

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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558507 (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-SA1B-930-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

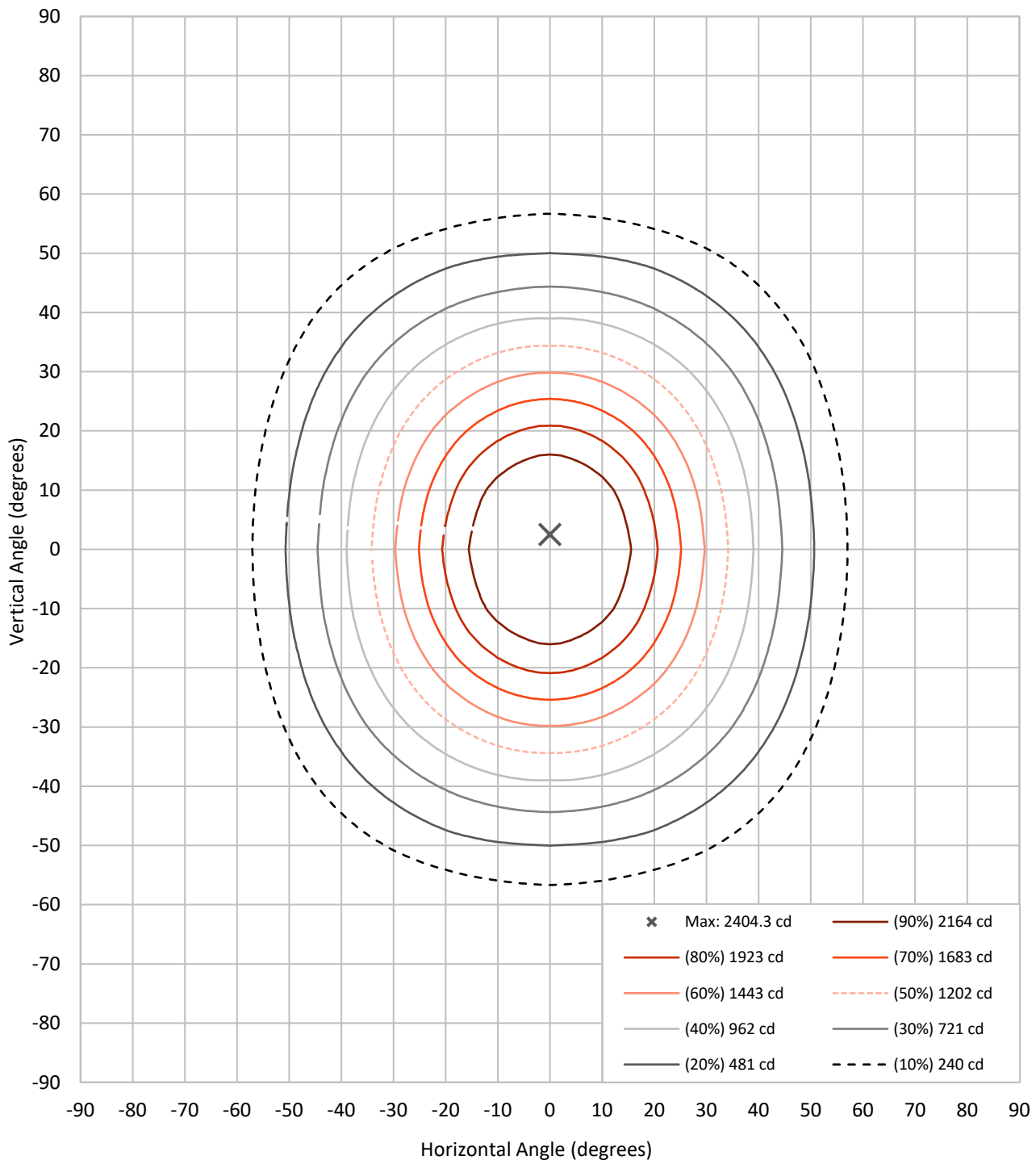
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3254.1 lumens	Max Intensity:	2404.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	1951 lumens	Field Lumens:	3108.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 33  
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





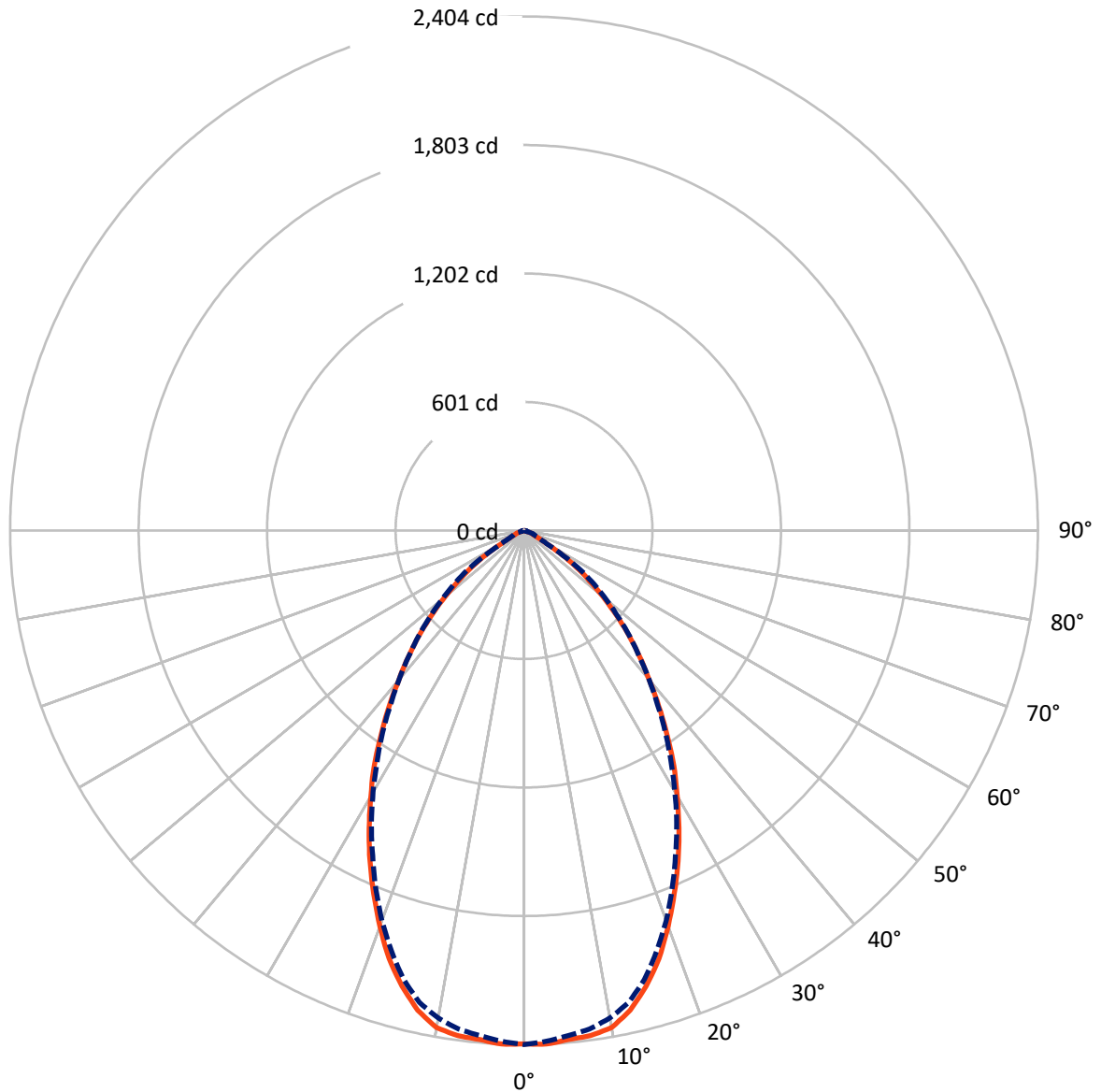
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### Lumen Table

90																			
80	0.0	0.3		0.8		1.4		1.0		1.4		0.8		0.3		0.0			
70																			
60	0.1	0.2	0.4	0.7	1.0	1.3	1.6	1.8	1.8	1.6	1.3	1.0	0.7	0.4	0.2	0.1			
50		0.4	0.7	1.3	2.5	4.9	7.3	8.8	8.8	7.3	4.9	2.5	1.3	0.7	0.4				
40	0.3	0.5	1.1	3.1	8.2	13.6	18.1	20.7	20.7	18.1	13.6	8.2	3.1	1.1	0.5	0.3			
30		0.6	1.8	7.2	14.7	23.0	30.5	34.9	34.9	30.5	23.0	14.7	7.2	1.8	0.6				
20	0.3	0.7	3.3	10.9	20.9	32.7	43.7	50.6	50.6	43.7	32.7	20.9	10.9	3.3	0.7	0.3			
10		0.8	4.8	13.5	25.7	40.9	55.6	65.0	65.0	55.6	40.9	25.7	13.5	4.8	0.8				
0	0.3	0.9	5.5	14.9	28.5	45.7	62.5	71.5	71.5	62.5	45.7	28.5	14.9	5.5	0.9	0.3			
-10		0.9	5.5	14.9	28.5	45.7	62.5	71.5	71.5	62.5	45.7	28.5	14.9	5.5	0.9				
-20	0.3	0.8	4.8	13.5	25.7	40.9	55.6	65.0	65.0	55.6	40.9	25.7	13.5	4.8	0.8	0.3			
-30		0.7	3.3	10.9	20.9	32.7	43.7	50.6	50.6	43.7	32.7	20.9	10.9	3.3	0.7				
-40	0.3	0.6	1.8	7.2	14.7	23.0	30.5	34.9	34.9	30.5	23.0	14.7	7.2	1.8	0.6	0.3			
-50		0.5	1.1	3.1	8.2	13.6	18.1	20.7	20.7	18.1	13.6	8.2	3.1	1.1	0.5				
-60	0.1	0.4	0.7	1.3	2.5	4.9	7.3	8.8	8.8	7.3	4.9	2.5	1.3	0.7	0.4	0.1			
-70		0.2	0.4	0.7	1.0	1.3	1.6	1.8	1.8	1.6	1.3	1.0	0.7	0.4	0.2				
-80																			
-90	0.0	0.3		0.8		1.4		1.0		1.4		0.8		0.3		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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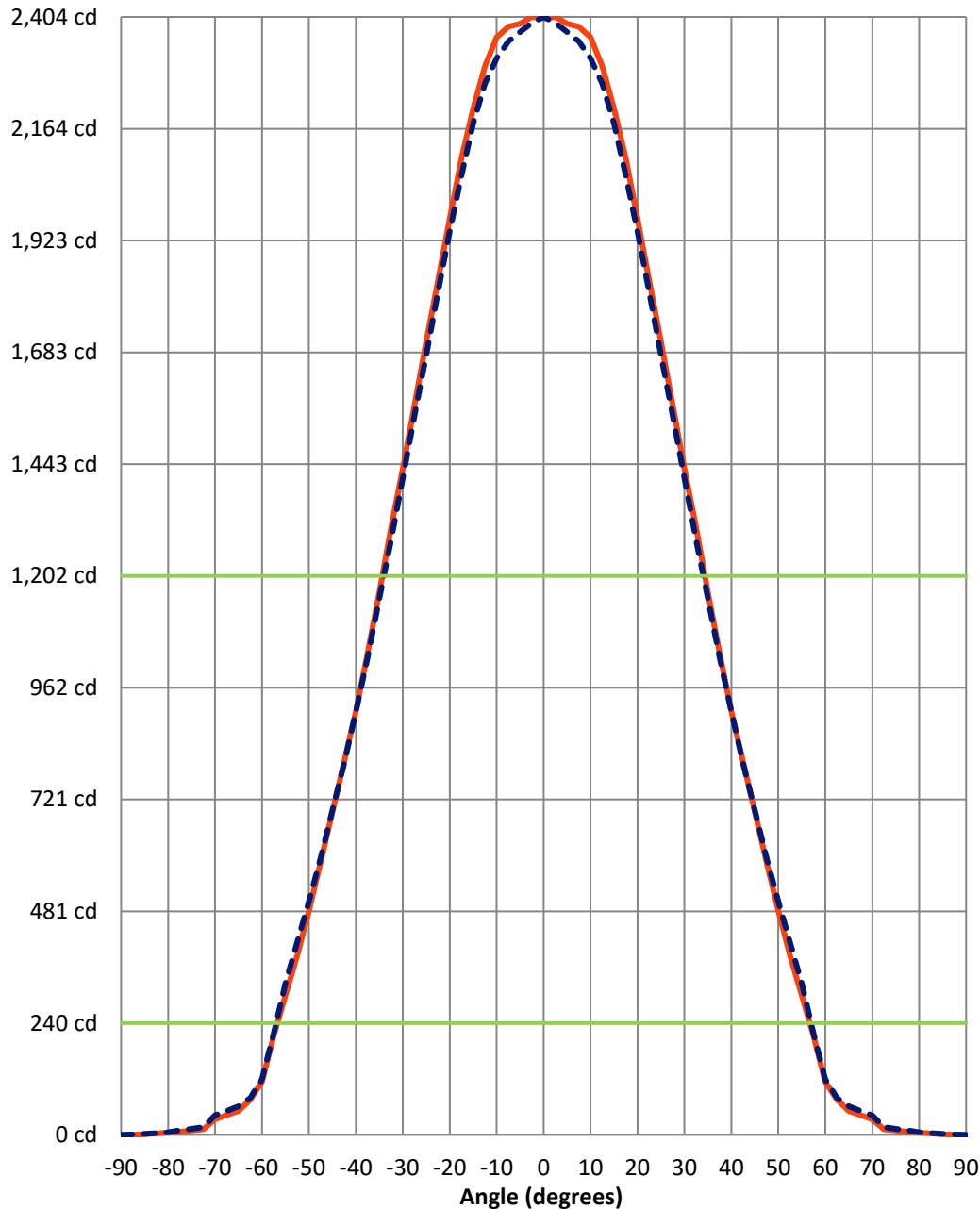
### Luminous Intensity Polar Plot



— 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: 1951  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 3108.5  
Efficiency: 95.5%

**Spill:**  
Lumens: 145.6  
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	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.3	1.7
80°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.5	2.0	2.5	3.0
77.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.7	2.3	3.0	3.6	4.5
75°	0.0	0.2	0.5	0.7	1.0	1.6	2.4	3.1	4.0	5.4	6.7
72.5°	0.0	0.3	0.5	0.8	1.3	2.1	3.0	4.2	5.7	7.3	8.8
70°	0.0	0.3	0.6	0.9	1.6	2.5	3.7	5.7	7.5	9.2	11.8
67.5°	0.0	0.3	0.7	1.1	1.9	3.0	4.9	7.1	9.2	11.8	14.8
65°	0.0	0.4	0.8	1.3	2.2	3.5	5.9	8.6	11.2	14.2	17.6
62.5°	0.0	0.4	0.8	1.5	2.5	4.2	6.9	10.2	13.2	16.7	20.4
60°	0.0	0.4	0.9	1.7	2.7	4.9	7.9	11.7	15.0	19.3	23.1
57.5°	0.0	0.5	1.0	1.8	3.1	5.5	8.8	13.1	17.3	21.9	25.4
55°	0.0	0.5	1.1	2.0	3.5	6.0	9.6	14.2	19.7	24.3	27.5
52.5°	0.0	0.5	1.2	2.1	3.8	6.4	10.3	15.8	22.1	26.3	29.6
50°	0.0	0.6	1.3	2.2	4.0	6.9	10.8	17.3	24.3	28.2	31.8
47.5°	0.0	0.6	1.4	2.3	4.2	7.2	11.4	18.6	26.0	30.1	33.9
45°	0.0	0.6	1.4	2.4	4.4	7.5	12.3	19.7	26.8	31.8	35.8
42.5°	0.0	0.7	1.5	2.5	4.5	7.6	13.1	20.3	27.3	33.4	37.9
40°	0.0	0.7	1.6	2.6	4.6	7.7	13.7	20.6	27.6	34.8	40.1
37.5°	0.0	0.7	1.7	2.8	4.6	7.7	14.1	20.6	27.9	35.3	42.1
35°	0.0	0.7	1.7	2.9	4.6	7.9	14.4	20.5	28.2	36.6	44.1
32.5°	0.0	0.8	1.8	3.0	4.6	8.1	14.5	20.3	28.4	38.3	46.1
30°	0.0	0.8	1.9	3.1	4.5	8.2	14.2	20.0	28.7	40.2	48.0
27.5°	0.0	0.8	1.9	3.2	4.6	8.2	13.9	20.0	29.4	42.5	49.8
25°	0.0	0.8	2.0	3.3	4.7	8.1	13.4	20.1	30.9	44.3	51.5
22.5°	0.0	0.8	2.0	3.4	4.9	8.1	12.8	20.0	32.5	45.6	53.7
20°	0.0	0.8	2.0	3.4	5.0	8.5	12.0	19.9	34.2	46.8	55.6
17.5°	0.0	0.9	2.1	3.5	5.1	8.8	11.9	19.7	35.9	47.9	57.3
15°	0.0	0.9	2.1	3.5	5.2	9.1	12.2	19.6	37.5	48.9	58.7
12.5°	0.0	0.9	2.1	3.6	5.3	9.4	12.4	19.5	38.9	49.7	59.9
10°	0.0	0.9	2.2	3.6	5.4	9.6	12.6	19.1	40.1	50.4	60.8
7.5°	0.0	0.9	2.2	3.7	5.5	9.7	12.7	18.5	41.0	50.9	61.4
5°	0.0	0.9	2.2	3.7	5.5	9.8	12.8	17.7	41.7	51.3	61.6
2.5°	0.0	0.9	2.2	3.7	5.6	9.9	12.9	16.8	42.0	51.5	61.7
0°	0.0	0.9	2.2	3.7	5.6	9.9	13.0	15.8	42.0	51.6	61.5
