4	442.6	443.4
-77.5°	332.6	338.4	343.5	347.1	349.3	351.8	353.8	355.0	355.2	355.3	354.6
-80°	259.6	263.6	267.0	269.4	271.1	272.9	273.9	274.1	273.5	274.1	274.3
-82.5°	188.6	192.2	195.1	197.3	198.8	200.6	202.1	203.1	203.7	203.9	203.6
-85°	122.1	123.7	125.3	126.7	128.0	128.8	129.2	129.3	129.1	129.2	128.9
-87.5°	61.0	60.3	59.4	58.2	56.8	57.1	57.4	57.6	57.6	58.2	58.7
-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: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-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°	40.6	41.5	38.7	35.8	38.7	41.5	40.6	39.6	38.5	37.4	39.8
85°	135.4	136.3	133.9	131.1	133.9	136.3	135.4	134.1	132.4	130.4	131.6
82.5°	258.3	257.8	255.9	253.2	255.9	257.8	258.3	257.9	256.7	254.9	256.4
80°	394.0	391.4	389.8	387.3	389.8	391.4	394.0	395.4	395.6	394.9	397.5
77.5°	551.5	548.5	553.3	557.1	553.3	548.5	551.5	552.8	552.5	552.7	564.1
75°	764.5	758.6	752.9	744.8	752.9	758.6	764.5	767.4	767.3	767.9	780.6
72.5°	1012.0	1007.3	1002.8	995.1	1002.8	1007.3	1012.0	1013.1	1010.7	1013.0	1032.7
70°	1306.8	1293.0	1295.3	1296.0	1295.3	1293.0	1306.8	1314.7	1316.1	1320.7	1337.9
67.5°	1677.8	1665.2	1666.8	1665.4	1666.8	1665.2	1677.8	1683.3	1681.4	1686.1	1700.0
65°	2127.1	2112.9	2095.8	2070.6	2095.8	2112.9	2127.1	2131.1	2124.5	2119.6	2117.5
62.5°	2609.3	2596.8	2604.0	2609.8	2604.0	2596.8	2609.3	2610.6	2600.6	2599.0	2591.5
60°	3144.8	3127.2	3118.5	3104.4	3118.5	3127.2	3144.8	3147.0	3133.2	3131.3	3121.8
57.5°	3806.3	3803.1	3795.3	3774.7	3795.3	3803.1	3806.3	3791.3	3758.5	3750.6	3722.8
55°	4539.7	4535.6	4552.5	4573.2	4552.5	4535.6	4539.7	4519.4	4476.1	4451.6	4411.1
52.5°	5334.5	5347.9	5343.1	5315.0	5343.1	5347.9	5334.5	5296.3	5244.7	5204.2	5130.8
50°	6121.2	6136.2	6152.3	6167.1	6152.3	6136.2	6121.2	6077.1	6027.1	5988.6	5921.3
47.5°	7012.7	7052.4	7059.3	7031.1	7059.3	7052.4	7012.7	6938.7	6885.2	6824.4	6697.7
45°	8025.6	8049.6	8061.8	8085.7	8061.8	8049.6	8025.6	7946.4	7907.0	7844.3	7719.6
42.5°	9302.7	9330.4	9334.8	9360.9	9334.8	9330.4	9302.7	9201.1	9165.8	9045.9	8869.2
40°	10818.6	10863.5	10855.7	10844.5	10855.7	10863.5	10818.6	10705.1	10678.5	10561.0	10411.6
37.5°	12593.1	12669.3	12677.3	12724.5	12677.3	12669.3	12593.1	12474.9	12391.0	12166.2	12068.1
35°	14584.5	14674.3	14658.7	14681.8	14658.7	14674.3	14584.5	14459.0	14337.7	14135.3	13888.7
32.5°	16593.2	16728.0	16755.1	16868.6	16755.1	16728.0	16593.2	16413.9	16219.1	15952.4	15623.2
30°	18171.6	18360.4	18483.7	18474.4	18483.7	18360.4	18171.6	17931.7	17774.4	17322.4	16963.9
27.5°	18825.3	19070.0	19299.1	19368.2	19299.1	19070.0	18825.3	18530.8	18437.9	17793.4	17567.5
25°	18187.5	18366.2	18568.6	18677.0	18568.6	18366.2	18187.5	17983.4	17665.0	17250.5	16926.2
