

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: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-927-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6C-927-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6  
Light Source: (96) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

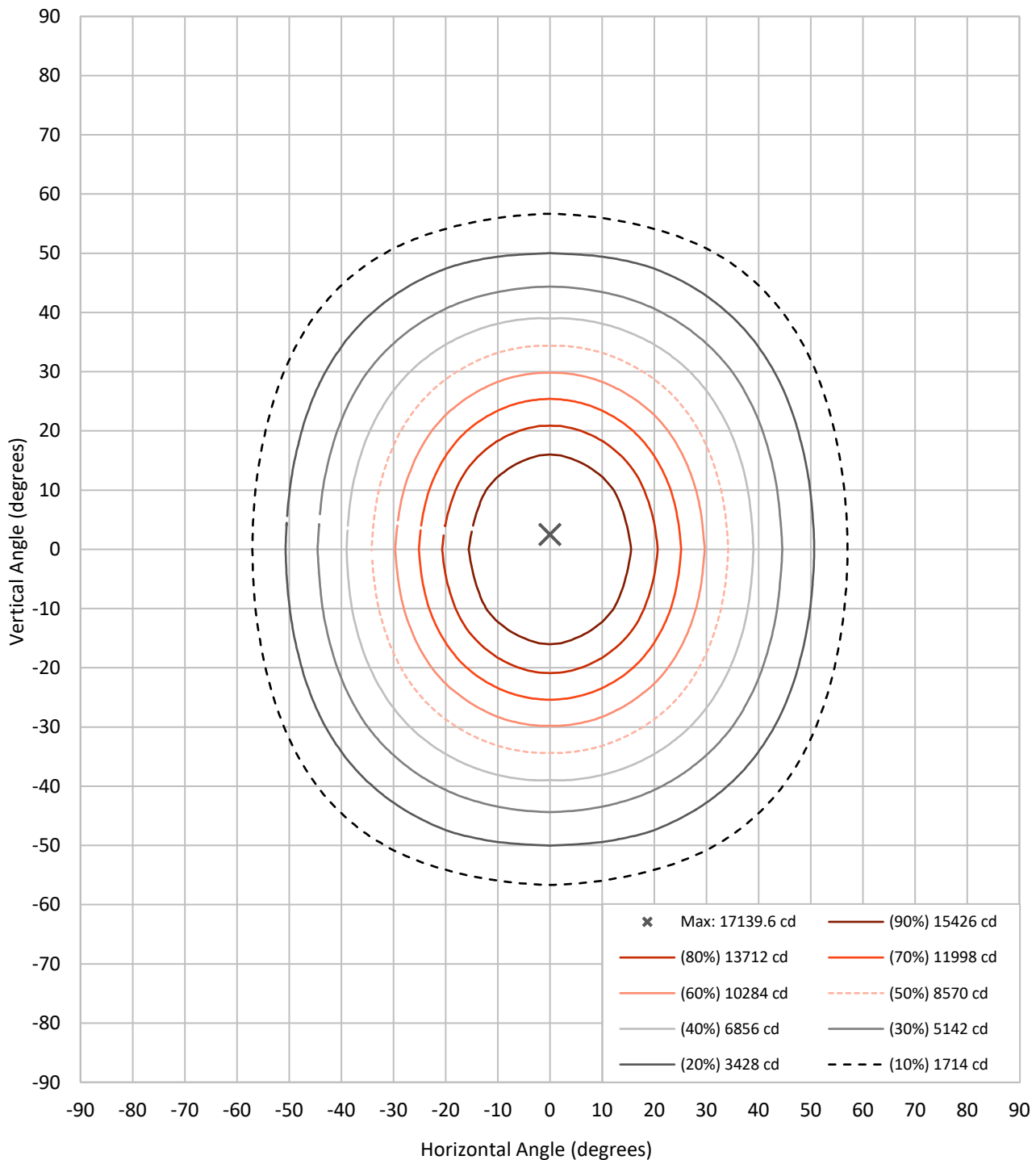
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23196.9 lumens	Max Intensity:	17139.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	96.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	13908.2 lumens	Field Lumens:	22159.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 241  
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





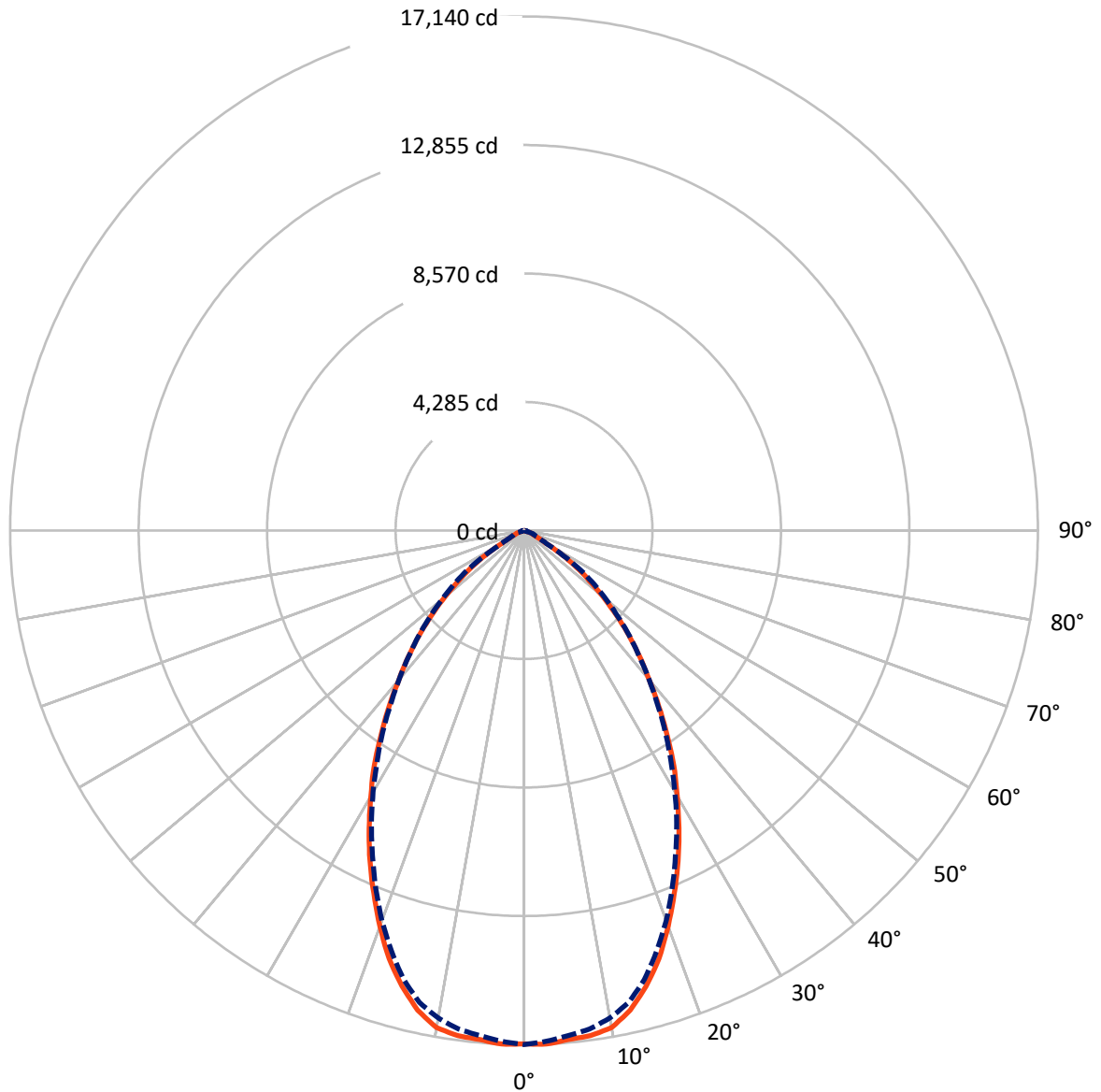
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### Lumen Table

90																			
80	0.2	2.2		5.6		9.7		6.8		9.7		5.6		2.2		0.2			
70																			
60	1.1	1.6	3.1	4.9	7.1	9.3	11.5	13.0	13.0	11.5	9.3	7.1	4.9	3.1	1.6	1.1			
50		2.5	5.2	9.3	18.0	34.9	52.3	62.6	62.6	52.3	34.9	18.0	9.3	5.2	2.5				
40	1.8	3.4	7.6	22.2	58.5	97.2	129.3	147.5	147.5	129.3	97.2	58.5	22.2	7.6	3.4	1.8			
30		4.1	13.1	51.2	105.0	163.9	217.2	249.1	249.1	217.2	163.9	105.0	51.2	13.1	4.1				
20	2.0	5.0	23.8	77.5	148.9	233.1	311.6	360.9	360.9	311.6	233.1	148.9	77.5	23.8	5.0	2.0			
10		5.9	33.9	96.4	183.6	291.2	396.7	463.4	463.4	396.7	291.2	183.6	96.4	33.9	5.9				
0	2.1	6.4	39.6	106.6	203.1	325.4	445.6	509.3	509.3	445.6	325.4	203.1	106.6	39.6	6.4	2.1			
-10		6.4	39.6	106.6	203.1	325.4	445.6	509.3	509.3	445.6	325.4	203.1	106.6	39.6	6.4				
-20	2.0	5.9	33.9	96.4	183.6	291.2	396.7	463.4	463.4	396.7	291.2	183.6	96.4	33.9	5.9	2.0			
-30		5.0	23.8	77.5	148.9	233.1	311.6	360.9	360.9	311.6	233.1	148.9	77.5	23.8	5.0				
-40	1.8	4.1	13.1	51.2	105.0	163.9	217.2	249.1	249.1	217.2	163.9	105.0	51.2	13.1	4.1	1.8			
-50		3.4	7.6	22.2	58.5	97.2	129.3	147.5	147.5	129.3	97.2	58.5	22.2	7.6	3.4				
-60	1.1	2.5	5.2	9.3	18.0	34.9	52.3	62.6	62.6	52.3	34.9	18.0	9.3	5.2	2.5	1.1			
-70		1.6	3.1	4.9	7.1	9.3	11.5	13.0	13.0	11.5	9.3	7.1	4.9	3.1	1.6				
-80	0.2	2.2		5.6		9.7		6.8		9.7		5.6		2.2		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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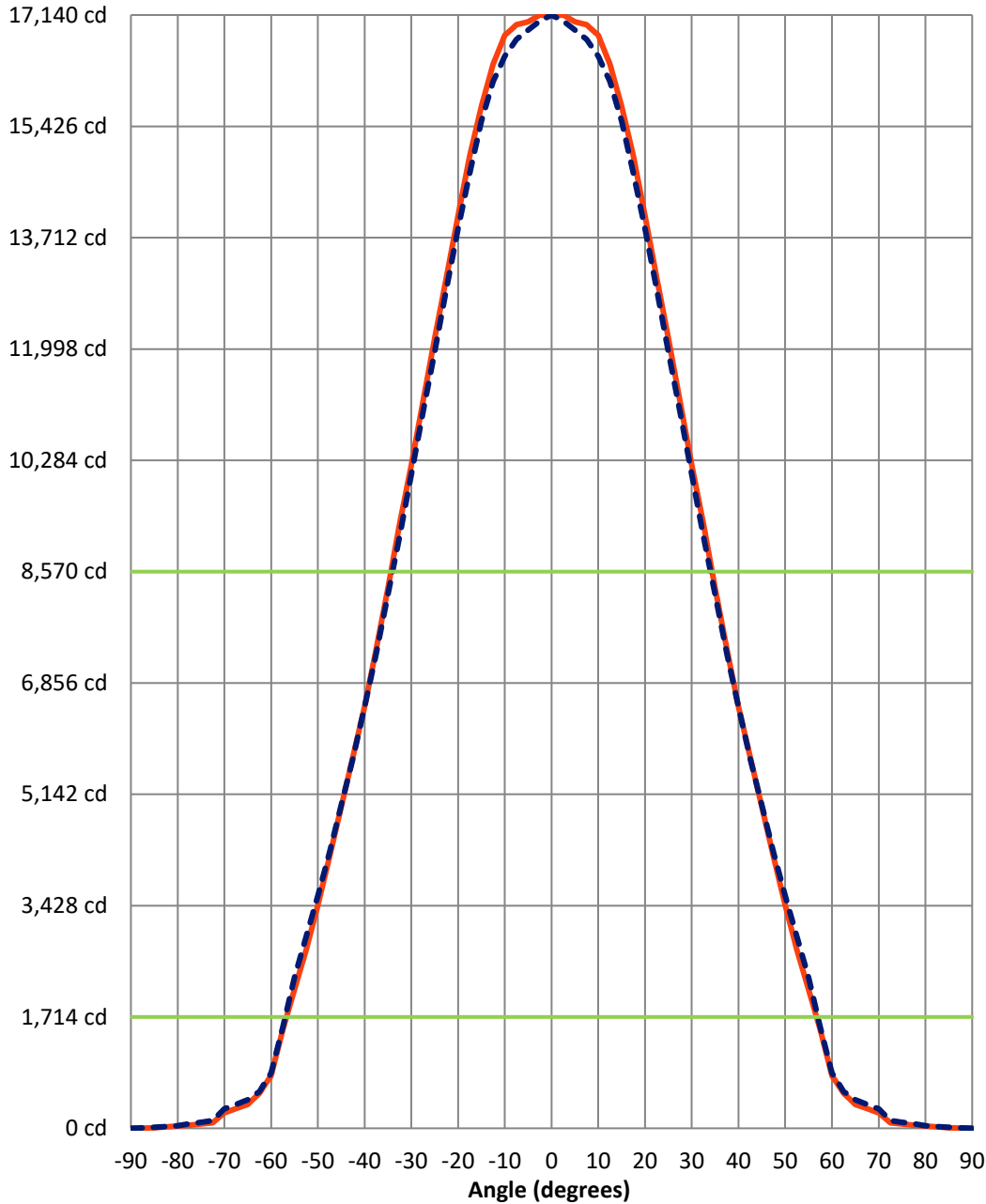
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 13908.2  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 22159.3  
Efficiency: 95.5%

**Spill:**  
Lumens: 1037.7  
Efficiency: 4.5%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 2.5-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	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.0	5.6
82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	7.1	9.7	12.4
80°	0.0	1.1	2.3	3.4	4.6	5.7	7.2	10.6	14.1	17.8	21.6
77.5°	0.0	1.4	2.9	4.3	5.7	7.8	12.1	16.6	21.1	25.8	32.2
75°	0.0	1.7	3.4	5.1	7.0	11.3	16.9	22.5	28.5	38.2	47.6
72.5°	0.0	2.0	4.0	5.9	9.3	14.7	21.6	29.6	40.9	52.0	62.9
70°	0.0	2.3	4.5	6.9	11.5	17.9	26.6	40.3	53.0	65.7	83.7
67.5°	0.0	2.5	5.0	8.2	13.7	21.0	34.7	50.8	65.1	84.0	105.3
65°	0.0	2.8	5.6	9.5	15.7	25.2	42.3	61.1	79.8	101.6	125.7
62.5°	0.0	3.0	6.1	10.7	17.6	30.2	49.3	72.3	94.0	118.9	145.2
60°	0.0	3.3	6.6	11.8	19.4	34.7	55.8	83.4	107.4	137.5	164.8
57.5°	0.0	3.5	7.2	12.9	22.1	38.9	62.3	93.4	123.7	156.1	181.2
55°	0.0	3.8	7.9	13.8	24.5	42.6	68.1	101.2	140.9	173.6	196.1
52.5°	0.0	4.0	8.5	14.7	26.7	45.8	73.1	112.6	157.9	187.3	210.9
50°	0.0	4.2	9.1	15.5	28.6	48.8	77.3	123.3	173.5	200.8	226.5
47.5°	0.0	4.5	9.7	16.3	30.1	51.3	81.1	132.7	185.6	214.3	241.3
45°	0.0	4.7	10.2	17.2	31.3	53.1	87.7	140.5	190.8	226.5	255.1
42.5°	0.0	4.9	10.8	17.8	32.2	54.4	93.1	144.9	194.2	237.9	270.3
40°	0.0	5.1	11.3	18.6	32.8	55.0	97.5	146.6	196.3	247.5	285.3
37.5°	0.0	5.2	11.8	19.6	33.1	55.0	100.8	147.1	198.4	251.6	299.9
35°	0.0	5.4	12.2	20.4	33.0	56.2	102.9	146.3	200.4	260.9	314.3
32.5°	0.0	5.6	12.6	21.2	32.5	57.7	103.4	144.3	202.5	272.6	328.8
30°	0.0	5.7	13.0	22.0	31.7	58.5	101.4	142.2	204.4	286.6	342.4
27.5°	0.0	5.9	13.4	22.7	32.5	58.5	98.7	142.6	209.4	302.6	355.2
25°	0.0	6.0	13.7	23.3	33.5	57.8	95.1	142.7	220.3	315.4	367.3
22.5°	0.0	6.1	14.1	23.9	34.4	57.8	90.8	142.4	231.7	325.0	382.8
20°	0.0	6.2	14.3	24.4	35.3	60.5	85.7	141.6	243.6	333.8	396.6
17.5°	0.0	6.3	14.6	24.9	36.1	62.9	84.8	140.2	255.5	341.7	408.6
15°	0.0	6.4	14.8	25.3	36.9	64.9	86.5	139.5	267.0	348.6	418.9
12.5°	0.0	6.4	15.0	25.6	37.6	66.6	88.1	138.6	277.3	354.6	427.5
10°	0.0	6.5	15.1	25.9	38.2	68.0	89.4	135.8	285.8	359.2	433.9
7.5°	0.0	6.5	15.2	26.1	38.7	69.1	90.5	131.5	292.6	362.9	437.6
5°	0.0	6.6	15.3	26.3	39.1	69.9	91.4	126.0	297.4	365.7	439.6
2.5°	0.0	6.6	15.4	26.4	39.5	70.3	92.1	119.5	299.9	367.4	439.8
0°	0.0	6.6	15.4	26.4	39.7	70.5	92.5	112.4	299.7	368.0	438.5