-2.5°	0.0	0.9	2.2	3.7	5.6	9.9	12.9	16.8	42.0	51.5	61.7
-5°	0.0	0.9	2.2	3.7	5.5	9.8	12.8	17.7	41.7	51.3	61.6
-7.5°	0.0	0.9	2.2	3.7	5.5	9.7	12.7	18.5	41.0	50.9	61.4
-10°	0.0	0.9	2.2	3.6	5.4	9.6	12.6	19.1	40.1	50.4	60.8
-12.5°	0.0	0.9	2.1	3.6	5.3	9.4	12.4	19.5	38.9	49.7	59.9
-15°	0.0	0.9	2.1	3.5	5.2	9.1	12.2	19.6	37.5	48.9	58.7
-17.5°	0.0	0.9	2.1	3.5	5.1	8.8	11.9	19.7	35.9	47.9	57.3
-20°	0.0	0.8	2.0	3.4	5.0	8.5	12.0	19.9	34.2	46.8	55.6



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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	0.8	2.0	3.4	4.9	8.1	12.8	20.0	32.5	45.6	53.7
-25°	0.0	0.8	2.0	3.3	4.7	8.1	13.4	20.1	30.9	44.3	51.5
-27.5°	0.0	0.8	1.9	3.2	4.6	8.2	13.9	20.0	29.4	42.5	49.8
-30°	0.0	0.8	1.9	3.1	4.5	8.2	14.2	20.0	28.7	40.2	48.0
-32.5°	0.0	0.8	1.8	3.0	4.6	8.1	14.5	20.3	28.4	38.3	46.1
-35°	0.0	0.7	1.7	2.9	4.6	7.9	14.4	20.5	28.2	36.6	44.1
-37.5°	0.0	0.7	1.7	2.8	4.6	7.7	14.1	20.6	27.9	35.3	42.1
-40°	0.0	0.7	1.6	2.6	4.6	7.7	13.7	20.6	27.6	34.8	40.1
-42.5°	0.0	0.7	1.5	2.5	4.5	7.6	13.1	20.3	27.3	33.4	37.9
-45°	0.0	0.6	1.4	2.4	4.4	7.5	12.3	19.7	26.8	31.8	35.8
-47.5°	0.0	0.6	1.4	2.3	4.2	7.2	11.4	18.6	26.0	30.1	33.9
-50°	0.0	0.6	1.3	2.2	4.0	6.9	10.8	17.3	24.3	28.2	31.8
-52.5°	0.0	0.5	1.2	2.1	3.8	6.4	10.3	15.8	22.1	26.3	29.6
-55°	0.0	0.5	1.1	2.0	3.5	6.0	9.6	14.2	19.7	24.3	27.5
-57.5°	0.0	0.5	1.0	1.8	3.1	5.5	8.8	13.1	17.3	21.9	25.4
-60°	0.0	0.4	0.9	1.7	2.7	4.9	7.9	11.7	15.0	19.3	23.1
-62.5°	0.0	0.4	0.8	1.5	2.5	4.2	6.9	10.2	13.2	16.7	20.4
-65°	0.0	0.4	0.8	1.3	2.2	3.5	5.9	8.6	11.2	14.2	17.6
-67.5°	0.0	0.3	0.7	1.1	1.9	3.0	4.9	7.1	9.2	11.8	14.8
-70°	0.0	0.3	0.6	0.9	1.6	2.5	3.7	5.7	7.5	9.2	11.8
-72.5°	0.0	0.3	0.5	0.8	1.3	2.1	3.0	4.2	5.7	7.3	8.8
-75°	0.0	0.2	0.5	0.7	1.0	1.6	2.4	3.1	4.0	5.4	6.7
-77.5°	0.0	0.2	0.4	0.6	0.8	1.1	1.7	2.3	3.0	3.6	4.5
-80°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.5	2.0	2.5	3.0
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.3	1.7
-85°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4
-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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**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°	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
85°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.3	1.5	1.7
82.5°	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.7	3.3	4.1
80°	3.3	3.4	4.0	4.5	4.8	4.8	4.5	4.0	4.8	6.0	7.4
77.5°	5.4	6.2	7.0	7.9	8.0	7.6	6.9	6.0	7.1	9.2	11.6
75°	7.8	8.9	10.1	11.0	11.0	10.3	9.5	9.3	11.1	13.7	15.8
72.5°	10.7	12.2	13.4	14.2	14.1	14.0	14.4	15.1	16.6	18.5	20.1
70°	14.1	15.7	16.5	16.9	17.1	18.0	19.3	20.3	21.3	23.2	24.9
67.5°	17.5	18.7	19.5	20.0	21.5	23.1	24.4	25.6	26.9	28.8	30.4
65°	20.6	21.8	22.9	24.5	26.6	28.2	29.7	31.3	33.5	35.7	36.9
62.5°	23.6	24.9	26.6	28.7	31.0	33.0	35.5	38.3	41.2	43.4	45.9
60°	25.9	27.8	30.1	32.7	35.4	38.6	41.8	45.1	48.1	51.0	54.7
57.5°	28.1	30.8	33.7	36.7	40.3	44.4	48.3	51.8	55.6	59.7	63.9
55°	30.5	34.1	37.3	40.9	45.3	50.4	54.7	59.0	63.5	70.4	76.3
52.5°	33.2	37.1	40.7	45.2	50.6	56.1	61.0	66.9	74.5	84.7	101.2
50°	35.7	39.9	44.1	49.9	55.8	61.5	68.6	76.8	92.0	111.0	144.2
47.5°	38.2	42.6	48.2	54.4	60.9	68.5	77.4	95.4	116.0	163.4	210.5
45°	40.6	45.9	52.1	59.2	66.8	76.3	95.1	117.2	173.4	227.8	284.5
42.5°	43.0	49.2	56.3	63.8	73.8	91.0	115.2	173.6	234.5	297.0	351.4
40°	45.7	52.3	60.5	70.0	83.2	109.4	163.7	229.5	298.0	357.0	410.0
37.5°	48.3	56.0	65.0	76.0	99.8	143.6	213.5	286.4	352.8	410.5	467.0
35°	50.7	59.7	70.3	86.9	116.0	188.3	264.0	338.2	401.6	463.2	525.1
32.5°	53.4	63.2	75.5	101.3	153.4	231.4	312.0	382.6	449.1	514.8	585.4
30°	56.5	67.5	82.6	115.1	190.3	273.3	353.1	425.3	494.2	567.2	642.8
27.5°	59.4	71.7	94.5	141.8	225.1	312.4	390.5	464.8	538.8	616.5	698.0
25°	62.0	75.7	105.7	171.1	258.6	345.7	425.0	500.6	580.4	664.9	750.6
22.5°	64.8	79.6	115.7	197.8	289.2	375.4	455.4	535.5	620.1	709.6	799.0
20°	67.8	88.0	132.3	222.4	317.1	402.4	482.7	568.0	657.2	749.8	844.3
17.5°	70.6	95.3	152.0	245.7	340.5	425.9	507.3	597.5	689.4	786.3	885.8
15°	73.1	101.7	169.5	266.4	360.4	445.8	531.2	623.6	718.1	819.0	922.3
12.5°	75.3	107.1	184.4	284.2	377.2	462.9	551.4	645.6	743.6	847.5	955.2
