

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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1D-930-U-TSB-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

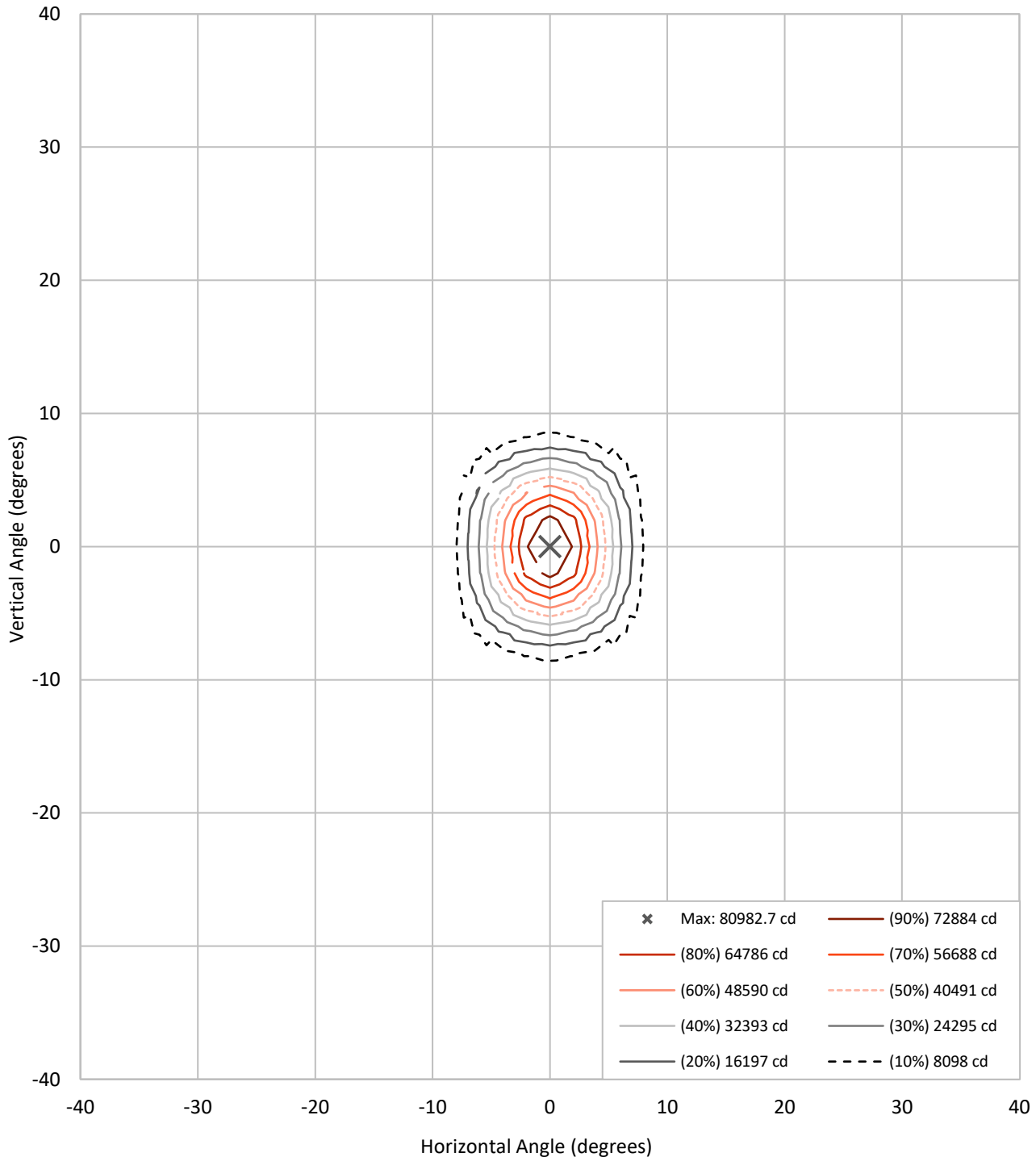
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3153.6 lumens	Max Intensity:	80982.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	57.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1351.7 lumens	Field Lumens:	2329.6 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 55  
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





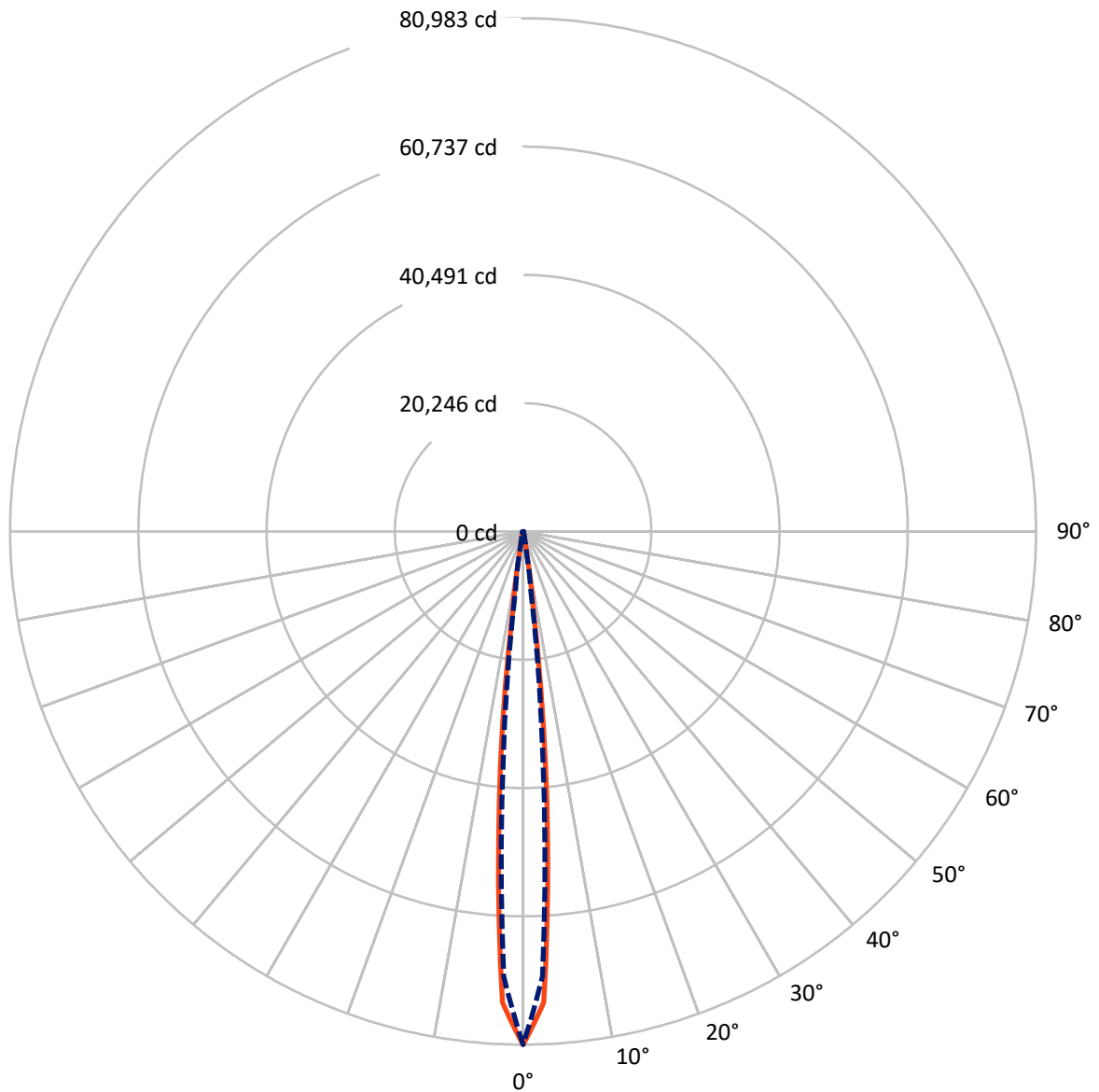
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### Lumen Table

90	0.0	0.1	0.3	0.8	1.3	0.8	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.8	1.3	0.8	0.3	0.1	0.0										
70	0.0	0.1	0.2	0.3	0.5	0.7	1.1	2.0	2.0	1.1	0.7	0.5	0.3	0.2	0.1	0.0			
60		0.1	0.3	0.6	1.0	1.4	1.9	2.5	2.5	1.9	1.4	1.0	0.6	0.3	0.1				
50	0.2	0.2	0.5	1.0	1.8	2.7	3.4	4.1	4.1	3.4	2.7	1.8	1.0	0.5	0.2	0.2			
40		0.3	0.7	1.5	2.8	3.7	4.2	4.5	4.5	4.2	3.7	2.8	1.5	0.7	0.3				
30	0.3	0.5	1.0	2.2	3.4	4.1	5.5	7.3	7.3	5.5	4.1	3.4	2.2	1.0	0.5	0.3			
20		0.7	1.3	2.7	3.8	5.3	10.8	21.7	21.7	10.8	5.3	3.8	2.7	1.3	0.7				
10	0.4	0.8	1.6	3.1	3.9	6.9	21.4	633.6	633.6	21.4	6.9	3.9	3.1	1.6	0.8	0.4			
0		0.8	1.6	3.1	3.9	6.9	21.4	633.6	633.6	21.4	6.9	3.9	3.1	1.6	0.8				
-10	0.3	0.7	1.3	2.7	3.8	5.3	10.8	21.7	21.7	10.8	5.3	3.8	2.7	1.3	0.7	0.3			
-20		0.5	1.0	2.2	3.4	4.1	5.5	7.3	7.3	5.5	4.1	3.4	2.2	1.0	0.5				
-30	0.2	0.3	0.7	1.5	2.8	3.7	4.2	4.5	4.5	4.2	3.7	2.8	1.5	0.7	0.3	0.2			
-40		0.2	0.5	1.0	1.8	2.7	3.4	4.1	4.1	3.4	2.7	1.8	1.0	0.5	0.2				
-50	0.0	0.1	0.3	0.6	1.0	1.4	1.9	2.5	2.5	1.9	1.4	1.0	0.6	0.3	0.1	0.0			
-60		0.1	0.2	0.3	0.5	0.7	1.1	2.0	2.0	1.1	0.7	0.5	0.3	0.2	0.1				
-70	0.0	0.1	0.2	0.3	0.5	0.7	1.1	2.0	2.0	1.1	0.7	0.5	0.3	0.2	0.1	0.0			
-80		0.1	0.2	0.3	0.5	0.7	1.1	2.0	2.0	1.1	0.7	0.5	0.3	0.2	0.1				
-90	0.0	0.1	0.3	0.8	1.3	0.8	0.3	0.1	0.0										

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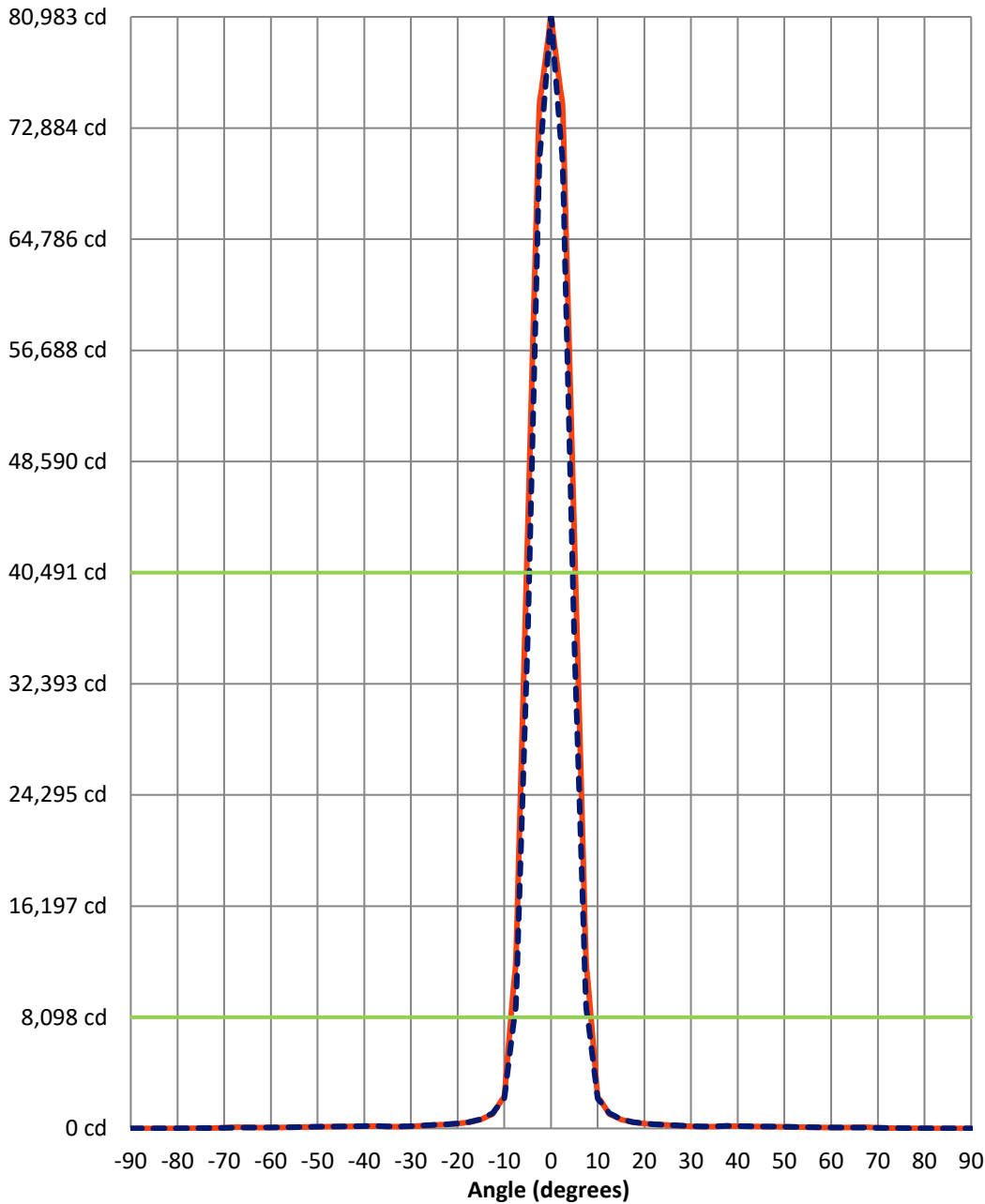
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 1351.7  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 2329.6  
Efficiency: 73.9%

**Spill:**  
Lumens: 824  
Efficiency: 26.1%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	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	0.9	0.9	0.9
80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.4
72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.6	1.8
70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.4	1.7	2.0	2.5
67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.3	1.8	2.1	2.8	3.3
65°	0.0	0.4	0.8	0.9	0.9	1.1	1.7	2.1	2.8	3.5	4.2
62.5°	0.0	0.4	0.8	0.9	0.9	1.4	2.0	2.7	3.5	4.4	5.4
60°	0.0	0.4	0.9	0.9	0.9	1.7	2.4	3.3	4.2	5.5	6.6
57.5°	0.0	0.5	0.9	0.9	1.1	2.0	2.9	4.0	5.2	6.7	8.0
55°	0.0	0.5	0.9	0.9	1.4	2.3	3.6	4.7	6.3	7.9	9.5
52.5°	0.0	0.5	0.9	0.9	1.6	2.6	4.2	5.7	7.4	9.3	11.1
50°	0.0	0.6	0.9	0.9	1.9	3.2	4.9	6.8	8.6	10.8	12.9
47.5°	0.0	0.6	0.9	0.9	2.1	3.8	5.6	8.0	9.9	12.2	14.9
45°	0.0	0.6	1.0	1.1	2.4	4.4	6.7	9.1	11.4	14.1	16.9
42.5°	0.0	0.7	1.0	1.3	2.6	5.0	7.7	10.5	13.1	15.9	19.3
40°	0.0	0.7	1.0	1.5	2.9	5.5	8.8	12.0	14.9	17.9	21.8
37.5°	0.0	0.7	1.0	1.6	3.4	6.1	9.8	13.5	17.0	20.4	24.4
35°	0.0	0.7	1.0	1.8	3.8	6.9	10.9	15.0	19.1	23.2	26.9
32.5°	0.0	0.8	1.1	1.9	4.3	7.7	12.1	16.6	21.2	26.2	30.1
30°	0.0	0.8	1.1	2.0	4.7	8.6	13.3	18.2	23.3	29.3	33.6
27.5°	0.0	0.8	1.1	2.1	4.9	9.4	14.6	19.9	25.6	32.4	37.6
25°	0.0	0.8	1.1	2.2	5.2	10.2	15.8	21.7	28.1	35.7	41.8
22.5°	0.0	0.8	1.2	2.2	5.3	10.8	17.0	23.3	30.7	39.1	45.4
20°	0.0	0.8	1.2	2.3	5.4	11.0	18.1	25.0	33.3	42.7	48.9
17.5°	0.0	0.9	1.2	2.3	5.5	11.2	18.8	26.6	35.8	46.4	52.4
15°	0.0	0.9	1.2	2.4	5.6	11.2	19.0	27.7	38.3	50.2	55.8
12.5°	0.0	0.9	1.3	2.4	5.6	11.2	19.1	28.3	39.9	53.9	59.1
10°	0.0	0.9	1.3	2.4	5.5	11.1	19.1	28.8	40.7	55.3	61.5