-2.5°	0.0	6.6	15.4	26.4	39.5	70.3	92.1	119.5	299.9	367.4	439.8
-5°	0.0	6.6	15.3	26.3	39.1	69.9	91.4	126.0	297.4	365.7	439.6
-7.5°	0.0	6.5	15.2	26.1	38.7	69.1	90.5	131.5	292.6	362.9	437.6
-10°	0.0	6.5	15.1	25.9	38.2	68.0	89.4	135.8	285.8	359.2	433.9
-12.5°	0.0	6.4	15.0	25.6	37.6	66.6	88.1	138.6	277.3	354.6	427.5
-15°	0.0	6.4	14.8	25.3	36.9	64.9	86.5	139.5	267.0	348.6	418.9
-17.5°	0.0	6.3	14.6	24.9	36.1	62.9	84.8	140.2	255.5	341.7	408.6
-20°	0.0	6.2	14.3	24.4	35.3	60.5	85.7	141.6	243.6	333.8	396.6



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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	6.1	14.1	23.9	34.4	57.8	90.8	142.4	231.7	325.0	382.8
-25°	0.0	6.0	13.7	23.3	33.5	57.8	95.1	142.7	220.3	315.4	367.3
-27.5°	0.0	5.9	13.4	22.7	32.5	58.5	98.7	142.6	209.4	302.6	355.2
-30°	0.0	5.7	13.0	22.0	31.7	58.5	101.4	142.2	204.4	286.6	342.4
-32.5°	0.0	5.6	12.6	21.2	32.5	57.7	103.4	144.3	202.5	272.6	328.8
-35°	0.0	5.4	12.2	20.4	33.0	56.2	102.9	146.3	200.4	260.9	314.3
-37.5°	0.0	5.2	11.8	19.6	33.1	55.0	100.8	147.1	198.4	251.6	299.9
-40°	0.0	5.1	11.3	18.6	32.8	55.0	97.5	146.6	196.3	247.5	285.3
-42.5°	0.0	4.9	10.8	17.8	32.2	54.4	93.1	144.9	194.2	237.9	270.3
-45°	0.0	4.7	10.2	17.2	31.3	53.1	87.7	140.5	190.8	226.5	255.1
-47.5°	0.0	4.5	9.7	16.3	30.1	51.3	81.1	132.7	185.6	214.3	241.3
-50°	0.0	4.2	9.1	15.5	28.6	48.8	77.3	123.3	173.5	200.8	226.5
-52.5°	0.0	4.0	8.5	14.7	26.7	45.8	73.1	112.6	157.9	187.3	210.9
-55°	0.0	3.8	7.9	13.8	24.5	42.6	68.1	101.2	140.9	173.6	196.1
-57.5°	0.0	3.5	7.2	12.9	22.1	38.9	62.3	93.4	123.7	156.1	181.2
-60°	0.0	3.3	6.6	11.8	19.4	34.7	55.8	83.4	107.4	137.5	164.8
-62.5°	0.0	3.0	6.1	10.7	17.6	30.2	49.3	72.3	94.0	118.9	145.2
-65°	0.0	2.8	5.6	9.5	15.7	25.2	42.3	61.1	79.8	101.6	125.7
-67.5°	0.0	2.5	5.0	8.2	13.7	21.0	34.7	50.8	65.1	84.0	105.3
-70°	0.0	2.3	4.5	6.9	11.5	17.9	26.6	40.3	53.0	65.7	83.7
-72.5°	0.0	2.0	4.0	5.9	9.3	14.7	21.6	29.6	40.9	52.0	62.9
-75°	0.0	1.7	3.4	5.1	7.0	11.3	16.9	22.5	28.5	38.2	47.6
-77.5°	0.0	1.4	2.9	4.3	5.7	7.8	12.1	16.6	21.1	25.8	32.2
-80°	0.0	1.1	2.3	3.4	4.6	5.7	7.2	10.6	14.1	17.8	21.6
-82.5°	0.0	0.9	1.7	2.6	3.4	4.3	5.1	5.9	7.1	9.7	12.4
-85°	0.0	0.6	1.1	1.7	2.3	2.9	3.4	4.0	4.5	5.0	5.6
-87.5°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-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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**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°	2.8	2.8	2.7	2.5	2.7	2.8	3.0	3.1	2.8	2.5	2.2
85°	5.6	5.5	6.2	6.7	7.4	7.9	8.1	8.1	9.0	10.3	11.7
82.5°	13.9	14.9	15.5	15.6	15.8	15.7	15.6	15.5	19.1	23.7	28.9
80°	23.4	24.4	28.1	32.1	34.2	34.1	32.3	28.8	34.2	42.7	53.0
77.5°	38.2	43.9	49.8	55.8	57.0	54.1	49.3	42.9	50.5	65.7	82.9
75°	55.6	63.3	71.9	78.4	78.4	73.7	67.6	66.3	79.2	97.6	112.7
72.5°	76.0	87.2	95.6	101.1	100.6	99.9	102.3	107.7	118.3	131.7	143.4
70°	100.6	111.8	118.0	120.9	122.0	128.1	137.3	144.1	151.6	164.8	177.1
67.5°	125.1	133.7	139.1	142.9	153.1	164.9	174.0	182.3	191.6	205.2	216.4
65°	146.9	155.6	163.3	174.8	189.8	200.8	211.7	223.0	239.0	254.2	263.4
62.5°	168.2	177.5	189.2	204.7	221.0	235.1	252.8	272.8	293.7	309.3	327.1
60°	184.7	197.9	214.5	233.0	252.4	275.5	298.2	321.6	343.0	363.8	390.1
57.5°	200.4	219.5	240.2	261.9	287.6	316.4	344.1	369.3	396.3	425.4	455.0
55°	217.5	242.6	265.6	291.5	322.8	359.4	390.2	420.1	452.4	501.3	544.0
52.5°	236.4	264.1	290.1	321.8	360.7	399.7	434.8	476.8	530.7	603.3	721.1
50°	254.2	283.9	314.4	355.3	397.3	438.5	489.3	547.7	655.7	791.1	1028.2
47.5°	271.8	303.4	343.7	387.9	433.7	487.9	552.3	680.1	827.3	1164.5	1500.6
45°	289.4	326.9	371.4	421.5	476.1	544.2	677.9	835.5	1236.1	1624.0	2028.1
42.5°	306.5	350.4	401.2	454.7	526.0	649.3	821.5	1237.8	1671.4	2117.0	2504.8
40°	326.0	372.4	431.2	499.0	593.3	780.5	1167.0	1635.6	2124.5	2545.4	2922.7
37.5°	344.3	399.2	463.1	542.0	711.6	1023.9	1521.9	2041.8	2515.1	2926.3	3329.5
35°	361.1	425.2	501.3	619.6	827.5	1342.2	1882.1	2410.8	2863.2	3302.3	3743.2
32.5°	380.8	450.2	538.0	722.5	1093.4	1649.5	2224.0	2727.7	3201.5	3669.7	4173.4
30°	402.6	481.3	589.1	820.7	1356.7	1948.1	2517.3	3031.8	3523.0	4043.1	4582.5
27.5°	423.1	511.4	673.9	1010.9	1604.3	2226.9	2784.1	3313.5	3840.9	4394.6	4975.4
25°	441.8	539.9	753.4	1219.6	1843.3	2464.7	3029.5	3568.3	4137.7	4739.6	5350.7
22.5°	461.9	567.7	825.1	1409.6	2062.0	2676.4	3246.3	3817.6	4420.3	5058.1	5695.6
20°	483.5	627.1	943.0	1585.1	2260.7	2868.8	3440.9	4049.2	4684.6	5345.2	6018.6
17.5°	503.3	679.6	1083.9	1751.6	2427.7	3036.1	3615.9	4259.0	4914.5	5605.1	6314.3
15°	521.1	725.1	1208.1	1898.8	2569.5	3178.2	3786.7	4445.1	5118.8	5838.2	6574.8
12.5°	536.8	763.5	1314.8	2026.1	2689.1	3299.7	3930.3	4602.1	5300.9	6041.9	6809.5
10°	550.1	794.8	1403.5	2132.5	2786.4	3399.9	4045.5	4732.8	5445.9	6205.9	6998.8
7.5°	558.6	820.6	1473.7	2217.5	2861.5	3478.4	4132.4	4835.7	5551.9	6334.0	7141.9