22.5°	16876.7	16993.0	17061.9	17005.7	17061.9	16993.0	16876.7	16739.3	16440.6	16119.0	15763.1
20°	15687.4	15834.5	15861.9	15921.2	15861.9	15834.5	15687.4	15511.5	15341.5	15065.5	14757.7
17.5°	14802.2	14898.6	14955.1	14967.8	14955.1	14898.6	14802.2	14636.5	14481.1	14232.7	13962.6
15°	14108.4	14185.6	14236.3	14258.8	14236.3	14185.6	14108.4	13975.0	13806.6	13592.7	13359.4
12.5°	13616.7	13710.9	13757.1	13785.1	13757.1	13710.9	13616.7	13503.3	13330.4	13162.4	12917.6
10°	13301.5	13392.3	13429.0	13442.5	13429.0	13392.3	13301.5	13192.7	13056.5	12868.1	12648.4
7.5°	13075.1	13133.4	13158.1	13177.3	13158.1	13133.4	13075.1	12988.7	12846.0	12651.1	12433.3
5°	12892.4	12938.9	12965.0	12992.6	12965.0	12938.9	12892.4	12790.1	12653.5	12479.8	12254.4
2.5°	12643.8	12710.2	12756.2	12784.0	12756.2	12710.2	12643.8	12551.4	12435.0	12269.6	12034.8
0°	12399.7	12462.3	12495.0	12548.7	12495.0	12462.3	12399.7	12307.4	12191.2	12027.3	11797.9
-2.5°	12131.3	12203.7	12289.8	12372.9	12289.8	12203.7	12131.3	12039.8	11937.8	11774.7	11555.5
-5°	11926.0	12021.7	12039.6	12092.8	12039.6	12021.7	11926.0	11808.7	11670.4	11492.6	11281.5
-7.5°	11616.1	11659.8	11734.0	11747.3	11734.0	11659.8	11616.1	11514.8	11344.6	11150.2	10924.9
-10°	11138.9	11209.9	11256.1	11303.3	11256.1	11209.9	11138.9	11031.8	10888.5	10698.2	10491.7
-12.5°	10578.0	10661.4	10735.9	10725.4	10735.9	10661.4	10578.0	10480.9	10351.8	10183.1	9975.3
-15°	10031.6	10112.1	10163.2	10156.3	10163.2	10112.1	10031.6	9910.9	9794.6	9630.9	9450.8
-17.5°	9489.2	9562.7	9636.7	9635.0	9636.7	9562.7	9489.2	9385.0	9253.8	9103.7	8914.6
-20°	8929.1	8992.1	9071.4	9104.6	9071.4	8992.1	8929.1	8839.1	8685.2	8522.0	8328.2



REPORT NUMBER: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-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°	8281.5	8362.1	8419.7	8455.2	8419.7	8362.1	8281.5	8166.4	8030.5	7838.0	7667.0
-25°	7526.7	7609.4	7653.2	7668.6	7653.2	7609.4	7526.7	7438.9	7306.4	7120.5	6942.3
-27.5°	6692.7	6785.4	6830.4	6807.6	6830.4	6785.4	6692.7	6606.8	6461.1	6337.1	6164.1
-30°	5837.5	5897.0	5903.9	5955.6	5903.9	5897.0	5837.5	5773.0	5650.3	5531.7	5388.7
-32.5°	4993.7	5033.6	5010.9	5014.1	5010.9	5033.6	4993.7	4922.7	4823.5	4721.3	4623.3
-35°	4160.6	4192.4	4198.7	4257.4	4198.7	4192.4	4160.6	4123.8	4064.6	3953.5	3914.3
-37.5°	3490.8	3503.6	3484.0	3456.0	3484.0	3503.6	3490.8	3451.0	3412.5	3340.6	3312.4
-40°	2922.6	2932.5	2925.2	2910.7	2925.2	2932.5	2922.6	2894.2	2893.1	2857.4	2819.0
-42.5°	2514.0	2514.0	2507.4	2505.6	2507.4	2514.0	2514.0	2494.5	2489.6	2457.9	2408.1
-45°	2212.0	2215.2	2214.7	2213.6	2214.7	2215.2	2212.0	2198.3	2188.8	2167.2	2126.7
-47.5°	1977.8	1978.5	1975.4	1969.3	1975.4	1978.5	1977.8	1967.8	1953.6	1933.8	1902.7