7.5°	0.0	0.9	1.3	2.4	5.5	11.0	19.1	29.3	41.3	56.2	61.9
5°	0.0	0.9	1.4	2.4	5.4	10.7	19.0	29.6	41.7	56.8	62.3
2.5°	0.0	0.9	1.4	2.3	5.2	10.4	18.7	29.8	41.9	57.1	62.5
0°	0.0	0.9	1.4	2.3	5.1	10.1	18.4	29.9	41.9	57.1	62.7
-2.5°	0.0	0.9	1.4	2.3	5.2	10.4	18.7	29.8	41.9	57.1	62.5
-5°	0.0	0.9	1.4	2.4	5.4	10.7	19.0	29.6	41.7	56.8	62.3
-7.5°	0.0	0.9	1.3	2.4	5.5	11.0	19.1	29.3	41.3	56.2	61.9
-10°	0.0	0.9	1.3	2.4	5.5	11.1	19.1	28.8	40.7	55.3	61.5
-12.5°	0.0	0.9	1.3	2.4	5.6	11.2	19.1	28.3	39.9	53.9	59.1
-15°	0.0	0.9	1.2	2.4	5.6	11.2	19.0	27.7	38.3	50.2	55.8
-17.5°	0.0	0.9	1.2	2.3	5.5	11.2	18.8	26.6	35.8	46.4	52.4
-20°	0.0	0.8	1.2	2.3	5.4	11.0	18.1	25.0	33.3	42.7	48.9



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**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	1.2	2.2	5.3	10.8	17.0	23.3	30.7	39.1	45.4
-25°	0.0	0.8	1.1	2.2	5.2	10.2	15.8	21.7	28.1	35.7	41.8
-27.5°	0.0	0.8	1.1	2.1	4.9	9.4	14.6	19.9	25.6	32.4	37.6
-30°	0.0	0.8	1.1	2.0	4.7	8.6	13.3	18.2	23.3	29.3	33.6
-32.5°	0.0	0.8	1.1	1.9	4.3	7.7	12.1	16.6	21.2	26.2	30.1
-35°	0.0	0.7	1.0	1.8	3.8	6.9	10.9	15.0	19.1	23.2	26.9
-37.5°	0.0	0.7	1.0	1.6	3.4	6.1	9.8	13.5	17.0	20.4	24.4
-40°	0.0	0.7	1.0	1.5	2.9	5.5	8.8	12.0	14.9	17.9	21.8
-42.5°	0.0	0.7	1.0	1.3	2.6	5.0	7.7	10.5	13.1	15.9	19.3
-45°	0.0	0.6	1.0	1.1	2.4	4.4	6.7	9.1	11.4	14.1	16.9
-47.5°	0.0	0.6	0.9	0.9	2.1	3.8	5.6	8.0	9.9	12.2	14.9
-50°	0.0	0.6	0.9	0.9	1.9	3.2	4.9	6.8	8.6	10.8	12.9
-52.5°	0.0	0.5	0.9	0.9	1.6	2.6	4.2	5.7	7.4	9.3	11.1
-55°	0.0	0.5	0.9	0.9	1.4	2.3	3.6	4.7	6.3	7.9	9.5
-57.5°	0.0	0.5	0.9	0.9	1.1	2.0	2.9	4.0	5.2	6.7	8.0
-60°	0.0	0.4	0.9	0.9	0.9	1.7	2.4	3.3	4.2	5.5	6.6
-62.5°	0.0	0.4	0.8	0.9	0.9	1.4	2.0	2.7	3.5	4.4	5.4
-65°	0.0	0.4	0.8	0.9	0.9	1.1	1.7	2.1	2.8	3.5	4.2
-67.5°	0.0	0.3	0.7	0.9	0.9	0.9	1.3	1.8	2.1	2.8	3.3
-70°	0.0	0.3	0.6	0.9	0.9	0.9	0.9	1.4	1.7	2.0	2.5
-72.5°	0.0	0.3	0.5	0.8	0.9	0.9	0.9	1.0	1.3	1.6	1.8
-75°	0.0	0.2	0.5	0.7	0.9	0.9	0.9	0.9	0.9	1.2	1.4
-77.5°	0.0	0.2	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	1.0
-80°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.9
-82.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	0.9	0.9
-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	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2
80°	0.9	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.2
77.5°	1.2	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.1	3.5	3.9
75°	1.6	1.8	2.2	2.7	3.2	3.6	3.9	4.4	5.0	5.7	6.4
72.5°	2.2	2.7	3.3	4.0	4.8	5.4	6.1	6.7	7.7	8.8	9.6
70°	3.0	3.7	4.7	5.7	6.7	7.6	8.8	10.3	11.8	12.6	13.1
67.5°	3.9	5.0	6.2	7.4	8.9	10.3	12.0	13.6	15.1	15.8	16.3
65°	5.1	6.3	7.8	9.3	10.9	12.6	14.4	16.2	17.8	18.7	19.6
62.5°	6.2	7.8	9.4	11.2	12.9	14.7	16.9	18.8	20.2	21.8	23.7
60°	7.7	9.2	11.1	13.0	15.0	17.6	19.8	21.8	23.7	25.5	28.5
57.5°	9.2	10.7	12.8	15.0	17.8	20.8	23.2	25.4	28.0	30.7	33.6
55°	10.9	12.2	14.5	17.3	20.5	24.1	26.9	29.9	32.9	35.3	37.9
52.5°	12.8	14.0	16.4	19.6	23.3	27.3	31.2	34.3	37.0	39.7	42.6
50°	14.8	16.3	18.2	22.1	26.2	30.7	35.1	38.2	41.3	44.5	47.8
47.5°	17.1	18.7	20.4	24.5	29.3	33.8	38.3	42.3	45.8	50.0	53.8
45°	19.6	21.5	23.3	27.2	32.0	36.7	41.6	46.5	51.4	56.3	62.4
42.5°	22.2	24.3	26.6	29.7	34.5	39.6	44.9	51.4	57.6	64.4	72.4
40°	24.8	27.1	29.9	32.6	36.9	42.6	49.1	56.4	65.1	74.0	83.6
37.5°	27.3	30.0	33.0	35.8	39.5	46.0	53.3	62.5	73.0	84.2	96.4
35°	29.8	32.8	35.8	39.1	43.3	49.6	58.6	69.0	81.6	95.7	106.9
32.5°	32.2	35.4	38.5	42.5	47.7	54.2	63.6	76.8	91.3	105.6	113.2
30°	35.2	37.8	41.2	45.6	51.9	60.2	70.5	84.6	101.2	111.0	117.9
27.5°	39.2	40.2	44.0	49.2	56.3	66.1	78.9	93.6	107.3	115.9	122.1
25°	43.2	44.2	46.6	52.8	61.6	73.1	87.5	104.3	112.4	119.6	126.9
22.5°	47.0	48.0	51.0	56.2	66.6	80.2	96.9	111.6	119.4	124.0	131.8
20°	50.6	52.2	55.8	61.8	71.9	87.0	106.1	118.5	125.8	131.4	138.6
17.5°	54.0	56.2	60.7	68.0	79.2	94.5	114.5	125.3	132.5	137.8	146.7