5°	564.0	841.7	1524.5	2280.4	2916.2	3537.6	4194.9	4909.7	5619.9	6423.8	7238.2
2.5°	566.6	856.2	1555.4	2320.6	2950.4	3579.1	4246.7	4974.6	5691.5	6487.8	7312.7
0°	566.3	863.7	1566.6	2337.7	2963.5	3598.0	4272.2	5008.1	5737.4	6515.2	7363.5
-2.5°	566.6	856.2	1555.4	2320.6	2950.4	3579.1	4246.7	4974.6	5691.5	6487.8	7312.7
-5°	564.0	841.7	1524.5	2280.4	2916.2	3537.6	4194.9	4909.7	5619.9	6423.8	7238.2
-7.5°	558.6	820.6	1473.7	2217.5	2861.5	3478.4	4132.4	4835.7	5551.9	6334.0	7141.9
-10°	550.1	794.8	1403.5	2132.5	2786.4	3399.9	4045.5	4732.8	5445.9	6205.9	6998.8
-12.5°	536.8	763.5	1314.8	2026.1	2689.1	3299.7	3930.3	4602.1	5300.9	6041.9	6809.5
-15°	521.1	725.1	1208.1	1898.8	2569.5	3178.2	3786.7	4445.1	5118.8	5838.2	6574.8
-17.5°	503.3	679.6	1083.9	1751.6	2427.7	3036.1	3615.9	4259.0	4914.5	5605.1	6314.3
-20°	483.5	627.1	943.0	1585.1	2260.7	2868.8	3440.9	4049.2	4684.6	5345.2	6018.6



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	461.9	567.7	825.1	1409.6	2062.0	2676.4	3246.3	3817.6	4420.3	5058.1	5695.6
-25°	441.8	539.9	753.4	1219.6	1843.3	2464.7	3029.5	3568.3	4137.7	4739.6	5350.7
-27.5°	423.1	511.4	673.9	1010.9	1604.3	2226.9	2784.1	3313.5	3840.9	4394.6	4975.4
-30°	402.6	481.3	589.1	820.7	1356.7	1948.1	2517.3	3031.8	3523.0	4043.1	4582.5
-32.5°	380.8	450.2	538.0	722.5	1093.4	1649.5	2224.0	2727.7	3201.5	3669.7	4173.4
-35°	361.1	425.2	501.3	619.6	827.5	1342.2	1882.1	2410.8	2863.2	3302.3	3743.2
-37.5°	344.3	399.2	463.1	542.0	711.6	1023.9	1521.9	2041.8	2515.1	2926.3	3329.5
-40°	326.0	372.4	431.2	499.0	593.3	780.5	1167.0	1635.6	2124.5	2545.4	2922.7
-42.5°	306.5	350.4	401.2	454.7	526.0	649.3	821.5	1237.8	1671.4	2117.0	2504.8
-45°	289.4	326.9	371.4	421.5	476.1	544.2	677.9	835.5	1236.1	1624.0	2028.1
-47.5°	271.8	303.4	343.7	387.9	433.7	487.9	552.3	680.1	827.3	1164.5	1500.6
-50°	254.2	283.9	314.4	355.3	397.3	438.5	489.3	547.7	655.7	791.1	1028.2
-52.5°	236.4	264.1	290.1	321.8	360.7	399.7	434.8	476.8	530.7	603.3	721.1
-55°	217.5	242.6	265.6	291.5	322.8	359.4	390.2	420.1	452.4	501.3	544.0
-57.5°	200.4	219.5	240.2	261.9	287.6	316.4	344.1	369.3	396.3	425.4	455.0
-60°	184.7	197.9	214.5	233.0	252.4	275.5	298.2	321.6	343.0	363.8	390.1
-62.5°	168.2	177.5	189.2	204.7	221.0	235.1	252.8	272.8	293.7	309.3	327.1
-65°	146.9	155.6	163.3	174.8	189.8	200.8	211.7	223.0	239.0	254.2	263.4
-67.5°	125.1	133.7	139.1	142.9	153.1	164.9	174.0	182.3	191.6	205.2	216.4
-70°	100.6	111.8	118.0	120.9	122.0	128.1	137.3	144.1	151.6	164.8	177.1
-72.5°	76.0	87.2	95.6	101.1	100.6	99.9	102.3	107.7	118.3	131.7	143.4
-75°	55.6	63.3	71.9	78.4	78.4	73.7	67.6	66.3	79.2	97.6	112.7
-77.5°	38.2	43.9	49.8	55.8	57.0	54.1	49.3	42.9	50.5	65.7	82.9
-80°	23.4	24.4	28.1	32.1	34.2	34.1	32.3	28.8	34.2	42.7	53.0
-82.5°	13.9	14.9	15.5	15.6	15.8	15.7	15.6	15.5	19.1	23.7	28.9
-85°	5.6	5.5	6.2	6.7	7.4	7.9	8.1	8.1	9.0	10.3	11.7
-87.5°	2.8	2.8	2.7	2.5	2.7	2.8	3.0	3.1	2.8	2.5	2.2
-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: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-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°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
85°	13.4	13.2	12.7	12.0	11.2	11.5	11.9	12.2	12.4	11.6	10.7
82.5°	34.5	37.1	39.5	42.1	44.8	44.4	43.2	41.4	39.1	34.9	30.1
80°	64.8	70.8	74.9	78.1	80.6	78.2	74.4	70.1	65.2	57.9	50.0
77.5°	100.6	106.7	109.8	113.6	117.8	118.6	118.8	119.3	119.7	106.2	89.1
75°	124.8	132.9	139.5	145.4	150.6	153.2	154.8	156.5	158.0	140.1	116.6
72.5°	153.4	161.2	167.6	174.0	179.6	183.9	187.2	189.9	192.1	177.6	157.1
70°	186.9	194.7	202.0	208.6	215.0	220.8	226.1	230.9	235.4	236.2	237.3
67.5°	224.7	229.3	238.0	246.3	256.2	263.4	271.5	279.0	286.0	291.9	296.8
65°	271.5	288.1	305.0	313.2	313.9	324.4	340.9	350.0	352.7	354.8	360.0
62.5°	349.9	371.4	382.7	397.5	417.7	439.8	448.3	460.5	475.3	492.0	507.2
60°	412.3	430.6	457.8	485.6	510.2	532.7	587.0	635.2	676.6	712.1	746.4
57.5°	489.8	519.9	561.6	636.7	705.4	767.5	873.7	1003.3	1118.9	1220.0	1308.8
55°	613.1	700.9	780.0	957.3	1146.8	1310.7	1464.3	1628.4	1762.0	1866.5	1963.1
52.5°	823.5	1065.0	1309.8	1540.0	1766.3	1972.4	2157.3	2302.8	2416.4	2501.7	2582.4
50°	1318.4	1609.4	1907.5	2182.1	2404.5	2607.6	2800.1	2944.5	3065.2	3169.2	3261.3
47.5°	1857.9	2198.6	2480.3	2733.6	2973.2	3198.6	3409.1	3584.8	3733.6	3870.8	3985.0
45°	2394.8	2699.5	2988.4	3260.0	3520.8	3773.4	3999.9	4199.7	4396.6	4559.2	4687.9
42.5°	2848.7	3171.3	3478.6	3789.5	4081.0	4364.4	4638.0	4881.1	5090.1	5267.9	5411.0
40°	3284.4	3632.3	3997.2	4342.4	4688.6	5012.0	5315.0	5592.5	5830.7	6041.1	6219.2
37.5°	3727.9	4134.0	4535.0	4928.3	5309.8	5661.5	6009.4	6329.4	6608.5	6854.8	7061.6
35°	4195.9	4643.5	5079.9	5523.1	5939.6	6346.6	6731.1	7083.4	7392.5	7682.6	7932.0
32.5°	4664.8	5149.7	5641.1	6120.7	6582.1	7038.0	7459.7	7856.8	8222.1	8543.3	8809.5