10°	77.2	111.5	196.9	299.2	390.9	477.0	567.5	663.9	763.9	870.5	981.8
7.5°	78.4	115.1	206.7	311.1	401.4	488.0	579.7	678.4	778.8	888.5	1001.9
5°	79.1	118.1	213.8	319.9	409.1	496.3	588.5	688.7	788.3	901.1	1015.4
2.5°	79.5	120.1	218.2	325.5	413.9	502.1	595.7	697.8	798.4	910.1	1025.8
0°	79.4	121.2	219.8	327.9	415.7	504.7	599.3	702.5	804.8	913.9	1032.9
-2.5°	79.5	120.1	218.2	325.5	413.9	502.1	595.7	697.8	798.4	910.1	1025.8
-5°	79.1	118.1	213.8	319.9	409.1	496.3	588.5	688.7	788.3	901.1	1015.4
-7.5°	78.4	115.1	206.7	311.1	401.4	488.0	579.7	678.4	778.8	888.5	1001.9
-10°	77.2	111.5	196.9	299.2	390.9	477.0	567.5	663.9	763.9	870.5	981.8
-12.5°	75.3	107.1	184.4	284.2	377.2	462.9	551.4	645.6	743.6	847.5	955.2
-15°	73.1	101.7	169.5	266.4	360.4	445.8	531.2	623.6	718.1	819.0	922.3
-17.5°	70.6	95.3	152.0	245.7	340.5	425.9	507.3	597.5	689.4	786.3	885.8
-20°	67.8	88.0	132.3	222.4	317.1	402.4	482.7	568.0	657.2	749.8	844.3



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	64.8	79.6	115.7	197.8	289.2	375.4	455.4	535.5	620.1	709.6	799.0
-25°	62.0	75.7	105.7	171.1	258.6	345.7	425.0	500.6	580.4	664.9	750.6
-27.5°	59.4	71.7	94.5	141.8	225.1	312.4	390.5	464.8	538.8	616.5	698.0
-30°	56.5	67.5	82.6	115.1	190.3	273.3	353.1	425.3	494.2	567.2	642.8
-32.5°	53.4	63.2	75.5	101.3	153.4	231.4	312.0	382.6	449.1	514.8	585.4
-35°	50.7	59.7	70.3	86.9	116.0	188.3	264.0	338.2	401.6	463.2	525.1
-37.5°	48.3	56.0	65.0	76.0	99.8	143.6	213.5	286.4	352.8	410.5	467.0
-40°	45.7	52.3	60.5	70.0	83.2	109.4	163.7	229.5	298.0	357.0	410.0
-42.5°	43.0	49.2	56.3	63.8	73.8	91.0	115.2	173.6	234.5	297.0	351.4
-45°	40.6	45.9	52.1	59.2	66.8	76.3	95.1	117.2	173.4	227.8	284.5
-47.5°	38.2	42.6	48.2	54.4	60.9	68.5	77.4	95.4	116.0	163.4	210.5
-50°	35.7	39.9	44.1	49.9	55.8	61.5	68.6	76.8	92.0	111.0	144.2
-52.5°	33.2	37.1	40.7	45.2	50.6	56.1	61.0	66.9	74.5	84.7	101.2
-55°	30.5	34.1	37.3	40.9	45.3	50.4	54.7	59.0	63.5	70.4	76.3
-57.5°	28.1	30.8	33.7	36.7	40.3	44.4	48.3	51.8	55.6	59.7	63.9
-60°	25.9	27.8	30.1	32.7	35.4	38.6	41.8	45.1	48.1	51.0	54.7
-62.5°	23.6	24.9	26.6	28.7	31.0	33.0	35.5	38.3	41.2	43.4	45.9
-65°	20.6	21.8	22.9	24.5	26.6	28.2	29.7	31.3	33.5	35.7	36.9
-67.5°	17.5	18.7	19.5	20.0	21.5	23.1	24.4	25.6	26.9	28.8	30.4
-70°	14.1	15.7	16.5	16.9	17.1	18.0	19.3	20.3	21.3	23.2	24.9
-72.5°	10.7	12.2	13.4	14.2	14.1	14.0	14.4	15.1	16.6	18.5	20.1
-75°	7.8	8.9	10.1	11.0	11.0	10.3	9.5	9.3	11.1	13.7	15.8
-77.5°	5.4	6.2	7.0	7.9	8.0	7.6	6.9	6.0	7.1	9.2	11.6
-80°	3.3	3.4	4.0	4.5	4.8	4.8	4.5	4.0	4.8	6.0	7.4
-82.5°	1.9	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.7	3.3	4.1
-85°	0.8	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.3	1.5	1.7
-87.5°	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.9	1.9	1.8	1.7	1.6	1.7	1.7	1.8	1.8	1.7	1.5
82.5°	4.8	5.2	5.5	5.9	6.3	6.2	6.1	5.8	5.5	4.9	4.2
80°	9.1	9.9	10.5	10.9	11.3	11.0	10.4	9.8	9.2	8.1	7.0
77.5°	14.1	14.9	15.4	15.9	16.5	16.7	16.7	16.7	16.8	14.9	12.5
75°	17.5	18.6	19.6	20.4	21.1	21.5	21.7	22.0	22.2	19.7	16.4
72.5°	21.5	22.6	23.5	24.4	25.2	25.8	26.2	26.6	26.9	24.9	22.0
70°	26.3	27.3	28.4	29.2	30.1	30.9	31.7	32.4	33.0	33.1	33.3
67.5°	31.5	32.2	33.4	34.5	35.9	36.9	38.1	39.1	40.1	41.0	41.7
65°	38.1	40.4	42.8	43.9	44.0	45.5	47.8	49.1	49.5	49.8	50.5
62.5°	49.1	52.1	53.7	55.8	58.6	61.7	62.9	64.6	66.7	69.0	71.1
60°	57.9	60.4	64.2	68.1	71.6	74.7	82.4	89.1	94.9	99.9	104.7
57.5°	68.7	72.9	78.8	89.3	99.0	107.7	122.6	140.8	157.0	171.2	183.6
55°	86.0	98.3	109.4	134.3	160.9	183.9	205.4	228.4	247.2	261.8	275.4
52.5°	115.5	149.4	183.8	216.1	247.8	276.7	302.6	323.0	338.9	350.9	362.3
50°	185.0	225.8	267.6	306.1	337.3	365.8	392.8	413.0	430.0	444.6	457.5
47.5°	260.7	308.4	347.9	383.5	417.1	448.7	478.2	502.9	523.7	543.0	559.0
45°	336.0	378.7	419.2	457.3	493.9	529.4	561.1	589.1	616.7	639.5	657.6
42.5°	399.6	444.9	488.0	531.6	572.5	612.3	650.6	684.7	714.0	739.0	759.0
40°	460.7	509.5	560.7	609.2	657.7	703.1	745.6	784.5	817.9	847.4	872.4
37.5°	522.9	579.9	636.2	691.3	744.9	794.2	843.0	887.9	927.0	961.6	990.6
35°	588.6	651.4	712.6	774.8	833.2	890.3	944.2	993.7	1037.0	1077.7	1112.7
32.5°	654.4	722.4	791.3	858.6	923.4	987.3	1046.5	1102.1	1153.4	1198.5	1235.8
30°	718.4	793.3	867.1	940.4	1014.2	1083.9	1149.4	1210.6	1266.2	1315.3	1357.7