15°	57.4	60.2	65.4	73.8	86.0	102.7	120.0	130.9	138.6	143.8	154.3
12.5°	60.6	64.0	69.9	79.2	92.2	109.8	124.8	134.5	142.2	150.2	161.0
10°	63.7	67.7	74.2	84.1	97.7	115.9	128.7	137.3	145.0	155.3	166.5
7.5°	64.2	69.6	77.7	88.7	102.6	121.0	131.9	139.6	148.0	159.9	171.6
5°	64.2	69.4	78.0	89.9	104.9	124.1	134.2	141.3	150.8	164.1	176.0
2.5°	64.1	69.1	78.1	90.3	105.4	124.3	134.5	141.7	152.4	168.1	180.1
0°	64.0	68.6	77.9	90.3	105.5	123.9	134.5	141.9	153.4	171.8	183.8
-2.5°	64.1	69.1	78.1	90.3	105.4	124.3	134.5	141.7	152.4	168.1	180.1
-5°	64.2	69.4	78.0	89.9	104.9	124.1	134.2	141.3	150.8	164.1	176.0
-7.5°	64.2	69.6	77.7	88.7	102.6	121.0	131.9	139.6	148.0	159.9	171.6
-10°	63.7	67.7	74.2	84.1	97.7	115.9	128.7	137.3	145.0	155.3	166.5
-12.5°	60.6	64.0	69.9	79.2	92.2	109.8	124.8	134.5	142.2	150.2	161.0
-15°	57.4	60.2	65.4	73.8	86.0	102.7	120.0	130.9	138.6	143.8	154.3
-17.5°	54.0	56.2	60.7	68.0	79.2	94.5	114.5	125.3	132.5	137.8	146.7
-20°	50.6	52.2	55.8	61.8	71.9	87.0	106.1	118.5	125.8	131.4	138.6



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	47.0	48.0	51.0	56.2	66.6	80.2	96.9	111.6	119.4	124.0	131.8
-25°	43.2	44.2	46.6	52.8	61.6	73.1	87.5	104.3	112.4	119.6	126.9
-27.5°	39.2	40.2	44.0	49.2	56.3	66.1	78.9	93.6	107.3	115.9	122.1
-30°	35.2	37.8	41.2	45.6	51.9	60.2	70.5	84.6	101.2	111.0	117.9
-32.5°	32.2	35.4	38.5	42.5	47.7	54.2	63.6	76.8	91.3	105.6	113.2
-35°	29.8	32.8	35.8	39.1	43.3	49.6	58.6	69.0	81.6	95.7	106.9
-37.5°	27.3	30.0	33.0	35.8	39.5	46.0	53.3	62.5	73.0	84.2	96.4
-40°	24.8	27.1	29.9	32.6	36.9	42.6	49.1	56.4	65.1	74.0	83.6
-42.5°	22.2	24.3	26.6	29.7	34.5	39.6	44.9	51.4	57.6	64.4	72.4
-45°	19.6	21.5	23.3	27.2	32.0	36.7	41.6	46.5	51.4	56.3	62.4
-47.5°	17.1	18.7	20.4	24.5	29.3	33.8	38.3	42.3	45.8	50.0	53.8
-50°	14.8	16.3	18.2	22.1	26.2	30.7	35.1	38.2	41.3	44.5	47.8
-52.5°	12.8	14.0	16.4	19.6	23.3	27.3	31.2	34.3	37.0	39.7	42.6
-55°	10.9	12.2	14.5	17.3	20.5	24.1	26.9	29.9	32.9	35.3	37.9
-57.5°	9.2	10.7	12.8	15.0	17.8	20.8	23.2	25.4	28.0	30.7	33.6
-60°	7.7	9.2	11.1	13.0	15.0	17.6	19.8	21.8	23.7	25.5	28.5
-62.5°	6.2	7.8	9.4	11.2	12.9	14.7	16.9	18.8	20.2	21.8	23.7
-65°	5.1	6.3	7.8	9.3	10.9	12.6	14.4	16.2	17.8	18.7	19.6
-67.5°	3.9	5.0	6.2	7.4	8.9	10.3	12.0	13.6	15.1	15.8	16.3
-70°	3.0	3.7	4.7	5.7	6.7	7.6	8.8	10.3	11.8	12.6	13.1
-72.5°	2.2	2.7	3.3	4.0	4.8	5.4	6.1	6.7	7.7	8.8	9.6
-75°	1.6	1.8	2.2	2.7	3.2	3.6	3.9	4.4	5.0	5.7	6.4
-77.5°	1.2	1.3	1.5	1.7	1.9	2.2	2.5	2.8	3.1	3.5	3.9
-80°	0.9	0.9	1.0	1.2	1.3	1.4	1.5	1.6	1.7	1.9	2.2
-82.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1	1.2	1.2
-85°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
-87.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
82.5°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
80°	2.4	2.6	2.8	2.9	3.0	3.3	3.7	4.2	4.6	4.8	4.9
77.5°	4.4	4.7	4.9	5.1	5.2	5.9	6.8	7.8	8.8	9.3	9.7
75°	7.0	7.4	7.6	7.8	7.9	9.0	10.7	12.4	14.2	15.1	15.7
72.5°	10.1	10.5	10.7	10.9	11.1	12.7	15.6	18.8	22.2	24.3	25.8
70°	13.5	13.9	14.2	14.4	14.6	16.5	20.8	25.3	29.9	34.5	39.4
67.5°	17.0	17.8	18.2	18.4	18.7	20.3	24.9	29.1	33.0	41.4	54.6
65°	21.0	22.7	23.4	23.8	24.0	24.7	28.7	32.2	35.4	41.9	52.0
62.5°	25.9	28.2	29.3	29.8	30.1	30.1	33.3	36.2	38.9	43.0	49.4
60°	31.2	33.8	35.1	35.5	35.7	35.8	38.3	41.2	43.9	47.2	53.2
57.5°	36.1	38.5	40.5	41.2	41.8	42.3	44.5	47.9	51.1	54.4	60.8
55°	40.8	43.6	46.4	47.9	49.3	50.5	52.7	57.1	61.2	65.0	71.7
52.5°	45.9	49.5	53.1	55.9	58.6	60.9	63.3	68.9	74.4	79.6	86.1
50°	51.9	56.4	61.7	66.2	70.1	73.8	77.2	83.9	91.3	98.4	105.2
47.5°	59.6	65.6	72.4	78.7	83.9	89.8	95.1	101.9	108.5	115.1	120.7
45°	69.0	77.4	85.2	93.6	101.0	104.9	108.0	112.3	119.0	125.5	130.8
42.5°	81.2	90.8	100.4	106.7	111.5	114.7	116.9	119.1	126.2	132.5	137.6
40°	94.6	104.3	110.2	115.4	118.7	121.5	125.0	128.4	134.0	140.4	146.1
37.5°	106.3	112.5	117.7	121.8	125.7	129.4	134.5	139.5	144.8	152.0	157.3