30°	5121.3	5655.2	6180.9	6703.4	7230.1	7726.7	8193.8	8630.0	9026.5	9376.3	9678.8
27.5°	5559.3	6133.3	6697.2	7294.7	7867.1	8407.3	8914.8	9383.8	9826.3	10224.1	10567.4
25°	5964.7	6574.4	7231.6	7858.3	8470.8	9069.9	9625.9	10135.4	10641.3	11079.0	11451.8
22.5°	6347.6	7028.0	7720.0	8377.3	9053.0	9711.8	10334.2	10924.7	11465.0	11923.6	12321.1
20°	6711.8	7443.9	8156.9	8884.8	9616.5	10327.2	11012.6	11643.6	12214.5	12714.3	13162.6
17.5°	7055.7	7813.3	8571.1	9348.2	10138.4	10885.7	11611.8	12298.3	12921.5	13476.0	13981.4
15°	7353.2	8136.1	8947.4	9773.4	10599.9	11394.5	12165.1	12912.9	13614.1	14217.6	14727.3
12.5°	7606.1	8421.6	9279.9	10146.5	11017.8	11850.7	12667.5	13467.6	14213.0	14861.8	15385.1
10°	7815.8	8670.3	9566.8	10469.4	11363.0	12228.5	13078.0	13905.9	14706.4	15379.0	15916.5
7.5°	7990.6	8877.9	9795.0	10724.9	11626.6	12525.3	13411.3	14247.6	15036.4	15745.6	16297.9
5°	8121.2	9023.3	9959.8	10912.8	11828.3	12759.1	13671.4	14527.3	15308.2	15950.9	16401.7
2.5°	8218.4	9113.8	10066.8	11026.2	11953.8	12918.1	13849.9	14706.6	15505.9	16114.2	16504.6
0°	8284.5	9163.6	10163.9	11104.7	12047.7	13037.0	13958.0	14823.9	15625.9	16220.8	16624.0
-2.5°	8218.4	9113.8	10066.8	11026.2	11953.8	12918.1	13849.9	14706.6	15505.9	16114.2	16504.6
-5°	8121.2	9023.3	9959.8	10912.8	11828.3	12759.1	13671.4	14527.3	15308.2	15950.9	16401.7
-7.5°	7990.6	8877.9	9795.0	10724.9	11626.6	12525.3	13411.3	14247.6	15036.4	15745.6	16297.9
-10°	7815.8	8670.3	9566.8	10469.4	11363.0	12228.5	13078.0	13905.9	14706.4	15379.0	15916.5
-12.5°	7606.1	8421.6	9279.9	10146.5	11017.8	11850.7	12667.5	13467.6	14213.0	14861.8	15385.1
-15°	7353.2	8136.1	8947.4	9773.4	10599.9	11394.5	12165.1	12912.9	13614.1	14217.6	14727.3
-17.5°	7055.7	7813.3	8571.1	9348.2	10138.4	10885.7	11611.8	12298.3	12921.5	13476.0	13981.4
-20°	6711.8	7443.9	8156.9	8884.8	9616.5	10327.2	11012.6	11643.6	12214.5	12714.3	13162.6



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6347.6	7028.0	7720.0	8377.3	9053.0	9711.8	10334.2	10924.7	11465.0	11923.6	12321.1
-25°	5964.7	6574.4	7231.6	7858.3	8470.8	9069.9	9625.9	10135.4	10641.3	11079.0	11451.8
-27.5°	5559.3	6133.3	6697.2	7294.7	7867.1	8407.3	8914.8	9383.8	9826.3	10224.1	10567.4
-30°	5121.3	5655.2	6180.9	6703.4	7230.1	7726.7	8193.8	8630.0	9026.5	9376.3	9678.8
-32.5°	4664.8	5149.7	5641.1	6120.7	6582.1	7038.0	7459.7	7856.8	8222.1	8543.3	8809.5
-35°	4195.9	4643.5	5079.9	5523.1	5939.6	6346.6	6731.1	7083.4	7392.5	7682.6	7932.0
-37.5°	3727.9	4134.0	4535.0	4928.3	5309.8	5661.5	6009.4	6329.4	6608.5	6854.8	7061.6
-40°	3284.4	3632.3	3997.2	4342.4	4688.6	5012.0	5315.0	5592.5	5830.7	6041.1	6219.2
-42.5°	2848.7	3171.3	3478.6	3789.5	4081.0	4364.4	4638.0	4881.1	5090.1	5267.9	5411.0
-45°	2394.8	2699.5	2988.4	3260.0	3520.8	3773.4	3999.9	4199.7	4396.6	4559.2	4687.9
-47.5°	1857.9	2198.6	2480.3	2733.6	2973.2	3198.6	3409.1	3584.8	3733.6	3870.8	3985.0
-50°	1318.4	1609.4	1907.5	2182.1	2404.5	2607.6	2800.1	2944.5	3065.2	3169.2	3261.3
-52.5°	823.5	1065.0	1309.8	1540.0	1766.3	1972.4	2157.3	2302.8	2416.4	2501.7	2582.4
-55°	613.1	700.9	780.0	957.3	1146.8	1310.7	1464.3	1628.4	1762.0	1866.5	1963.1
-57.5°	489.8	519.9	561.6	636.7	705.4	767.5	873.7	1003.3	1118.9	1220.0	1308.8
-60°	412.3	430.6	457.8	485.6	510.2	532.7	587.0	635.2	676.6	712.1	746.4
-62.5°	349.9	371.4	382.7	397.5	417.7	439.8	448.3	460.5	475.3	492.0	507.2
-65°	271.5	288.1	305.0	313.2	313.9	324.4	340.9	350.0	352.7	354.8	360.0
-67.5°	224.7	229.3	238.0	246.3	256.2	263.4	271.5	279.0	286.0	291.9	296.8
-70°	186.9	194.7	202.0	208.6	215.0	220.8	226.1	230.9	235.4	236.2	237.3
-72.5°	153.4	161.2	167.6	174.0	179.6	183.9	187.2	189.9	192.1	177.6	157.1
-75°	124.8	132.9	139.5	145.4	150.6	153.2	154.8	156.5	158.0	140.1	116.6
-77.5°	100.6	106.7	109.8	113.6	117.8	118.6	118.8	119.3	119.7	106.2	89.1
-80°	64.8	70.8	74.9	78.1	80.6	78.2	74.4	70.1	65.2	57.9	50.0
-82.5°	34.5	37.1	39.5	42.1	44.8	44.4	43.2	41.4	39.1	34.9	30.1
-85°	13.4	13.2	12.7	12.0	11.2	11.5	11.9	12.2	12.4	11.6	10.7
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-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: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
85°	9.8	8.8	8.8	8.8	8.8	8.8	9.8	10.7	11.6	12.4	12.2
82.5°	25.1	19.8	20.9	22.0	20.9	19.8	25.1	30.1	34.9	39.1	41.4
80°	41.7	33.1	34.1	35.3	34.1	33.1	41.7	50.0	57.9	65.2	70.1
77.5°	70.7	51.3	49.6	48.5	49.6	51.3	70.7	89.1	106.2	119.7	119.3
75°	92.4	67.5	66.0	66.1	66.0	67.5	92.4	116.6	140.1	158.0	156.5
72.5°	136.4	115.3	100.7	85.9	100.7	115.3	136.4	157.1	177.6	192.1	189.9
70°	239.8	242.8	241.6	238.0	241.6	242.8	239.8	237.3	236.2	235.4	230.9
67.5°	300.9	304.1	304.7	304.1	304.7	304.1	300.9	296.8	291.9	286.0	279.0
65°	363.6	365.7	367.4	368.0	367.4	365.7	363.6	360.0	354.8	352.7	350.0
