

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: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-WAF-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558898 (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-SA4B-935-U-WAF-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

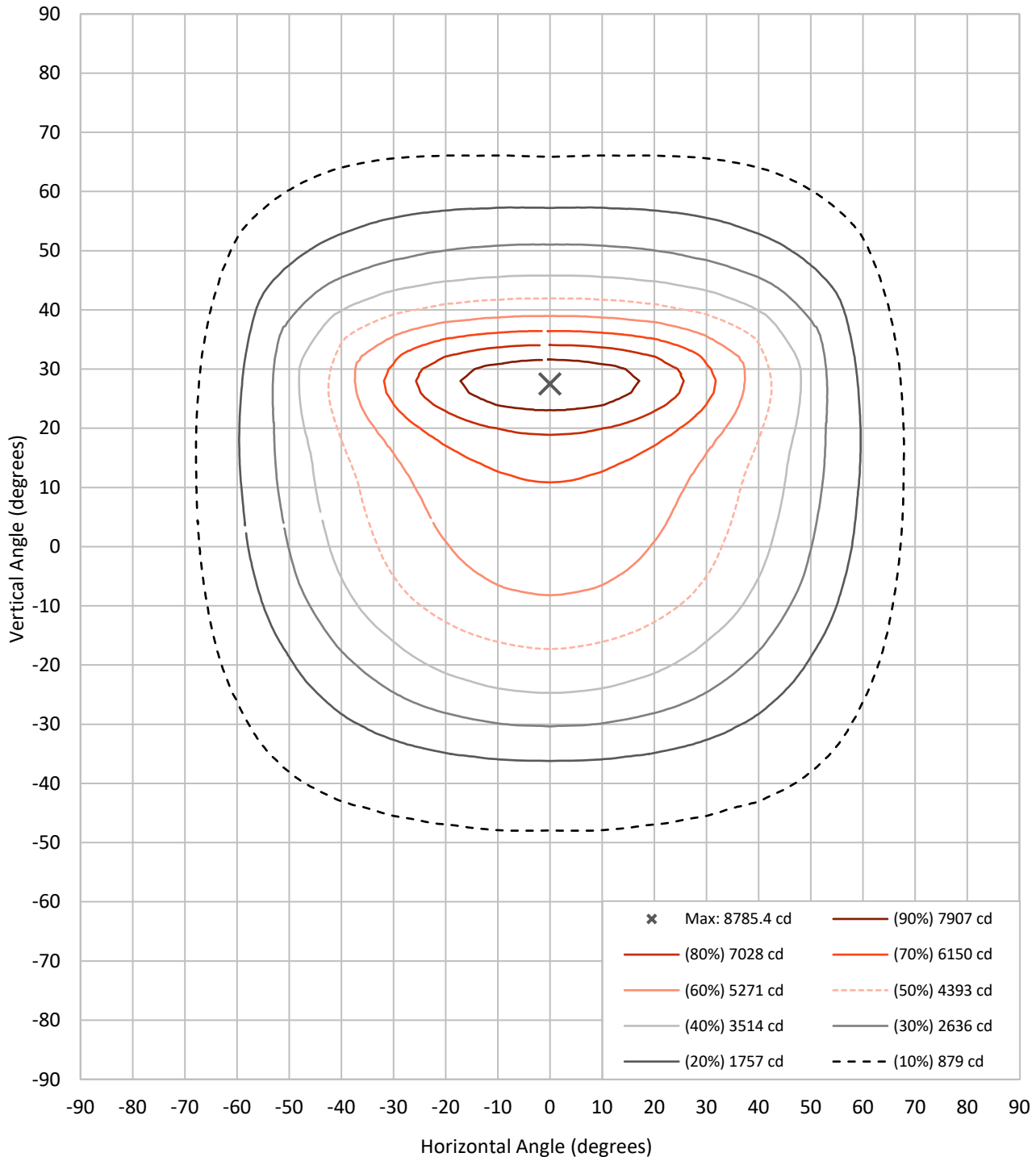
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12807.6 lumens	Max Intensity:	8785.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6656.1 lumens	Field Lumens:	11848.2 lumens
Beam Efficiency:	52.0%	Field Efficiency:	92.5%
Input Watts (W):	126		
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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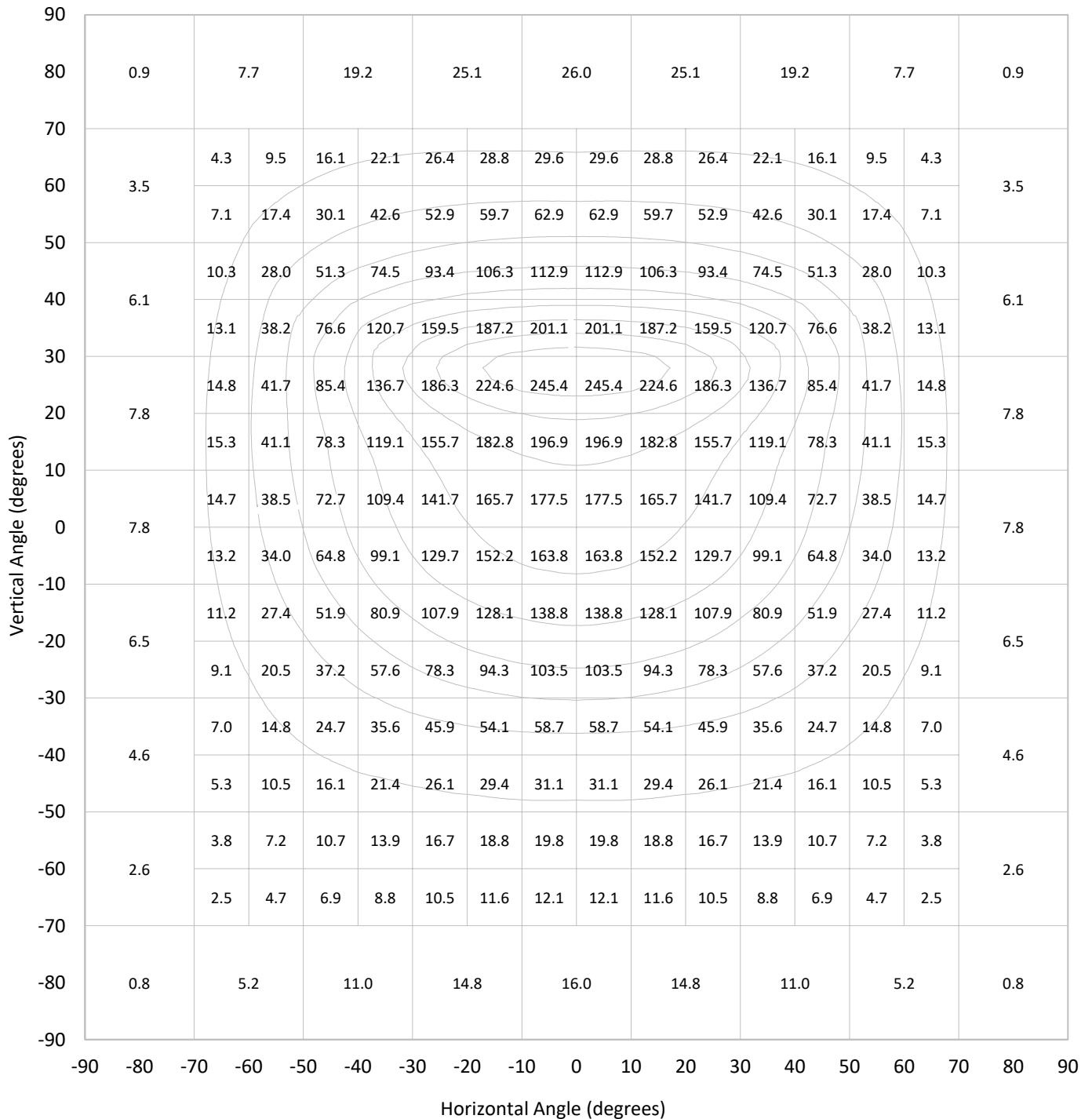
### Iso-Candela Plot