27.5°	779.9	860.4	939.5	1023.3	1103.6	1179.3	1250.6	1316.4	1378.4	1434.2	1482.4
25°	836.7	922.2	1014.5	1102.3	1188.2	1272.3	1350.3	1421.8	1492.7	1554.1	1606.4
22.5°	890.5	985.9	1083.0	1175.1	1269.9	1362.3	1449.7	1532.5	1608.3	1672.6	1728.4
20°	941.5	1044.2	1144.2	1246.3	1349.0	1448.7	1544.8	1633.3	1713.5	1783.6	1846.4
17.5°	989.8	1096.0	1202.3	1311.4	1422.2	1527.0	1628.9	1725.2	1812.6	1890.4	1961.3
15°	1031.5	1141.3	1255.1	1371.0	1486.9	1598.4	1706.5	1811.4	1909.8	1994.4	2066.0
12.5°	1066.9	1181.3	1301.8	1423.4	1545.5	1662.4	1777.0	1889.2	1993.8	2084.8	2158.2
10°	1096.4	1216.2	1342.0	1468.6	1594.0	1715.4	1834.5	1950.7	2063.0	2157.4	2232.8
7.5°	1120.9	1245.4	1374.0	1504.5	1631.0	1757.1	1881.3	1998.7	2109.3	2208.8	2286.2
5°	1139.2	1265.8	1397.2	1530.9	1659.3	1789.9	1917.8	2037.8	2147.4	2237.6	2300.8
2.5°	1152.8	1278.5	1412.2	1546.7	1676.8	1812.2	1942.8	2063.1	2175.1	2260.5	2315.3
0°	1162.1	1285.5	1425.8	1557.8	1690.0	1828.8	1958.0	2079.5	2192.0	2275.4	2332.0
-2.5°	1152.8	1278.5	1412.2	1546.7	1676.8	1812.2	1942.8	2063.1	2175.1	2260.5	2315.3
-5°	1139.2	1265.8	1397.2	1530.9	1659.3	1789.9	1917.8	2037.8	2147.4	2237.6	2300.8
-7.5°	1120.9	1245.4	1374.0	1504.5	1631.0	1757.1	1881.3	1998.7	2109.3	2208.8	2286.2
-10°	1096.4	1216.2	1342.0	1468.6	1594.0	1715.4	1834.5	1950.7	2063.0	2157.4	2232.8
-12.5°	1066.9	1181.3	1301.8	1423.4	1545.5	1662.4	1777.0	1889.2	1993.8	2084.8	2158.2
-15°	1031.5	1141.3	1255.1	1371.0	1486.9	1598.4	1706.5	1811.4	1909.8	1994.4	2066.0
-17.5°	989.8	1096.0	1202.3	1311.4	1422.2	1527.0	1628.9	1725.2	1812.6	1890.4	1961.3
-20°	941.5	1044.2	1144.2	1246.3	1349.0	1448.7	1544.8	1633.3	1713.5	1783.6	1846.4



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	890.5	985.9	1083.0	1175.1	1269.9	1362.3	1449.7	1532.5	1608.3	1672.6	1728.4
-25°	836.7	922.2	1014.5	1102.3	1188.2	1272.3	1350.3	1421.8	1492.7	1554.1	1606.4
-27.5°	779.9	860.4	939.5	1023.3	1103.6	1179.3	1250.6	1316.4	1378.4	1434.2	1482.4
-30°	718.4	793.3	867.1	940.4	1014.2	1083.9	1149.4	1210.6	1266.2	1315.3	1357.7
-32.5°	654.4	722.4	791.3	858.6	923.4	987.3	1046.5	1102.1	1153.4	1198.5	1235.8
-35°	588.6	651.4	712.6	774.8	833.2	890.3	944.2	993.7	1037.0	1077.7	1112.7
-37.5°	522.9	579.9	636.2	691.3	744.9	794.2	843.0	887.9	927.0	961.6	990.6
-40°	460.7	509.5	560.7	609.2	657.7	703.1	745.6	784.5	817.9	847.4	872.4
-42.5°	399.6	444.9	488.0	531.6	572.5	612.3	650.6	684.7	714.0	739.0	759.0
-45°	336.0	378.7	419.2	457.3	493.9	529.4	561.1	589.1	616.7	639.5	657.6
-47.5°	260.7	308.4	347.9	383.5	417.1	448.7	478.2	502.9	523.7	543.0	559.0
-50°	185.0	225.8	267.6	306.1	337.3	365.8	392.8	413.0	430.0	444.6	457.5
-52.5°	115.5	149.4	183.8	216.1	247.8	276.7	302.6	323.0	338.9	350.9	362.3
-55°	86.0	98.3	109.4	134.3	160.9	183.9	205.4	228.4	247.2	261.8	275.4
-57.5°	68.7	72.9	78.8	89.3	99.0	107.7	122.6	140.8	157.0	171.2	183.6
-60°	57.9	60.4	64.2	68.1	71.6	74.7	82.4	89.1	94.9	99.9	104.7
-62.5°	49.1	52.1	53.7	55.8	58.6	61.7	62.9	64.6	66.7	69.0	71.1
-65°	38.1	40.4	42.8	43.9	44.0	45.5	47.8	49.1	49.5	49.8	50.5
-67.5°	31.5	32.2	33.4	34.5	35.9	36.9	38.1	39.1	40.1	41.0	41.7
-70°	26.3	27.3	28.4	29.2	30.1	30.9	31.7	32.4	33.0	33.1	33.3
-72.5°	21.5	22.6	23.5	24.4	25.2	25.8	26.2	26.6	26.9	24.9	22.0
-75°	17.5	18.6	19.6	20.4	21.1	21.5	21.7	22.0	22.2	19.7	16.4
-77.5°	14.1	14.9	15.4	15.9	16.5	16.7	16.7	16.7	16.8	14.9	12.5
-80°	9.1	9.9	10.5	10.9	11.3	11.0	10.4	9.8	9.2	8.1	7.0
-82.5°	4.8	5.2	5.5	5.9	6.3	6.2	6.1	5.8	5.5	4.9	4.2
-85°	1.9	1.9	1.8	1.7	1.6	1.7	1.7	1.8	1.8	1.7	1.5
-87.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.4	1.2	1.2	1.2	1.2	1.2	1.4	1.5	1.7	1.8	1.8
82.5°	3.5	2.8	2.9	3.1	2.9	2.8	3.5	4.2	4.9	5.5	5.8
80°	5.8	4.6	4.7	4.9	4.7	4.6	5.8	7.0	8.1	9.2	9.8
77.5°	9.9	7.2	6.9	6.8	6.9	7.2	9.9	12.5	14.9	16.8	16.7
75°	13.0	9.5	9.3	9.3	9.3	9.5	13.0	16.4	19.7	22.2	22.0
72.5°	19.1	16.2	14.2	12.1	14.2	16.2	19.1	22.0	24.9	26.9	26.6
70°	33.6	34.0	33.9	33.4	33.9	34.0	33.6	33.3	33.1	33.0	32.4
67.5°	42.2	42.7	42.8	42.7	42.8	42.7	42.2	41.7	41.0	40.1	39.1
65°	51.0	51.3	51.5	51.6	51.5	51.3	51.0	50.5	49.8	49.5	49.1
62.5°	72.7	73.8	74.9	75.7	74.9	73.8	72.7	71.1	69.0	66.7	64.6
60°	108.9	112.4	114.0	114.1	114.0	112.4	108.9	104.7	99.9	94.9	89.1