35°	113.5	118.9	124.2	129.3	134.4	140.1	146.5	153.8	160.3	154.4	145.9
32.5°	118.9	124.6	130.9	138.7	145.8	153.6	161.6	148.8	135.8	130.7	131.7
30°	123.7	130.2	139.0	149.2	159.0	155.6	138.2	132.1	133.8	137.4	144.3
27.5°	128.8	136.9	147.6	160.2	152.5	133.3	134.3	137.8	149.7	159.9	175.2
25°	134.9	144.6	157.9	152.1	134.5	136.3	145.3	158.7	181.4	202.6	221.2
22.5°	142.1	154.6	156.3	134.5	136.9	148.6	166.7	195.9	223.5	249.1	268.3
20°	149.5	163.9	141.8	137.1	147.4	168.3	201.9	235.4	266.2	289.1	308.2
17.5°	158.4	153.3	137.6	142.5	163.3	199.3	237.1	272.6	301.7	341.3	375.0
15°	166.1	143.0	140.1	156.4	187.6	228.1	269.2	301.1	353.6	410.4	467.7
12.5°	161.7	139.4	144.6	168.7	209.7	253.5	289.8	340.4	409.8	492.7	617.3
10°	155.1	141.4	154.2	185.7	228.6	271.3	309.0	375.2	466.9	619.2	815.4
7.5°	150.0	142.3	160.6	198.8	242.7	282.0	332.4	412.6	540.4	749.3	1167.0
5°	146.2	142.3	163.5	206.4	251.1	289.5	346.8	439.9	612.5	910.1	1623.9
2.5°	144.5	141.6	164.3	210.4	255.2	293.6	355.8	459.4	658.0	1059.5	2135.3
0°	145.6	140.1	164.0	211.9	257.5	293.0	357.0	465.3	671.7	1114.7	2204.0
-2.5°	144.5	141.6	164.3	210.4	255.2	293.6	355.8	459.4	658.0	1059.5	2135.3
-5°	146.2	142.3	163.5	206.4	251.1	289.5	346.8	439.9	612.5	910.1	1623.9
-7.5°	150.0	142.3	160.6	198.8	242.7	282.0	332.4	412.6	540.4	749.3	1167.0
-10°	155.1	141.4	154.2	185.7	228.6	271.3	309.0	375.2	466.9	619.2	815.4
-12.5°	161.7	139.4	144.6	168.7	209.7	253.5	289.8	340.4	409.8	492.7	617.3
-15°	166.1	143.0	140.1	156.4	187.6	228.1	269.2	301.1	353.6	410.4	467.7
-17.5°	158.4	153.3	137.6	142.5	163.3	199.3	237.1	272.6	301.7	341.3	375.0
-20°	149.5	163.9	141.8	137.1	147.4	168.3	201.9	235.4	266.2	289.1	308.2



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	142.1	154.6	156.3	134.5	136.9	148.6	166.7	195.9	223.5	249.1	268.3
-25°	134.9	144.6	157.9	152.1	134.5	136.3	145.3	158.7	181.4	202.6	221.2
-27.5°	128.8	136.9	147.6	160.2	152.5	133.3	134.3	137.8	149.7	159.9	175.2
-30°	123.7	130.2	139.0	149.2	159.0	155.6	138.2	132.1	133.8	137.4	144.3
-32.5°	118.9	124.6	130.9	138.7	145.8	153.6	161.6	148.8	135.8	130.7	131.7
-35°	113.5	118.9	124.2	129.3	134.4	140.1	146.5	153.8	160.3	154.4	145.9
-37.5°	106.3	112.5	117.7	121.8	125.7	129.4	134.5	139.5	144.8	152.0	157.3
-40°	94.6	104.3	110.2	115.4	118.7	121.5	125.0	128.4	134.0	140.4	146.1
-42.5°	81.2	90.8	100.4	106.7	111.5	114.7	116.9	119.1	126.2	132.5	137.6
-45°	69.0	77.4	85.2	93.6	101.0	104.9	108.0	112.3	119.0	125.5	130.8
-47.5°	59.6	65.6	72.4	78.7	83.9	89.8	95.1	101.9	108.5	115.1	120.7
-50°	51.9	56.4	61.7	66.2	70.1	73.8	77.2	83.9	91.3	98.4	105.2
-52.5°	45.9	49.5	53.1	55.9	58.6	60.9	63.3	68.9	74.4	79.6	86.1
-55°	40.8	43.6	46.4	47.9	49.3	50.5	52.7	57.1	61.2	65.0	71.7
-57.5°	36.1	38.5	40.5	41.2	41.8	42.3	44.5	47.9	51.1	54.4	60.8
-60°	31.2	33.8	35.1	35.5	35.7	35.8	38.3	41.2	43.9	47.2	53.2
-62.5°	25.9	28.2	29.3	29.8	30.1	30.1	33.3	36.2	38.9	43.0	49.4
-65°	21.0	22.7	23.4	23.8	24.0	24.7	28.7	32.2	35.4	41.9	52.0
-67.5°	17.0	17.8	18.2	18.4	18.7	20.3	24.9	29.1	33.0	41.4	54.6
-70°	13.5	13.9	14.2	14.4	14.6	16.5	20.8	25.3	29.9	34.5	39.4
-72.5°	10.1	10.5	10.7	10.9	11.1	12.7	15.6	18.8	22.2	24.3	25.8
-75°	7.0	7.4	7.6	7.8	7.9	9.0	10.7	12.4	14.2	15.1	15.7
-77.5°	4.4	4.7	4.9	5.1	5.2	5.9	6.8	7.8	8.8	9.3	9.7
-80°	2.4	2.6	2.8	2.9	3.0	3.3	3.7	4.2	4.6	4.8	4.9
-82.5°	1.3	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-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°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
80°	5.0	5.0	4.8	4.6	4.8	5.0	5.0	4.9	4.8	4.6	4.2
77.5°	10.1	10.5	10.1	9.7	10.1	10.5	10.1	9.7	9.3	8.8	7.8
75°	16.3	16.8	16.5	16.1	16.5	16.8	16.3	15.7	15.1	14.2	12.4
72.5°	27.2	28.6	28.3	27.6	28.3	28.6	27.2	25.8	24.3	22.2	18.8
70°	44.6	49.9	49.7	48.4	49.7	49.9	44.6	39.4	34.5	29.9	25.3
67.5°	68.8	83.7	88.4	90.8	88.4	83.7	68.8	54.6	41.4	33.0	29.1