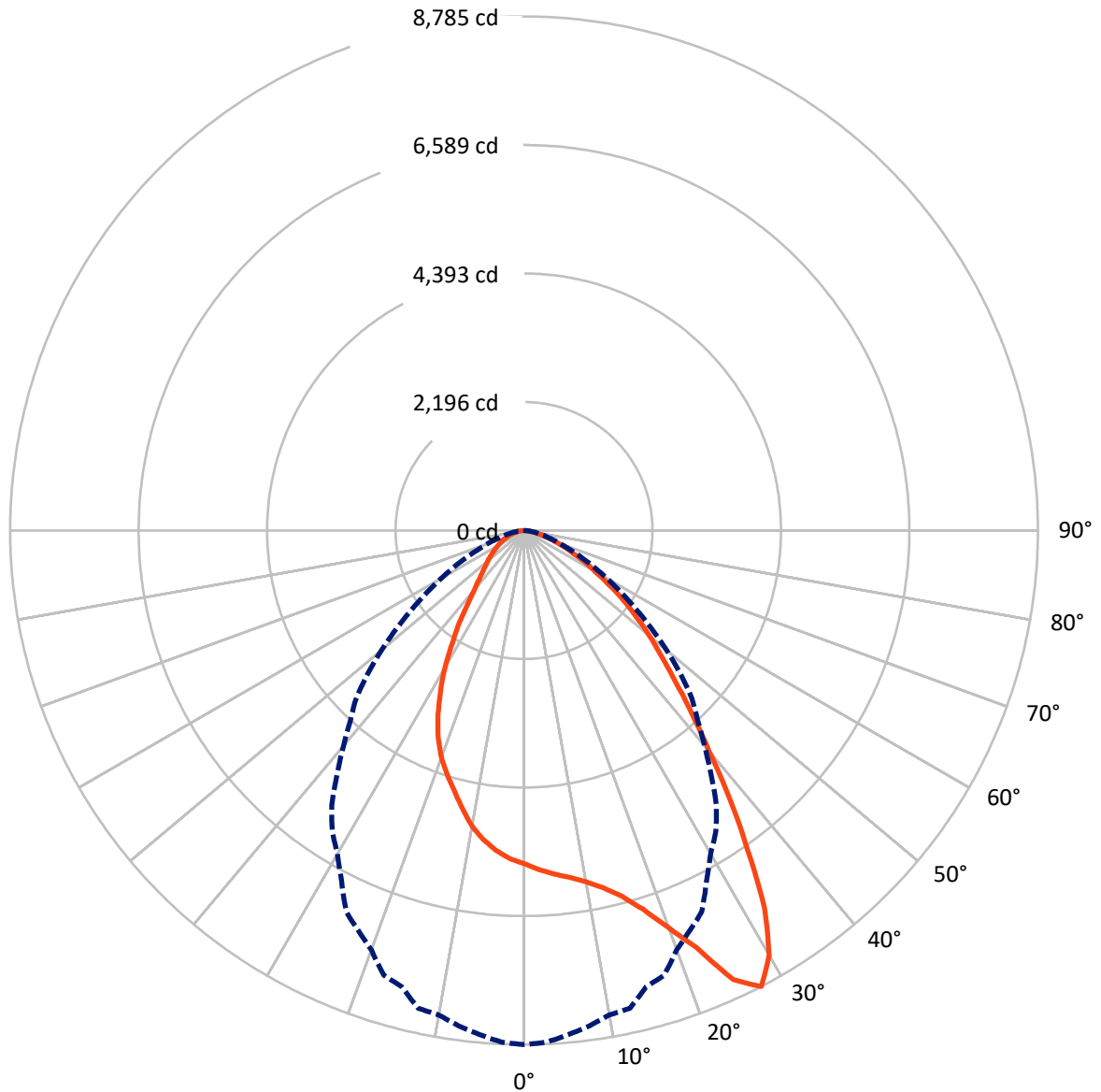
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 CATALOG NUMBER: GFLD-SA4B-935-U-WAF-XX

### Lumen Table



REPORT NUMBER: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4B-935-U-WAF-XX

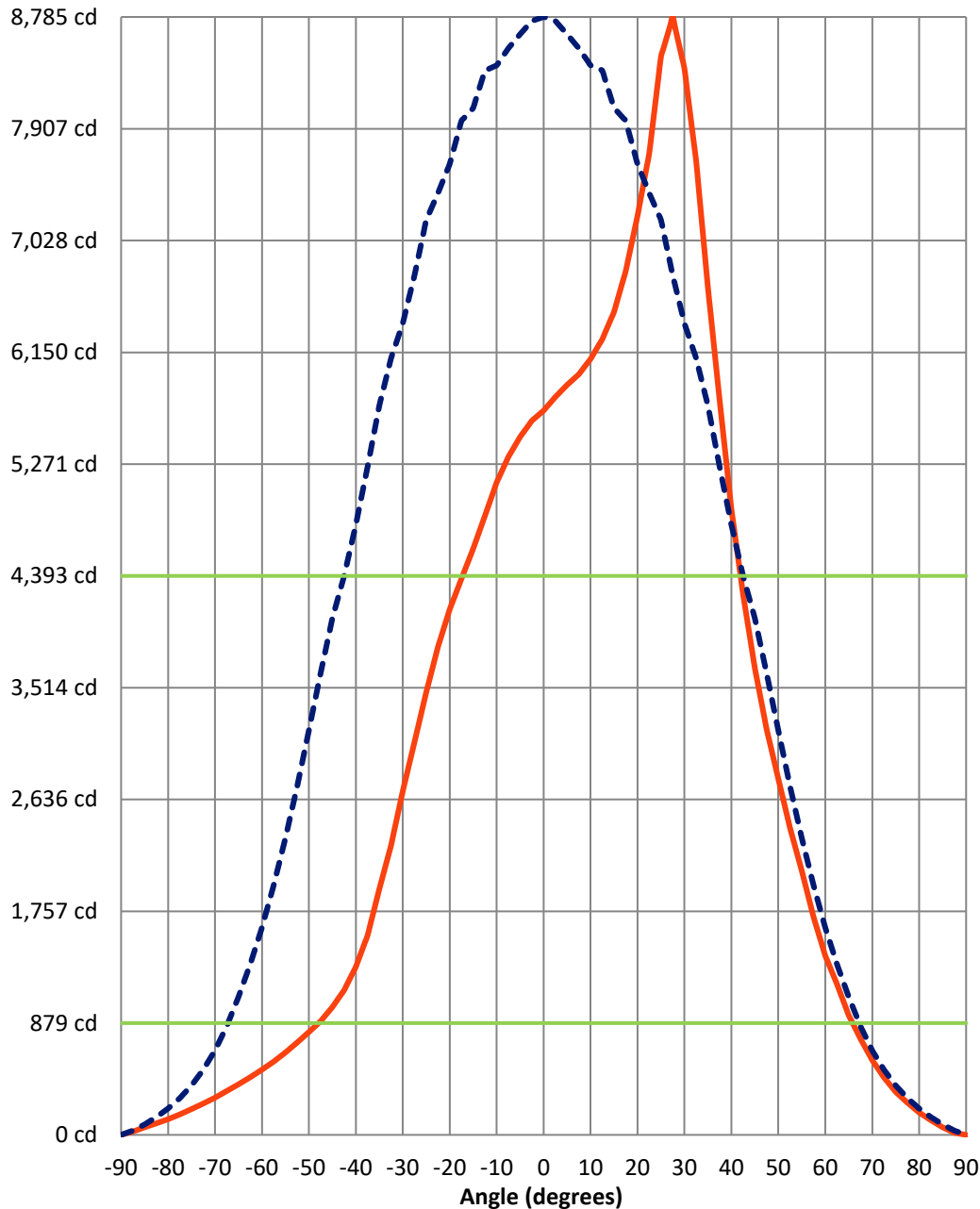
### Luminous Intensity Polar Plot



— 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: 6656.1  
 Efficiency: 52.0%

**Field:**  
 H Angle: 134.5°  
 V Angle: 113.8°  
 Lumens: 11848.2  
 Efficiency: 92.5%

**Spill:**  
 Lumens: 959.5  
 Efficiency: 7.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.7	3.4	5.1	6.7	8.3	9.8	11.3	12.7	14.1	15.4
85°	0.0	3.4	6.8	10.1	13.4	16.5	19.5	22.5	25.4	28.2	30.8
82.5°	0.0	5.0	10.2	15.2	20.0	24.7	29.3	33.7	38.8	47.3	56.2
80°	0.0	6.7	13.6	20.2	26.6	32.9	39.8	50.9	62.6	74.6	87.1
77.5°	0.0	8.3	16.9	25.2	33.2	42.9	56.6	71.0	86.0	101.6	119.8
75°	0.0	10.0	20.2	30.1	40.4	56.3	73.2	90.8	109.9	133.8	158.4
72.5°	0.0	11.6	23.5	35.0	50.6	69.4	89.5	111.9	139.3	167.5	196.4
70°	0.0	13.1	26.7	40.3	60.6	82.4	106.1	136.8	168.3	200.7	238.7
67.5°	0.0	14.7	29.9	47.4	70.5	95.0	126.3	161.2	196.7	238.9	281.4
65°	0.0	16.2	33.0	54.4	80.1	109.1	146.0	185.0	229.7	276.2	325.6
62.5°	0.0	17.7	36.0	61.2	89.4	124.4	165.1	211.5	261.9	314.0	374.3
60°	0.0	19.2	39.0	67.9	98.5	139.1	183.4	238.8	293.2	355.6	421.3
57.5°	0.0	20.6	43.1	74.3	109.3	153.3	204.2	264.9	327.2	395.7	475.2
55°	0.0	22.0	47.2	80.5	119.9	166.9	224.3	289.2	360.9	436.2	530.2
52.5°	0.0	23.3	51.1	86.5	130.0	180.3	243.4	315.0	393.1	481.7	582.2
50°	0.0	24.6	54.9	92.2	139.6	194.9	261.4	339.6	425.5	524.4	644.3
47.5°	0.0	25.9	58.6	98.0	148.7	208.6	278.5	362.4	460.2	564.1	703.5
45°	0.0	27.1	62.1	104.4	157.3	221.4	296.4	383.5	490.3	612.1	758.0
42.5°	0.0	28.2	65.4	110.4	165.3	233.3	312.8	405.6	518.0	656.4	819.3
40°	0.0	29.3	68.6	116.2	173.5	244.2	327.9	427.8	545.9	696.2	876.8
37.5°	0.0	30.3	71.6	121.6	181.6	254.1	341.4	447.9	576.1	732.6	928.2
35°	0.0	31.3	74.4	126.7	189.0	264.0	353.5	465.9	602.7	771.3	976.7
32.5°	0.0	32.2	77.0	131.4	195.7	273.3	365.1	481.9	625.7	804.4	1019.9
30°	0.0	33.0	79.5	135.8	201.7	281.5	377.5	496.7	645.0	831.9	1055.7
27.5°	0.0	33.8	81.8	139.8	207.3	288.5	388.3	512.1	663.0	853.9	1084.1
25°	0.0	34.5	83.8	143.4	212.4	294.4	397.4	524.7	680.5	874.1	1105.5
22.5°	0.0	35.2	85.7	146.6	216.7	299.5	404.8	534.5	693.6	890.4	1123.8
20°	0.0	35.7	87.4	149.4	220.3	304.7	410.6	541.5	702.6	901.0	1135.6
17.5°	0.0	36.3	88.8	151.9	223.2	308.9	415.8	546.0	707.5	906.0	1141.1
15°	0.0	36.7	90.1	153.9	225.4	312.2	420.0	549.0	708.5	905.7	1140.3
12.5°	0.0	37.1	91.1	155.6	227.0	314.6	422.5	551.3	708.5	900.3	1133.6
10°	0.0	37.3	92.0	156.9	227.9	316.2	423.6	551.4	707.3	897.6	1123.3
7.5°	0.0	37.6	92.6	157.7	228.2	316.8	423.1	549.5	703.1	891.9	1111.8
5°	0.0	37.7	93.0	158.2	228.0	316.6	421.2	545.6	696.1	882.4	1094.7
2.5°	0.0	37.8	93.2	158.4	227.1	315.5	418.0	539.9	686.4	869.3	1072.6
0°	0.0	37.8	93.2	158.1	225.7	313.5	413.5	532.4	674.3	852.7	1046.0
-2.5°	0.0	37.9	93.0	157.4	224.6	310.5	408.8	524.6	662.4	834.3	1019.2
-5°	0.0	37.8	92.5	156.3	223.0	306.8	402.9	515.2	648.4	813.0	988.9
-7.5°	0.0	37.7	91.9	154.9	220.9	302.3	396.0	504.5	632.4	789.1	955.6
-10°	0.0	37.6	91.1	153.1	218.2	297.0	388.0	492.4	614.7	762.8	919.6
-12.5°	0.0	37.3	90.1	150.9	215.1	291.2	379.1	479.1	595.4	734.8	884.4
-15°	0.0	37.0	88.8	148.5	211.5	284.7	369.3	464.7	575.6	707.3	848.3
-17.5°	0.0	36.6	87.4	145.7	207.5	277.8	358.6	450.4	555.8	678.2	810.5
-20°	0.0	36.2	85.9	142.6	202.9	270.3	347.5	435.8	535.0	647.8	771.1