62.5°	518.6	526.1	534.2	539.8	534.2	526.1	518.6	507.2	492.0	475.3	460.5
60°	776.3	801.0	812.0	813.0	812.0	801.0	776.3	746.4	712.1	676.6	635.2
57.5°	1379.9	1433.0	1480.4	1515.9	1480.4	1433.0	1379.9	1308.8	1220.0	1118.9	1003.3
55°	2040.2	2096.7	2128.6	2137.2	2128.6	2096.7	2040.2	1963.1	1866.5	1762.0	1628.4
52.5°	2643.6	2681.2	2716.9	2747.5	2716.9	2681.2	2643.6	2582.4	2501.7	2416.4	2302.8
50°	3330.7	3372.6	3407.9	3435.0	3407.9	3372.6	3330.7	3261.3	3169.2	3065.2	2944.5
47.5°	4065.2	4116.5	4154.3	4179.7	4154.3	4116.5	4065.2	3985.0	3870.8	3733.6	3584.8
45°	4798.0	4885.9	4939.3	4948.7	4939.3	4885.9	4798.0	4687.9	4559.2	4396.6	4199.7
42.5°	5534.7	5618.9	5675.7	5717.6	5675.7	5618.9	5534.7	5411.0	5267.9	5090.1	4881.1
40°	6367.7	6473.5	6521.9	6491.0	6521.9	6473.5	6367.7	6219.2	6041.1	5830.7	5592.5
37.5°	7221.1	7329.9	7385.9	7383.3	7385.9	7329.9	7221.1	7061.6	6854.8	6608.5	6329.4
35°	8125.9	8260.7	8333.7	8315.3	8333.7	8260.7	8125.9	7932.0	7682.6	7392.5	7083.4
32.5°	9022.3	9185.2	9290.4	9306.8	9290.4	9185.2	9022.3	8809.5	8543.3	8222.1	7856.8
30°	9921.3	10097.5	10202.1	10212.4	10202.1	10097.5	9921.3	9678.8	9376.3	9026.5	8630.0
27.5°	10855.6	11052.7	11162.3	11188.5	11162.3	11052.7	10855.6	10567.4	10224.1	9826.3	9383.8
25°	11769.7	11988.4	12114.1	12162.3	12114.1	11988.4	11769.7	11451.8	11079.0	10641.3	10135.4
22.5°	12651.1	12891.0	13054.8	13096.5	13054.8	12891.0	12651.1	12321.1	11923.6	11465.0	10924.7
20°	13535.2	13818.2	14027.7	14048.4	14027.7	13818.2	13535.2	13162.6	12714.3	12214.5	11643.6
17.5°	14386.3	14692.6	14916.8	14971.6	14916.8	14692.6	14386.3	13981.4	13476.0	12921.5	12298.3
15°	15148.3	15469.7	15686.3	15733.9	15686.3	15469.7	15148.3	14727.3	14217.6	13614.1	12912.9
12.5°	15805.9	16102.2	16304.3	16381.7	16304.3	16102.2	15805.9	15385.1	14861.8	14213.0	13467.6
10°	16335.7	16564.5	16745.2	16826.7	16745.2	16564.5	16335.7	15916.5	15379.0	14706.4	13905.9
7.5°	16631.4	16819.7	16944.8	16989.8	16944.8	16819.7	16631.4	16297.9	15745.6	15036.4	14247.6
5°	16748.2	16928.8	16996.5	17036.1	16996.5	16928.8	16748.2	16401.7	15950.9	15308.2	14527.3
2.5°	16764.2	16908.7	17048.0	17139.6	17048.0	16908.7	16764.2	16504.6	16114.2	15505.9	14706.6
0°	16857.6	16998.6	17075.7	17119.8	17075.7	16998.6	16857.6	16624.0	16220.8	15625.9	14823.9
-2.5°	16764.2	16908.7	17048.0	17139.6	17048.0	16908.7	16764.2	16504.6	16114.2	15505.9	14706.6
-5°	16748.2	16928.8	16996.5	17036.1	16996.5	16928.8	16748.2	16401.7	15950.9	15308.2	14527.3
-7.5°	16631.4	16819.7	16944.8	16989.8	16944.8	16819.7	16631.4	16297.9	15745.6	15036.4	14247.6
-10°	16335.7	16564.5	16745.2	16826.7	16745.2	16564.5	16335.7	15916.5	15379.0	14706.4	13905.9
-12.5°	15805.9	16102.2	16304.3	16381.7	16304.3	16102.2	15805.9	15385.1	14861.8	14213.0	13467.6
-15°	15148.3	15469.7	15686.3	15733.9	15686.3	15469.7	15148.3	14727.3	14217.6	13614.1	12912.9
-17.5°	14386.3	14692.6	14916.8	14971.6	14916.8	14692.6	14386.3	13981.4	13476.0	12921.5	12298.3
-20°	13535.2	13818.2	14027.7	14048.4	14027.7	13818.2	13535.2	13162.6	12714.3	12214.5	11643.6



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12651.1	12891.0	13054.8	13096.5	13054.8	12891.0	12651.1	12321.1	11923.6	11465.0	10924.7
-25°	11769.7	11988.4	12114.1	12162.3	12114.1	11988.4	11769.7	11451.8	11079.0	10641.3	10135.4
-27.5°	10855.6	11052.7	11162.3	11188.5	11162.3	11052.7	10855.6	10567.4	10224.1	9826.3	9383.8
-30°	9921.3	10097.5	10202.1	10212.4	10202.1	10097.5	9921.3	9678.8	9376.3	9026.5	8630.0
-32.5°	9022.3	9185.2	9290.4	9306.8	9290.4	9185.2	9022.3	8809.5	8543.3	8222.1	7856.8
-35°	8125.9	8260.7	8333.7	8315.3	8333.7	8260.7	8125.9	7932.0	7682.6	7392.5	7083.4
-37.5°	7221.1	7329.9	7385.9	7383.3	7385.9	7329.9	7221.1	7061.6	6854.8	6608.5	6329.4
-40°	6367.7	6473.5	6521.9	6491.0	6521.9	6473.5	6367.7	6219.2	6041.1	5830.7	5592.5
-42.5°	5534.7	5618.9	5675.7	5717.6	5675.7	5618.9	5534.7	5411.0	5267.9	5090.1	4881.1
-45°	4798.0	4885.9	4939.3	4948.7	4939.3	4885.9	4798.0	4687.9	4559.2	4396.6	4199.7
-47.5°	4065.2	4116.5	4154.3	4179.7	4154.3	4116.5	4065.2	3985.0	3870.8	3733.6	3584.8
-50°	3330.7	3372.6	3407.9	3435.0	3407.9	3372.6	3330.7	3261.3	3169.2	3065.2	2944.5
-52.5°	2643.6	2681.2	2716.9	2747.5	2716.9	2681.2	2643.6	2582.4	2501.7	2416.4	2302.8
-55°	2040.2	2096.7	2128.6	2137.2	2128.6	2096.7	2040.2	1963.1	1866.5	1762.0	1628.4
-57.5°	1379.9	1433.0	1480.4	1515.9	1480.4	1433.0	1379.9	1308.8	1220.0	1118.9	1003.3
-60°	776.3	801.0	812.0	813.0	812.0	801.0	776.3	746.4	712.1	676.6	635.2
-62.5°	518.6	526.1	534.2	539.8	534.2	526.1	518.6	507.2	492.0	475.3	460.5
-65°	363.6	365.7	367.4	368.0	367.4	365.7	363.6	360.0	354.8	352.7	350.0
-67.5°	300.9	304.1	304.7	304.1	304.7	304.1	300.9	296.8	291.9	286.0	279.0
-70°	239.8	242.8	241.6	238.0	241.6	242.8	239.8	237.3	236.2	235.4	230.9
-72.5°	136.4	115.3	100.7	85.9	100.7	115.3	136.4	157.1	177.6	192.1	189.9