-50°	1770.4	1770.4	1774.4	1781.6	1774.4	1770.4	1770.4	1763.5	1752.4	1738.1	1714.8
-52.5°	1595.3	1594.9	1597.1	1599.9	1597.1	1594.9	1595.3	1590.2	1580.3	1567.6	1548.3
-55°	1435.0	1434.1	1432.0	1427.1	1432.0	1434.1	1435.0	1431.2	1422.8	1409.9	1390.9
-57.5°	1281.7	1279.9	1276.1	1269.2	1276.1	1279.9	1281.7	1278.6	1270.4	1259.9	1247.4
-60°	1135.6	1136.3	1134.3	1129.1	1134.3	1136.3	1135.6	1131.8	1125.1	1120.1	1112.0
-62.5°	1002.4	1000.4	1000.0	998.1	1000.0	1000.4	1002.4	1001.5	997.6	992.3	984.8
-65°	877.7	875.7	876.4	875.9	876.4	875.7	877.7	877.1	873.6	869.1	863.9
-67.5°	760.3	759.7	760.3	759.7	760.3	759.7	760.3	758.8	755.1	751.6	748.5
-70°	652.1	652.4	649.0	643.5	649.0	652.4	652.1	650.3	647.0	643.4	640.2
-72.5°	544.8	542.9	543.1	542.2	543.1	542.9	544.8	545.2	543.9	541.3	537.8
-75°	443.2	442.0	444.8	446.9	444.8	442.0	443.2	443.4	442.6	441.4	441.2
-77.5°	352.9	350.3	352.6	354.5	352.6	350.3	352.9	354.6	355.3	355.2	355.0
-80°	274.0	273.1	272.3	271.1	272.3	273.1	274.0	274.3	274.1	273.5	274.1
-82.5°	202.9	201.8	200.9	199.6	200.9	201.8	202.9	203.6	203.9	203.7	203.1
-85°	128.4	127.6	129.5	131.1	129.5	127.6	128.4	128.9	129.2	129.1	129.3
-87.5°	59.1	59.4	58.0	56.6	58.0	59.4	59.1	58.7	58.2	57.6	57.6
-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: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	42.0	44.0	45.9	46.2	46.4	46.5	46.4	46.1	45.7	45.1	44.3
85°	132.5	132.9	133.1	135.3	136.6	137.1	136.5	134.2	131.0	126.9	121.8
82.5°	257.0	256.5	255.4	258.0	259.2	259.0	257.0	252.0	245.4	237.3	227.6
80°	398.7	398.2	397.5	403.0	405.7	405.5	401.8	392.7	380.7	368.4	356.2
77.5°	572.0	575.8	577.5	582.9	584.2	581.1	572.3	558.4	546.3	530.5	509.6
75°	789.6	794.5	798.0	803.2	803.6	798.9	789.9	773.0	750.8	723.0	686.0
72.5°	1046.1	1052.6	1054.5	1054.5	1049.1	1043.2	1029.9	1007.5	978.3	942.3	893.3
70°	1348.7	1352.9	1351.1	1342.4	1331.6	1317.4	1295.1	1263.6	1223.2	1180.8	1120.8
67.5°	1704.9	1700.3	1688.1	1671.2	1653.2	1626.2	1590.5	1545.0	1498.5	1445.3	1364.4
65°	2109.1	2095.0	2078.8	2056.0	2022.0	1976.6	1921.5	1864.1	1803.1	1729.0	1626.9
62.5°	2565.3	2519.9	2504.3	2482.1	2439.0	2375.8	2308.2	2235.3	2144.3	2038.2	1935.6
60°	3096.3	3057.6	3018.9	2967.7	2904.3	2825.4	2739.9	2641.1	2529.3	2411.0	2273.7
57.5°	3669.6	3617.9	3578.4	3509.9	3411.8	3319.4	3212.1	3075.9	2941.7	2804.8	2640.8
55°	4356.2	4285.1	4201.1	4105.6	4000.6	3880.9	3734.4	3575.4	3411.2	3222.6	3047.8
52.5°	5029.3	4966.1	4869.6	4732.5	4609.3	4484.1	4312.0	4125.6	3940.1	3744.5	3499.1
50°	5825.3	5729.1	5597.2	5437.8	5308.6	5138.0	4946.3	4720.1	4527.0	4303.3	4032.8
47.5°	6625.1	6562.5	6407.1	6222.1	6102.4	5904.4	5668.2	5415.1	5201.8	4897.5	4602.8
45°	7637.1	7522.9	7348.7	7189.6	7002.3	6782.3	6481.1	6239.1	5954.1	5621.8	5194.7
