

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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558601 (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-SA1E-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**

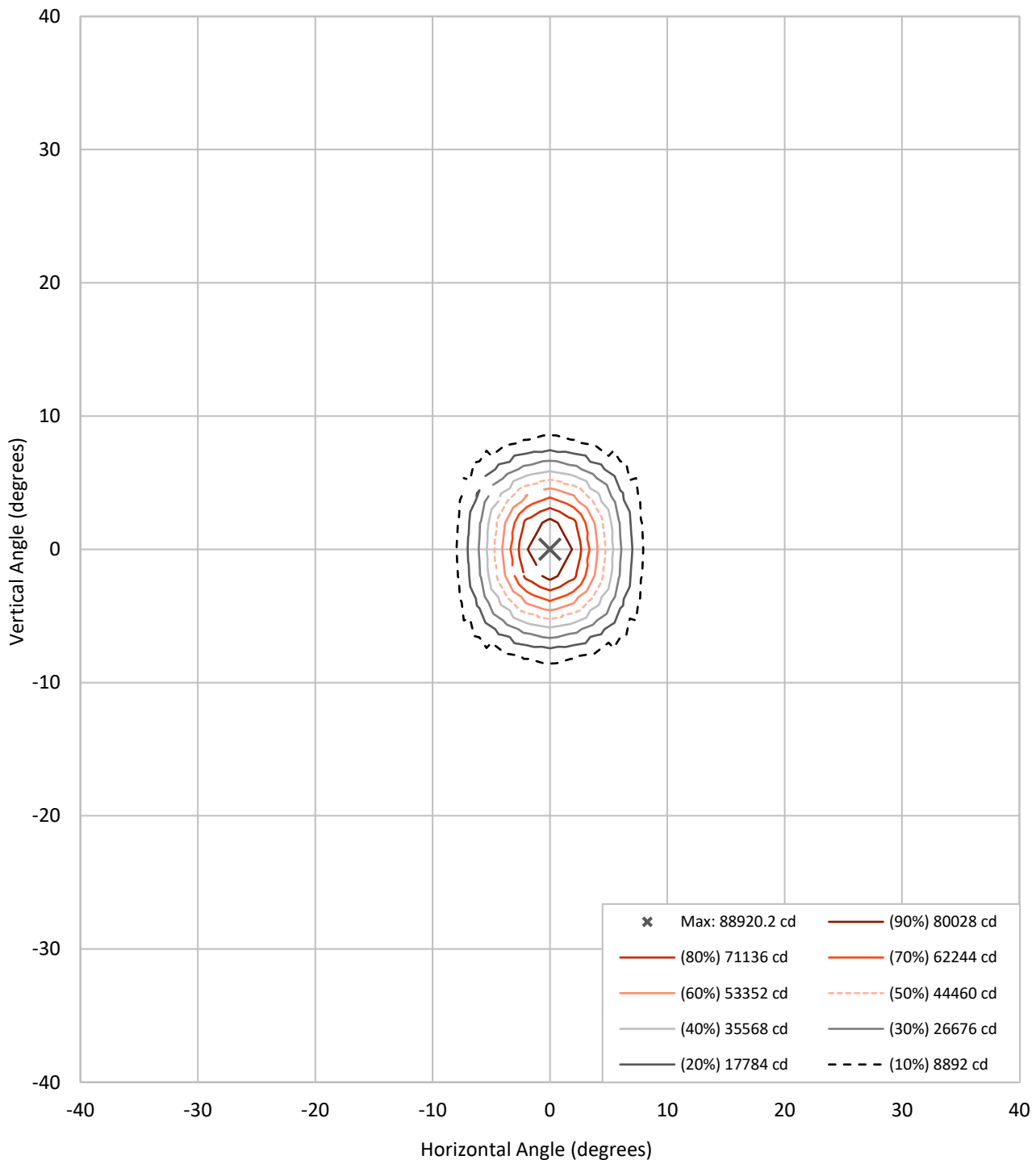
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3462.7 lumens	Max Intensity:	88920.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	54.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	1484.2 lumens	Field Lumens:	2558 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 64  
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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CATALOG NUMBER: GFLD-SA1E-930-U-TSB-XX

### Iso-Candela Plot



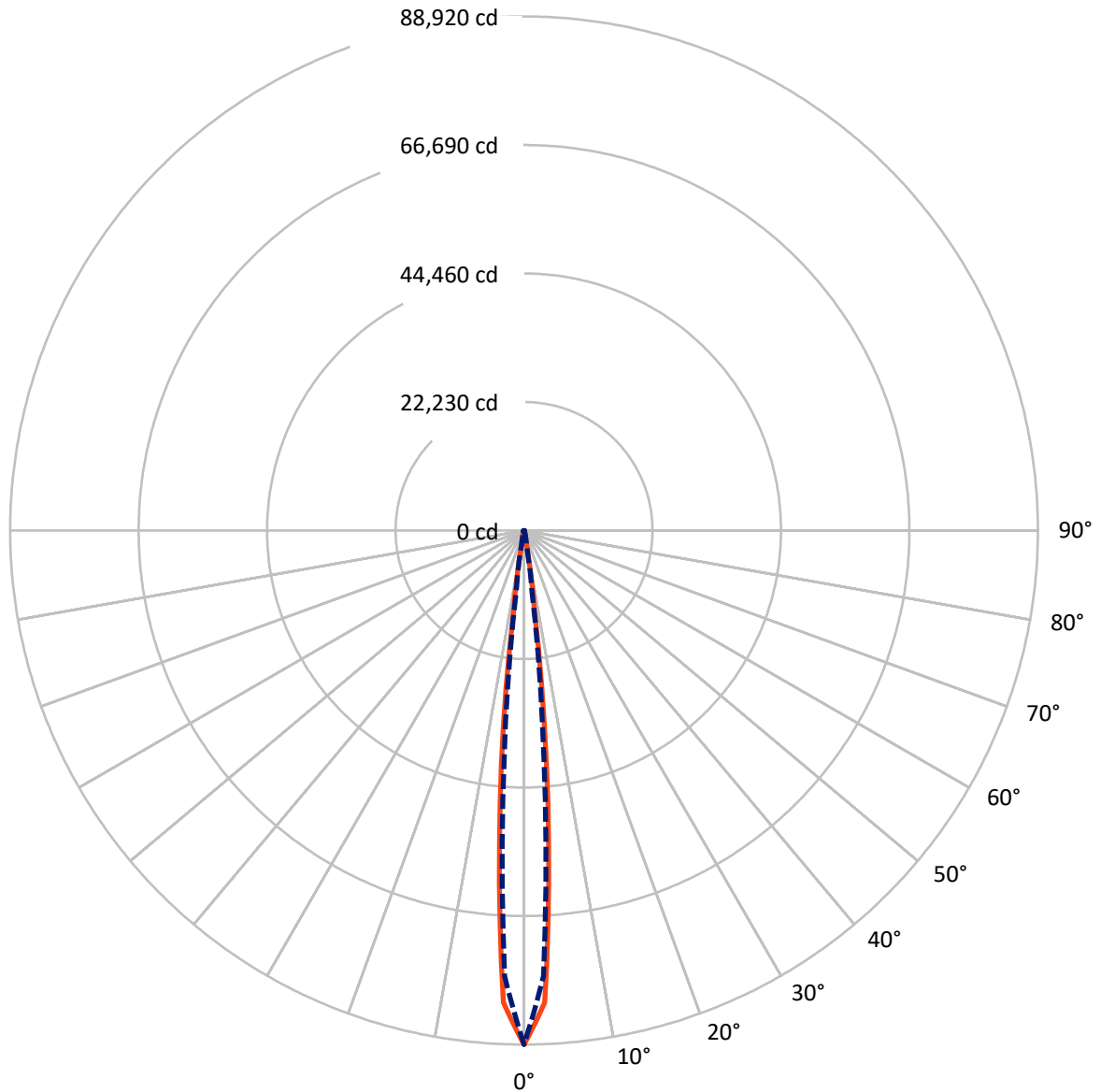
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### Lumen Table

90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
80	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.6	0.8	1.2	2.2	2.2	1.2	0.8	0.6	0.4	0.2	0.1	0.1			
60		0.1	0.3	0.7	1.1	1.5	2.1	2.8	2.8	2.1	1.5	1.1	0.7	0.3	0.1				
50	0.2	0.2	0.5	1.1	2.0	2.9	3.8	4.5	4.5	3.8	2.9	2.0	1.1	0.5	0.2	0.2			
40		0.4	0.8	1.7	3.0	4.1	4.6	4.9	4.9	4.6	4.1	3.0	1.7	0.8	0.4				
30	0.3	0.6	1.1	2.4	3.7	4.5	6.1	8.0	8.0	6.1	4.5	3.7	2.4	1.1	0.6	0.3			
20		0.8	1.5	3.0	4.1	5.9	11.9	23.8	23.8	11.9	5.9	4.1	3.0	1.5	0.8				
10	0.4	0.8	1.8	3.4	4.3	7.5	23.5	695.7	695.7	23.5	7.5	4.3	3.4	1.8	0.8	0.4			
0		0.8	1.8	3.4	4.3	7.5	23.5	695.7	695.7	23.5	7.5	4.3	3.4	1.8	0.8				
-10	0.3	0.8	1.5	3.0	4.1	5.9	11.9	23.8	23.8	11.9	5.9	4.1	3.0	1.5	0.8	0.3			
-20		0.6	1.1	2.4	3.7	4.5	6.1	8.0	8.0	6.1	4.5	3.7	2.4	1.1	0.6				
-30	0.2	0.4	0.8	1.7	3.0	4.1	4.6	4.9	4.9	4.6	4.1	3.0	1.7	0.8	0.4	0.2			
-40		0.2	0.5	1.1	2.0	2.9	3.8	4.5	4.5	3.8	2.9	2.0	1.1	0.5	0.2				
-50	0.1	0.1	0.3	0.7	1.1	1.5	2.1	2.8	2.8	2.1	1.5	1.1	0.7	0.3	0.1	0.1			
-60		0.1	0.2	0.4	0.6	0.8	1.2	2.2	2.2	1.2	0.8	0.6	0.4	0.2	0.1				
-70	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							0.0			
-80		0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0										
-90	0.0	0.1	0.4	0.8	1.4	0.8	0.4	0.1	0.0							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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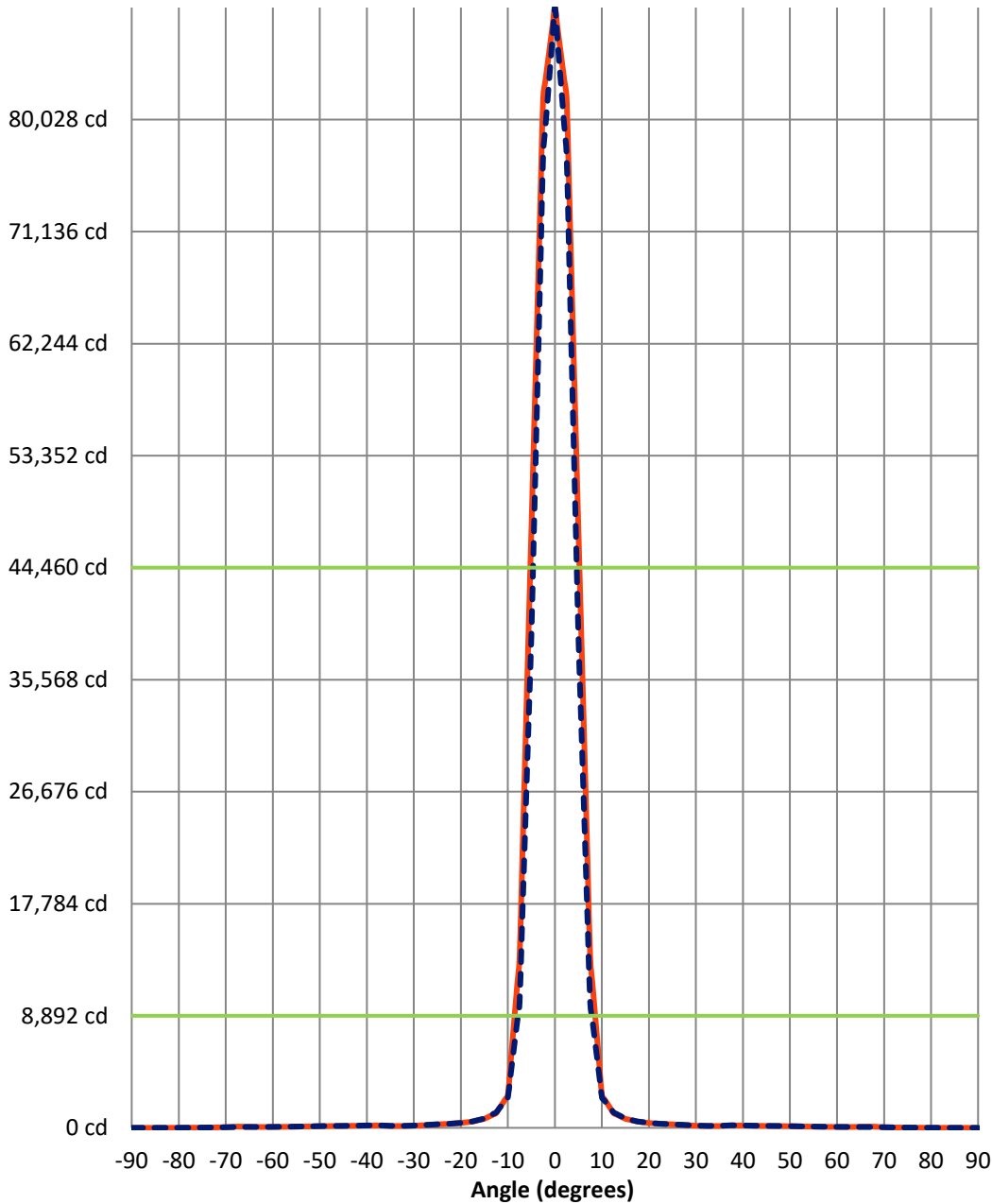
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 1484.2  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 2558  
Efficiency: 73.9%

**Spill:**  
Lumens: 904.7  
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	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.9	4.6
62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	3.0	3.9	4.8	5.9
60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.7	4.7	6.1	7.3
57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.4	5.8	7.3	8.8
55°	0.0	0.6	1.0	1.0	1.5	2.5	3.9	5.2	6.9	8.7	10.5
52.5°	0.0	0.6	1.0	1.0	1.8	2.9	4.7	6.3	8.1	10.2	12.1
50°	0.0	0.6	1.0	1.0	2.1	3.5	5.4	7.5	9.4	11.8	14.2
47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.2	8.7	10.8	13.5	16.3
45°	0.0	0.7	1.1	1.2	2.6	4.8	7.3	10.0	12.6	15.5	18.5
42.5°	0.0	0.7	1.1	1.4	2.8	5.4	8.5	11.5	14.4	17.5	21.1
40°	0.0	0.8	1.1	1.6	3.2	6.1	9.6	13.2	16.4	19.6	23.9
37.5°	0.0	0.8	1.1	1.8	3.7	6.7	10.8	14.8	18.6	22.3	26.7
35°	0.0	0.8	1.1	1.9	4.2	7.6	12.0	16.5	20.9	25.5	29.5
32.5°	0.0	0.8	1.2	2.1	4.6	8.5	13.2	18.2	23.2	28.7	33.0
30°	0.0	0.9	1.2	2.2	5.1	9.4	14.6	20.0	25.6	32.1	36.9
27.5°	0.0	0.9	1.2	2.3	5.4	10.3	16.0	21.9	28.1	35.5	41.2
25°	0.0	0.9	1.2	2.4	5.6	11.2	17.3	23.8	30.9	39.1	45.8