57.5°	193.6	201.1	207.7	212.6	207.7	201.1	193.6	183.6	171.2	157.0	140.8
55°	286.2	294.1	298.6	299.8	298.6	294.1	286.2	275.4	261.8	247.2	228.4
52.5°	370.9	376.1	381.1	385.4	381.1	376.1	370.9	362.3	350.9	338.9	323.0
50°	467.3	473.1	478.1	481.9	478.1	473.1	467.3	457.5	444.6	430.0	413.0
47.5°	570.3	577.5	582.8	586.3	582.8	577.5	570.3	559.0	543.0	523.7	502.9
45°	673.0	685.4	692.9	694.2	692.9	685.4	673.0	657.6	639.5	616.7	589.1
42.5°	776.4	788.2	796.2	802.1	796.2	788.2	776.4	759.0	739.0	714.0	684.7
40°	893.2	908.1	914.9	910.5	914.9	908.1	893.2	872.4	847.4	817.9	784.5
37.5°	1013.0	1028.2	1036.1	1035.7	1036.1	1028.2	1013.0	990.6	961.6	927.0	887.9
35°	1139.9	1158.8	1169.1	1166.5	1169.1	1158.8	1139.9	1112.7	1077.7	1037.0	993.7
32.5°	1265.6	1288.5	1303.2	1305.6	1303.2	1288.5	1265.6	1235.8	1198.5	1153.4	1102.1
30°	1391.8	1416.5	1431.2	1432.6	1431.2	1416.5	1391.8	1357.7	1315.3	1266.2	1210.6
27.5°	1522.8	1550.5	1565.9	1569.5	1565.9	1550.5	1522.8	1482.4	1434.2	1378.4	1316.4
25°	1651.0	1681.7	1699.4	1706.1	1699.4	1681.7	1651.0	1606.4	1554.1	1492.7	1421.8
22.5°	1774.7	1808.3	1831.3	1837.2	1831.3	1808.3	1774.7	1728.4	1672.6	1608.3	1532.5
20°	1898.7	1938.4	1967.8	1970.7	1967.8	1938.4	1898.7	1846.4	1783.6	1713.5	1633.3
17.5°	2018.1	2061.1	2092.5	2100.2	2092.5	2061.1	2018.1	1961.3	1890.4	1812.6	1725.2
15°	2125.0	2170.1	2200.4	2207.1	2200.4	2170.1	2125.0	2066.0	1994.4	1909.8	1811.4
12.5°	2217.2	2258.8	2287.2	2298.0	2287.2	2258.8	2217.2	2158.2	2084.8	1993.8	1889.2
10°	2291.5	2323.6	2349.0	2360.4	2349.0	2323.6	2291.5	2232.8	2157.4	2063.0	1950.7
7.5°	2333.1	2359.4	2377.0	2383.3	2377.0	2359.4	2333.1	2286.2	2208.8	2109.3	1998.7
5°	2349.4	2374.7	2384.2	2389.8	2384.2	2374.7	2349.4	2300.8	2237.6	2147.4	2037.8
2.5°	2351.7	2372.0	2391.5	2404.3	2391.5	2372.0	2351.7	2315.3	2260.5	2175.1	2063.1
0°	2364.8	2384.5	2395.4	2401.5	2395.4	2384.5	2364.8	2332.0	2275.4	2192.0	2079.5
-2.5°	2351.7	2372.0	2391.5	2404.3	2391.5	2372.0	2351.7	2315.3	2260.5	2175.1	2063.1
-5°	2349.4	2374.7	2384.2	2389.8	2384.2	2374.7	2349.4	2300.8	2237.6	2147.4	2037.8
-7.5°	2333.1	2359.4	2377.0	2383.3	2377.0	2359.4	2333.1	2286.2	2208.8	2109.3	1998.7
-10°	2291.5	2323.6	2349.0	2360.4	2349.0	2323.6	2291.5	2232.8	2157.4	2063.0	1950.7
-12.5°	2217.2	2258.8	2287.2	2298.0	2287.2	2258.8	2217.2	2158.2	2084.8	1993.8	1889.2
-15°	2125.0	2170.1	2200.4	2207.1	2200.4	2170.1	2125.0	2066.0	1994.4	1909.8	1811.4
-17.5°	2018.1	2061.1	2092.5	2100.2	2092.5	2061.1	2018.1	1961.3	1890.4	1812.6	1725.2
-20°	1898.7	1938.4	1967.8	1970.7	1967.8	1938.4	1898.7	1846.4	1783.6	1713.5	1633.3



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	1774.7	1808.3	1831.3	1837.2	1831.3	1808.3	1774.7	1728.4	1672.6	1608.3	1532.5
-25°	1651.0	1681.7	1699.4	1706.1	1699.4	1681.7	1651.0	1606.4	1554.1	1492.7	1421.8
-27.5°	1522.8	1550.5	1565.9	1569.5	1565.9	1550.5	1522.8	1482.4	1434.2	1378.4	1316.4
-30°	1391.8	1416.5	1431.2	1432.6	1431.2	1416.5	1391.8	1357.7	1315.3	1266.2	1210.6
-32.5°	1265.6	1288.5	1303.2	1305.6	1303.2	1288.5	1265.6	1235.8	1198.5	1153.4	1102.1
-35°	1139.9	1158.8	1169.1	1166.5	1169.1	1158.8	1139.9	1112.7	1077.7	1037.0	993.7
-37.5°	1013.0	1028.2	1036.1	1035.7	1036.1	1028.2	1013.0	990.6	961.6	927.0	887.9
-40°	893.2	908.1	914.9	910.5	914.9	908.1	893.2	872.4	847.4	817.9	784.5
-42.5°	776.4	788.2	796.2	802.1	796.2	788.2	776.4	759.0	739.0	714.0	684.7
-45°	673.0	685.4	692.9	694.2	692.9	685.4	673.0	657.6	639.5	616.7	589.1
-47.5°	570.3	577.5	582.8	586.3	582.8	577.5	570.3	559.0	543.0	523.7	502.9
-50°	467.3	473.1	478.1	481.9	478.1	473.1	467.3	457.5	444.6	430.0	413.0
-52.5°	370.9	376.1	381.1	385.4	381.1	376.1	370.9	362.3	350.9	338.9	323.0
-55°	286.2	294.1	298.6	299.8	298.6	294.1	286.2	275.4	261.8	247.2	228.4
-57.5°	193.6	201.1	207.7	212.6	207.7	201.1	193.6	183.6	171.2	157.0	140.8
-60°	108.9	112.4	114.0	114.1	114.0	112.4	108.9	104.7	99.9	94.9	89.1
-62.5°	72.7	73.8	74.9	75.7	74.9	73.8	72.7	71.1	69.0	66.7	64.6
-65°	51.0	51.3	51.5	51.6	51.5	51.3	51.0	50.5	49.8	49.5	49.1
-67.5°	42.2	42.7	42.8	42.7	42.8	42.7	42.2	41.7	41.0	40.1	39.1
-70°	33.6	34.0	33.9	33.4	33.9	34.0	33.6	33.3	33.1	33.0	32.4
-72.5°	19.1	16.2	14.2	12.1	14.2	16.2	19.1	22.0	24.9	26.9	26.6