42.5°	8822.8	8657.9	8431.8	8298.1	8073.1	7783.3	7448.2	7143.6	6788.0	6399.5	5908.8
40°	10260.0	9987.9	9758.4	9543.1	9286.7	8904.3	8532.9	8127.3	7702.3	7224.2	6585.6
37.5°	11910.8	11622.4	11283.7	10927.8	10596.8	10160.5	9663.2	9185.6	8674.7	7955.7	7227.6
35°	13629.6	13300.6	12882.4	12451.1	11936.7	11325.5	10812.3	10249.1	9551.4	8618.3	7821.5
32.5°	15326.8	14786.5	14333.6	13867.9	13097.7	12343.1	11790.9	11290.4	10105.6	9142.7	8343.4
30°	16554.1	15870.2	15411.1	14773.6	13807.0	13120.0	12595.0	11556.0	10453.3	9508.5	8749.8
27.5°	16822.5	16316.4	15850.4	14893.6	14061.2	13453.6	12633.1	11574.0	10571.2	9682.2	8947.7
25°	16306.8	15844.6	15277.8	14482.2	13787.4	13163.0	12301.5	11342.3	10442.3	9658.5	8834.1
22.5°	15327.7	14905.1	14389.1	13768.3	13179.1	12542.1	11782.8	10951.5	10177.4	9443.6	8645.6
20°	14392.0	14011.9	13533.5	13041.5	12534.8	11930.8	11210.0	10530.4	9900.4	9189.9	8419.1
17.5°	13656.6	13263.5	12887.9	12461.4	11942.4	11325.2	10806.7	10246.6	9624.2	8918.3	8160.5
15°	13043.5	12747.5	12389.5	11940.0	11463.7	11024.3	10531.2	9958.6	9338.4	8624.8	7919.1
12.5°	12669.2	12352.8	11961.8	11610.0	11213.3	10753.5	10245.4	9661.2	9068.3	8470.6	7837.9
10°	12369.7	12070.2	11748.0	11377.8	10958.9	10482.0	10006.6	9498.9	8946.8	8360.0	7733.9
7.5°	12177.9	11868.9	11525.6	11164.7	10762.8	10334.2	9868.0	9362.8	8805.3	8219.8	7605.8
5°	11991.6	11683.9	11354.0	11007.4	10596.7	10168.7	9707.3	9200.8	8641.0	8050.1	7452.5
2.5°	11778.5	11487.3	11169.2	10822.6	10405.1	9978.3	9523.1	9010.2	8458.7	7890.8	7278.1
0°	11538.7	11270.6	10928.0	10579.4	10186.1	9769.0	9313.2	8788.8	8249.6	7713.3	7075.8
-2.5°	11310.7	11025.4	10709.1	10363.0	9986.2	9554.5	9101.5	8594.2	8043.5	7501.5	6878.0
-5°	11032.5	10755.1	10437.5	10076.1	9696.4	9270.3	8820.0	8329.9	7788.3	7252.3	6656.6
-7.5°	10674.1	10407.7	10107.6	9747.9	9360.3	8934.6	8479.3	7989.6	7462.1	6931.8	6352.8
-10°	10243.9	9960.5	9655.4	9320.2	8957.1	8554.9	8104.6	7615.8	7108.1	6580.0	6023.3
-12.5°	9739.2	9469.6	9164.2	8836.5	8478.6	8085.2	7668.2	7201.9	6727.3	6196.7	5668.5
-15°	9202.0	8964.9	8664.0	8321.0	7955.1	7582.5	7186.7	6742.0	6303.6	5784.6	5288.9
-17.5°	8687.3	8426.3	8129.5	7812.9	7446.1	7054.2	6671.6	6263.9	5839.9	5367.0	4913.4
-20°	8109.9	7845.6	7570.5	7265.9	6916.4	6539.2	6149.5	5760.5	5362.2	4950.5	4538.3



REPORT NUMBER: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-WAF-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7458.0	7226.7	6966.6	6678.5	6336.6	5982.6	5625.1	5257.8	4881.0	4526.6	4156.8
-25°	6759.1	6549.4	6293.7	6021.4	5719.4	5399.7	5086.4	4760.1	4435.8	4103.5	3775.6
-27.5°	6003.8	5809.1	5587.7	5349.1	5081.8	4822.2	4545.2	4264.0	4002.0	3708.9	3422.7
-30°	5229.5	5078.1	4888.0	4663.7	4477.7	4261.1	4009.9	3809.7	3582.8	3331.7	3098.5