22.5°	0.0	0.9	1.3	2.4	5.8	11.9	18.7	25.7	33.7	42.9	49.8
20°	0.0	0.9	1.3	2.5	6.0	12.1	19.9	27.5	36.6	46.9	53.7
17.5°	0.0	1.0	1.3	2.5	6.1	12.3	20.6	29.2	39.3	50.9	57.5
15°	0.0	1.0	1.3	2.6	6.1	12.3	20.8	30.5	42.0	55.0	61.2
12.5°	0.0	1.0	1.4	2.6	6.1	12.3	21.0	31.1	43.8	59.1	64.9
10°	0.0	1.0	1.4	2.6	6.1	12.2	21.0	31.7	44.7	60.7	67.5
7.5°	0.0	1.0	1.4	2.6	6.0	12.0	21.0	32.2	45.3	61.7	68.0
5°	0.0	1.0	1.5	2.6	5.9	11.8	20.8	32.6	45.8	62.3	68.3
2.5°	0.0	1.0	1.5	2.5	5.8	11.5	20.6	32.8	46.0	62.7	68.6
0°	0.0	1.0	1.5	2.5	5.6	11.1	20.2	32.9	46.0	62.7	68.8
-2.5°	0.0	1.0	1.5	2.5	5.8	11.5	20.6	32.8	46.0	62.7	68.6
-5°	0.0	1.0	1.5	2.6	5.9	11.8	20.8	32.6	45.8	62.3	68.3
-7.5°	0.0	1.0	1.4	2.6	6.0	12.0	21.0	32.2	45.3	61.7	68.0
-10°	0.0	1.0	1.4	2.6	6.1	12.2	21.0	31.7	44.7	60.7	67.5
-12.5°	0.0	1.0	1.4	2.6	6.1	12.3	21.0	31.1	43.8	59.1	64.9
-15°	0.0	1.0	1.3	2.6	6.1	12.3	20.8	30.5	42.0	55.0	61.2
-17.5°	0.0	1.0	1.3	2.5	6.1	12.3	20.6	29.2	39.3	50.9	57.5
-20°	0.0	0.9	1.3	2.5	6.0	12.1	19.9	27.5	36.6	46.9	53.7



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 CATALOG NUMBER: GFLD-SA1E-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	0.9	1.3	2.4	5.8	11.9	18.7	25.7	33.7	42.9	49.8
-25°	0.0	0.9	1.2	2.4	5.6	11.2	17.3	23.8	30.9	39.1	45.8
-27.5°	0.0	0.9	1.2	2.3	5.4	10.3	16.0	21.9	28.1	35.5	41.2
-30°	0.0	0.9	1.2	2.2	5.1	9.4	14.6	20.0	25.6	32.1	36.9
-32.5°	0.0	0.8	1.2	2.1	4.6	8.5	13.2	18.2	23.2	28.7	33.0
-35°	0.0	0.8	1.1	1.9	4.2	7.6	12.0	16.5	20.9	25.5	29.5
-37.5°	0.0	0.8	1.1	1.8	3.7	6.7	10.8	14.8	18.6	22.3	26.7
-40°	0.0	0.8	1.1	1.6	3.2	6.1	9.6	13.2	16.4	19.6	23.9
-42.5°	0.0	0.7	1.1	1.4	2.8	5.4	8.5	11.5	14.4	17.5	21.1
-45°	0.0	0.7	1.1	1.2	2.6	4.8	7.3	10.0	12.6	15.5	18.5
-47.5°	0.0	0.7	1.0	1.0	2.3	4.1	6.2	8.7	10.8	13.5	16.3
-50°	0.0	0.6	1.0	1.0	2.1	3.5	5.4	7.5	9.4	11.8	14.2
-52.5°	0.0	0.6	1.0	1.0	1.8	2.9	4.7	6.3	8.1	10.2	12.1
-55°	0.0	0.6	1.0	1.0	1.5	2.5	3.9	5.2	6.9	8.7	10.5
-57.5°	0.0	0.5	1.0	1.0	1.3	2.2	3.2	4.4	5.8	7.3	8.8
-60°	0.0	0.5	1.0	1.0	1.0	1.8	2.6	3.7	4.7	6.1	7.3
-62.5°	0.0	0.5	0.9	1.0	1.0	1.5	2.2	3.0	3.9	4.8	5.9
-65°	0.0	0.4	0.8	1.0	1.0	1.2	1.8	2.3	3.1	3.9	4.6
-67.5°	0.0	0.4	0.8	1.0	1.0	1.0	1.4	1.9	2.3	3.0	3.6
-70°	0.0	0.3	0.7	1.0	1.0	1.0	1.0	1.5	1.9	2.2	2.7
-72.5°	0.0	0.3	0.6	0.9	1.0	1.0	1.0	1.1	1.5	1.8	2.0
-75°	0.0	0.3	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.3	1.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.1
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.0	1.0
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	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





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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°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
77.5°	1.3	1.5	1.7	1.9	2.1	2.5	2.8	3.1	3.4	3.8	4.3
75°	1.7	2.0	2.5	3.1	3.6	4.0	4.3	4.8	5.5	6.3	7.0
72.5°	2.4	3.0	3.7	4.5	5.3	6.0	6.7	7.3	8.4	9.6	10.5
70°	3.3	4.1	5.1	6.3	7.4	8.3	9.7	11.4	13.0	13.9	14.3
67.5°	4.3	5.5	6.8	8.2	9.7	11.2	13.2	15.0	16.7	17.3	18.0
65°	5.6	7.0	8.5	10.2	11.9	13.9	15.8	17.8	19.6	20.5	21.6
62.5°	6.9	8.5	10.3	12.2	14.2	16.2	18.6	20.6	22.2	24.0	26.1
60°	8.5	10.1	12.1	14.3	16.5	19.4	21.8	24.0	26.0	28.0	31.3
57.5°	10.1	11.7	14.0	16.5	19.6	22.8	25.5	27.9	30.7	33.7	36.9
55°	11.9	13.4	16.0	19.0	22.5	26.4	29.5	32.8	36.1	38.8	41.6
52.5°	14.0	15.3	18.0	21.6	25.6	29.9	34.2	37.6	40.6	43.6	46.8
50°	16.2	17.8	20.0	24.3	28.8	33.7	38.5	42.0	45.4	48.8	52.5
47.5°	18.7	20.5	22.4	27.0	32.1	37.1	42.1	46.5	50.3	54.9	59.1
45°	21.5	23.6	25.6	29.9	35.1	40.3	45.8	51.1	56.4	61.8	68.5