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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	35.6	84.1	139.2	197.9	262.4	336.4	420.2	513.2	616.4	730.5
-25°	0.0	35.0	82.2	135.6	192.5	254.4	324.7	403.6	490.6	584.2	689.0
-27.5°	0.0	34.4	80.1	131.6	186.6	246.2	312.3	386.2	467.4	553.0	649.5
-30°	0.0	33.6	77.9	127.4	180.4	237.4	299.4	368.0	445.0	524.6	610.2
-32.5°	0.0	32.8	75.5	123.0	173.9	228.2	286.0	351.0	422.6	495.9	571.0
-35°	0.0	31.9	73.0	118.3	167.1	218.4	273.5	334.3	399.6	467.3	532.2
-37.5°	0.0	31.0	70.3	113.4	160.0	208.6	261.1	317.1	376.1	438.9	500.2
-40°	0.0	30.0	67.5	108.2	152.6	199.2	248.3	299.7	352.0	411.1	469.9
-42.5°	0.0	28.9	64.6	102.9	145.2	189.5	235.0	282.1	330.3	384.3	439.0
-45°	0.0	27.7	61.6	97.4	137.8	179.4	221.4	265.0	309.9	357.5	407.9
-47.5°	0.0	26.6	58.5	91.7	130.2	169.1	207.3	248.7	289.5	330.7	378.2
-50°	0.0	25.3	55.2	86.6	122.3	158.5	194.5	232.0	269.4	308.1	348.7
-52.5°	0.0	24.0	51.9	81.6	114.2	147.7	181.7	215.1	249.8	285.2	319.7
-55°	0.0	22.6	48.4	76.4	105.9	137.3	168.6	198.0	230.4	261.8	294.0
-57.5°	0.0	21.2	44.9	71.1	97.3	126.7	155.4	182.9	210.7	239.5	267.9
-60°	0.0	19.8	41.3	65.6	88.7	115.8	142.0	167.6	191.2	217.3	242.3
-62.5°	0.0	18.3	38.2	60.1	81.3	104.8	129.0	152.0	173.7	194.8	217.7
-65°	0.0	16.8	35.1	54.4	73.8	93.6	115.7	136.4	155.9	174.5	193.0
-67.5°	0.0	15.2	31.8	48.6	66.2	83.2	102.2	121.0	138.0	154.7	170.4
-70°	0.0	13.6	28.5	42.7	58.5	73.7	88.6	105.5	120.8	134.7	148.6
-72.5°	0.0	12.0	25.1	37.4	50.6	64.0	76.9	89.8	103.6	116.0	127.1
-75°	0.0	10.3	21.6	32.2	42.7	54.2	65.3	76.0	86.3	97.4	107.2
-77.5°	0.0	8.6	18.1	26.9	35.5	44.3	53.7	62.7	71.3	79.3	87.4
-80°	0.0	6.9	14.5	21.6	28.5	35.2	41.9	49.4	56.4	63.1	69.2
-82.5°	0.0	5.2	10.9	16.2	21.4	26.5	31.4	36.4	41.5	46.7	51.6
-85°	0.0	3.5	7.3	10.8	14.3	17.7	20.9	24.3	27.7	31.0	34.2
-87.5°	0.0	1.7	3.7	5.4	7.2	8.8	10.5	12.2	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





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 CATALOG NUMBER: GFLD-SA4B-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°	16.2	16.9	17.4	17.8	18.5	19.1	19.6	20.1	20.4	20.7	20.9
85°	32.5	33.8	37.8	41.6	45.6	49.2	52.4	55.2	57.5	59.4	60.9
82.5°	63.4	70.2	76.6	82.6	88.1	93.1	97.8	103.2	107.6	111.3	114.3
80°	97.2	106.5	117.7	128.3	137.8	146.5	154.4	161.6	167.1	172.7	178.1
77.5°	136.7	151.7	165.6	178.4	190.9	205.4	218.8	231.1	240.6	247.8	253.3
75°	179.1	196.9	217.2	237.3	256.2	273.7	290.6	311.1	327.9	340.6	350.6
72.5°	224.4	249.9	274.8	298.9	326.7	353.7	379.9	405.2	427.5	443.8	457.0
70°	273.3	303.0	337.3	372.0	405.4	439.3	475.5	508.4	535.6	554.8	573.2
67.5°	323.3	364.9	405.5	447.3	494.7	537.8	577.2	618.9	655.6	679.7	700.9
65°	380.9	427.5	481.7	537.2	589.1	643.0	692.9	738.0	784.3	817.9	845.5
62.5°	436.5	502.1	566.1	630.9	696.3	754.9	820.0	878.0	924.5	972.7	1013.9
60°	502.6	580.5	659.0	737.2	810.3	892.5	963.9	1031.4	1093.6	1147.3	1198.0
57.5°	568.5	669.1	761.9	853.7	950.4	1038.3	1122.3	1197.9	1272.3	1334.4	1395.3
55°	637.9	767.3	874.5	987.8	1094.1	1193.5	1287.8	1382.5	1461.8	1547.4	1621.8
52.5°	714.9	862.7	1001.2	1125.9	1245.8	1360.5	1473.2	1587.2	1698.6	1787.3	1871.4
50°	786.8	963.0	1129.6	1272.0	1409.8	1545.9	1686.8	1829.3	1952.0	2053.5	2141.1
47.5°	866.0	1056.2	1267.8	1425.4	1590.7	1759.3	1930.5	2087.8	2221.5	2359.5	2456.2
45°	943.1	1150.5	1380.1	1598.7	1790.0	1994.3	2182.7	2356.3	2550.1	2700.8	2830.1
42.5°	1013.6	1239.8	1495.5	1773.6	2012.8	2232.0	2436.0	2680.3	2902.8	3079.1	3240.3
40°	1086.0	1321.1	1600.3	1936.1	2235.0	2469.0	2717.3	2987.3	3276.9	3493.8	3686.5
37.5°	1152.3	1404.3	1696.2	2060.1	2453.8	2711.0	2985.6	3278.5	3608.7	3934.8	4166.6
35°	1210.9	1474.7	1791.4	2161.0	2564.0	2945.6	3236.0	3547.9	3909.3	4332.5	4649.0
32.5°	1264.0	1532.2	1866.9	2239.7	2648.6	3095.9	3464.4	3784.6	4147.2	4583.9	5121.3
30°	1307.4	1587.9	1923.1	2296.5	2706.6	3152.2	3620.1	3968.9	4313.1	4741.6	5241.8
27.5°	1340.3	1628.7	1961.9	2332.0	2737.6	3178.3	3628.4	4058.7	4391.8	4795.1	5250.0
25°	1365.5	1662.1	1982.4	2345.2	2742.2	3166.8	3599.9	4007.2	4381.1	4736.6	5144.9
22.5°	1386.4	1685.2	2004.9	2336.3	2721.5	3126.1	3533.4	3921.7	4283.6	4616.4	4967.6
20°	1402.1	1700.0	2016.3	2345.0	2686.8	3059.8	3449.4	3818.9	4168.5	4490.8	4776.6
17.5°	1409.2	1704.4	2016.2	2343.3	2681.0	3007.3	3346.4	3701.6	4045.3	4365.5	4647.9
15°	1407.9	1698.7	2005.1	2330.9	2663.4	2986.6	3299.1	3592.1	3912.2	4235.9	4517.2
12.5°	1398.6	1683.3	1983.3	2307.5	2634.8	2954.2	3261.0	3555.3	3842.2	4113.4	4382.4
10°	1381.6	1658.7	1951.2	2273.5	2595.3	2910.0	3212.9	3508.1	3792.1	4058.3	4308.7
7.5°	1364.2	1631.2	1912.7	2228.9	2545.0	2854.1	3154.3	3450.0	3728.5	3994.1	4247.0
5°	1341.2	1602.1	1883.2	2186.2	2490.8	2792.4	3086.2	3380.4	3651.5	3919.5	4173.5
2.5°	1312.0	1565.9	1846.2	2134.4	2430.3	2728.7	3012.5	3301.3	3579.3	3836.9	4087.1
0°	1277.1	1523.0	1801.4	2073.0	2359.5	2654.1	2927.1	3209.6	3498.8	3742.0	3986.6
-2.5°	1239.1	1471.7	1736.1	2006.4	2283.3	2572.2	2852.1	3119.9	3402.7	3648.6	3898.4
-5°	1196.4	1415.0	1664.0	1931.3	2198.1	2479.7	2764.9	3019.5	3289.6	3532.8	3778.5
-7.5°	1149.8	1353.8	1586.0	1846.8	2101.0	2366.7	2636.7	2881.7	3144.3	3384.8	3624.1
-10°	1100.6	1293.4	1510.2	1751.4	1991.0	2238.7	2492.3	2732.2	2984.7	3224.2	3454.5
-12.5°	1053.4	1233.9	1432.1	1651.4	1875.0	2103.8	2339.7	2571.3	2810.8	3051.5	3266.7
-15°	1004.0	1171.4	1351.3	1547.9	1753.9	1963.2	2179.9	2399.0	2623.9	2859.3	3058.2
-17.5°	952.9	1106.4	1269.0	1442.2	1628.5	1818.0	2017.2	2228.7	2434.5	2649.0	2841.3
-20°	900.6	1039.5	1185.9	1335.1	1500.7	1682.4	1868.8	2058.6	2245.5	2432.3	2612.9