-32.5°	4484.3	4362.3	4206.1	4056.8	3901.3	3728.4	3556.6	3370.9	3172.9	2994.0	2803.2
-35°	3812.3	3710.6	3625.4	3513.6	3368.2	3253.3	3121.0	2968.6	2817.2	2673.5	2520.5
-37.5°	3259.0	3168.4	3104.9	3021.8	2920.5	2813.3	2726.5	2621.9	2497.6	2382.9	2258.7
-40°	2784.3	2709.0	2662.8	2612.9	2543.7	2443.7	2388.9	2310.8	2225.4	2115.0	2015.2
-42.5°	2404.2	2368.7	2316.1	2284.6	2230.3	2162.4	2091.8	2047.0	1978.5	1892.5	1810.8
-45°	2113.9	2091.0	2045.8	2014.3	1974.4	1920.6	1848.9	1815.2	1763.5	1703.8	1626.5
-47.5°	1881.3	1864.6	1831.1	1789.8	1758.9	1712.4	1662.3	1614.7	1584.5	1533.3	1469.9
-50°	1688.5	1672.5	1642.7	1601.5	1573.3	1537.9	1498.2	1451.1	1422.3	1378.8	1326.1
-52.5°	1522.3	1501.9	1475.5	1441.4	1413.9	1389.4	1353.9	1310.6	1272.9	1243.0	1204.4
-55°	1365.5	1348.1	1330.4	1306.0	1276.1	1252.2	1218.9	1181.4	1150.3	1124.4	1091.4
-57.5°	1233.4	1217.8	1198.5	1175.3	1148.2	1124.7	1099.7	1070.6	1038.5	1014.4	983.6
-60°	1099.2	1082.6	1068.7	1051.2	1029.9	1008.4	988.0	963.1	933.7	909.8	882.9
-62.5°	974.3	960.8	949.1	935.2	918.0	899.0	880.7	859.9	835.5	810.7	788.2
-65°	856.5	847.1	836.9	824.8	810.6	794.5	778.7	761.2	741.5	719.4	698.4
-67.5°	742.9	734.5	725.9	716.9	707.0	695.8	683.3	668.2	651.7	633.8	616.1
-70°	634.6	626.6	619.8	614.5	608.6	601.0	591.1	579.4	566.0	551.9	536.2
-72.5°	533.3	527.7	523.3	520.4	515.5	509.3	502.1	493.9	484.3	473.2	458.6
-75°	439.7	436.9	433.8	431.5	427.7	422.3	416.4	410.4	402.6	393.2	381.2
-77.5°	353.8	351.8	349.3	347.1	343.5	338.4	332.6	328.0	322.8	315.5	306.4
-80°	273.9	272.9	271.1	269.4	267.0	263.6	259.6	255.1	249.0	242.1	235.3
-82.5°	202.1	200.6	198.8	197.3	195.1	192.2	188.6	185.2	181.2	176.8	171.9
-85°	129.2	128.8	128.0	126.7	125.3	123.7	122.1	120.6	118.7	116.4	113.8
-87.5°	57.4	57.1	56.8	58.2	59.4	60.3	61.0	60.3	59.3	58.2	56.8
-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: P559218 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-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°	43.3	42.1	40.8	39.3	38.4	37.2	35.8	34.0	31.0	28.0	24.8
85°	115.6	108.5	100.5	91.7	83.3	74.5	71.5	67.9	62.1	56.0	49.7
82.5°	215.7	205.2	194.3	182.2	168.8	154.7	139.8	123.8	104.3	85.6	74.4
80°	340.4	322.9	303.8	282.8	259.6	234.8	214.4	192.1	164.5	137.9	112.3
77.5°	482.5	452.9	420.9	393.5	365.1	334.4	301.3	264.1	224.1	189.7	156.6
75°	640.6	603.4	565.0	523.3	478.9	434.0	394.8	349.2	295.0	242.1	200.2
72.5°	837.5	779.7	720.2	659.0	605.8	551.0	494.7	433.0	369.3	307.1	246.6
70°	1048.3	968.6	893.9	820.2	743.6	668.0	602.5	526.2	442.6	371.0	301.5
67.5°	1272.6	1185.7	1090.7	986.3	894.1	804.5	712.7	620.3	526.7	433.8	355.3
65°	1527.5	1417.5	1298.8	1184.3	1062.1	942.4	839.7	717.8	609.0	506.4	407.9
62.5°	1807.6	1664.0	1534.9	1391.0	1248.0	1106.9	962.4	825.1	692.3	577.3	466.5