-75°	13.0	9.5	9.3	9.3	9.3	9.5	13.0	16.4	19.7	22.2	22.0
-77.5°	9.9	7.2	6.9	6.8	6.9	7.2	9.9	12.5	14.9	16.8	16.7
-80°	5.8	4.6	4.7	4.9	4.7	4.6	5.8	7.0	8.1	9.2	9.8
-82.5°	3.5	2.8	2.9	3.1	2.9	2.8	3.5	4.2	4.9	5.5	5.8
-85°	1.4	1.2	1.2	1.2	1.2	1.2	1.4	1.5	1.7	1.8	1.8
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4
85°	1.7	1.7	1.6	1.7	1.8	1.9	1.9	1.7	1.5	1.3	1.1
82.5°	6.1	6.2	6.3	5.9	5.5	5.2	4.8	4.1	3.3	2.7	2.2
80°	10.4	11.0	11.3	10.9	10.5	9.9	9.1	7.4	6.0	4.8	4.0
77.5°	16.7	16.7	16.5	15.9	15.4	14.9	14.1	11.6	9.2	7.1	6.0
75°	21.7	21.5	21.1	20.4	19.6	18.6	17.5	15.8	13.7	11.1	9.3
72.5°	26.2	25.8	25.2	24.4	23.5	22.6	21.5	20.1	18.5	16.6	15.1
70°	31.7	30.9	30.1	29.2	28.4	27.3	26.3	24.9	23.2	21.3	20.3
67.5°	38.1	36.9	35.9	34.5	33.4	32.2	31.5	30.4	28.8	26.9	25.6
65°	47.8	45.5	44.0	43.9	42.8	40.4	38.1	36.9	35.7	33.5	31.3
62.5°	62.9	61.7	58.6	55.8	53.7	52.1	49.1	45.9	43.4	41.2	38.3
60°	82.4	74.7	71.6	68.1	64.2	60.4	57.9	54.7	51.0	48.1	45.1
57.5°	122.6	107.7	99.0	89.3	78.8	72.9	68.7	63.9	59.7	55.6	51.8
55°	205.4	183.9	160.9	134.3	109.4	98.3	86.0	76.3	70.4	63.5	59.0
52.5°	302.6	276.7	247.8	216.1	183.8	149.4	115.5	101.2	84.7	74.5	66.9
50°	392.8	365.8	337.3	306.1	267.6	225.8	185.0	144.2	111.0	92.0	76.8
47.5°	478.2	448.7	417.1	383.5	347.9	308.4	260.7	210.5	163.4	116.0	95.4
45°	561.1	529.4	493.9	457.3	419.2	378.7	336.0	284.5	227.8	173.4	117.2
42.5°	650.6	612.3	572.5	531.6	488.0	444.9	399.6	351.4	297.0	234.5	173.6
40°	745.6	703.1	657.7	609.2	560.7	509.5	460.7	410.0	357.0	298.0	229.5
37.5°	843.0	794.2	744.9	691.3	636.2	579.9	522.9	467.0	410.5	352.8	286.4
35°	944.2	890.3	833.2	774.8	712.6	651.4	588.6	525.1	463.2	401.6	338.2
32.5°	1046.5	987.3	923.4	858.6	791.3	722.4	654.4	585.4	514.8	449.1	382.6
30°	1149.4	1083.9	1014.2	940.4	867.1	793.3	718.4	642.8	567.2	494.2	425.3
27.5°	1250.6	1179.3	1103.6	1023.3	939.5	860.4	779.9	698.0	616.5	538.8	464.8
25°	1350.3	1272.3	1188.2	1102.3	1014.5	922.2	836.7	750.6	664.9	580.4	500.6
22.5°	1449.7	1362.3	1269.9	1175.1	1083.0	985.9	890.5	799.0	709.6	620.1	535.5
20°	1544.8	1448.7	1349.0	1246.3	1144.2	1044.2	941.5	844.3	749.8	657.2	568.0
17.5°	1628.9	1527.0	1422.2	1311.4	1202.3	1096.0	989.8	885.8	786.3	689.4	597.5
15°	1706.5	1598.4	1486.9	1371.0	1255.1	1141.3	1031.5	922.3	819.0	718.1	623.6
12.5°	1777.0	1662.4	1545.5	1423.4	1301.8	1181.3	1066.9	955.2	847.5	743.6	645.6
10°	1834.5	1715.4	1594.0	1468.6	1342.0	1216.2	1096.4	981.8	870.5	763.9	663.9
7.5°	1881.3	1757.1	1631.0	1504.5	1374.0	1245.4	1120.9	1001.9	888.5	778.8	678.4
5°	1917.8	1789.9	1659.3	1530.9	1397.2	1265.8	1139.2	1015.4	901.1	788.3	688.7
2.5°	1942.8	1812.2	1676.8	1546.7	1412.2	1278.5	1152.8	1025.8	910.1	798.4	697.8
0°	1958.0	1828.8	1690.0	1557.8	1425.8	1285.5	1162.1	1032.9	913.9	804.8	702.5
-2.5°	1942.8	1812.2	1676.8	1546.7	1412.2	1278.5	1152.8	1025.8	910.1	798.4	697.8
-5°	1917.8	1789.9	1659.3	1530.9	1397.2	1265.8	1139.2	1015.4	901.1	788.3	688.7
-7.5°	1881.3	1757.1	1631.0	1504.5	1374.0	1245.4	1120.9	1001.9	888.5	778.8	678.4
-10°	1834.5	1715.4	1594.0	1468.6	1342.0	1216.2	1096.4	981.8	870.5	763.9	663.9
-12.5°	1777.0	1662.4	1545.5	1423.4	1301.8	1181.3	1066.9	955.2	847.5	743.6	645.6
-15°	1706.5	1598.4	1486.9	1371.0	1255.1	1141.3	1031.5	922.3	819.0	718.1	623.6
-17.5°	1628.9	1527.0	1422.2	1311.4	1202.3	1096.0	989.8	885.8	786.3	689.4	597.5
-20°	1544.8	1448.7	1349.0	1246.3	1144.2	1044.2	941.5	844.3	749.8	657.2	568.0



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1449.7	1362.3	1269.9	1175.1	1083.0	985.9	890.5	799.0	709.6	620.1	535.5
-25°	1350.3	1272.3	1188.2	1102.3	1014.5	922.2	836.7	750.6	664.9	580.4	500.6
-27.5°	1250.6	1179.3	1103.6	1023.3	939.5	860.4	779.9	698.0	616.5	538.8	464.8
-30°	1149.4	1083.9	1014.2	940.4	867.1	793.3	718.4	642.8	567.2	494.2	425.3
-32.5°	1046.5	987.3	923.4	858.6	791.3	722.4	654.4	585.4	514.8	449.1	382.6
-35°	944.2	890.3	833.2	774.8	712.6	651.4	588.6	525.1	463.2	401.6	338.2
-37.5°	843.0	794.2	744.9	691.3	636.2	579.9	522.9	467.0	410.5	352.8	286.4
-40°	745.6	703.1	657.7	609.2	560.7	509.5	460.7	410.0	357.0	298.0	229.5
-42.5°	650.6	612.3	572.5	531.6	488.0	444.9	399.6	351.4	297.0	234.5	173.6
-45°	561.1	529.4	493.9	457.3	419.2	378.7	336.0	284.5	227.8	173.4	117.2