REPORT NUMBER: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	847.6	971.2	1104.3	1235.7	1393.1	1557.3	1720.7	1885.5	2053.2	2214.0	2384.9
-25°	796.4	907.7	1025.4	1153.0	1288.2	1432.9	1573.4	1712.6	1861.3	2012.1	2159.2
-27.5°	747.0	845.2	956.3	1070.2	1182.8	1311.6	1434.5	1552.5	1682.3	1815.3	1934.2
-30°	697.6	790.8	888.1	989.1	1088.2	1195.7	1302.0	1405.5	1511.3	1625.1	1728.1
-32.5°	651.7	736.8	825.3	913.9	998.0	1081.3	1179.6	1271.6	1358.1	1439.2	1529.0
-35°	609.8	687.8	764.7	841.1	910.4	983.7	1065.8	1143.3	1212.7	1277.9	1346.6
-37.5°	570.2	639.7	704.4	772.7	834.3	897.1	957.5	1024.6	1080.9	1132.9	1189.3
-40°	530.5	592.7	651.0	708.0	764.4	816.9	868.5	914.1	959.4	1009.4	1048.1
-42.5°	491.5	549.2	601.4	645.1	698.3	743.5	783.6	821.4	858.4	897.5	928.5
-45°	457.0	506.1	553.8	595.6	635.5	674.1	708.1	737.8	772.9	799.9	823.4
-47.5°	422.1	464.8	508.3	547.0	580.3	611.6	636.9	666.8	695.5	718.8	732.4
-50°	387.9	426.9	463.8	499.8	530.0	555.2	577.0	601.5	625.4	645.2	658.2
-52.5°	356.4	388.9	423.1	453.8	481.6	504.1	524.9	546.3	563.8	577.4	594.5
-55°	325.2	355.2	383.7	411.3	435.1	455.7	476.1	495.0	510.0	521.8	535.9
-57.5°	296.0	323.0	347.9	371.0	392.4	410.1	429.9	446.1	460.1	471.1	485.6
-60°	267.5	291.6	314.3	334.4	352.0	369.5	385.6	400.5	412.6	423.5	436.9
-62.5°	239.1	261.0	281.3	299.8	315.8	330.3	344.9	357.5	367.7	379.0	390.0
-65°	212.5	231.0	248.8	265.7	280.7	294.5	306.6	316.8	326.3	336.3	345.3
-67.5°	186.0	203.2	218.2	231.6	245.5	258.9	270.0	279.5	287.5	295.6	303.1
-70°	162.3	176.0	189.7	201.8	212.4	223.5	234.3	243.2	250.4	256.8	262.8
-72.5°	139.0	151.1	162.4	172.8	182.5	191.4	199.9	208.0	214.6	219.7	224.0
-75°	116.9	126.3	136.0	145.2	153.0	159.9	166.5	172.9	178.3	182.6	186.1
-77.5°	95.6	103.6	111.0	118.0	123.7	129.2	134.3	139.0	143.1	146.4	148.8
-80°	75.1	80.8	86.9	92.6	97.0	100.7	103.9	106.7	109.8	113.0	115.7
-82.5°	55.9	60.0	64.0	67.9	71.0	73.6	75.8	78.0	80.2	82.2	84.0
-85°	36.8	39.1	41.6	44.0	46.3	48.3	50.1	51.6	52.8	53.9	54.7
-87.5°	18.4	19.6	20.7	21.7	22.8	23.9	24.9	25.8	26.4	26.9	27.4
-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-SA4B-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°	21.1	21.1	21.1	21.0	20.8	20.0	19.1	18.1	17.0	17.5	18.0
85°	61.9	62.2	62.0	61.4	60.4	60.3	60.1	59.7	59.2	60.1	60.9
82.5°	116.6	117.5	117.6	117.0	115.9	116.4	116.6	116.3	115.6	116.5	117.0
80°	182.3	184.0	184.1	182.8	180.3	180.7	180.8	180.3	179.1	179.4	179.3
77.5°	259.6	263.6	265.0	264.4	262.0	261.2	259.5	255.9	250.7	250.6	250.8
75°	358.3	362.4	364.5	364.4	362.0	360.4	358.1	354.1	348.3	348.1	348.1
72.5°	467.2	473.2	475.9	478.3	478.3	477.4	474.5	468.4	459.5	458.4	459.5
70°	587.5	597.6	604.0	609.0	612.9	613.7	611.8	606.8	599.0	597.0	596.3
67.5°	721.5	737.6	749.9	758.0	765.7	771.2	773.3	771.1	764.8	762.7	763.5
65°	871.6	896.6	917.2	932.6	942.9	950.3	956.7	960.5	961.4	963.7	966.6
62.5°	1047.0	1077.7	1106.3	1125.9	1136.0	1143.1	1163.7	1175.5	1178.9	1179.6	1184.2
60°	1242.9	1281.6	1317.4	1346.1	1369.4	1386.9	1404.5	1416.0	1420.4	1421.2	1427.5
57.5°	1457.1	1505.7	1547.5	1592.1	1623.1	1641.0	1664.5	1688.6	1701.2	1704.9	1719.7
55°	1694.0	1760.4	1814.7	1862.3	1905.6	1943.7	1975.9	2000.8	2019.2	2030.3	2050.0
52.5°	1956.0	2034.0	2090.8	2146.7	2208.8	2252.7	2281.3	2327.3	2360.6	2378.9	2402.4
50°	2243.6	2330.6	2408.0	2466.6	2538.9	2598.7	2642.3	2685.9	2716.4	2733.8	2756.5
47.5°	2571.1	2678.2	2768.0	2822.4	2906.3	2976.8	3005.2	3038.1	3095.5	3123.1	3147.4
45°	2939.8	3076.4	3176.2	3261.2	3333.4	3412.4	3464.2	3501.6	3558.2	3586.6	3604.5
42.5°	3378.5	3530.5	3662.0	3764.0	3824.7	3927.2	4002.0	4023.1	4103.2	4157.6	4173.6
40°	3870.5	4039.0	4212.4	4328.8	4426.4	4530.5	4653.9	4722.7	4790.5	4843.8	4855.8
37.5°	4383.3	4608.8	4806.7	4956.8	5118.3	5271.9	5402.7	5474.1	5518.5	5620.5	5658.6
35°	4904.5	5137.2	5414.4	5647.8	5843.4	6033.2	6182.4	6299.9	6411.8	6503.6	6558.6
32.5°	5348.4	5598.8	5941.1	6290.5	6501.7	6707.1	6952.2	7086.7	7236.0	7357.0	7445.4
30°	5713.1	5951.2	6262.8	6701.3	6990.5	7198.7	7508.9	7694.9	7857.5	8062.5	8133.8
27.5°	5730.4	6102.6	6378.1	6755.7	7189.8	7401.1	7630.7	7968.6	8071.1	8363.4	8405.6
25°	5580.0	5970.7	6253.9	6569.1	6930.0	7187.1	7396.7	7677.7	7824.8	8012.9	8157.3
22.5°	5344.7	5689.1	5978.0	6245.3	6526.9	6760.9	6952.6	7150.1	7311.6	7457.4	7592.9
20°	5084.9	5411.8	5685.8	5915.6	6138.8	6355.8	6528.2	6694.1	6833.7	6958.9	7036.0
17.5°	4901.9	5137.1	5417.0	5652.5	5846.0	6016.3	6194.6	6333.4	6456.0	6568.6	6639.1
15°	4777.0	5000.6	5199.9	5416.0	5619.9	5782.2	5916.5	6059.8	6165.6	6262.6	6339.0
12.5°	4647.3	4877.8	5086.3	5266.2	5425.9	5603.2	5746.7	5859.4	5970.5	6046.7	6125.1
10°	4539.0	4754.7	4971.0	5161.0	5328.9	5475.0	5610.9	5737.3	5837.0	5922.4	5984.2
7.5°	4476.2	4687.6	4882.0	5064.3	5228.0	5383.8	5523.9	5639.7	5738.5	5827.0	5891.7
5°	4403.2	4612.6	4806.7	4993.0	5150.2	5299.8	5439.4	5558.6	5660.8	5739.6	5801.6
2.5°	4319.7	4526.2	4719.8	4909.2	5066.3	5210.6	5342.7	5459.0	5565.5	5640.5	5693.3
0°	4224.5	4431.2	4620.4	4798.8	4956.9	5112.3	5234.0	5351.5	5455.6	5529.9	5582.6
-2.5°	4128.4	4333.9	4529.8	4700.7	4857.6	5001.1	5130.6	5241.6	5341.0	5415.0	5461.3
-5°	4000.7	4205.0	4398.3	4570.5	4734.4	4878.5	5004.3	5117.3	5213.0	5293.7	5356.5
-7.5°	3846.2	4052.7	4245.8	4421.7	4584.8	4720.9	4841.8	4955.5	5057.7	5145.9	5223.1
-10°	3676.2	3880.5	4062.9	4227.6	4379.7	4518.0	4646.6	4759.0	4852.7	4939.0	5004.0
-12.5°	3478.3	3667.4	3845.9	4008.2	4156.8	4295.4	4417.7	4524.8	4619.0	4695.5	4754.1
-15°	3259.9	3439.4	3608.4	3774.4	3930.0	4066.4	4174.0	4286.9	4368.6	4442.8	4495.6
-17.5°	3026.2	3199.8	3377.6	3543.9	3687.6	3822.2	3940.6	4043.7	4129.4	4197.5	4257.0
-20°	2789.4	2966.2	3137.3	3295.8	3434.0	3558.8	3678.6	3777.7	3865.6	3939.6	4009.4