42.5°	24.3	26.7	29.3	32.6	37.8	43.5	49.4	56.5	63.3	70.7	79.5
40°	27.2	29.8	32.9	35.8	40.5	46.8	54.0	61.9	71.5	81.2	91.8
37.5°	30.0	33.0	36.2	39.3	43.4	50.5	58.5	68.6	80.2	92.4	105.9
35°	32.7	36.0	39.3	43.0	47.5	54.5	64.3	75.8	89.6	105.1	117.4
32.5°	35.3	38.9	42.3	46.6	52.3	59.5	69.9	84.3	100.3	116.0	124.3
30°	38.7	41.5	45.2	50.1	57.0	66.1	77.3	92.9	111.1	121.8	129.5
27.5°	43.1	44.1	48.2	54.0	61.8	72.5	86.6	102.8	117.8	127.3	134.1
25°	47.5	48.5	51.1	58.0	67.6	80.2	96.0	114.5	123.4	131.4	139.3
22.5°	51.6	52.7	56.0	61.7	73.1	88.0	106.4	122.6	131.1	136.2	144.8
20°	55.5	57.3	61.3	67.9	78.9	95.4	116.5	130.1	138.2	144.2	152.2
17.5°	59.3	61.7	66.7	74.7	86.9	103.8	125.7	137.5	145.5	151.3	161.1
15°	63.0	66.0	71.8	81.0	94.4	112.7	131.8	143.6	152.2	157.9	169.4
12.5°	66.5	70.3	76.8	86.9	101.1	120.5	137.0	147.6	156.1	164.9	176.8
10°	69.9	74.3	81.5	92.4	107.2	127.2	141.3	150.8	159.2	170.5	182.9
7.5°	70.5	76.4	85.3	97.4	112.5	132.9	144.8	153.3	162.4	175.6	188.4
5°	70.5	76.3	85.6	98.7	115.1	136.2	147.3	155.1	165.5	180.1	193.3
2.5°	70.4	75.9	85.7	99.1	115.7	136.6	147.7	155.6	167.3	184.6	197.8
0°	70.3	75.4	85.5	99.1	115.8	136.1	147.7	155.8	168.4	188.7	201.8
-2.5°	70.4	75.9	85.7	99.1	115.7	136.6	147.7	155.6	167.3	184.6	197.8
-5°	70.5	76.3	85.6	98.7	115.1	136.2	147.3	155.1	165.5	180.1	193.3
-7.5°	70.5	76.4	85.3	97.4	112.5	132.9	144.8	153.3	162.4	175.6	188.4
-10°	69.9	74.3	81.5	92.4	107.2	127.2	141.3	150.8	159.2	170.5	182.9
-12.5°	66.5	70.3	76.8	86.9	101.1	120.5	137.0	147.6	156.1	164.9	176.8
-15°	63.0	66.0	71.8	81.0	94.4	112.7	131.8	143.6	152.2	157.9	169.4
-17.5°	59.3	61.7	66.7	74.7	86.9	103.8	125.7	137.5	145.5	151.3	161.1
-20°	55.5	57.3	61.3	67.9	78.9	95.4	116.5	130.1	138.2	144.2	152.2



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	51.6	52.7	56.0	61.7	73.1	88.0	106.4	122.6	131.1	136.2	144.8
-25°	47.5	48.5	51.1	58.0	67.6	80.2	96.0	114.5	123.4	131.4	139.3
-27.5°	43.1	44.1	48.2	54.0	61.8	72.5	86.6	102.8	117.8	127.3	134.1
-30°	38.7	41.5	45.2	50.1	57.0	66.1	77.3	92.9	111.1	121.8	129.5
-32.5°	35.3	38.9	42.3	46.6	52.3	59.5	69.9	84.3	100.3	116.0	124.3
-35°	32.7	36.0	39.3	43.0	47.5	54.5	64.3	75.8	89.6	105.1	117.4
-37.5°	30.0	33.0	36.2	39.3	43.4	50.5	58.5	68.6	80.2	92.4	105.9
-40°	27.2	29.8	32.9	35.8	40.5	46.8	54.0	61.9	71.5	81.2	91.8
-42.5°	24.3	26.7	29.3	32.6	37.8	43.5	49.4	56.5	63.3	70.7	79.5
-45°	21.5	23.6	25.6	29.9	35.1	40.3	45.8	51.1	56.4	61.8	68.5
-47.5°	18.7	20.5	22.4	27.0	32.1	37.1	42.1	46.5	50.3	54.9	59.1
-50°	16.2	17.8	20.0	24.3	28.8	33.7	38.5	42.0	45.4	48.8	52.5
-52.5°	14.0	15.3	18.0	21.6	25.6	29.9	34.2	37.6	40.6	43.6	46.8
-55°	11.9	13.4	16.0	19.0	22.5	26.4	29.5	32.8	36.1	38.8	41.6
-57.5°	10.1	11.7	14.0	16.5	19.6	22.8	25.5	27.9	30.7	33.7	36.9
-60°	8.5	10.1	12.1	14.3	16.5	19.4	21.8	24.0	26.0	28.0	31.3
-62.5°	6.9	8.5	10.3	12.2	14.2	16.2	18.6	20.6	22.2	24.0	26.1
-65°	5.6	7.0	8.5	10.2	11.9	13.9	15.8	17.8	19.6	20.5	21.6
-67.5°	4.3	5.5	6.8	8.2	9.7	11.2	13.2	15.0	16.7	17.3	18.0
-70°	3.3	4.1	5.1	6.3	7.4	8.3	9.7	11.4	13.0	13.9	14.3
-72.5°	2.4	3.0	3.7	4.5	5.3	6.0	6.7	7.3	8.4	9.6	10.5
-75°	1.7	2.0	2.5	3.1	3.6	4.0	4.3	4.8	5.5	6.3	7.0
-77.5°	1.3	1.5	1.7	1.9	2.1	2.5	2.8	3.1	3.4	3.8	4.3
-80°	1.0	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.4
-82.5°	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.1	1.2	1.3	1.4
-85°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
80°	2.7	2.9	3.1	3.2	3.3	3.6	4.1	4.6	5.1	5.3	5.4
77.5°	4.9	5.2	5.4	5.6	5.7	6.5	7.5	8.5	9.6	10.2	10.7