65°	61.3	70.3	73.8	76.5	73.8	70.3	61.3	52.0	41.9	35.4	32.2
62.5°	55.2	60.5	61.6	61.7	61.6	60.5	55.2	49.4	43.0	38.9	36.2
60°	59.0	64.6	65.5	64.5	65.5	64.6	59.0	53.2	47.2	43.9	41.2
57.5°	67.0	72.9	74.0	72.8	74.0	72.9	67.0	60.8	54.4	51.1	47.9
55°	78.1	84.1	86.1	85.7	86.1	84.1	78.1	71.7	65.0	61.2	57.1
52.5°	92.2	97.7	100.0	100.0	100.0	97.7	92.2	86.1	79.6	74.4	68.9
50°	111.1	116.1	118.6	118.9	118.6	116.1	111.1	105.2	98.4	91.3	83.9
47.5°	124.8	128.0	129.7	129.9	129.7	128.0	124.8	120.7	115.1	108.5	101.9
45°	133.1	134.8	136.2	137.3	136.2	134.8	133.1	130.8	125.5	119.0	112.3
42.5°	141.0	144.6	147.3	147.9	147.3	144.6	141.0	137.6	132.5	126.2	119.1
40°	151.5	156.5	161.3	166.3	161.3	156.5	151.5	146.1	140.4	134.0	128.4
37.5°	162.7	168.3	172.9	175.5	172.9	168.3	162.7	157.3	152.0	144.8	139.5
35°	139.9	136.2	134.0	133.1	134.0	136.2	139.9	145.9	154.4	160.3	153.8
32.5°	132.4	132.6	132.2	131.3	132.2	132.6	132.4	131.7	130.7	135.8	148.8
30°	149.5	151.9	152.2	152.0	152.2	151.9	149.5	144.3	137.4	133.8	132.1
27.5°	186.6	192.8	194.8	198.6	194.8	192.8	186.6	175.2	159.9	149.7	137.8
25°	235.5	244.9	249.4	251.1	249.4	244.9	235.5	221.2	202.6	181.4	158.7
22.5°	279.0	286.2	290.4	293.9	290.4	286.2	279.0	268.3	249.1	223.5	195.9
20°	330.6	343.6	349.7	350.1	349.7	343.6	330.6	308.2	289.1	266.2	235.4
17.5°	411.1	436.6	449.3	452.9	449.3	436.6	411.1	375.0	341.3	301.7	272.6
15°	538.1	603.1	636.6	652.3	636.6	603.1	538.1	467.7	410.4	353.6	301.1
12.5°	745.2	891.8	1010.4	1055.0	1010.4	891.8	745.2	617.3	492.7	409.8	340.4
10°	1155.6	1593.5	2105.0	2343.6	2105.0	1593.5	1155.6	815.4	619.2	466.9	375.2
7.5°	2235.7	5190.9	10060.8	12383.9	10060.8	5190.9	2235.7	1167.0	749.3	540.4	412.6
5°	4765.5	20566.3	36831.7	43262.0	36831.7	20566.3	4765.5	1623.9	910.1	612.5	439.9
2.5°	7590.4	33731.5	63645.8	74420.7	63645.8	33731.5	7590.4	2135.3	1059.5	658.0	459.4
0°	9069.0	35546.7	70231.8	80982.7	70231.8	35546.7	9069.0	2204.0	1114.7	671.7	465.3
-2.5°	7590.4	33731.5	63645.8	74420.6	63645.8	33731.5	7590.4	2135.3	1059.5	658.0	459.4
-5°	4765.5	20566.3	36831.7	43262.0	36831.7	20566.3	4765.5	1623.9	910.1	612.5	439.9
-7.5°	2235.7	5190.9	10060.8	12383.9	10060.8	5190.9	2235.7	1167.0	749.3	540.4	412.6
-10°	1155.6	1593.5	2105.0	2343.6	2105.0	1593.5	1155.6	815.4	619.2	466.9	375.2
-12.5°	745.2	891.8	1010.4	1055.0	1010.4	891.8	745.2	617.3	492.7	409.8	340.4
-15°	538.1	603.1	636.6	652.3	636.6	603.1	538.1	467.7	410.4	353.6	301.1
-17.5°	411.1	436.6	449.3	452.9	449.3	436.6	411.1	375.0	341.3	301.7	272.6
-20°	330.6	343.6	349.7	350.1	349.7	343.6	330.6	308.2	289.1	266.2	235.4



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	279.0	286.2	290.4	293.9	290.4	286.2	279.0	268.3	249.1	223.5	195.9
-25°	235.5	244.9	249.4	251.1	249.4	244.9	235.5	221.2	202.6	181.4	158.7
-27.5°	186.6	192.8	194.8	198.6	194.8	192.8	186.6	175.2	159.9	149.7	137.8
-30°	149.5	151.9	152.2	152.0	152.2	151.9	149.5	144.3	137.4	133.8	132.1
-32.5°	132.4	132.6	132.2	131.3	132.2	132.6	132.4	131.7	130.7	135.8	148.8
-35°	139.9	136.2	134.0	133.1	134.0	136.2	139.9	145.9	154.4	160.3	153.8
-37.5°	162.7	168.3	172.9	175.5	172.9	168.3	162.7	157.3	152.0	144.8	139.5
-40°	151.5	156.5	161.3	166.3	161.3	156.5	151.5	146.1	140.4	134.0	128.4
-42.5°	141.0	144.6	147.3	147.9	147.3	144.6	141.0	137.6	132.5	126.2	119.1
-45°	133.1	134.8	136.2	137.3	136.2	134.8	133.1	130.8	125.5	119.0	112.3
-47.5°	124.8	128.0	129.7	129.9	129.7	128.0	124.8	120.7	115.1	108.5	101.9
-50°	111.1	116.1	118.6	118.9	118.6	116.1	111.1	105.2	98.4	91.3	83.9
-52.5°	92.2	97.7	100.0	100.0	100.0	97.7	92.2	86.1	79.6	74.4	68.9
-55°	78.1	84.1	86.1	85.7	86.1	84.1	78.1	71.7	65.0	61.2	57.1
-57.5°	67.0	72.9	74.0	72.8	74.0	72.9	67.0	60.8	54.4	51.1	47.9
-60°	59.0	64.6	65.5	64.5	65.5	64.6	59.0	53.2	47.2	43.9	41.2
-62.5°	55.2	60.5	61.6	61.7	61.6	60.5	55.2	49.4	43.0	38.9	36.2
-65°	61.3	70.3	73.8	76.5	73.8	70.3	61.3	52.0	41.9	35.4	32.2