REPORT NUMBER: P558898 (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°	2551.5	2713.7	2874.2	3029.4	3160.1	3278.1	3383.0	3477.7	3555.3	3642.6	3704.3
-25°	2307.2	2449.3	2594.3	2731.3	2854.9	2970.8	3065.9	3149.0	3229.9	3314.2	3374.3
-27.5°	2061.7	2187.3	2305.1	2426.3	2534.6	2635.0	2723.3	2796.0	2874.5	2930.8	2996.9
-30°	1818.9	1932.8	2031.1	2115.5	2217.2	2303.4	2372.1	2444.3	2509.2	2563.0	2618.6
-32.5°	1613.3	1691.2	1769.7	1840.2	1907.9	1978.8	2034.1	2097.1	2141.6	2187.9	2232.9
-35°	1415.7	1475.7	1527.9	1593.8	1644.5	1683.1	1729.3	1775.5	1793.3	1843.6	1870.5
-37.5°	1236.7	1276.2	1324.8	1370.7	1408.4	1437.2	1478.3	1502.5	1515.3	1547.9	1565.3
-40°	1083.6	1108.4	1153.8	1185.2	1207.9	1228.8	1263.0	1278.7	1296.1	1312.3	1312.8
-42.5°	948.8	980.9	1011.6	1036.3	1050.6	1074.4	1090.6	1092.3	1114.9	1129.3	1131.5
-45°	838.6	871.2	895.6	913.7	927.9	948.5	958.9	964.6	983.0	992.8	997.1
-47.5°	754.0	776.7	797.9	811.8	830.5	845.8	853.4	863.1	877.2	886.1	892.6
-50°	679.6	697.6	713.7	726.5	745.1	758.6	765.9	777.8	788.4	794.9	799.9
-52.5°	614.2	630.2	641.4	653.8	669.3	681.3	690.5	702.3	711.1	716.8	721.3
-55°	552.9	568.0	578.8	592.4	603.5	611.5	619.4	630.9	639.5	645.3	649.2
-57.5°	498.8	510.1	520.8	533.1	543.6	552.4	559.4	565.8	571.5	576.3	580.0
-60°	448.2	457.4	467.2	476.8	484.7	491.0	498.6	504.4	508.0	510.3	513.4
-62.5°	399.5	407.8	416.5	424.2	430.5	435.8	441.9	446.7	450.1	452.5	454.3
-65°	353.2	360.4	367.7	374.1	379.6	384.2	388.5	391.9	394.2	396.3	397.9
-67.5°	309.9	315.6	320.7	325.2	329.3	333.2	336.9	339.5	340.9	342.6	344.2
-70°	268.1	272.6	276.0	278.7	281.1	284.2	287.9	290.4	291.9	293.5	295.0
-72.5°	227.8	231.0	233.8	236.1	237.4	239.4	241.9	244.0	245.5	246.7	247.3
-75°	188.9	191.5	194.0	195.7	196.7	198.2	199.4	200.1	200.2	200.8	201.1
-77.5°	150.9	153.5	155.8	157.4	158.4	159.6	160.5	161.0	161.1	161.2	160.9
-80°	117.8	119.6	121.1	122.2	123.0	123.8	124.3	124.3	124.1	124.3	124.4
-82.5°	85.6	87.2	88.5	89.5	90.2	91.0	91.6	92.1	92.3	92.5	92.4
-85°	55.4	56.1	56.8	57.5	58.1	58.4	58.6	58.7	58.5	58.6	58.5
-87.5°	27.7	27.4	26.9	26.4	25.7	25.9	26.0	26.1	26.1	26.4	26.6
-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: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	18.4	18.8	17.5	16.2	17.5	18.8	18.4	18.0	17.5	17.0	18.1
85°	61.5	61.9	60.8	59.5	60.8	61.9	61.5	60.9	60.1	59.2	59.7
82.5°	117.2	117.0	116.1	114.9	116.1	117.0	117.2	117.0	116.5	115.6	116.3
80°	178.7	177.5	176.8	175.7	176.8	177.5	178.7	179.3	179.4	179.1	180.3
77.5°	250.1	248.8	251.0	252.7	251.0	248.8	250.1	250.8	250.6	250.7	255.9
75°	346.8	344.1	341.5	337.8	341.5	344.1	346.8	348.1	348.1	348.3	354.1
72.5°	459.0	456.9	454.9	451.4	454.9	456.9	459.0	459.5	458.4	459.5	468.4
70°	592.8	586.5	587.5	587.9	587.5	586.5	592.8	596.3	597.0	599.0	606.8
67.5°	761.1	755.4	756.1	755.4	756.1	755.4	761.1	763.5	762.7	764.8	771.1
65°	964.8	958.4	950.6	939.2	950.6	958.4	964.8	966.6	963.7	961.4	960.5
62.5°	1183.6	1177.9	1181.2	1183.8	1181.2	1177.9	1183.6	1184.2	1179.6	1178.9	1175.5
60°	1426.5	1418.6	1414.6	1408.2	1414.6	1418.6	1426.5	1427.5	1421.2	1420.4	1416.0
57.5°	1726.5	1725.1	1721.6	1712.2	1721.6	1725.1	1726.5	1719.7	1704.9	1701.2	1688.6
55°	2059.2	2057.3	2065.0	2074.4	2065.0	2057.3	2059.2	2050.0	2030.3	2019.2	2000.8
52.5°	2419.7	2425.8	2423.6	2410.9	2423.6	2425.8	2419.7	2402.4	2378.9	2360.6	2327.3
50°	2776.5	2783.4	2790.7	2797.4	2790.7	2783.4	2776.5	2756.5	2733.8	2716.4	2685.9
47.5°	3181.0	3199.0	3202.1	3189.3	3202.1	3199.0	3181.0	3147.4	3123.1	3095.5	3038.1
45°	3640.4	3651.3	3656.8	3667.7	3656.8	3651.3	3640.4	3604.5	3586.6	3558.2	3501.6
42.5°	4219.7	4232.3	4234.3	4246.1	4234.3	4232.3	4219.7	4173.6	4157.6	4103.2	4023.1
40°	4907.3	4927.7	4924.2	4919.1	4924.2	4927.7	4907.3	4855.8	4843.8	4790.5	4722.7
37.5°	5712.2	5746.8	5750.4	5771.8	5750.4	5746.8	5712.2	5658.6	5620.5	5518.5	5474.1
35°	6615.5	6656.2	6649.2	6659.7	6649.2	6656.2	6615.5	6558.6	6503.6	6411.8	6299.9
32.5°	7526.7	7587.8	7600.1	7651.6	7600.1	7587.8	7526.7	7445.4	7357.0	7236.0	7086.7
30°	8242.6	8328.3	8384.2	8380.0	8384.2	8328.3	8242.6	8133.8	8062.5	7857.5	7694.9
27.5°	8539.2	8650.2	8754.1	8785.4	8754.1	8650.2	8539.2	8405.6	8363.4	8071.1	7968.6
25°	8249.8	8330.9	8422.7	8471.9	8422.7	8330.9	8249.8	8157.3	8012.9	7824.8	7677.7
22.5°	7655.3	7708.0	7739.3	7713.8	7739.3	7708.0	7655.3	7592.9	7457.4	7311.6	7150.1
20°	7115.8	7182.5	7195.0	7221.9	7195.0	7182.5	7115.8	7036.0	6958.9	6833.7	6694.1
17.5°	6714.3	6757.9	6783.6	6789.4	6783.6	6757.9	6714.3	6639.1	6568.6	6456.0	6333.4
15°	6399.5	6434.6	6457.6	6467.8	6457.6	6434.6	6399.5	6339.0	6262.6	6165.6	6059.8
12.5°	6176.5	6219.2	6240.2	6252.9	6240.2	6219.2	6176.5	6125.1	6046.7	5970.5	5859.4
10°	6033.5	6074.8	6091.4	6097.5	6091.4	6074.8	6033.5	5984.2	5922.4	5837.0	5737.3
7.5°	5930.8	5957.3	5968.5	5977.2	5968.5	5957.3	5930.8	5891.7	5827.0	5738.5	5639.7
5°	5848.0	5869.1	5880.9	5893.4	5880.9	5869.1	5848.0	5801.6	5739.6	5660.8	5558.6
2.5°	5735.2	5765.3	5786.2	5798.8	5786.2	5765.3	5735.2	5693.3	5640.5	5565.5	5459.0
0°	5624.5	5652.9	5667.7	5692.1	5667.7	5652.9	5624.5	5582.6	5529.9	5455.6	5351.5
-2.5°	5502.7	5535.6	5574.6	5612.3	5574.6	5535.6	5502.7	5461.3	5415.0	5341.0	5241.6
-5°	5409.6	5453.0	5461.2	5485.3	5461.2	5453.0	5409.6	5356.5	5293.7	5213.0	5117.3
-7.5°	5269.1	5288.9	5322.6	5328.5	5322.6	5288.9	5269.1	5223.1	5145.9	5057.7	4955.5
-10°	5052.5	5084.8	5105.8	5127.2	5105.8	5084.8	5052.5	5004.0	4939.0	4852.7	4759.0
-12.5°	4798.2	4836.0	4869.8	4865.0	4869.8	4836.0	4798.2	4754.1	4695.5	4619.0	4524.8
-15°	4550.3	4586.8	4610.0	4606.9	4610.0	4586.8	4550.3	4495.6	4442.8	4368.6	4286.9
-17.5°	4304.3	4337.6	4371.2	4370.4	4371.2	4337.6	4304.3	4257.0	4197.5	4129.4	4043.7
-20°	4050.2	4078.8	4114.8	4129.9	4114.8	4078.8	4050.2	4009.4	3939.6	3865.6	3777.7