75°	7.7	8.1	8.4	8.6	8.7	9.9	11.7	13.6	15.5	16.5	17.3
72.5°	11.1	11.4	11.7	11.9	12.1	13.9	17.1	20.7	24.4	26.7	28.4
70°	14.8	15.2	15.5	15.8	16.0	18.1	22.8	27.7	32.8	37.9	43.3
67.5°	18.7	19.6	20.0	20.3	20.5	22.3	27.3	31.9	36.2	45.4	59.9
65°	23.0	24.9	25.7	26.2	26.4	27.2	31.5	35.3	38.8	46.0	57.0
62.5°	28.4	30.9	32.1	32.7	33.0	33.1	36.6	39.8	42.8	47.2	54.2
60°	34.2	37.0	38.5	38.9	39.2	39.3	42.1	45.3	48.2	51.9	58.4
57.5°	39.6	42.2	44.4	45.3	45.9	46.4	48.8	52.6	56.1	59.8	66.8
55°	44.8	47.9	50.9	52.6	54.1	55.5	57.9	62.7	67.2	71.4	78.8
52.5°	50.4	54.4	58.4	61.4	64.3	66.9	69.5	75.6	81.7	87.4	94.5
50°	57.0	62.0	67.8	72.8	77.0	81.1	84.8	92.1	100.3	108.1	115.5
47.5°	65.5	72.0	79.5	86.5	92.2	98.7	104.5	112.0	119.2	126.4	132.6
45°	75.8	85.0	93.6	102.8	111.0	115.2	118.6	123.3	130.7	137.8	143.6
42.5°	89.2	99.8	110.3	117.2	122.5	125.9	128.3	130.8	138.6	145.5	151.0
40°	103.9	114.5	121.1	126.8	130.3	133.4	137.3	141.1	147.2	154.2	160.4
37.5°	116.7	123.6	129.3	133.7	138.1	142.2	147.7	153.2	159.0	166.9	172.7
35°	124.6	130.6	136.4	142.0	147.6	153.9	160.8	168.9	176.0	169.5	160.1
32.5°	130.6	136.8	143.8	152.4	160.1	168.7	177.4	163.4	149.1	143.4	144.6
30°	135.8	143.0	152.7	163.9	174.6	170.8	151.7	145.0	147.0	150.9	158.5
27.5°	141.5	150.3	162.1	175.9	167.5	146.3	147.4	151.3	164.4	175.5	192.4
25°	148.1	158.8	173.4	167.1	147.7	149.7	159.5	174.3	199.2	222.5	242.8
22.5°	156.1	169.8	171.7	147.7	150.3	163.1	183.1	215.1	245.4	273.5	294.5
20°	164.2	180.0	155.6	150.6	161.9	184.8	221.7	258.5	292.3	317.4	338.5
17.5°	173.9	168.3	151.1	156.5	179.3	218.8	260.4	299.4	331.3	374.8	411.8
15°	182.4	157.0	153.9	171.7	205.9	250.4	295.6	330.6	388.2	450.6	513.6
12.5°	177.6	153.1	158.8	185.2	230.2	278.3	318.2	373.7	450.0	541.0	677.8
10°	170.3	155.3	169.4	203.9	251.0	297.9	339.3	412.0	512.7	679.9	895.3
7.5°	164.7	156.3	176.3	218.2	266.5	309.7	365.0	453.1	593.4	822.8	1281.4
5°	160.5	156.2	179.5	226.5	275.7	317.8	380.8	482.9	672.5	999.3	1783.1
2.5°	158.6	155.4	180.4	231.0	280.2	322.3	390.6	504.4	722.4	1163.3	2344.6
0°	159.8	153.8	180.1	232.7	282.8	321.7	392.0	510.9	737.5	1223.9	2420.0
-2.5°	158.6	155.4	180.4	231.0	280.2	322.3	390.6	504.4	722.4	1163.3	2344.6
-5°	160.5	156.2	179.5	226.5	275.7	317.8	380.8	482.9	672.5	999.3	1783.1
-7.5°	164.7	156.3	176.3	218.2	266.5	309.7	365.0	453.1	593.4	822.8	1281.4
-10°	170.3	155.3	169.4	203.9	251.0	297.9	339.3	412.0	512.7	679.9	895.3
-12.5°	177.6	153.1	158.8	185.2	230.2	278.3	318.2	373.7	450.0	541.0	677.8
-15°	182.4	157.0	153.9	171.7	205.9	250.4	295.6	330.6	388.2	450.6	513.6
-17.5°	173.9	168.3	151.1	156.5	179.3	218.8	260.4	299.4	331.3	374.8	411.8
-20°	164.2	180.0	155.6	150.6	161.9	184.8	221.7	258.5	292.3	317.4	338.5



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	156.1	169.8	171.7	147.7	150.3	163.1	183.1	215.1	245.4	273.5	294.5
-25°	148.1	158.8	173.4	167.1	147.7	149.7	159.5	174.3	199.2	222.5	242.8
-27.5°	141.5	150.3	162.1	175.9	167.5	146.3	147.4	151.3	164.4	175.5	192.4
-30°	135.8	143.0	152.7	163.9	174.6	170.8	151.7	145.0	147.0	150.9	158.5
-32.5°	130.6	136.8	143.8	152.4	160.1	168.7	177.4	163.4	149.1	143.4	144.6
-35°	124.6	130.6	136.4	142.0	147.6	153.9	160.8	168.9	176.0	169.5	160.1
-37.5°	116.7	123.6	129.3	133.7	138.1	142.2	147.7	153.2	159.0	166.9	172.7
-40°	103.9	114.5	121.1	126.8	130.3	133.4	137.3	141.1	147.2	154.2	160.4
-42.5°	89.2	99.8	110.3	117.2	122.5	125.9	128.3	130.8	138.6	145.5	151.0
-45°	75.8	85.0	93.6	102.8	111.0	115.2	118.6	123.3	130.7	137.8	143.6
-47.5°	65.5	72.0	79.5	86.5	92.2	98.7	104.5	112.0	119.2	126.4	132.6