60°	2124.9	1967.6	1786.2	1625.1	1452.7	1279.7	1108.0	928.9	783.9	646.4	526.4
57.5°	2474.1	2289.1	2095.1	1882.0	1679.7	1475.0	1253.4	1047.5	872.3	721.4	584.0
55°	2839.1	2631.2	2412.1	2177.7	1927.8	1691.6	1406.2	1168.9	961.7	795.6	637.6
52.5°	3247.8	2999.2	2746.5	2482.2	2207.1	1901.9	1575.9	1283.4	1061.9	866.5	694.5
50°	3718.7	3407.9	3107.9	2804.2	2490.2	2123.0	1734.5	1420.2	1155.9	938.1	748.6
47.5°	4255.9	3878.6	3506.8	3142.3	2795.0	2328.4	1909.1	1550.8	1243.5	1014.4	799.0
45°	4812.0	4396.5	3946.2	3524.4	3042.6	2536.3	2079.2	1671.0	1349.4	1080.9	845.5
42.5°	5370.5	4920.7	4437.4	3910.1	3296.9	2733.3	2234.4	1806.2	1447.0	1141.9	894.3
40°	5990.6	5443.2	4927.3	4268.3	3528.0	2912.5	2394.2	1932.9	1534.8	1203.5	943.0
37.5°	6582.1	5976.8	5409.6	4541.7	3739.4	3095.9	2540.3	2046.3	1615.0	1270.0	987.4
35°	7134.1	6493.9	5652.7	4764.1	3949.3	3251.1	2669.5	2153.2	1700.3	1328.6	1027.1
32.5°	7637.6	6825.3	5839.0	4937.5	4115.7	3377.8	2786.8	2248.4	1773.3	1379.2	1062.3
30°	7980.9	6949.3	5967.0	5062.9	4239.8	3500.6	2882.3	2327.4	1834.0	1421.8	1095.0
27.5°	7999.0	7006.8	6035.4	5141.1	4325.1	3590.6	2954.8	2390.1	1882.4	1461.5	1128.9
25°	7936.3	6981.5	6045.5	5170.2	4370.4	3664.4	3010.4	2437.3	1927.0	1500.1	1156.6
22.5°	7789.6	6891.6	5999.9	5150.6	4420.0	3715.2	3056.5	2477.5	1963.0	1529.1	1178.2
20°	7604.4	6745.6	5923.3	5169.7	4445.0	3747.8	3091.1	2503.5	1986.4	1548.9	1193.7
17.5°	7377.5	6629.7	5910.4	5166.1	4444.9	3757.4	3106.7	2515.6	1997.4	1559.7	1203.5
15°	7273.1	6584.2	5871.7	5138.6	4420.5	3744.8	3103.9	2513.9	1996.7	1561.9	1210.3
12.5°	7189.2	6512.8	5808.8	5087.1	4372.4	3710.9	3083.4	2499.0	1984.7	1561.9	1215.3
10°	7083.1	6415.3	5721.7	5012.1	4301.7	3656.8	3045.9	2476.3	1978.7	1559.3	1215.6
7.5°	6953.8	6292.1	5610.7	4913.8	4216.6	3596.2	3007.5	2451.0	1966.2	1550.1	1211.4
5°	6803.7	6156.2	5491.4	4819.6	4151.8	3531.9	2956.8	2413.4	1945.3	1534.7	1202.9
2.5°	6641.4	6015.6	5357.9	4705.5	4070.1	3452.1	2892.4	2364.7	1916.4	1513.4	1190.3
0°	6453.1	5851.3	5201.8	4570.2	3971.4	3357.6	2815.4	2306.0	1879.9	1486.7	1173.8
-2.5°	6287.7	5670.7	5033.7	4423.3	3827.5	3244.4	2731.5	2246.9	1839.4	1460.4	1156.5
-5°	6095.3	5466.8	4845.9	4257.6	3668.5	3119.5	2637.5	2180.2	1792.5	1429.5	1135.9
-7.5°	5812.8	5217.6	4632.0	4071.4	3496.5	2984.6	2534.7	2106.7	1739.8	1394.3	1112.1
-10°	5494.5	4935.4	4389.5	3861.1	3329.4	2851.5	2426.3	2027.5	1681.9	1355.3	1085.5
-12.5°	5158.0	4638.0	4133.7	3640.6	3157.1	2720.3	2322.4	1949.7	1620.1	1312.7	1056.2
-15°	4805.7	4328.2	3866.6	3412.5	2979.1	2582.4	2213.5	1870.3	1559.4	1269.0	1024.5
-17.5°	4447.1	4008.1	3590.1	3179.3	2797.5	2439.1	2100.8	1786.9	1495.2	1225.4	992.8
-20°	4119.8	3709.1	3308.3	2943.4	2614.3	2291.6	1985.5	1700.1	1428.3	1179.3	960.7