REPORT NUMBER: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	3756.5	3793.0	3819.2	3835.3	3819.2	3793.0	3756.5	3704.3	3642.6	3555.3	3477.7
-25°	3414.1	3451.6	3471.5	3478.5	3471.5	3451.6	3414.1	3374.3	3314.2	3229.9	3149.0
-27.5°	3035.8	3077.9	3098.3	3087.9	3098.3	3077.9	3035.8	2996.9	2930.8	2874.5	2796.0
-30°	2647.9	2674.8	2678.0	2701.4	2678.0	2674.8	2647.9	2618.6	2563.0	2509.2	2444.3
-32.5°	2265.1	2283.2	2273.0	2274.4	2273.0	2283.2	2265.1	2232.9	2187.9	2141.6	2097.1
-35°	1887.2	1901.6	1904.5	1931.1	1904.5	1901.6	1887.2	1870.5	1843.6	1793.3	1775.5
-37.5°	1583.4	1589.2	1580.3	1567.6	1580.3	1589.2	1583.4	1565.3	1547.9	1515.3	1502.5
-40°	1325.7	1330.2	1326.9	1320.3	1326.9	1330.2	1325.7	1312.8	1312.3	1296.1	1278.7
-42.5°	1140.3	1140.4	1137.3	1136.5	1137.3	1140.4	1140.3	1131.5	1129.3	1114.9	1092.3
-45°	1003.4	1004.8	1004.6	1004.1	1004.6	1004.8	1003.4	997.1	992.8	983.0	964.6
-47.5°	897.1	897.4	896.0	893.3	896.0	897.4	897.1	892.6	886.1	877.2	863.1
-50°	803.0	803.0	804.9	808.1	804.9	803.0	803.0	799.9	794.9	788.4	777.8
-52.5°	723.6	723.4	724.4	725.7	724.4	723.4	723.6	721.3	716.8	711.1	702.3
-55°	650.9	650.5	649.5	647.3	649.5	650.5	650.9	649.2	645.3	639.5	630.9
-57.5°	581.4	580.6	578.8	575.7	578.8	580.6	581.4	580.0	576.3	571.5	565.8
-60°	515.1	515.4	514.5	512.2	514.5	515.4	515.1	513.4	510.3	508.0	504.4
-62.5°	454.7	453.8	453.6	452.7	453.6	453.8	454.7	454.3	452.5	450.1	446.7
-65°	398.2	397.2	397.5	397.3	397.5	397.2	398.2	397.9	396.3	394.2	391.9
-67.5°	344.9	344.6	344.9	344.6	344.9	344.6	344.9	344.2	342.6	340.9	339.5
-70°	295.8	295.9	294.4	291.9	294.4	295.9	295.8	295.0	293.5	291.9	290.4
-72.5°	247.1	246.3	246.4	246.0	246.4	246.3	247.1	247.3	246.7	245.5	244.0
-75°	201.1	200.5	201.8	202.7	201.8	200.5	201.1	201.1	200.8	200.2	200.1
-77.5°	160.1	158.9	160.0	160.8	160.0	158.9	160.1	160.9	161.2	161.1	161.0
-80°	124.3	123.8	123.5	123.0	123.5	123.8	124.3	124.4	124.3	124.1	124.3
-82.5°	92.0	91.5	91.1	90.5	91.1	91.5	92.0	92.4	92.5	92.3	92.1
-85°	58.2	57.9	58.7	59.5	58.7	57.9	58.2	58.5	58.6	58.5	58.7
-87.5°	26.8	26.9	26.3	25.7	26.3	26.9	26.8	26.6	26.4	26.1	26.1
-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: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-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°	19.1	20.0	20.8	21.0	21.1	21.1	21.1	20.9	20.7	20.4	20.1
85°	60.1	60.3	60.4	61.4	62.0	62.2	61.9	60.9	59.4	57.5	55.2
82.5°	116.6	116.4	115.9	117.0	117.6	117.5	116.6	114.3	111.3	107.6	103.2
80°	180.8	180.7	180.3	182.8	184.1	184.0	182.3	178.1	172.7	167.1	161.6
77.5°	259.5	261.2	262.0	264.4	265.0	263.6	259.6	253.3	247.8	240.6	231.1
75°	358.1	360.4	362.0	364.4	364.5	362.4	358.3	350.6	340.6	327.9	311.1
72.5°	474.5	477.4	478.3	478.3	475.9	473.2	467.2	457.0	443.8	427.5	405.2
70°	611.8	613.7	612.9	609.0	604.0	597.6	587.5	573.2	554.8	535.6	508.4
67.5°	773.3	771.2	765.7	758.0	749.9	737.6	721.5	700.9	679.7	655.6	618.9
65°	956.7	950.3	942.9	932.6	917.2	896.6	871.6	845.5	817.9	784.3	738.0
62.5°	1163.7	1143.1	1136.0	1125.9	1106.3	1077.7	1047.0	1013.9	972.7	924.5	878.0
60°	1404.5	1386.9	1369.4	1346.1	1317.4	1281.6	1242.9	1198.0	1147.3	1093.6	1031.4
57.5°	1664.5	1641.0	1623.1	1592.1	1547.5	1505.7	1457.1	1395.3	1334.4	1272.3	1197.9
55°	1975.9	1943.7	1905.6	1862.3	1814.7	1760.4	1694.0	1621.8	1547.4	1461.8	1382.5
52.5°	2281.3	2252.7	2208.8	2146.7	2090.8	2034.0	1956.0	1871.4	1787.3	1698.6	1587.2
50°	2642.3	2598.7	2538.9	2466.6	2408.0	2330.6	2243.6	2141.1	2053.5	1952.0	1829.3
47.5°	3005.2	2976.8	2906.3	2822.4	2768.0	2678.2	2571.1	2456.2	2359.5	2221.5	2087.8
45°	3464.2	3412.4	3333.4	3261.2	3176.2	3076.4	2939.8	2830.1	2700.8	2550.1	2356.3
42.5°	4002.0	3927.2	3824.7	3764.0	3662.0	3530.5	3378.5	3240.3	3079.1	2902.8	2680.3
40°	4653.9	4530.5	4426.4	4328.8	4212.4	4039.0	3870.5	3686.5	3493.8	3276.9	2987.3
37.5°	5402.7	5271.9	5118.3	4956.8	4806.7	4608.8	4383.3	4166.6	3934.8	3608.7	3278.5
35°	6182.4	6033.2	5843.4	5647.8	5414.4	5137.2	4904.5	4649.0	4332.5	3909.3	3547.9
32.5°	6952.2	6707.1	6501.7	6290.5	5941.1	5598.8	5348.4	5121.3	4583.9	4147.2	3784.6
30°	7508.9	7198.7	6990.5	6701.3	6262.8	5951.2	5713.1	5241.8	4741.6	4313.1	3968.9
27.5°	7630.7	7401.1	7189.8	6755.7	6378.1	6102.6	5730.4	5250.0	4795.1	4391.8	4058.7
25°	7396.7	7187.1	6930.0	6569.1	6253.9	5970.7	5580.0	5144.9	4736.6	4381.1	4007.2
22.5°	6952.6	6760.9	6526.9	6245.3	5978.0	5689.1	5344.7	4967.6	4616.4	4283.6	3921.7
20°	6528.2	6355.8	6138.8	5915.6	5685.8	5411.8	5084.9	4776.6	4490.8	4168.5	3818.9
17.5°	6194.6	6016.3	5846.0	5652.5	5417.0	5137.1	4901.9	4647.9	4365.5	4045.3	3701.6
15°	5916.5	5782.2	5619.9	5416.0	5199.9	5000.6	4777.0	4517.2	4235.9	3912.2	3592.1
12.5°	5746.7	5603.2	5425.9	5266.2	5086.3	4877.8	4647.3	4382.4	4113.4	3842.2	3555.3
10°	5610.9	5475.0	5328.9	5161.0	4971.0	4754.7	4539.0	4308.7	4058.3	3792.1	3508.1
7.5°	5523.9	5383.8	5228.0	5064.3	4882.0	4687.6	4476.2	4247.0	3994.1	3728.5	3450.0
5°	5439.4	5299.8	5150.2	4993.0	4806.7	4612.6	4403.2	4173.5	3919.5	3651.5	3380.4
2.5°	5342.7	5210.6	5066.3	4909.2	4719.8	4526.2	4319.7	4087.1	3836.9	3579.3	3301.3
0°	5234.0	5112.3	4956.9	4798.8	4620.4	4431.2	4224.5	3986.6	3742.0	3498.8	3209.6
-2.5°	5130.6	5001.1	4857.6	4700.7	4529.8	4333.9	4128.4	3898.4	3648.6	3402.7	3119.9
-5°	5004.3	4878.5	4734.4	4570.5	4398.3	4205.0	4000.7	3778.5	3532.8	3289.6	3019.5
-7.5°	4841.8	4720.9	4584.8	4421.7	4245.8	4052.7	3846.2	3624.1	3384.8	3144.3	2881.7
-10°	4646.6	4518.0	4379.7	4227.6	4062.9	3880.5	3676.2	3454.5	3224.2	2984.7	2732.2
-12.5°	4417.7	4295.4	4156.8	4008.2	3845.9	3667.4	3478.3	3266.7	3051.5	2810.8	2571.3
-15°	4174.0	4066.4	3930.0	3774.4	3608.4	3439.4	3259.9	3058.2	2859.3	2623.9	2399.0
-17.5°	3940.6	3822.2	3687.6	3543.9	3377.6	3199.8	3026.2	2841.3	2649.0	2434.5	2228.7
-20°	3678.6	3558.8	3434.0	3295.8	3137.3	2966.2	2789.4	2612.9	2432.3	2245.5	2058.6