-50°	57.0	62.0	67.8	72.8	77.0	81.1	84.8	92.1	100.3	108.1	115.5
-52.5°	50.4	54.4	58.4	61.4	64.3	66.9	69.5	75.6	81.7	87.4	94.5
-55°	44.8	47.9	50.9	52.6	54.1	55.5	57.9	62.7	67.2	71.4	78.8
-57.5°	39.6	42.2	44.4	45.3	45.9	46.4	48.8	52.6	56.1	59.8	66.8
-60°	34.2	37.0	38.5	38.9	39.2	39.3	42.1	45.3	48.2	51.9	58.4
-62.5°	28.4	30.9	32.1	32.7	33.0	33.1	36.6	39.8	42.8	47.2	54.2
-65°	23.0	24.9	25.7	26.2	26.4	27.2	31.5	35.3	38.8	46.0	57.0
-67.5°	18.7	19.6	20.0	20.3	20.5	22.3	27.3	31.9	36.2	45.4	59.9
-70°	14.8	15.2	15.5	15.8	16.0	18.1	22.8	27.7	32.8	37.9	43.3
-72.5°	11.1	11.4	11.7	11.9	12.1	13.9	17.1	20.7	24.4	26.7	28.4
-75°	7.7	8.1	8.4	8.6	8.7	9.9	11.7	13.6	15.5	16.5	17.3
-77.5°	4.9	5.2	5.4	5.6	5.7	6.5	7.5	8.5	9.6	10.2	10.7
-80°	2.7	2.9	3.1	3.2	3.3	3.6	4.1	4.6	5.1	5.3	5.4
-82.5°	1.5	1.5	1.6	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0
-85°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
80°	5.5	5.5	5.3	5.1	5.3	5.5	5.5	5.4	5.3	5.1	4.6
77.5°	11.1	11.5	11.1	10.6	11.1	11.5	11.1	10.7	10.2	9.6	8.5
75°	17.9	18.5	18.2	17.7	18.2	18.5	17.9	17.3	16.5	15.5	13.6
72.5°	30.0	31.4	31.1	30.4	31.1	31.4	30.0	28.4	26.7	24.4	20.7
70°	49.0	54.7	54.5	53.1	54.5	54.7	49.0	43.3	37.9	32.8	27.7
67.5°	75.6	91.9	97.1	99.7	97.1	91.9	75.6	59.9	45.4	36.2	31.9
65°	67.3	77.2	81.1	84.0	81.1	77.2	67.3	57.0	46.0	38.8	35.3
62.5°	60.6	66.4	67.7	67.8	67.7	66.4	60.6	54.2	47.2	42.8	39.8
60°	64.8	71.0	71.9	70.8	71.9	71.0	64.8	58.4	51.9	48.2	45.3
57.5°	73.6	80.1	81.3	79.9	81.3	80.1	73.6	66.8	59.8	56.1	52.6
55°	85.8	92.3	94.5	94.1	94.5	92.3	85.8	78.8	71.4	67.2	62.7
52.5°	101.3	107.4	109.9	109.8	109.9	107.4	101.3	94.5	87.4	81.7	75.6
50°	122.0	127.4	130.1	130.5	130.1	127.4	122.0	115.5	108.1	100.3	92.1
47.5°	137.0	140.5	142.4	142.6	142.4	140.5	137.0	132.6	126.4	119.2	112.0
45°	146.1	148.0	149.5	150.7	149.5	148.0	146.1	143.6	137.8	130.7	123.3
42.5°	154.8	158.8	161.7	162.4	161.7	158.8	154.8	151.0	145.5	138.6	130.8
40°	166.3	171.8	177.1	182.6	177.1	171.8	166.3	160.4	154.2	147.2	141.1
37.5°	178.7	184.8	189.9	192.7	189.9	184.8	178.7	172.7	166.9	159.0	153.2
35°	153.5	149.5	147.1	146.2	147.1	149.5	153.5	160.1	169.5	176.0	168.9
32.5°	145.3	145.6	145.1	144.2	145.1	145.6	145.3	144.6	143.4	149.1	163.4
30°	164.1	166.7	167.0	166.9	167.0	166.7	164.1	158.5	150.9	147.0	145.0
27.5°	204.9	211.7	213.8	218.0	213.8	211.7	204.9	192.4	175.5	164.4	151.3
25°	258.6	268.9	273.9	275.7	273.9	268.9	258.6	242.8	222.5	199.2	174.3
22.5°	306.4	314.2	318.8	322.7	318.8	314.2	306.4	294.5	273.5	245.4	215.1
20°	363.0	377.4	384.0	384.4	384.0	377.4	363.0	338.5	317.4	292.3	258.5
17.5°	451.4	479.4	493.3	497.2	493.3	479.4	451.4	411.8	374.8	331.3	299.4
15°	590.8	662.2	698.9	716.3	698.9	662.2	590.8	513.6	450.6	388.2	330.6
12.5°	818.3	979.2	1109.4	1158.4	1109.4	979.2	818.3	677.8	541.0	450.0	373.7
10°	1268.9	1749.7	2311.2	2573.3	2311.2	1749.7	1268.9	895.3	679.9	512.7	412.0
7.5°	2454.9	5699.7	11047.0	13597.7	11047.0	5699.7	2454.9	1281.4	822.8	593.4	453.1
5°	5232.6	22582.1	40441.8	47502.3	40441.8	22582.1	5232.6	1783.1	999.3	672.5	482.9
2.5°	8334.4	37037.6	69884.1	81715.0	69884.1	37037.6	8334.4	2344.6	1163.3	722.4	504.4
0°	9957.9	39030.8	77115.5	88920.2	77115.5	39030.8	9957.9	2420.0	1223.9	737.5	510.9
-2.5°	8334.4	37037.6	69884.1	81714.9	69884.1	37037.6	8334.4	2344.6	1163.3	722.4	504.4
-5°	5232.6	22582.1	40441.8	47502.3	40441.8	22582.1	5232.6	1783.1	999.3	672.5	482.9
-7.5°	2454.9	5699.7	11047.0	13597.7	11047.0	5699.7	2454.9	1281.4	822.8	593.4	453.1