-67.5°	68.8	83.7	88.4	90.8	88.4	83.7	68.8	54.6	41.4	33.0	29.1
-70°	44.6	49.9	49.7	48.4	49.7	49.9	44.6	39.4	34.5	29.9	25.3
-72.5°	27.2	28.6	28.3	27.6	28.3	28.6	27.2	25.8	24.3	22.2	18.8
-75°	16.3	16.8	16.5	16.1	16.5	16.8	16.3	15.7	15.1	14.2	12.4
-77.5°	10.1	10.5	10.1	9.7	10.1	10.5	10.1	9.7	9.3	8.8	7.8
-80°	5.0	5.0	4.8	4.6	4.8	5.0	5.0	4.9	4.8	4.6	4.2
-82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
-85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
85°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
82.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
80°	3.7	3.3	3.0	2.9	2.8	2.6	2.4	2.2	1.9	1.7	1.6
77.5°	6.8	5.9	5.2	5.1	4.9	4.7	4.4	3.9	3.5	3.1	2.8
75°	10.7	9.0	7.9	7.8	7.6	7.4	7.0	6.4	5.7	5.0	4.4
72.5°	15.6	12.7	11.1	10.9	10.7	10.5	10.1	9.6	8.8	7.7	6.7
70°	20.8	16.5	14.6	14.4	14.2	13.9	13.5	13.1	12.6	11.8	10.3
67.5°	24.9	20.3	18.7	18.4	18.2	17.8	17.0	16.3	15.8	15.1	13.6
65°	28.7	24.7	24.0	23.8	23.4	22.7	21.0	19.6	18.7	17.8	16.2
62.5°	33.3	30.1	30.1	29.8	29.3	28.2	25.9	23.7	21.8	20.2	18.8
60°	38.3	35.8	35.7	35.5	35.1	33.8	31.2	28.5	25.5	23.7	21.8
57.5°	44.5	42.3	41.8	41.2	40.5	38.5	36.1	33.6	30.7	28.0	25.4
55°	52.7	50.5	49.3	47.9	46.4	43.6	40.8	37.9	35.3	32.9	29.9
52.5°	63.3	60.9	58.6	55.9	53.1	49.5	45.9	42.6	39.7	37.0	34.3
50°	77.2	73.8	70.1	66.2	61.7	56.4	51.9	47.8	44.5	41.3	38.2
47.5°	95.1	89.8	83.9	78.7	72.4	65.6	59.6	53.8	50.0	45.8	42.3
45°	108.0	104.9	101.0	93.6	85.2	77.4	69.0	62.4	56.3	51.4	46.5
42.5°	116.9	114.7	111.5	106.7	100.4	90.8	81.2	72.4	64.4	57.6	51.4
40°	125.0	121.5	118.7	115.4	110.2	104.3	94.6	83.6	74.0	65.1	56.4
37.5°	134.5	129.4	125.7	121.8	117.7	112.5	106.3	96.4	84.2	73.0	62.5
35°	146.5	140.1	134.4	129.3	124.2	118.9	113.5	106.9	95.7	81.6	69.0
32.5°	161.6	153.6	145.8	138.7	130.9	124.6	118.9	113.2	105.6	91.3	76.8
30°	138.2	155.6	159.0	149.2	139.0	130.2	123.7	117.9	111.0	101.2	84.6
27.5°	134.3	133.3	152.5	160.2	147.6	136.9	128.8	122.1	115.9	107.3	93.6
25°	145.3	136.3	134.5	152.1	157.9	144.6	134.9	126.9	119.6	112.4	104.3
22.5°	166.7	148.6	136.9	134.5	156.3	154.6	142.1	131.8	124.0	119.4	111.6
20°	201.9	168.3	147.4	137.1	141.8	163.9	149.5	138.6	131.4	125.8	118.5
17.5°	237.1	199.3	163.3	142.5	137.6	153.3	158.4	146.7	137.8	132.5	125.3
15°	269.2	228.1	187.6	156.4	140.1	143.0	166.1	154.3	143.8	138.6	130.9
12.5°	289.8	253.5	209.7	168.7	144.6	139.4	161.7	161.0	150.2	142.2	134.5
10°	309.0	271.3	228.6	185.7	154.2	141.4	155.1	166.5	155.3	145.0	137.3
7.5°	332.4	282.0	242.7	198.8	160.6	142.3	150.0	171.6	159.9	148.0	139.6
5°	346.8	289.5	251.1	206.4	163.5	142.3	146.2	176.0	164.1	150.8	141.3
2.5°	355.8	293.6	255.2	210.4	164.3	141.6	144.5	180.1	168.1	152.4	141.7
0°	357.0	293.0	257.5	211.9	164.0	140.1	145.6	183.8	171.8	153.4	141.9
-2.5°	355.8	293.6	255.2	210.4	164.3	141.6	144.5	180.1	168.1	152.4	141.7
-5°	346.8	289.5	251.1	206.4	163.5	142.3	146.2	176.0	164.1	150.8	141.3
-7.5°	332.4	282.0	242.7	198.8	160.6	142.3	150.0	171.6	159.9	148.0	139.6
-10°	309.0	271.3	228.6	185.7	154.2	141.4	155.1	166.5	155.3	145.0	137.3
-12.5°	289.8	253.5	209.7	168.7	144.6	139.4	161.7	161.0	150.2	142.2	134.5
-15°	269.2	228.1	187.6	156.4	140.1	143.0	166.1	154.3	143.8	138.6	130.9
-17.5°	237.1	199.3	163.3	142.5	137.6	153.3	158.4	146.7	137.8	132.5	125.3
-20°	201.9	168.3	147.4	137.1	141.8	163.9	149.5	138.6	131.4	125.8	118.5



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	166.7	148.6	136.9	134.5	156.3	154.6	142.1	131.8	124.0	119.4	111.6
-25°	145.3	136.3	134.5	152.1	157.9	144.6	134.9	126.9	119.6	112.4	104.3
-27.5°	134.3	133.3	152.5	160.2	147.6	136.9	128.8	122.1	115.9	107.3	93.6
-30°	138.2	155.6	159.0	149.2	139.0	130.2	123.7	117.9	111.0	101.2	84.6
-32.5°	161.6	153.6	145.8	138.7	130.9	124.6	118.9	113.2	105.6	91.3	76.8
-35°	146.5	140.1	134.4	129.3	124.2	118.9	113.5	106.9	95.7	81.6	69.0
-37.5°	134.5	129.4	125.7	121.8	117.7	112.5	106.3	96.4	84.2	73.0	62.5