REPORT NUMBER: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	3383.0	3278.1	3160.1	3029.4	2874.2	2713.7	2551.5	2384.9	2214.0	2053.2	1885.5
-25°	3065.9	2970.8	2854.9	2731.3	2594.3	2449.3	2307.2	2159.2	2012.1	1861.3	1712.6
-27.5°	2723.3	2635.0	2534.6	2426.3	2305.1	2187.3	2061.7	1934.2	1815.3	1682.3	1552.5
-30°	2372.1	2303.4	2217.2	2115.5	2031.1	1932.8	1818.9	1728.1	1625.1	1511.3	1405.5
-32.5°	2034.1	1978.8	1907.9	1840.2	1769.7	1691.2	1613.3	1529.0	1439.2	1358.1	1271.6
-35°	1729.3	1683.1	1644.5	1593.8	1527.9	1475.7	1415.7	1346.6	1277.9	1212.7	1143.3
-37.5°	1478.3	1437.2	1408.4	1370.7	1324.8	1276.2	1236.7	1189.3	1132.9	1080.9	1024.6
-40°	1263.0	1228.8	1207.9	1185.2	1153.8	1108.4	1083.6	1048.1	1009.4	959.4	914.1
-42.5°	1090.6	1074.4	1050.6	1036.3	1011.6	980.9	948.8	928.5	897.5	858.4	821.4
-45°	958.9	948.5	927.9	913.7	895.6	871.2	838.6	823.4	799.9	772.9	737.8
-47.5°	853.4	845.8	830.5	811.8	797.9	776.7	754.0	732.4	718.8	695.5	666.8
-50°	765.9	758.6	745.1	726.5	713.7	697.6	679.6	658.2	645.2	625.4	601.5
-52.5°	690.5	681.3	669.3	653.8	641.4	630.2	614.2	594.5	577.4	563.8	546.3
-55°	619.4	611.5	603.5	592.4	578.8	568.0	552.9	535.9	521.8	510.0	495.0
-57.5°	559.4	552.4	543.6	533.1	520.8	510.1	498.8	485.6	471.1	460.1	446.1
-60°	498.6	491.0	484.7	476.8	467.2	457.4	448.2	436.9	423.5	412.6	400.5
-62.5°	441.9	435.8	430.5	424.2	416.5	407.8	399.5	390.0	379.0	367.7	357.5
-65°	388.5	384.2	379.6	374.1	367.7	360.4	353.2	345.3	336.3	326.3	316.8
-67.5°	336.9	333.2	329.3	325.2	320.7	315.6	309.9	303.1	295.6	287.5	279.5
-70°	287.9	284.2	281.1	278.7	276.0	272.6	268.1	262.8	256.8	250.4	243.2
-72.5°	241.9	239.4	237.4	236.1	233.8	231.0	227.8	224.0	219.7	214.6	208.0
-75°	199.4	198.2	196.7	195.7	194.0	191.5	188.9	186.1	182.6	178.3	172.9
-77.5°	160.5	159.6	158.4	157.4	155.8	153.5	150.9	148.8	146.4	143.1	139.0
-80°	124.3	123.8	123.0	122.2	121.1	119.6	117.8	115.7	113.0	109.8	106.7
-82.5°	91.6	91.0	90.2	89.5	88.5	87.2	85.6	84.0	82.2	80.2	78.0
-85°	58.6	58.4	58.1	57.5	56.8	56.1	55.4	54.7	53.9	52.8	51.6
-87.5°	26.0	25.9	25.7	26.4	26.9	27.4	27.7	27.4	26.9	26.4	25.8
-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: P558898 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-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°	19.6	19.1	18.5	17.8	17.4	16.9	16.2	15.4	14.1	12.7	11.3
85°	52.4	49.2	45.6	41.6	37.8	33.8	32.5	30.8	28.2	25.4	22.5
82.5°	97.8	93.1	88.1	82.6	76.6	70.2	63.4	56.2	47.3	38.8	33.7
80°	154.4	146.5	137.8	128.3	117.7	106.5	97.2	87.1	74.6	62.6	50.9
77.5°	218.8	205.4	190.9	178.4	165.6	151.7	136.7	119.8	101.6	86.0	71.0
75°	290.6	273.7	256.2	237.3	217.2	196.9	179.1	158.4	133.8	109.9	90.8
72.5°	379.9	353.7	326.7	298.9	274.8	249.9	224.4	196.4	167.5	139.3	111.9
70°	475.5	439.3	405.4	372.0	337.3	303.0	273.3	238.7	200.7	168.3	136.8
67.5°	577.2	537.8	494.7	447.3	405.5	364.9	323.3	281.4	238.9	196.7	161.2
65°	692.9	643.0	589.1	537.2	481.7	427.5	380.9	325.6	276.2	229.7	185.0
62.5°	820.0	754.9	696.3	630.9	566.1	502.1	436.5	374.3	314.0	261.9	211.5
60°	963.9	892.5	810.3	737.2	659.0	580.5	502.6	421.3	355.6	293.2	238.8
57.5°	1122.3	1038.3	950.4	853.7	761.9	669.1	568.5	475.2	395.7	327.2	264.9
55°	1287.8	1193.5	1094.1	987.8	874.5	767.3	637.9	530.2	436.2	360.9	289.2
52.5°	1473.2	1360.5	1245.8	1125.9	1001.2	862.7	714.9	582.2	481.7	393.1	315.0
50°	1686.8	1545.9	1409.8	1272.0	1129.6	963.0	786.8	644.3	524.4	425.5	339.6
47.5°	1930.5	1759.3	1590.7	1425.4	1267.8	1056.2	866.0	703.5	564.1	460.2	362.4
45°	2182.7	1994.3	1790.0	1598.7	1380.1	1150.5	943.1	758.0	612.1	490.3	383.5
42.5°	2436.0	2232.0	2012.8	1773.6	1495.5	1239.8	1013.6	819.3	656.4	518.0	405.6
40°	2717.3	2469.0	2235.0	1936.1	1600.3	1321.1	1086.0	876.8	696.2	545.9	427.8
37.5°	2985.6	2711.0	2453.8	2060.1	1696.2	1404.3	1152.3	928.2	732.6	576.1	447.9
35°	3236.0	2945.6	2564.0	2161.0	1791.4	1474.7	1210.9	976.7	771.3	602.7	465.9
32.5°	3464.4	3095.9	2648.6	2239.7	1866.9	1532.2	1264.0	1019.9	804.4	625.7	481.9
30°	3620.1	3152.2	2706.6	2296.5	1923.1	1587.9	1307.4	1055.7	831.9	645.0	496.7
27.5°	3628.4	3178.3	2737.6	2332.0	1961.9	1628.7	1340.3	1084.1	853.9	663.0	512.1
25°	3599.9	3166.8	2742.2	2345.2	1982.4	1662.1	1365.5	1105.5	874.1	680.5	524.7
22.5°	3533.4	3126.1	2721.5	2336.3	2004.9	1685.2	1386.4	1123.8	890.4	693.6	534.5
20°	3449.4	3059.8	2686.8	2345.0	2016.3	1700.0	1402.1	1135.6	901.0	702.6	541.5
17.5°	3346.4	3007.3	2681.0	2343.3	2016.2	1704.4	1409.2	1141.1	906.0	707.5	546.0
15°	3299.1	2986.6	2663.4	2330.9	2005.1	1698.7	1407.9	1140.3	905.7	708.5	549.0
12.5°	3261.0	2954.2	2634.8	2307.5	1983.3	1683.3	1398.6	1133.6	900.3	708.5	551.3
10°	3212.9	2910.0	2595.3	2273.5	1951.2	1658.7	1381.6	1123.3	897.6	707.3	551.4
7.5°	3154.3	2854.1	2545.0	2228.9	1912.7	1631.2	1364.2	1111.8	891.9	703.1	549.5
5°	3086.2	2792.4	2490.8	2186.2	1883.2	1602.1	1341.2	1094.7	882.4	696.1	545.6
2.5°	3012.5	2728.7	2430.3	2134.4	1846.2	1565.9	1312.0	1072.6	869.3	686.4	539.9
0°	2927.1	2654.1	2359.5	2073.0	1801.4	1523.0	1277.1	1046.0	852.7	674.3	532.4
-2.5°	2852.1	2572.2	2283.3	2006.4	1736.1	1471.7	1239.1	1019.2	834.3	662.4	524.6
-5°	2764.9	2479.7	2198.1	1931.3	1664.0	1415.0	1196.4	988.9	813.0	648.4	515.2
-7.5°	2636.7	2366.7	2101.0	1846.8	1586.0	1353.8	1149.8	955.6	789.1	632.4	504.5
-10°	2492.3	2238.7	1991.0	1751.4	1510.2	1293.4	1100.6	919.6	762.8	614.7	492.4
-12.5°	2339.7	2103.8	1875.0	1651.4	1432.1	1233.9	1053.4	884.4	734.8	595.4	479.1