-10°	1268.9	1749.7	2311.2	2573.3	2311.2	1749.7	1268.9	895.3	679.9	512.7	412.0
-12.5°	818.3	979.2	1109.4	1158.4	1109.4	979.2	818.3	677.8	541.0	450.0	373.7
-15°	590.8	662.2	698.9	716.3	698.9	662.2	590.8	513.6	450.6	388.2	330.6
-17.5°	451.4	479.4	493.3	497.2	493.3	479.4	451.4	411.8	374.8	331.3	299.4
-20°	363.0	377.4	384.0	384.4	384.0	377.4	363.0	338.5	317.4	292.3	258.5



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	306.4	314.2	318.8	322.7	318.8	314.2	306.4	294.5	273.5	245.4	215.1
-25°	258.6	268.9	273.9	275.7	273.9	268.9	258.6	242.8	222.5	199.2	174.3
-27.5°	204.9	211.7	213.8	218.0	213.8	211.7	204.9	192.4	175.5	164.4	151.3
-30°	164.1	166.7	167.0	166.9	167.0	166.7	164.1	158.5	150.9	147.0	145.0
-32.5°	145.3	145.6	145.1	144.2	145.1	145.6	145.3	144.6	143.4	149.1	163.4
-35°	153.5	149.5	147.1	146.2	147.1	149.5	153.5	160.1	169.5	176.0	168.9
-37.5°	178.7	184.8	189.9	192.7	189.9	184.8	178.7	172.7	166.9	159.0	153.2
-40°	166.3	171.8	177.1	182.6	177.1	171.8	166.3	160.4	154.2	147.2	141.1
-42.5°	154.8	158.8	161.7	162.4	161.7	158.8	154.8	151.0	145.5	138.6	130.8
-45°	146.1	148.0	149.5	150.7	149.5	148.0	146.1	143.6	137.8	130.7	123.3
-47.5°	137.0	140.5	142.4	142.6	142.4	140.5	137.0	132.6	126.4	119.2	112.0
-50°	122.0	127.4	130.1	130.5	130.1	127.4	122.0	115.5	108.1	100.3	92.1
-52.5°	101.3	107.4	109.9	109.8	109.9	107.4	101.3	94.5	87.4	81.7	75.6
-55°	85.8	92.3	94.5	94.1	94.5	92.3	85.8	78.8	71.4	67.2	62.7
-57.5°	73.6	80.1	81.3	79.9	81.3	80.1	73.6	66.8	59.8	56.1	52.6
-60°	64.8	71.0	71.9	70.8	71.9	71.0	64.8	58.4	51.9	48.2	45.3
-62.5°	60.6	66.4	67.7	67.8	67.7	66.4	60.6	54.2	47.2	42.8	39.8
-65°	67.3	77.2	81.1	84.0	81.1	77.2	67.3	57.0	46.0	38.8	35.3
-67.5°	75.6	91.9	97.1	99.7	97.1	91.9	75.6	59.9	45.4	36.2	31.9
-70°	49.0	54.7	54.5	53.1	54.5	54.7	49.0	43.3	37.9	32.8	27.7
-72.5°	30.0	31.4	31.1	30.4	31.1	31.4	30.0	28.4	26.7	24.4	20.7
-75°	17.9	18.5	18.2	17.7	18.2	18.5	17.9	17.3	16.5	15.5	13.6
-77.5°	11.1	11.5	11.1	10.6	11.1	11.5	11.1	10.7	10.2	9.6	8.5
-80°	5.5	5.5	5.3	5.1	5.3	5.5	5.5	5.4	5.3	5.1	4.6
-82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9
-85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
80°	4.1	3.6	3.3	3.2	3.1	2.9	2.7	2.4	2.1	1.9	1.8
77.5°	7.5	6.5	5.7	5.6	5.4	5.2	4.9	4.3	3.8	3.4	3.1
75°	11.7	9.9	8.7	8.6	8.4	8.1	7.7	7.0	6.3	5.5	4.8
72.5°	17.1	13.9	12.1	11.9	11.7	11.4	11.1	10.5	9.6	8.4	7.3
70°	22.8	18.1	16.0	15.8	15.5	15.2	14.8	14.3	13.9	13.0	11.4
67.5°	27.3	22.3	20.5	20.3	20.0	19.6	18.7	18.0	17.3	16.7	15.0
65°	31.5	27.2	26.4	26.2	25.7	24.9	23.0	21.6	20.5	19.6	17.8
62.5°	36.6	33.1	33.0	32.7	32.1	30.9	28.4	26.1	24.0	22.2	20.6
60°	42.1	39.3	39.2	38.9	38.5	37.0	34.2	31.3	28.0	26.0	24.0
57.5°	48.8	46.4	45.9	45.3	44.4	42.2	39.6	36.9	33.7	30.7	27.9
55°	57.9	55.5	54.1	52.6	50.9	47.9	44.8	41.6	38.8	36.1	32.8
52.5°	69.5	66.9	64.3	61.4	58.4	54.4	50.4	46.8	43.6	40.6	37.6
50°	84.8	81.1	77.0	72.8	67.8	62.0	57.0	52.5	48.8	45.4	42.0
47.5°	104.5	98.7	92.2	86.5	79.5	72.0	65.5	59.1	54.9	50.3	46.5
45°	118.6	115.2	111.0	102.8	93.6	85.0	75.8	68.5	61.8	56.4	51.1
42.5°	128.3	125.9	122.5	117.2	110.3	99.8	89.2	79.5	70.7	63.3	56.5
40°	137.3	133.4	130.3	126.8	121.1	114.5	103.9	91.8	81.2	71.5	61.9
37.5°	147.7	142.2	138.1	133.7	129.3	123.6	116.7	105.9	92.4	80.2	68.6
35°	160.8	153.9	147.6	142.0	136.4	130.6	124.6	117.4	105.1	89.6	75.8
32.5°	177.4	168.7	160.1	152.4	143.8	136.8	130.6	124.3	116.0	100.3	84.3
30°	151.7	170.8	174.6	163.9	152.7	143.0	135.8	129.5	121.8	111.1	92.9
27.5°	147.4	146.3	167.5	175.9	162.1	150.3	141.5	134.1	127.3	117.8	102.8