-75°	92.4	67.5	66.0	66.1	66.0	67.5	92.4	116.6	140.1	158.0	156.5
-77.5°	70.7	51.3	49.6	48.5	49.6	51.3	70.7	89.1	106.2	119.7	119.3
-80°	41.7	33.1	34.1	35.3	34.1	33.1	41.7	50.0	57.9	65.2	70.1
-82.5°	25.1	19.8	20.9	22.0	20.9	19.8	25.1	30.1	34.9	39.1	41.4
-85°	9.8	8.8	8.8	8.8	8.8	8.8	9.8	10.7	11.6	12.4	12.2
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-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: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-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°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	2.2	2.5	2.8	3.1
85°	11.9	11.5	11.2	12.0	12.7	13.2	13.4	11.7	10.3	9.0	8.1
82.5°	43.2	44.4	44.8	42.1	39.5	37.1	34.5	28.9	23.7	19.1	15.5
80°	74.4	78.2	80.6	78.1	74.9	70.8	64.8	53.0	42.7	34.2	28.8
77.5°	118.8	118.6	117.8	113.6	109.8	106.7	100.6	82.9	65.7	50.5	42.9
75°	154.8	153.2	150.6	145.4	139.5	132.9	124.8	112.7	97.6	79.2	66.3
72.5°	187.2	183.9	179.6	174.0	167.6	161.2	153.4	143.4	131.7	118.3	107.7
70°	226.1	220.8	215.0	208.6	202.0	194.7	186.9	177.1	164.8	151.6	144.1
67.5°	271.5	263.4	256.2	246.3	238.0	229.3	224.7	216.4	205.2	191.6	182.3
65°	340.9	324.4	313.9	313.2	305.0	288.1	271.5	263.4	254.2	239.0	223.0
62.5°	448.3	439.8	417.7	397.5	382.7	371.4	349.9	327.1	309.3	293.7	272.8
60°	587.0	532.7	510.2	485.6	457.8	430.6	412.3	390.1	363.8	343.0	321.6
57.5°	873.7	767.5	705.4	636.7	561.6	519.9	489.8	455.0	425.4	396.3	369.3
55°	1464.3	1310.7	1146.8	957.3	780.0	700.9	613.1	544.0	501.3	452.4	420.1
52.5°	2157.3	1972.4	1766.3	1540.0	1309.8	1065.0	823.5	721.1	603.3	530.7	476.8
50°	2800.1	2607.6	2404.5	2182.1	1907.5	1609.4	1318.4	1028.2	791.1	655.7	547.7
47.5°	3409.1	3198.6	2973.2	2733.6	2480.3	2198.6	1857.9	1500.6	1164.5	827.3	680.1
45°	3999.9	3773.4	3520.8	3260.0	2988.4	2699.5	2394.8	2028.1	1624.0	1236.1	835.5
42.5°	4638.0	4364.4	4081.0	3789.5	3478.6	3171.3	2848.7	2504.8	2117.0	1671.4	1237.8
40°	5315.0	5012.0	4688.6	4342.4	3997.2	3632.3	3284.4	2922.7	2545.4	2124.5	1635.6
37.5°	6009.4	5661.5	5309.8	4928.3	4535.0	4134.0	3727.9	3329.5	2926.3	2515.1	2041.8
35°	6731.1	6346.6	5939.6	5523.1	5079.9	4643.5	4195.9	3743.2	3302.3	2863.2	2410.8
32.5°	7459.7	7038.0	6582.1	6120.7	5641.1	5149.7	4664.8	4173.4	3669.7	3201.5	2727.7
30°	8193.8	7726.7	7230.1	6703.4	6180.9	5655.2	5121.3	4582.5	4043.1	3523.0	3031.8
27.5°	8914.8	8407.3	7867.1	7294.7	6697.2	6133.3	5559.3	4975.4	4394.6	3840.9	3313.5
25°	9625.9	9069.9	8470.8	7858.3	7231.6	6574.4	5964.7	5350.7	4739.6	4137.7	3568.3
22.5°	10334.2	9711.8	9053.0	8377.3	7720.0	7028.0	6347.6	5695.6	5058.1	4420.3	3817.6
20°	11012.6	10327.2	9616.5	8884.8	8156.9	7443.9	6711.8	6018.6	5345.2	4684.6	4049.2
17.5°	11611.8	10885.7	10138.4	9348.2	8571.1	7813.3	7055.7	6314.3	5605.1	4914.5	4259.0
15°	12165.1	11394.5	10599.9	9773.4	8947.4	8136.1	7353.2	6574.8	5838.2	5118.8	4445.1
12.5°	12667.5	11850.7	11017.8	10146.5	9279.9	8421.6	7606.1	6809.5	6041.9	5300.9	4602.1
10°	13078.0	12228.5	11363.0	10469.4	9566.8	8670.3	7815.8	6998.8	6205.9	5445.9	4732.8
7.5°	13411.3	12525.3	11626.6	10724.9	9795.0	8877.9	7990.6	7141.9	6334.0	5551.9	4835.7
5°	13671.4	12759.1	11828.3	10912.8	9959.8	9023.3	8121.2	7238.2	6423.8	5619.9	4909.7
2.5°	13849.9	12918.1	11953.8	11026.2	10066.8	9113.8	8218.4	7312.7	6487.8	5691.5	4974.6
0°	13958.0	13037.0	12047.7	11104.7	10163.9	9163.6	8284.5	7363.5	6515.2	5737.4	5008.1
-2.5°	13849.9	12918.1	11953.8	11026.2	10066.8	9113.8	8218.4	7312.7	6487.8	5691.5	4974.6
-5°	13671.4	12759.1	11828.3	10912.8	9959.8	9023.3	8121.2	7238.2	6423.8	5619.9	4909.7
-7.5°	13411.3	12525.3	11626.6	10724.9	9795.0	8877.9	7990.6	7141.9	6334.0	5551.9	4835.7
-10°	13078.0	12228.5	11363.0	10469.4	9566.8	8670.3	7815.8	6998.8	6205.9	5445.9	4732.8
-12.5°	12667.5	11850.7	11017.8	10146.5	9279.9	8421.6	7606.1	6809.5	6041.9	5300.9	4602.1
-15°	12165.1	11394.5	10599.9	9773.4	8947.4	8136.1	7353.2	6574.8	5838.2	5118.8	4445.1
-17.5°	11611.8	10885.7	10138.4	9348.2	8571.1	7813.3	7055.7	6314.3	5605.1	4914.5	4259.0
-20°	11012.6	10327.2	9616.5	8884.8	8156.9	7443.9	6711.8	6018.6	5345.2	4684.6	4049.2



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10334.2	9711.8	9053.0	8377.3	7720.0	7028.0	6347.6	5695.6	5058.1	4420.3	3817.6
-25°	9625.9	9069.9	8470.8	7858.3	7231.6	6574.4	5964.7	5350.7	4739.6	4137.7	3568.3
-27.5°	8914.8	8407.3	7867.1	7294.7	6697.2	6133.3	5559.3	4975.4	4394.6	3840.9	3313.5
-30°	8193.8	7726.7	7230.1	6703.4	6180.9	5655.2	5121.3	4582.5	4043.1	3523.0	3031.8
-32.5°	7459.7	7038.0	6582.1	6120.7	5641.1	5149.7	4664.8	4173.4	3669.7	3201.5	2727.7
-35°	6731.1	6346.6	5939.6	5523.1	5079.9	4643.5	4195.9	3743.2	3302.3	2863.2	2410.8
-37.5°	6009.4	5661.5	5309.8	4928.3	4535.0	4134.0	3727.9	3329.5	2926.3	2515.1	2041.8
-40°	5315.0	5012.0	4688.6	4342.4	3997.2	3632.3	3284.4	2922.7	2545.4	2124.5	1635.6