-40°	125.0	121.5	118.7	115.4	110.2	104.3	94.6	83.6	74.0	65.1	56.4
-42.5°	116.9	114.7	111.5	106.7	100.4	90.8	81.2	72.4	64.4	57.6	51.4
-45°	108.0	104.9	101.0	93.6	85.2	77.4	69.0	62.4	56.3	51.4	46.5
-47.5°	95.1	89.8	83.9	78.7	72.4	65.6	59.6	53.8	50.0	45.8	42.3
-50°	77.2	73.8	70.1	66.2	61.7	56.4	51.9	47.8	44.5	41.3	38.2
-52.5°	63.3	60.9	58.6	55.9	53.1	49.5	45.9	42.6	39.7	37.0	34.3
-55°	52.7	50.5	49.3	47.9	46.4	43.6	40.8	37.9	35.3	32.9	29.9
-57.5°	44.5	42.3	41.8	41.2	40.5	38.5	36.1	33.6	30.7	28.0	25.4
-60°	38.3	35.8	35.7	35.5	35.1	33.8	31.2	28.5	25.5	23.7	21.8
-62.5°	33.3	30.1	30.1	29.8	29.3	28.2	25.9	23.7	21.8	20.2	18.8
-65°	28.7	24.7	24.0	23.8	23.4	22.7	21.0	19.6	18.7	17.8	16.2
-67.5°	24.9	20.3	18.7	18.4	18.2	17.8	17.0	16.3	15.8	15.1	13.6
-70°	20.8	16.5	14.6	14.4	14.2	13.9	13.5	13.1	12.6	11.8	10.3
-72.5°	15.6	12.7	11.1	10.9	10.7	10.5	10.1	9.6	8.8	7.7	6.7
-75°	10.7	9.0	7.9	7.8	7.6	7.4	7.0	6.4	5.7	5.0	4.4
-77.5°	6.8	5.9	5.2	5.1	4.9	4.7	4.4	3.9	3.5	3.1	2.8
-80°	3.7	3.3	3.0	2.9	2.8	2.6	2.4	2.2	1.9	1.7	1.6
-82.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.2	1.1	1.0
-85°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.6	0.5
82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
80°	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	2.5	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.9	0.9
75°	3.9	3.6	3.2	2.7	2.2	1.8	1.6	1.4	1.2	0.9	0.9
72.5°	6.1	5.4	4.8	4.0	3.3	2.7	2.2	1.8	1.6	1.3	1.0
70°	8.8	7.6	6.7	5.7	4.7	3.7	3.0	2.5	2.0	1.7	1.4
67.5°	12.0	10.3	8.9	7.4	6.2	5.0	3.9	3.3	2.8	2.1	1.8
65°	14.4	12.6	10.9	9.3	7.8	6.3	5.1	4.2	3.5	2.8	2.1
62.5°	16.9	14.7	12.9	11.2	9.4	7.8	6.2	5.4	4.4	3.5	2.7
60°	19.8	17.6	15.0	13.0	11.1	9.2	7.7	6.6	5.5	4.2	3.3
57.5°	23.2	20.8	17.8	15.0	12.8	10.7	9.2	8.0	6.7	5.2	4.0
55°	26.9	24.1	20.5	17.3	14.5	12.2	10.9	9.5	7.9	6.3	4.7
52.5°	31.2	27.3	23.3	19.6	16.4	14.0	12.8	11.1	9.3	7.4	5.7
50°	35.1	30.7	26.2	22.1	18.2	16.3	14.8	12.9	10.8	8.6	6.8
47.5°	38.3	33.8	29.3	24.5	20.4	18.7	17.1	14.9	12.2	9.9	8.0
45°	41.6	36.7	32.0	27.2	23.3	21.5	19.6	16.9	14.1	11.4	9.1
42.5°	44.9	39.6	34.5	29.7	26.6	24.3	22.2	19.3	15.9	13.1	10.5
40°	49.1	42.6	36.9	32.6	29.9	27.1	24.8	21.8	17.9	14.9	12.0
37.5°	53.3	46.0	39.5	35.8	33.0	30.0	27.3	24.4	20.4	17.0	13.5
35°	58.6	49.6	43.3	39.1	35.8	32.8	29.8	26.9	23.2	19.1	15.0
32.5°	63.6	54.2	47.7	42.5	38.5	35.4	32.2	30.1	26.2	21.2	16.6
30°	70.5	60.2	51.9	45.6	41.2	37.8	35.2	33.6	29.3	23.3	18.2
27.5°	78.9	66.1	56.3	49.2	44.0	40.2	39.2	37.6	32.4	25.6	19.9
25°	87.5	73.1	61.6	52.8	46.6	44.2	43.2	41.8	35.7	28.1	21.7
22.5°	96.9	80.2	66.6	56.2	51.0	48.0	47.0	45.4	39.1	30.7	23.3
20°	106.1	87.0	71.9	61.8	55.8	52.2	50.6	48.9	42.7	33.3	25.0
17.5°	114.5	94.5	79.2	68.0	60.7	56.2	54.0	52.4	46.4	35.8	26.6
15°	120.0	102.7	86.0	73.8	65.4	60.2	57.4	55.8	50.2	38.3	27.7
12.5°	124.8	109.8	92.2	79.2	69.9	64.0	60.6	59.1	53.9	39.9	28.3
10°	128.7	115.9	97.7	84.1	74.2	67.7	63.7	61.5	55.3	40.7	28.8
7.5°	131.9	121.0	102.6	88.7	77.7	69.6	64.2	61.9	56.2	41.3	29.3
5°	134.2	124.1	104.9	89.9	78.0	69.4	64.2	62.3	56.8	41.7	29.6
2.5°	134.5	124.3	105.4	90.3	78.1	69.1	64.1	62.5	57.1	41.9	29.8
0°	134.5	123.9	105.5	90.3	77.9	68.6	64.0	62.7	57.1	41.9	29.9
-2.5°	134.5	124.3	105.4	90.3	78.1	69.1	64.1	62.5	57.1	41.9	29.8
-5°	134.2	124.1	104.9	89.9	78.0	69.4	64.2	62.3	56.8	41.7	29.6
-7.5°	131.9	121.0	102.6	88.7	77.7	69.6	64.2	61.9	56.2	41.3	29.3
-10°	128.7	115.9	97.7	84.1	74.2	67.7	63.7	61.5	55.3	40.7	28.8
-12.5°	124.8	109.8	92.2	79.2	69.9	64.0	60.6	59.1	53.9	39.9	28.3
-15°	120.0	102.7	86.0	73.8	65.4	60.2	57.4	55.8	50.2	38.3	27.7
-17.5°	114.5	94.5	79.2	68.0	60.7	56.2	54.0	52.4	46.4	35.8	26.6
-20°	106.1	87.0	71.9	61.8	55.8	52.2	50.6	48.9	42.7	33.3	25.0



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	96.9	80.2	66.6	56.2	51.0	48.0	47.0	45.4	39.1	30.7	23.3
-25°	87.5	73.1	61.6	52.8	46.6	44.2	43.2	41.8	35.7	28.1	21.7