-47.5°	478.2	448.7	417.1	383.5	347.9	308.4	260.7	210.5	163.4	116.0	95.4
-50°	392.8	365.8	337.3	306.1	267.6	225.8	185.0	144.2	111.0	92.0	76.8
-52.5°	302.6	276.7	247.8	216.1	183.8	149.4	115.5	101.2	84.7	74.5	66.9
-55°	205.4	183.9	160.9	134.3	109.4	98.3	86.0	76.3	70.4	63.5	59.0
-57.5°	122.6	107.7	99.0	89.3	78.8	72.9	68.7	63.9	59.7	55.6	51.8
-60°	82.4	74.7	71.6	68.1	64.2	60.4	57.9	54.7	51.0	48.1	45.1
-62.5°	62.9	61.7	58.6	55.8	53.7	52.1	49.1	45.9	43.4	41.2	38.3
-65°	47.8	45.5	44.0	43.9	42.8	40.4	38.1	36.9	35.7	33.5	31.3
-67.5°	38.1	36.9	35.9	34.5	33.4	32.2	31.5	30.4	28.8	26.9	25.6
-70°	31.7	30.9	30.1	29.2	28.4	27.3	26.3	24.9	23.2	21.3	20.3
-72.5°	26.2	25.8	25.2	24.4	23.5	22.6	21.5	20.1	18.5	16.6	15.1
-75°	21.7	21.5	21.1	20.4	19.6	18.6	17.5	15.8	13.7	11.1	9.3
-77.5°	16.7	16.7	16.5	15.9	15.4	14.9	14.1	11.6	9.2	7.1	6.0
-80°	10.4	11.0	11.3	10.9	10.5	9.9	9.1	7.4	6.0	4.8	4.0
-82.5°	6.1	6.2	6.3	5.9	5.5	5.2	4.8	4.1	3.3	2.7	2.2
-85°	1.7	1.7	1.6	1.7	1.8	1.9	1.9	1.7	1.5	1.3	1.1
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4
-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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
85°	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5
82.5°	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.7	1.3	1.0	0.8
80°	4.5	4.8	4.8	4.5	4.0	3.4	3.3	3.0	2.5	2.0	1.5
77.5°	6.9	7.6	8.0	7.9	7.0	6.2	5.4	4.5	3.6	3.0	2.3
75°	9.5	10.3	11.0	11.0	10.1	8.9	7.8	6.7	5.4	4.0	3.1
72.5°	14.4	14.0	14.1	14.2	13.4	12.2	10.7	8.8	7.3	5.7	4.2
70°	19.3	18.0	17.1	16.9	16.5	15.7	14.1	11.8	9.2	7.5	5.7
67.5°	24.4	23.1	21.5	20.0	19.5	18.7	17.5	14.8	11.8	9.2	7.1
65°	29.7	28.2	26.6	24.5	22.9	21.8	20.6	17.6	14.2	11.2	8.6
62.5°	35.5	33.0	31.0	28.7	26.6	24.9	23.6	20.4	16.7	13.2	10.2
60°	41.8	38.6	35.4	32.7	30.1	27.8	25.9	23.1	19.3	15.0	11.7
57.5°	48.3	44.4	40.3	36.7	33.7	30.8	28.1	25.4	21.9	17.3	13.1
55°	54.7	50.4	45.3	40.9	37.3	34.1	30.5	27.5	24.3	19.7	14.2
52.5°	61.0	56.1	50.6	45.2	40.7	37.1	33.2	29.6	26.3	22.1	15.8
50°	68.6	61.5	55.8	49.9	44.1	39.9	35.7	31.8	28.2	24.3	17.3
47.5°	77.4	68.5	60.9	54.4	48.2	42.6	38.2	33.9	30.1	26.0	18.6
45°	95.1	76.3	66.8	59.2	52.1	45.9	40.6	35.8	31.8	26.8	19.7
42.5°	115.2	91.0	73.8	63.8	56.3	49.2	43.0	37.9	33.4	27.3	20.3
40°	163.7	109.4	83.2	70.0	60.5	52.3	45.7	40.1	34.8	27.6	20.6
37.5°	213.5	143.6	99.8	76.0	65.0	56.0	48.3	42.1	35.3	27.9	20.6
35°	264.0	188.3	116.0	86.9	70.3	59.7	50.7	44.1	36.6	28.2	20.5
32.5°	312.0	231.4	153.4	101.3	75.5	63.2	53.4	46.1	38.3	28.4	20.3
30°	353.1	273.3	190.3	115.1	82.6	67.5	56.5	48.0	40.2	28.7	20.0
27.5°	390.5	312.4	225.1	141.8	94.5	71.7	59.4	49.8	42.5	29.4	20.0
25°	425.0	345.7	258.6	171.1	105.7	75.7	62.0	51.5	44.3	30.9	20.1
22.5°	455.4	375.4	289.2	197.8	115.7	79.6	64.8	53.7	45.6	32.5	20.0
20°	482.7	402.4	317.1	222.4	132.3	88.0	67.8	55.6	46.8	34.2	19.9
17.5°	507.3	425.9	340.5	245.7	152.0	95.3	70.6	57.3	47.9	35.9	19.7
15°	531.2	445.8	360.4	266.4	169.5	101.7	73.1	58.7	48.9	37.5	19.6
12.5°	551.4	462.9	377.2	284.2	184.4	107.1	75.3	59.9	49.7	38.9	19.5
10°	567.5	477.0	390.9	299.2	196.9	111.5	77.2	60.8	50.4	40.1	19.1
7.5°	579.7	488.0	401.4	311.1	206.7	115.1	78.4	61.4	50.9	41.0	18.5
5°	588.5	496.3	409.1	319.9	213.8	118.1	79.1	61.6	51.3	41.7	17.7
2.5°	595.7	502.1	413.9	325.5	218.2	120.1	79.5	61.7	51.5	42.0	16.8
0°	599.3	504.7	415.7	327.9	219.8	121.2	79.4	61.5	51.6	42.0	15.8
-2.5°	595.7	502.1	413.9	325.5	218.2	120.1	79.5	61.7	51.5	42.0	16.8
-5°	588.5	496.3	409.1	319.9	213.8	118.1	79.1	61.6	51.3	41.7	17.7
-7.5°	579.7	488.0	401.4	311.1	206.7	115.1	78.4	61.4	50.9	41.0	18.5
-10°	567.5	477.0	390.9	299.2	196.9	111.5	77.2	60.8	50.4	40.1	19.1
-12.5°	551.4	462.9	377.2	284.2	184.4	107.1	75.3	59.9	49.7	38.9	19.5
-15°	531.2	445.8	360.4	266.4	169.5	101.7	73.1	58.7	48.9	37.5	19.6
-17.5°	507.3	425.9	340.5	245.7	152.0	95.3	70.6	57.3	47.9	35.9	19.7
-20°	482.7	402.4	317.1	222.4	132.3	88.0	67.8	55.6	46.8	34.2	19.9



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	455.4	375.4	289.2	197.8	115.7	79.6	64.8	53.7	45.6	32.5	20.0
-25°	425.0	345.7	258.6	171.1	105.7	75.7	62.0	51.5	44.3	30.9	20.1
-27.5°	390.5	312.4	225.1	141.8	94.5	71.7	59.4	49.8	42.5	29.4	20.0
-30°	353.1	273.3	190.3	115.1	82.6	67.5	56.5	48.0	40.2	28.7	20.0