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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°	3793.5	3433.1	3071.3	2724.2	2434.6	2141.0	1868.6	1610.5	1359.0	1131.3	926.3
-25°	3468.5	3158.9	2839.9	2542.0	2260.5	2001.1	1755.7	1518.9	1288.0	1081.5	889.9
-27.5°	3162.4	2891.4	2607.6	2359.3	2108.3	1863.4	1646.9	1431.9	1219.2	1030.4	851.5
-30°	2870.3	2636.0	2399.0	2180.6	1957.9	1743.4	1537.8	1345.1	1156.4	981.0	811.3
-32.5°	2600.5	2384.0	2200.1	2014.7	1819.5	1624.3	1436.7	1258.8	1093.3	931.7	773.9
-35°	2349.7	2168.6	2006.9	1854.2	1685.9	1516.2	1344.3	1173.3	1030.3	881.1	736.9
-37.5°	2111.0	1977.7	1839.2	1703.5	1553.1	1410.2	1257.0	1102.7	967.5	829.1	699.2
-40°	1914.6	1800.9	1685.2	1560.8	1435.2	1306.5	1169.5	1035.9	906.4	775.9	660.8
-42.5°	1727.5	1639.2	1539.5	1422.2	1325.7	1210.6	1083.4	967.8	847.3	728.1	621.9
-45°	1561.0	1486.0	1401.2	1313.2	1220.8	1115.8	1007.4	899.2	788.1	683.1	584.2
-47.5°	1404.2	1348.4	1279.4	1205.9	1120.6	1024.6	930.7	833.8	729.0	638.1	548.2
-50°	1272.0	1224.0	1168.5	1101.9	1022.4	941.1	855.3	768.6	679.2	593.7	511.5
-52.5°	1157.3	1111.5	1061.8	1000.4	932.8	857.4	785.7	704.7	628.6	550.7	474.1
-55°	1049.6	1004.7	959.2	906.7	846.0	783.1	717.0	648.0	577.1	507.9	436.6
-57.5°	947.9	904.2	865.1	817.9	767.0	712.1	652.5	590.6	527.9	464.4	403.2
-60°	850.1	814.5	776.0	737.2	692.9	642.9	589.6	534.1	478.9	421.5	369.4
-62.5°	760.3	728.1	696.2	661.1	620.3	575.3	527.1	480.0	429.4	382.9	335.1
-65°	675.8	649.3	619.0	585.7	548.6	509.2	468.6	425.4	384.7	343.7	300.7
-67.5°	595.3	570.8	541.3	510.6	481.1	448.1	410.2	375.6	341.0	304.2	266.7
-70°	516.6	492.7	468.2	444.8	418.1	388.0	357.9	327.7	297.0	266.4	232.5
-72.5°	440.8	422.0	402.3	381.0	358.0	333.2	306.5	280.3	255.8	228.4	198.1
-75°	366.9	352.6	337.2	320.0	299.9	278.4	257.7	236.5	214.7	190.4	167.6
-77.5°	296.1	284.9	272.8	260.3	244.9	228.4	210.9	192.6	174.9	157.3	138.4
-80°	229.2	222.1	213.9	204.3	191.7	178.3	165.6	152.7	139.1	124.5	109.0
-82.5°	167.2	162.2	156.6	149.8	141.3	132.4	123.3	113.9	103.2	91.7	80.4
-85°	110.5	106.6	102.1	97.0	91.8	86.4	81.1	75.5	68.3	61.1	53.7
-87.5°	54.8	52.6	50.3	47.8	45.6	43.2	40.6	37.8	34.2	30.6	26.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.6	18.2	14.7	11.2	7.5	3.7	0.0
85°	43.1	36.4	29.5	22.3	15.0	7.4	0.0
82.5°	64.6	54.5	44.1	33.5	22.5	11.1	0.0
80°	87.9	72.5	58.7	44.5	30.0	14.7	0.0
77.5°	124.8	94.6	73.2	55.5	37.3	18.4	0.0
75°	161.3	124.1	89.1	66.4	44.6	22.0	0.0
72.5°	197.2	153.1	111.6	77.2	51.8	25.5	0.0
70°	233.7	181.6	133.7	88.8	58.9	29.0	0.0
67.5°	278.5	209.4	155.3	104.6	65.9	32.4	0.0
65°	321.9	240.4	176.5	120.0	72.7	35.8	0.0
62.5°	363.9	274.2	197.1	135.0	79.4	39.1	0.0
60°	404.4	306.8	217.1	149.7	85.9	42.3	0.0