25°	159.5	149.7	147.7	167.1	173.4	158.8	148.1	139.3	131.4	123.4	114.5
22.5°	183.1	163.1	150.3	147.7	171.7	169.8	156.1	144.8	136.2	131.1	122.6
20°	221.7	184.8	161.9	150.6	155.6	180.0	164.2	152.2	144.2	138.2	130.1
17.5°	260.4	218.8	179.3	156.5	151.1	168.3	173.9	161.1	151.3	145.5	137.5
15°	295.6	250.4	205.9	171.7	153.9	157.0	182.4	169.4	157.9	152.2	143.6
12.5°	318.2	278.3	230.2	185.2	158.8	153.1	177.6	176.8	164.9	156.1	147.6
10°	339.3	297.9	251.0	203.9	169.4	155.3	170.3	182.9	170.5	159.2	150.8
7.5°	365.0	309.7	266.5	218.2	176.3	156.3	164.7	188.4	175.6	162.4	153.3
5°	380.8	317.8	275.7	226.5	179.5	156.2	160.5	193.3	180.1	165.5	155.1
2.5°	390.6	322.3	280.2	231.0	180.4	155.4	158.6	197.8	184.6	167.3	155.6
0°	392.0	321.7	282.8	232.7	180.1	153.8	159.8	201.8	188.7	168.4	155.8
-2.5°	390.6	322.3	280.2	231.0	180.4	155.4	158.6	197.8	184.6	167.3	155.6
-5°	380.8	317.8	275.7	226.5	179.5	156.2	160.5	193.3	180.1	165.5	155.1
-7.5°	365.0	309.7	266.5	218.2	176.3	156.3	164.7	188.4	175.6	162.4	153.3
-10°	339.3	297.9	251.0	203.9	169.4	155.3	170.3	182.9	170.5	159.2	150.8
-12.5°	318.2	278.3	230.2	185.2	158.8	153.1	177.6	176.8	164.9	156.1	147.6
-15°	295.6	250.4	205.9	171.7	153.9	157.0	182.4	169.4	157.9	152.2	143.6
-17.5°	260.4	218.8	179.3	156.5	151.1	168.3	173.9	161.1	151.3	145.5	137.5
-20°	221.7	184.8	161.9	150.6	155.6	180.0	164.2	152.2	144.2	138.2	130.1



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	183.1	163.1	150.3	147.7	171.7	169.8	156.1	144.8	136.2	131.1	122.6
-25°	159.5	149.7	147.7	167.1	173.4	158.8	148.1	139.3	131.4	123.4	114.5
-27.5°	147.4	146.3	167.5	175.9	162.1	150.3	141.5	134.1	127.3	117.8	102.8
-30°	151.7	170.8	174.6	163.9	152.7	143.0	135.8	129.5	121.8	111.1	92.9
-32.5°	177.4	168.7	160.1	152.4	143.8	136.8	130.6	124.3	116.0	100.3	84.3
-35°	160.8	153.9	147.6	142.0	136.4	130.6	124.6	117.4	105.1	89.6	75.8
-37.5°	147.7	142.2	138.1	133.7	129.3	123.6	116.7	105.9	92.4	80.2	68.6
-40°	137.3	133.4	130.3	126.8	121.1	114.5	103.9	91.8	81.2	71.5	61.9
-42.5°	128.3	125.9	122.5	117.2	110.3	99.8	89.2	79.5	70.7	63.3	56.5
-45°	118.6	115.2	111.0	102.8	93.6	85.0	75.8	68.5	61.8	56.4	51.1
-47.5°	104.5	98.7	92.2	86.5	79.5	72.0	65.5	59.1	54.9	50.3	46.5
-50°	84.8	81.1	77.0	72.8	67.8	62.0	57.0	52.5	48.8	45.4	42.0
-52.5°	69.5	66.9	64.3	61.4	58.4	54.4	50.4	46.8	43.6	40.6	37.6
-55°	57.9	55.5	54.1	52.6	50.9	47.9	44.8	41.6	38.8	36.1	32.8
-57.5°	48.8	46.4	45.9	45.3	44.4	42.2	39.6	36.9	33.7	30.7	27.9
-60°	42.1	39.3	39.2	38.9	38.5	37.0	34.2	31.3	28.0	26.0	24.0
-62.5°	36.6	33.1	33.0	32.7	32.1	30.9	28.4	26.1	24.0	22.2	20.6
-65°	31.5	27.2	26.4	26.2	25.7	24.9	23.0	21.6	20.5	19.6	17.8
-67.5°	27.3	22.3	20.5	20.3	20.0	19.6	18.7	18.0	17.3	16.7	15.0
-70°	22.8	18.1	16.0	15.8	15.5	15.2	14.8	14.3	13.9	13.0	11.4
-72.5°	17.1	13.9	12.1	11.9	11.7	11.4	11.1	10.5	9.6	8.4	7.3
-75°	11.7	9.9	8.7	8.6	8.4	8.1	7.7	7.0	6.3	5.5	4.8
-77.5°	7.5	6.5	5.7	5.6	5.4	5.2	4.9	4.3	3.8	3.4	3.1
-80°	4.1	3.6	3.3	3.2	3.1	2.9	2.7	2.4	2.1	1.9	1.8
-82.5°	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1
-85°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-930-U-TSB-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°	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3
85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	2.8	2.5	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
75°	4.3	4.0	3.6	3.1	2.5	2.0	1.7	1.5	1.3	1.0	1.0
72.5°	6.7	6.0	5.3	4.5	3.7	3.0	2.4	2.0	1.8	1.5	1.1
70°	9.7	8.3	7.4	6.3	5.1	4.1	3.3	2.7	2.2	1.9	1.5