-15°	2179.9	1963.2	1753.9	1547.9	1351.3	1171.4	1004.0	848.3	707.3	575.6	464.7
-17.5°	2017.2	1818.0	1628.5	1442.2	1269.0	1106.4	952.9	810.5	678.2	555.8	450.4
-20°	1868.8	1682.4	1500.7	1335.1	1185.9	1039.5	900.6	771.1	647.8	535.0	435.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1720.7	1557.3	1393.1	1235.7	1104.3	971.2	847.6	730.5	616.4	513.2	420.2
-25°	1573.4	1432.9	1288.2	1153.0	1025.4	907.7	796.4	689.0	584.2	490.6	403.6
-27.5°	1434.5	1311.6	1182.8	1070.2	956.3	845.2	747.0	649.5	553.0	467.4	386.2
-30°	1302.0	1195.7	1088.2	989.1	888.1	790.8	697.6	610.2	524.6	445.0	368.0
-32.5°	1179.6	1081.3	998.0	913.9	825.3	736.8	651.7	571.0	495.9	422.6	351.0
-35°	1065.8	983.7	910.4	841.1	764.7	687.8	609.8	532.2	467.3	399.6	334.3
-37.5°	957.5	897.1	834.3	772.7	704.4	639.7	570.2	500.2	438.9	376.1	317.1
-40°	868.5	816.9	764.4	708.0	651.0	592.7	530.5	469.9	411.1	352.0	299.7
-42.5°	783.6	743.5	698.3	645.1	601.4	549.2	491.5	439.0	384.3	330.3	282.1
-45°	708.1	674.1	635.5	595.6	553.8	506.1	457.0	407.9	357.5	309.9	265.0
-47.5°	636.9	611.6	580.3	547.0	508.3	464.8	422.1	378.2	330.7	289.5	248.7
-50°	577.0	555.2	530.0	499.8	463.8	426.9	387.9	348.7	308.1	269.4	232.0
-52.5°	524.9	504.1	481.6	453.8	423.1	388.9	356.4	319.7	285.2	249.8	215.1
-55°	476.1	455.7	435.1	411.3	383.7	355.2	325.2	294.0	261.8	230.4	198.0
-57.5°	429.9	410.1	392.4	371.0	347.9	323.0	296.0	267.9	239.5	210.7	182.9
-60°	385.6	369.5	352.0	334.4	314.3	291.6	267.5	242.3	217.3	191.2	167.6
-62.5°	344.9	330.3	315.8	299.8	281.3	261.0	239.1	217.7	194.8	173.7	152.0
-65°	306.6	294.5	280.7	265.7	248.8	231.0	212.5	193.0	174.5	155.9	136.4
-67.5°	270.0	258.9	245.5	231.6	218.2	203.2	186.0	170.4	154.7	138.0	121.0
-70°	234.3	223.5	212.4	201.8	189.7	176.0	162.3	148.6	134.7	120.8	105.5
-72.5°	199.9	191.4	182.5	172.8	162.4	151.1	139.0	127.1	116.0	103.6	89.8
-75°	166.5	159.9	153.0	145.2	136.0	126.3	116.9	107.2	97.4	86.3	76.0
-77.5°	134.3	129.2	123.7	118.0	111.0	103.6	95.6	87.4	79.3	71.3	62.7
-80°	103.9	100.7	97.0	92.6	86.9	80.8	75.1	69.2	63.1	56.4	49.4
-82.5°	75.8	73.6	71.0	67.9	64.0	60.0	55.9	51.6	46.7	41.5	36.4
-85°	50.1	48.3	46.3	44.0	41.6	39.1	36.8	34.2	31.0	27.7	24.3
-87.5°	24.9	23.9	22.8	21.7	20.7	19.6	18.4	17.1	15.5	13.8	12.2
-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°	9.8	8.3	6.7	5.1	3.4	1.7	0.0
85°	19.5	16.5	13.4	10.1	6.8	3.4	0.0
82.5°	29.3	24.7	20.0	15.2	10.2	5.0	0.0
80°	39.8	32.9	26.6	20.2	13.6	6.7	0.0
77.5°	56.6	42.9	33.2	25.2	16.9	8.3	0.0
75°	73.2	56.3	40.4	30.1	20.2	10.0	0.0
72.5°	89.5	69.4	50.6	35.0	23.5	11.6	0.0
70°	106.1	82.4	60.6	40.3	26.7	13.1	0.0
67.5°	126.3	95.0	70.5	47.4	29.9	14.7	0.0
65°	146.0	109.1	80.1	54.4	33.0	16.2	0.0
62.5°	165.1	124.4	89.4	61.2	36.0	17.7	0.0
60°	183.4	139.1	98.5	67.9	39.0	19.2	0.0
57.5°	204.2	153.3	109.3	74.3	43.1	20.6	0.0
55°	224.3	166.9	119.9	80.5	47.2	22.0	0.0
52.5°	243.4	180.3	130.0	86.5	51.1	23.3	0.0
50°	261.4	194.9	139.6	92.2	54.9	24.6	0.0
47.5°	278.5	208.6	148.7	98.0	58.6	25.9	0.0
45°	296.4	221.4	157.3	104.4	62.1	27.1	0.0
42.5°	312.8	233.3	165.3	110.4	65.4	28.2	0.0
40°	327.9	244.2	173.5	116.2	68.6	29.3	0.0
37.5°	341.4	254.1	181.6	121.6	71.6	30.3	0.0
35°	353.5	264.0	189.0	126.7	74.4	31.3	0.0
32.5°	365.1	273.3	195.7	131.4	77.0	32.2	0.0
30°	377.5	281.5	201.7	135.8	79.5	33.0	0.0
27.5°	388.3	288.5	207.3	139.8	81.8	33.8	0.0
25°	397.4	294.4	212.4	143.4	83.8	34.5	0.0
22.5°	404.8	299.5	216.7	146.6	85.7	35.2	0.0
20°	410.6	304.7	220.3	149.4	87.4	35.7	0.0
17.5°	415.8	308.9	223.2	151.9	88.8	36.3	0.0
15°	420.0	312.2	225.4	153.9	90.1	36.7	0.0
12.5°	422.5	314.6	227.0	155.6	91.1	37.1	0.0
10°	423.6	316.2	227.9	156.9	92.0	37.3	0.0
7.5°	423.1	316.8	228.2	157.7	92.6	37.6	0.0
5°	421.2	316.6	228.0	158.2	93.0	37.7	0.0
2.5°	418.0	315.5	227.1	158.4	93.2	37.8	0.0
0°	413.5	313.5	225.7	158.1	93.2	37.8	0.0
-2.5°	408.8	310.5	224.6	157.4	93.0	37.9	0.0
-5°	402.9	306.8	223.0	156.3	92.5	37.8	0.0
-7.5°	396.0	302.3	220.9	154.9	91.9	37.7	0.0
-10°	388.0	297.0	218.2	153.1	91.1	37.6	0.0
-12.5°	379.1	291.2	215.1	150.9	90.1	37.3	0.0
-15°	369.3	284.7	211.5	148.5	88.8	37.0	0.0
-17.5°	358.6	277.8	207.5	145.7	87.4	36.6	0.0
-20°	347.5	270.3	202.9	142.6	85.9	36.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	336.4	262.4	197.9	139.2	84.1	35.6	0.0
-25°	324.7	254.4	192.5	135.6	82.2	35.0	0.0
-27.5°	312.3	246.2	186.6	131.6	80.1	34.4	0.0
-30°	299.4	237.4	180.4	127.4	77.9	33.6	0.0
-32.5°	286.0	228.2	173.9	123.0	75.5	32.8	0.0
-35°	273.5	218.4	167.1	118.3	73.0	31.9	0.0
-37.5°	261.1	208.6	160.0	113.4	70.3	31.0	0.0
-40°	248.3	199.2	152.6	108.2	67.5	30.0	0.0
-42.5°	235.0	189.5	145.2	102.9	64.6	28.9	0.0
-45°	221.4	179.4	137.8	97.4	61.6	27.7	0.0
-47.5°	207.3	169.1	130.2	91.7	58.5	26.6	0.0
-50°	194.5	158.5	122.3	86.6	55.2	25.3	0.0
-52.5°	181.7	147.7	114.2	81.6	51.9	24.0	0.0
-55°	168.6	137.3	105.9	76.4	48.4	22.6	0.0
-57.5°	155.4	126.7	97.3	71.1	44.9	21.2	0.0
-60°	142.0	115.8	88.7	65.6	41.3	19.8	0.0
-62.5°	129.0	104.8	81.3	60.1	38.2	18.3	0.0
-65°	115.7	93.6	73.8	54.4	35.1	16.8	0.0
-67.5°	102.2	83.2	66.2	48.6	31.8	15.2	0.0
-70°	88.6	73.7	58.5	42.7	28.5	13.6	0.0
-72.5°	76.9	64.0	50.6	37.4	25.1	12.0	0.0
-75°	65.3	54.2	42.7	32.2	21.6	10.3	0.0
-77.5°	53.7	44.3	35.5	26.9	18.1	8.6	0.0
-80°	41.9	35.2	28.5	21.6	14.5	6.9	0.0
-82.5°	31.4	26.5	21.4	16.2	10.9	5.2	0.0
-85°	20.9	17.7	14.3	10.8	7.3	3.5	0.0
-87.5°	10.5	8.8	7.2	5.4	3.7	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)