-42.5°	4638.0	4364.4	4081.0	3789.5	3478.6	3171.3	2848.7	2504.8	2117.0	1671.4	1237.8
-45°	3999.9	3773.4	3520.8	3260.0	2988.4	2699.5	2394.8	2028.1	1624.0	1236.1	835.5
-47.5°	3409.1	3198.6	2973.2	2733.6	2480.3	2198.6	1857.9	1500.6	1164.5	827.3	680.1
-50°	2800.1	2607.6	2404.5	2182.1	1907.5	1609.4	1318.4	1028.2	791.1	655.7	547.7
-52.5°	2157.3	1972.4	1766.3	1540.0	1309.8	1065.0	823.5	721.1	603.3	530.7	476.8
-55°	1464.3	1310.7	1146.8	957.3	780.0	700.9	613.1	544.0	501.3	452.4	420.1
-57.5°	873.7	767.5	705.4	636.7	561.6	519.9	489.8	455.0	425.4	396.3	369.3
-60°	587.0	532.7	510.2	485.6	457.8	430.6	412.3	390.1	363.8	343.0	321.6
-62.5°	448.3	439.8	417.7	397.5	382.7	371.4	349.9	327.1	309.3	293.7	272.8
-65°	340.9	324.4	313.9	313.2	305.0	288.1	271.5	263.4	254.2	239.0	223.0
-67.5°	271.5	263.4	256.2	246.3	238.0	229.3	224.7	216.4	205.2	191.6	182.3
-70°	226.1	220.8	215.0	208.6	202.0	194.7	186.9	177.1	164.8	151.6	144.1
-72.5°	187.2	183.9	179.6	174.0	167.6	161.2	153.4	143.4	131.7	118.3	107.7
-75°	154.8	153.2	150.6	145.4	139.5	132.9	124.8	112.7	97.6	79.2	66.3
-77.5°	118.8	118.6	117.8	113.6	109.8	106.7	100.6	82.9	65.7	50.5	42.9
-80°	74.4	78.2	80.6	78.1	74.9	70.8	64.8	53.0	42.7	34.2	28.8
-82.5°	43.2	44.4	44.8	42.1	39.5	37.1	34.5	28.9	23.7	19.1	15.5
-85°	11.9	11.5	11.2	12.0	12.7	13.2	13.4	11.7	10.3	9.0	8.1
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	2.2	2.5	2.8	3.1
-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: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-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°	3.0	2.8	2.7	2.5	2.7	2.8	2.8	2.8	2.5	2.3	2.0
85°	8.1	7.9	7.4	6.7	6.2	5.5	5.6	5.6	5.0	4.5	4.0
82.5°	15.6	15.7	15.8	15.6	15.5	14.9	13.9	12.4	9.7	7.1	5.9
80°	32.3	34.1	34.2	32.1	28.1	24.4	23.4	21.6	17.8	14.1	10.6
77.5°	49.3	54.1	57.0	55.8	49.8	43.9	38.2	32.2	25.8	21.1	16.6
75°	67.6	73.7	78.4	78.4	71.9	63.3	55.6	47.6	38.2	28.5	22.5
72.5°	102.3	99.9	100.6	101.1	95.6	87.2	76.0	62.9	52.0	40.9	29.6
70°	137.3	128.1	122.0	120.9	118.0	111.8	100.6	83.7	65.7	53.0	40.3
67.5°	174.0	164.9	153.1	142.9	139.1	133.7	125.1	105.3	84.0	65.1	50.8
65°	211.7	200.8	189.8	174.8	163.3	155.6	146.9	125.7	101.6	79.8	61.1
62.5°	252.8	235.1	221.0	204.7	189.2	177.5	168.2	145.2	118.9	94.0	72.3
60°	298.2	275.5	252.4	233.0	214.5	197.9	184.7	164.8	137.5	107.4	83.4
57.5°	344.1	316.4	287.6	261.9	240.2	219.5	200.4	181.2	156.1	123.7	93.4
55°	390.2	359.4	322.8	291.5	265.6	242.6	217.5	196.1	173.6	140.9	101.2
52.5°	434.8	399.7	360.7	321.8	290.1	264.1	236.4	210.9	187.3	157.9	112.6
50°	489.3	438.5	397.3	355.3	314.4	283.9	254.2	226.5	200.8	173.5	123.3
47.5°	552.3	487.9	433.7	387.9	343.7	303.4	271.8	241.3	214.3	185.6	132.7
45°	677.9	544.2	476.1	421.5	371.4	326.9	289.4	255.1	226.5	190.8	140.5
42.5°	821.5	649.3	526.0	454.7	401.2	350.4	306.5	270.3	237.9	194.2	144.9
40°	1167.0	780.5	593.3	499.0	431.2	372.4	326.0	285.3	247.5	196.3	146.6
37.5°	1521.9	1023.9	711.6	542.0	463.1	399.2	344.3	299.9	251.6	198.4	147.1
35°	1882.1	1342.2	827.5	619.6	501.3	425.2	361.1	314.3	260.9	200.4	146.3
32.5°	2224.0	1649.5	1093.4	722.5	538.0	450.2	380.8	328.8	272.6	202.5	144.3
30°	2517.3	1948.1	1356.7	820.7	589.1	481.3	402.6	342.4	286.6	204.4	142.2
27.5°	2784.1	2226.9	1604.3	1010.9	673.9	511.4	423.1	355.2	302.6	209.4	142.6
25°	3029.5	2464.7	1843.3	1219.6	753.4	539.9	441.8	367.3	315.4	220.3	142.7
22.5°	3246.3	2676.4	2062.0	1409.6	825.1	567.7	461.9	382.8	325.0	231.7	142.4
20°	3440.9	2868.8	2260.7	1585.1	943.0	627.1	483.5	396.6	333.8	243.6	141.6
17.5°	3615.9	3036.1	2427.7	1751.6	1083.9	679.6	503.3	408.6	341.7	255.5	140.2
15°	3786.7	3178.2	2569.5	1898.8	1208.1	725.1	521.1	418.9	348.6	267.0	139.5
12.5°	3930.3	3299.7	2689.1	2026.1	1314.8	763.5	536.8	427.5	354.6	277.3	138.6
10°	4045.5	3399.9	2786.4	2132.5	1403.5	794.8	550.1	433.9	359.2	285.8	135.8
7.5°	4132.4	3478.4	2861.5	2217.5	1473.7	820.6	558.6	437.6	362.9	292.6	131.5
5°	4194.9	3537.6	2916.2	2280.4	1524.5	841.7	564.0	439.6	365.7	297.4	126.0
2.5°	4246.7	3579.1	2950.4	2320.6	1555.4	856.2	566.6	439.8	367.4	299.9	119.5
0°	4272.2	3598.0	2963.5	2337.7	1566.6	863.7	566.3	438.5	368.0	299.7	112.4
-2.5°	4246.7	3579.1	2950.4	2320.6	1555.4	856.2	566.6	439.8	367.4	299.9	119.5
-5°	4194.9	3537.6	2916.2	2280.4	1524.5	841.7	564.0	439.6	365.7	297.4	126.0
-7.5°	4132.4	3478.4	2861.5	2217.5	1473.7	820.6	558.6	437.6	362.9	292.6	131.5
-10°	4045.5	3399.9	2786.4	2132.5	1403.5	794.8	550.1	433.9	359.2	285.8	135.8
-12.5°	3930.3	3299.7	2689.1	2026.1	1314.8	763.5	536.8	427.5	354.6	277.3	138.6
-15°	3786.7	3178.2	2569.5	1898.8	1208.1	725.1	521.1	418.9	348.6	267.0	139.5
-17.5°	3615.9	3036.1	2427.7	1751.6	1083.9	679.6	503.3	408.6	341.7	255.5	140.2
-20°	3440.9	2868.8	2260.7	1585.1	943.0	627.1	483.5	396.6	333.8	243.6	141.6