57.5°	450.2	338.1	241.1	163.8	95.1	45.5	0.0
55°	494.6	368.0	264.4	177.5	104.1	48.5	0.0
52.5°	536.7	397.4	286.6	190.7	112.7	51.5	0.0
50°	576.2	429.7	307.8	203.4	121.1	54.3	0.0
47.5°	614.0	459.9	327.9	216.1	129.2	57.1	0.0
45°	653.4	488.2	346.8	230.2	136.9	59.7	0.0
42.5°	689.7	514.4	364.5	243.5	144.2	62.2	0.0
40°	722.8	538.4	382.4	256.1	151.2	64.6	0.0
37.5°	752.7	560.3	400.3	268.1	157.9	66.9	0.0
35°	779.3	582.1	416.6	279.3	164.1	69.0	0.0
32.5°	804.9	602.6	431.4	289.7	169.9	71.0	0.0
30°	832.4	620.5	444.6	299.3	175.4	72.9	0.0
27.5°	856.1	636.0	457.1	308.1	180.4	74.6	0.0
25°	876.1	649.0	468.1	316.1	184.9	76.2	0.0
22.5°	892.5	660.4	477.6	323.2	189.0	77.6	0.0
20°	905.2	671.7	485.5	329.4	192.7	78.8	0.0
17.5°	916.6	681.0	491.9	334.8	196.0	80.0	0.0
15°	925.9	688.3	496.9	339.4	198.7	80.9	0.0
12.5°	931.5	693.7	500.3	343.0	201.0	81.7	0.0
10°	933.8	697.1	502.4	345.8	202.9	82.4	0.0
7.5°	932.8	698.5	503.1	347.8	204.3	82.9	0.0
5°	928.6	698.0	502.5	348.9	205.2	83.2	0.0
2.5°	921.6	695.5	500.6	349.2	205.6	83.4	0.0
0°	911.7	691.2	497.5	348.6	205.6	83.4	0.0
-2.5°	901.2	684.7	495.1	347.0	205.1	83.5	0.0
-5°	888.3	676.4	491.6	344.6	204.2	83.5	0.0
-7.5°	873.0	666.4	486.9	341.4	202.8	83.3	0.0
-10°	855.5	654.9	481.1	337.5	200.9	82.9	0.0
-12.5°	835.8	642.0	474.3	332.8	198.6	82.4	0.0
-15°	814.2	627.8	466.3	327.4	196.0	81.7	0.0
-17.5°	790.6	612.4	457.4	321.3	192.9	80.8	0.0
-20°	766.2	595.9	447.4	314.5	189.4	79.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	741.8	578.4	436.4	307.0	185.5	78.6	0.0
-25°	715.9	561.0	424.4	298.9	181.3	77.3	0.0
-27.5°	688.6	542.8	411.5	290.3	176.7	75.8	0.0
-30°	660.2	523.5	397.7	281.0	171.8	74.2	0.0
-32.5°	630.6	503.0	383.5	271.2	166.6	72.4	0.0
-35°	603.0	481.6	368.5	260.8	161.0	70.4	0.0
-37.5°	575.7	460.0	352.7	250.0	155.1	68.3	0.0
-40°	547.4	439.2	336.3	238.6	149.0	66.1	0.0
-42.5°	518.1	417.7	320.0	226.9	142.6	63.7	0.0
-45°	488.0	395.6	303.8	214.8	135.9	61.2	0.0
-47.5°	457.1	372.8	287.0	202.2	129.0	58.6	0.0
-50°	428.8	349.5	269.7	190.9	121.8	55.8	0.0
-52.5°	400.5	325.7	251.8	179.9	114.4	52.9	0.0
-55°	371.7	302.6	233.5	168.5	106.8	49.9	0.0
-57.5°	342.5	279.3	214.6	156.8	99.1	46.8	0.0
-60°	313.1	255.4	195.5	144.8	91.1	43.6	0.0
-62.5°	284.3	231.1	179.3	132.5	84.3	40.3	0.0
-65°	255.0	206.4	162.8	120.0	77.3	37.0	0.0
-67.5°	225.4	183.5	146.0	107.2	70.1	33.5	0.0
-70°	195.3	162.4	128.9	94.3	62.8	30.0	0.0
-72.5°	169.5	141.1	111.7	82.6	55.3	26.4	0.0
-75°	144.0	119.6	94.2	71.0	47.6	22.7	0.0
-77.5°	118.4	97.9	78.4	59.4	39.9	19.0	0.0
-80°	92.5	77.7	62.9	47.6	32.0	15.2	0.0
-82.5°	69.3	58.4	47.2	35.8	24.1	11.5	0.0
-85°	46.2	39.0	31.5	23.9	16.1	7.7	0.0
-87.5°	23.1	19.5	15.8	12.0	8.0	3.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)