-27.5°	78.9	66.1	56.3	49.2	44.0	40.2	39.2	37.6	32.4	25.6	19.9
-30°	70.5	60.2	51.9	45.6	41.2	37.8	35.2	33.6	29.3	23.3	18.2
-32.5°	63.6	54.2	47.7	42.5	38.5	35.4	32.2	30.1	26.2	21.2	16.6
-35°	58.6	49.6	43.3	39.1	35.8	32.8	29.8	26.9	23.2	19.1	15.0
-37.5°	53.3	46.0	39.5	35.8	33.0	30.0	27.3	24.4	20.4	17.0	13.5
-40°	49.1	42.6	36.9	32.6	29.9	27.1	24.8	21.8	17.9	14.9	12.0
-42.5°	44.9	39.6	34.5	29.7	26.6	24.3	22.2	19.3	15.9	13.1	10.5
-45°	41.6	36.7	32.0	27.2	23.3	21.5	19.6	16.9	14.1	11.4	9.1
-47.5°	38.3	33.8	29.3	24.5	20.4	18.7	17.1	14.9	12.2	9.9	8.0
-50°	35.1	30.7	26.2	22.1	18.2	16.3	14.8	12.9	10.8	8.6	6.8
-52.5°	31.2	27.3	23.3	19.6	16.4	14.0	12.8	11.1	9.3	7.4	5.7
-55°	26.9	24.1	20.5	17.3	14.5	12.2	10.9	9.5	7.9	6.3	4.7
-57.5°	23.2	20.8	17.8	15.0	12.8	10.7	9.2	8.0	6.7	5.2	4.0
-60°	19.8	17.6	15.0	13.0	11.1	9.2	7.7	6.6	5.5	4.2	3.3
-62.5°	16.9	14.7	12.9	11.2	9.4	7.8	6.2	5.4	4.4	3.5	2.7
-65°	14.4	12.6	10.9	9.3	7.8	6.3	5.1	4.2	3.5	2.8	2.1
-67.5°	12.0	10.3	8.9	7.4	6.2	5.0	3.9	3.3	2.8	2.1	1.8
-70°	8.8	7.6	6.7	5.7	4.7	3.7	3.0	2.5	2.0	1.7	1.4
-72.5°	6.1	5.4	4.8	4.0	3.3	2.7	2.2	1.8	1.6	1.3	1.0
-75°	3.9	3.6	3.2	2.7	2.2	1.8	1.6	1.4	1.2	0.9	0.9
-77.5°	2.5	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	0.9	0.9
-80°	1.5	1.4	1.3	1.2	1.0	0.9	0.9	0.9	0.9	0.9	0.9
-82.5°	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.8
-85°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.6	0.5
-87.5°	0.3	0.3	0.3	0.3	0.3	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: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-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°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
67.5°	1.3	0.9	0.9	0.9	0.7	0.3	0.0
65°	1.7	1.1	0.9	0.9	0.8	0.4	0.0
62.5°	2.0	1.4	0.9	0.9	0.8	0.4	0.0
60°	2.4	1.7	0.9	0.9	0.9	0.4	0.0
57.5°	2.9	2.0	1.1	0.9	0.9	0.5	0.0
55°	3.6	2.3	1.4	0.9	0.9	0.5	0.0
52.5°	4.2	2.6	1.6	0.9	0.9	0.5	0.0
50°	4.9	3.2	1.9	0.9	0.9	0.6	0.0
47.5°	5.6	3.8	2.1	0.9	0.9	0.6	0.0
45°	6.7	4.4	2.4	1.1	1.0	0.6	0.0
42.5°	7.7	5.0	2.6	1.3	1.0	0.7	0.0
40°	8.8	5.5	2.9	1.5	1.0	0.7	0.0
37.5°	9.8	6.1	3.4	1.6	1.0	0.7	0.0
35°	10.9	6.9	3.8	1.8	1.0	0.7	0.0
32.5°	12.1	7.7	4.3	1.9	1.1	0.8	0.0
30°	13.3	8.6	4.7	2.0	1.1	0.8	0.0
27.5°	14.6	9.4	4.9	2.1	1.1	0.8	0.0
25°	15.8	10.2	5.2	2.2	1.1	0.8	0.0
22.5°	17.0	10.8	5.3	2.2	1.2	0.8	0.0
20°	18.1	11.0	5.4	2.3	1.2	0.8	0.0
17.5°	18.8	11.2	5.5	2.3	1.2	0.9	0.0
15°	19.0	11.2	5.6	2.4	1.2	0.9	0.0
12.5°	19.1	11.2	5.6	2.4	1.3	0.9	0.0
10°	19.1	11.1	5.5	2.4	1.3	0.9	0.0
7.5°	19.1	11.0	5.5	2.4	1.3	0.9	0.0
5°	19.0	10.7	5.4	2.4	1.4	0.9	0.0
2.5°	18.7	10.4	5.2	2.3	1.4	0.9	0.0
0°	18.4	10.1	5.1	2.3	1.4	0.9	0.0
-2.5°	18.7	10.4	5.2	2.3	1.4	0.9	0.0
-5°	19.0	10.7	5.4	2.4	1.4	0.9	0.0
-7.5°	19.1	11.0	5.5	2.4	1.3	0.9	0.0
-10°	19.1	11.1	5.5	2.4	1.3	0.9	0.0
-12.5°	19.1	11.2	5.6	2.4	1.3	0.9	0.0
-15°	19.0	11.2	5.6	2.4	1.2	0.9	0.0
-17.5°	18.8	11.2	5.5	2.3	1.2	0.9	0.0
-20°	18.1	11.0	5.4	2.3	1.2	0.8	0.0



REPORT NUMBER: P558569 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	17.0	10.8	5.3	2.2	1.2	0.8	0.0
-25°	15.8	10.2	5.2	2.2	1.1	0.8	0.0
-27.5°	14.6	9.4	4.9	2.1	1.1	0.8	0.0
-30°	13.3	8.6	4.7	2.0	1.1	0.8	0.0
-32.5°	12.1	7.7	4.3	1.9	1.1	0.8	0.0
-35°	10.9	6.9	3.8	1.8	1.0	0.7	0.0
-37.5°	9.8	6.1	3.4	1.6	1.0	0.7	0.0
-40°	8.8	5.5	2.9	1.5	1.0	0.7	0.0
-42.5°	7.7	5.0	2.6	1.3	1.0	0.7	0.0
-45°	6.7	4.4	2.4	1.1	1.0	0.6	0.0
-47.5°	5.6	3.8	2.1	0.9	0.9	0.6	0.0
-50°	4.9	3.2	1.9	0.9	0.9	0.6	0.0
-52.5°	4.2	2.6	1.6	0.9	0.9	0.5	0.0
-55°	3.6	2.3	1.4	0.9	0.9	0.5	0.0
-57.5°	2.9	2.0	1.1	0.9	0.9	0.5	0.0
-60°	2.4	1.7	0.9	0.9	0.9	0.4	0.0
-62.5°	2.0	1.4	0.9	0.9	0.8	0.4	0.0
-65°	1.7	1.1	0.9	0.9	0.8	0.4	0.0
-67.5°	1.3	0.9	0.9	0.9	0.7	0.3	0.0
-70°	0.9	0.9	0.9	0.9	0.6	0.3	0.0
-72.5°	0.9	0.9	0.9	0.8	0.5	0.3	0.0
-75°	0.9	0.9	0.9	0.7	0.5	0.2	0.0
-77.5°	0.9	0.9	0.8	0.6	0.4	0.2	0.0
-80°	0.9	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)