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3246.3	2676.4	2062.0	1409.6	825.1	567.7	461.9	382.8	325.0	231.7	142.4
-25°	3029.5	2464.7	1843.3	1219.6	753.4	539.9	441.8	367.3	315.4	220.3	142.7
-27.5°	2784.1	2226.9	1604.3	1010.9	673.9	511.4	423.1	355.2	302.6	209.4	142.6
-30°	2517.3	1948.1	1356.7	820.7	589.1	481.3	402.6	342.4	286.6	204.4	142.2
-32.5°	2224.0	1649.5	1093.4	722.5	538.0	450.2	380.8	328.8	272.6	202.5	144.3
-35°	1882.1	1342.2	827.5	619.6	501.3	425.2	361.1	314.3	260.9	200.4	146.3
-37.5°	1521.9	1023.9	711.6	542.0	463.1	399.2	344.3	299.9	251.6	198.4	147.1
-40°	1167.0	780.5	593.3	499.0	431.2	372.4	326.0	285.3	247.5	196.3	146.6
-42.5°	821.5	649.3	526.0	454.7	401.2	350.4	306.5	270.3	237.9	194.2	144.9
-45°	677.9	544.2	476.1	421.5	371.4	326.9	289.4	255.1	226.5	190.8	140.5
-47.5°	552.3	487.9	433.7	387.9	343.7	303.4	271.8	241.3	214.3	185.6	132.7
-50°	489.3	438.5	397.3	355.3	314.4	283.9	254.2	226.5	200.8	173.5	123.3
-52.5°	434.8	399.7	360.7	321.8	290.1	264.1	236.4	210.9	187.3	157.9	112.6
-55°	390.2	359.4	322.8	291.5	265.6	242.6	217.5	196.1	173.6	140.9	101.2
-57.5°	344.1	316.4	287.6	261.9	240.2	219.5	200.4	181.2	156.1	123.7	93.4
-60°	298.2	275.5	252.4	233.0	214.5	197.9	184.7	164.8	137.5	107.4	83.4
-62.5°	252.8	235.1	221.0	204.7	189.2	177.5	168.2	145.2	118.9	94.0	72.3
-65°	211.7	200.8	189.8	174.8	163.3	155.6	146.9	125.7	101.6	79.8	61.1
-67.5°	174.0	164.9	153.1	142.9	139.1	133.7	125.1	105.3	84.0	65.1	50.8
-70°	137.3	128.1	122.0	120.9	118.0	111.8	100.6	83.7	65.7	53.0	40.3
-72.5°	102.3	99.9	100.6	101.1	95.6	87.2	76.0	62.9	52.0	40.9	29.6
-75°	67.6	73.7	78.4	78.4	71.9	63.3	55.6	47.6	38.2	28.5	22.5
-77.5°	49.3	54.1	57.0	55.8	49.8	43.9	38.2	32.2	25.8	21.1	16.6
-80°	32.3	34.1	34.2	32.1	28.1	24.4	23.4	21.6	17.8	14.1	10.6
-82.5°	15.6	15.7	15.8	15.6	15.5	14.9	13.9	12.4	9.7	7.1	5.9
-85°	8.1	7.9	7.4	6.7	6.2	5.5	5.6	5.6	5.0	4.5	4.0
-87.5°	3.0	2.8	2.7	2.5	2.7	2.8	2.8	2.8	2.5	2.3	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**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°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
80°	7.2	5.7	4.6	3.4	2.3	1.1	0.0
77.5°	12.1	7.8	5.7	4.3	2.9	1.4	0.0
75°	16.9	11.3	7.0	5.1	3.4	1.7	0.0
72.5°	21.6	14.7	9.3	5.9	4.0	2.0	0.0
70°	26.6	17.9	11.5	6.9	4.5	2.3	0.0
67.5°	34.7	21.0	13.7	8.2	5.0	2.5	0.0
65°	42.3	25.2	15.7	9.5	5.6	2.8	0.0
62.5°	49.3	30.2	17.6	10.7	6.1	3.0	0.0
60°	55.8	34.7	19.4	11.8	6.6	3.3	0.0
57.5°	62.3	38.9	22.1	12.9	7.2	3.5	0.0
55°	68.1	42.6	24.5	13.8	7.9	3.8	0.0
52.5°	73.1	45.8	26.7	14.7	8.5	4.0	0.0
50°	77.3	48.8	28.6	15.5	9.1	4.2	0.0
47.5°	81.1	51.3	30.1	16.3	9.7	4.5	0.0
45°	87.7	53.1	31.3	17.2	10.2	4.7	0.0
42.5°	93.1	54.4	32.2	17.8	10.8	4.9	0.0
40°	97.5	55.0	32.8	18.6	11.3	5.1	0.0
37.5°	100.8	55.0	33.1	19.6	11.8	5.2	0.0
35°	102.9	56.2	33.0	20.4	12.2	5.4	0.0
32.5°	103.4	57.7	32.5	21.2	12.6	5.6	0.0
30°	101.4	58.5	31.7	22.0	13.0	5.7	0.0
27.5°	98.7	58.5	32.5	22.7	13.4	5.9	0.0
25°	95.1	57.8	33.5	23.3	13.7	6.0	0.0
22.5°	90.8	57.8	34.4	23.9	14.1	6.1	0.0
20°	85.7	60.5	35.3	24.4	14.3	6.2	0.0
17.5°	84.8	62.9	36.1	24.9	14.6	6.3	0.0
15°	86.5	64.9	36.9	25.3	14.8	6.4	0.0
12.5°	88.1	66.6	37.6	25.6	15.0	6.4	0.0
10°	89.4	68.0	38.2	25.9	15.1	6.5	0.0
7.5°	90.5	69.1	38.7	26.1	15.2	6.5	0.0
5°	91.4	69.9	39.1	26.3	15.3	6.6	0.0
2.5°	92.1	70.3	39.5	26.4	15.4	6.6	0.0
0°	92.5	70.5	39.7	26.4	15.4	6.6	0.0
-2.5°	92.1	70.3	39.5	26.4	15.4	6.6	0.0
-5°	91.4	69.9	39.1	26.3	15.3	6.6	0.0
-7.5°	90.5	69.1	38.7	26.1	15.2	6.5	0.0
-10°	89.4	68.0	38.2	25.9	15.1	6.5	0.0
-12.5°	88.1	66.6	37.6	25.6	15.0	6.4	0.0
-15°	86.5	64.9	36.9	25.3	14.8	6.4	0.0
-17.5°	84.8	62.9	36.1	24.9	14.6	6.3	0.0
-20°	85.7	60.5	35.3	24.4	14.3	6.2	0.0



REPORT NUMBER: P559171 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-927-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.8	57.8	34.4	23.9	14.1	6.1	0.0
-25°	95.1	57.8	33.5	23.3	13.7	6.0	0.0
-27.5°	98.7	58.5	32.5	22.7	13.4	5.9	0.0
-30°	101.4	58.5	31.7	22.0	13.0	5.7	0.0
-32.5°	103.4	57.7	32.5	21.2	12.6	5.6	0.0
-35°	102.9	56.2	33.0	20.4	12.2	5.4	0.0
-37.5°	100.8	55.0	33.1	19.6	11.8	5.2	0.0
-40°	97.5	55.0	32.8	18.6	11.3	5.1	0.0
-42.5°	93.1	54.4	32.2	17.8	10.8	4.9	0.0
-45°	87.7	53.1	31.3	17.2	10.2	4.7	0.0
-47.5°	81.1	51.3	30.1	16.3	9.7	4.5	0.0
-50°	77.3	48.8	28.6	15.5	9.1	4.2	0.0
-52.5°	73.1	45.8	26.7	14.7	8.5	4.0	0.0
-55°	68.1	42.6	24.5	13.8	7.9	3.8	0.0
-57.5°	62.3	38.9	22.1	12.9	7.2	3.5	0.0
-60°	55.8	34.7	19.4	11.8	6.6	3.3	0.0
-62.5°	49.3	30.2	17.6	10.7	6.1	3.0	0.0
-65°	42.3	25.2	15.7	9.5	5.6	2.8	0.0
-67.5°	34.7	21.0	13.7	8.2	5.0	2.5	0.0
-70°	26.6	17.9	11.5	6.9	4.5	2.3	0.0
-72.5°	21.6	14.7	9.3	5.9	4.0	2.0	0.0
-75°	16.9	11.3	7.0	5.1	3.4	1.7	0.0
-77.5°	12.1	7.8	5.7	4.3	2.9	1.4	0.0
-80°	7.2	5.7	4.6	3.4	2.3	1.1	0.0
-82.5°	5.1	4.3	3.4	2.6	1.7	0.9	0.0
-85°	3.4	2.9	2.3	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)