-32.5°	312.0	231.4	153.4	101.3	75.5	63.2	53.4	46.1	38.3	28.4	20.3
-35°	264.0	188.3	116.0	86.9	70.3	59.7	50.7	44.1	36.6	28.2	20.5
-37.5°	213.5	143.6	99.8	76.0	65.0	56.0	48.3	42.1	35.3	27.9	20.6
-40°	163.7	109.4	83.2	70.0	60.5	52.3	45.7	40.1	34.8	27.6	20.6
-42.5°	115.2	91.0	73.8	63.8	56.3	49.2	43.0	37.9	33.4	27.3	20.3
-45°	95.1	76.3	66.8	59.2	52.1	45.9	40.6	35.8	31.8	26.8	19.7
-47.5°	77.4	68.5	60.9	54.4	48.2	42.6	38.2	33.9	30.1	26.0	18.6
-50°	68.6	61.5	55.8	49.9	44.1	39.9	35.7	31.8	28.2	24.3	17.3
-52.5°	61.0	56.1	50.6	45.2	40.7	37.1	33.2	29.6	26.3	22.1	15.8
-55°	54.7	50.4	45.3	40.9	37.3	34.1	30.5	27.5	24.3	19.7	14.2
-57.5°	48.3	44.4	40.3	36.7	33.7	30.8	28.1	25.4	21.9	17.3	13.1
-60°	41.8	38.6	35.4	32.7	30.1	27.8	25.9	23.1	19.3	15.0	11.7
-62.5°	35.5	33.0	31.0	28.7	26.6	24.9	23.6	20.4	16.7	13.2	10.2
-65°	29.7	28.2	26.6	24.5	22.9	21.8	20.6	17.6	14.2	11.2	8.6
-67.5°	24.4	23.1	21.5	20.0	19.5	18.7	17.5	14.8	11.8	9.2	7.1
-70°	19.3	18.0	17.1	16.9	16.5	15.7	14.1	11.8	9.2	7.5	5.7
-72.5°	14.4	14.0	14.1	14.2	13.4	12.2	10.7	8.8	7.3	5.7	4.2
-75°	9.5	10.3	11.0	11.0	10.1	8.9	7.8	6.7	5.4	4.0	3.1
-77.5°	6.9	7.6	8.0	7.9	7.0	6.2	5.4	4.5	3.6	3.0	2.3
-80°	4.5	4.8	4.8	4.5	4.0	3.4	3.3	3.0	2.5	2.0	1.5
-82.5°	2.2	2.2	2.2	2.2	2.2	2.1	1.9	1.7	1.3	1.0	0.8
-85°	1.1	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.6	0.5
-87.5°	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3
-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: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-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°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
80°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	1.7	1.1	0.8	0.6	0.4	0.2	0.0
75°	2.4	1.6	1.0	0.7	0.5	0.2	0.0
72.5°	3.0	2.1	1.3	0.8	0.5	0.3	0.0
70°	3.7	2.5	1.6	0.9	0.6	0.3	0.0
67.5°	4.9	3.0	1.9	1.1	0.7	0.3	0.0
65°	5.9	3.5	2.2	1.3	0.8	0.4	0.0
62.5°	6.9	4.2	2.5	1.5	0.8	0.4	0.0
60°	7.9	4.9	2.7	1.7	0.9	0.4	0.0
57.5°	8.8	5.5	3.1	1.8	1.0	0.5	0.0
55°	9.6	6.0	3.5	2.0	1.1	0.5	0.0
52.5°	10.3	6.4	3.8	2.1	1.2	0.5	0.0
50°	10.8	6.9	4.0	2.2	1.3	0.6	0.0
47.5°	11.4	7.2	4.2	2.3	1.4	0.6	0.0
45°	12.3	7.5	4.4	2.4	1.4	0.6	0.0
42.5°	13.1	7.6	4.5	2.5	1.5	0.7	0.0
40°	13.7	7.7	4.6	2.6	1.6	0.7	0.0
37.5°	14.1	7.7	4.6	2.8	1.7	0.7	0.0
35°	14.4	7.9	4.6	2.9	1.7	0.7	0.0
32.5°	14.5	8.1	4.6	3.0	1.8	0.8	0.0
30°	14.2	8.2	4.5	3.1	1.9	0.8	0.0
27.5°	13.9	8.2	4.6	3.2	1.9	0.8	0.0
25°	13.4	8.1	4.7	3.3	2.0	0.8	0.0
22.5°	12.8	8.1	4.9	3.4	2.0	0.8	0.0
20°	12.0	8.5	5.0	3.4	2.0	0.8	0.0
17.5°	11.9	8.8	5.1	3.5	2.1	0.9	0.0
15°	12.2	9.1	5.2	3.5	2.1	0.9	0.0
12.5°	12.4	9.4	5.3	3.6	2.1	0.9	0.0
10°	12.6	9.6	5.4	3.6	2.2	0.9	0.0
7.5°	12.7	9.7	5.5	3.7	2.2	0.9	0.0
5°	12.8	9.8	5.5	3.7	2.2	0.9	0.0
2.5°	12.9	9.9	5.6	3.7	2.2	0.9	0.0
0°	13.0	9.9	5.6	3.7	2.2	0.9	0.0
-2.5°	12.9	9.9	5.6	3.7	2.2	0.9	0.0
-5°	12.8	9.8	5.5	3.7	2.2	0.9	0.0
-7.5°	12.7	9.7	5.5	3.7	2.2	0.9	0.0
-10°	12.6	9.6	5.4	3.6	2.2	0.9	0.0
-12.5°	12.4	9.4	5.3	3.6	2.1	0.9	0.0
-15°	12.2	9.1	5.2	3.5	2.1	0.9	0.0
-17.5°	11.9	8.8	5.1	3.5	2.1	0.9	0.0
-20°	12.0	8.5	5.0	3.4	2.0	0.8	0.0



REPORT NUMBER: P558507 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.8	8.1	4.9	3.4	2.0	0.8	0.0
-25°	13.4	8.1	4.7	3.3	2.0	0.8	0.0
-27.5°	13.9	8.2	4.6	3.2	1.9	0.8	0.0
-30°	14.2	8.2	4.5	3.1	1.9	0.8	0.0
-32.5°	14.5	8.1	4.6	3.0	1.8	0.8	0.0
-35°	14.4	7.9	4.6	2.9	1.7	0.7	0.0
-37.5°	14.1	7.7	4.6	2.8	1.7	0.7	0.0
-40°	13.7	7.7	4.6	2.6	1.6	0.7	0.0
-42.5°	13.1	7.6	4.5	2.5	1.5	0.7	0.0
-45°	12.3	7.5	4.4	2.4	1.4	0.6	0.0
-47.5°	11.4	7.2	4.2	2.3	1.4	0.6	0.0
-50°	10.8	6.9	4.0	2.2	1.3	0.6	0.0
-52.5°	10.3	6.4	3.8	2.1	1.2	0.5	0.0
-55°	9.6	6.0	3.5	2.0	1.1	0.5	0.0
-57.5°	8.8	5.5	3.1	1.8	1.0	0.5	0.0
-60°	7.9	4.9	2.7	1.7	0.9	0.4	0.0
-62.5°	6.9	4.2	2.5	1.5	0.8	0.4	0.0
-65°	5.9	3.5	2.2	1.3	0.8	0.4	0.0
-67.5°	4.9	3.0	1.9	1.1	0.7	0.3	0.0
-70°	3.7	2.5	1.6	0.9	0.6	0.3	0.0
-72.5°	3.0	2.1	1.3	0.8	0.5	0.3	0.0
-75°	2.4	1.6	1.0	0.7	0.5	0.2	0.0
-77.5°	1.7	1.1	0.8	0.6	0.4	0.2	0.0
-80°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-82.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-85°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-87.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)