67.5°	13.2	11.2	9.7	8.2	6.8	5.5	4.3	3.6	3.0	2.3	1.9
65°	15.8	13.9	11.9	10.2	8.5	7.0	5.6	4.6	3.9	3.1	2.3
62.5°	18.6	16.2	14.2	12.2	10.3	8.5	6.9	5.9	4.8	3.9	3.0
60°	21.8	19.4	16.5	14.3	12.1	10.1	8.5	7.3	6.1	4.7	3.7
57.5°	25.5	22.8	19.6	16.5	14.0	11.7	10.1	8.8	7.3	5.8	4.4
55°	29.5	26.4	22.5	19.0	16.0	13.4	11.9	10.5	8.7	6.9	5.2
52.5°	34.2	29.9	25.6	21.6	18.0	15.3	14.0	12.1	10.2	8.1	6.3
50°	38.5	33.7	28.8	24.3	20.0	17.8	16.2	14.2	11.8	9.4	7.5
47.5°	42.1	37.1	32.1	27.0	22.4	20.5	18.7	16.3	13.5	10.8	8.7
45°	45.8	40.3	35.1	29.9	25.6	23.6	21.5	18.5	15.5	12.6	10.0
42.5°	49.4	43.5	37.8	32.6	29.3	26.7	24.3	21.1	17.5	14.4	11.5
40°	54.0	46.8	40.5	35.8	32.9	29.8	27.2	23.9	19.6	16.4	13.2
37.5°	58.5	50.5	43.4	39.3	36.2	33.0	30.0	26.7	22.3	18.6	14.8
35°	64.3	54.5	47.5	43.0	39.3	36.0	32.7	29.5	25.5	20.9	16.5
32.5°	69.9	59.5	52.3	46.6	42.3	38.9	35.3	33.0	28.7	23.2	18.2
30°	77.3	66.1	57.0	50.1	45.2	41.5	38.7	36.9	32.1	25.6	20.0
27.5°	86.6	72.5	61.8	54.0	48.2	44.1	43.1	41.2	35.5	28.1	21.9
25°	96.0	80.2	67.6	58.0	51.1	48.5	47.5	45.8	39.1	30.9	23.8
22.5°	106.4	88.0	73.1	61.7	56.0	52.7	51.6	49.8	42.9	33.7	25.7
20°	116.5	95.4	78.9	67.9	61.3	57.3	55.5	53.7	46.9	36.6	27.5
17.5°	125.7	103.8	86.9	74.7	66.7	61.7	59.3	57.5	50.9	39.3	29.2
15°	131.8	112.7	94.4	81.0	71.8	66.0	63.0	61.2	55.0	42.0	30.5
12.5°	137.0	120.5	101.1	86.9	76.8	70.3	66.5	64.9	59.1	43.8	31.1
10°	141.3	127.2	107.2	92.4	81.5	74.3	69.9	67.5	60.7	44.7	31.7
7.5°	144.8	132.9	112.5	97.4	85.3	76.4	70.5	68.0	61.7	45.3	32.2
5°	147.3	136.2	115.1	98.7	85.6	76.3	70.5	68.3	62.3	45.8	32.6
2.5°	147.7	136.6	115.7	99.1	85.7	75.9	70.4	68.6	62.7	46.0	32.8
0°	147.7	136.1	115.8	99.1	85.5	75.4	70.3	68.8	62.7	46.0	32.9
-2.5°	147.7	136.6	115.7	99.1	85.7	75.9	70.4	68.6	62.7	46.0	32.8
-5°	147.3	136.2	115.1	98.7	85.6	76.3	70.5	68.3	62.3	45.8	32.6
-7.5°	144.8	132.9	112.5	97.4	85.3	76.4	70.5	68.0	61.7	45.3	32.2
-10°	141.3	127.2	107.2	92.4	81.5	74.3	69.9	67.5	60.7	44.7	31.7
-12.5°	137.0	120.5	101.1	86.9	76.8	70.3	66.5	64.9	59.1	43.8	31.1
-15°	131.8	112.7	94.4	81.0	71.8	66.0	63.0	61.2	55.0	42.0	30.5
-17.5°	125.7	103.8	86.9	74.7	66.7	61.7	59.3	57.5	50.9	39.3	29.2
-20°	116.5	95.4	78.9	67.9	61.3	57.3	55.5	53.7	46.9	36.6	27.5



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	106.4	88.0	73.1	61.7	56.0	52.7	51.6	49.8	42.9	33.7	25.7
-25°	96.0	80.2	67.6	58.0	51.1	48.5	47.5	45.8	39.1	30.9	23.8
-27.5°	86.6	72.5	61.8	54.0	48.2	44.1	43.1	41.2	35.5	28.1	21.9
-30°	77.3	66.1	57.0	50.1	45.2	41.5	38.7	36.9	32.1	25.6	20.0
-32.5°	69.9	59.5	52.3	46.6	42.3	38.9	35.3	33.0	28.7	23.2	18.2
-35°	64.3	54.5	47.5	43.0	39.3	36.0	32.7	29.5	25.5	20.9	16.5
-37.5°	58.5	50.5	43.4	39.3	36.2	33.0	30.0	26.7	22.3	18.6	14.8
-40°	54.0	46.8	40.5	35.8	32.9	29.8	27.2	23.9	19.6	16.4	13.2
-42.5°	49.4	43.5	37.8	32.6	29.3	26.7	24.3	21.1	17.5	14.4	11.5
-45°	45.8	40.3	35.1	29.9	25.6	23.6	21.5	18.5	15.5	12.6	10.0
-47.5°	42.1	37.1	32.1	27.0	22.4	20.5	18.7	16.3	13.5	10.8	8.7
-50°	38.5	33.7	28.8	24.3	20.0	17.8	16.2	14.2	11.8	9.4	7.5
-52.5°	34.2	29.9	25.6	21.6	18.0	15.3	14.0	12.1	10.2	8.1	6.3
-55°	29.5	26.4	22.5	19.0	16.0	13.4	11.9	10.5	8.7	6.9	5.2
-57.5°	25.5	22.8	19.6	16.5	14.0	11.7	10.1	8.8	7.3	5.8	4.4
-60°	21.8	19.4	16.5	14.3	12.1	10.1	8.5	7.3	6.1	4.7	3.7
-62.5°	18.6	16.2	14.2	12.2	10.3	8.5	6.9	5.9	4.8	3.9	3.0
-65°	15.8	13.9	11.9	10.2	8.5	7.0	5.6	4.6	3.9	3.1	2.3
-67.5°	13.2	11.2	9.7	8.2	6.8	5.5	4.3	3.6	3.0	2.3	1.9
-70°	9.7	8.3	7.4	6.3	5.1	4.1	3.3	2.7	2.2	1.9	1.5
-72.5°	6.7	6.0	5.3	4.5	3.7	3.0	2.4	2.0	1.8	1.5	1.1
-75°	4.3	4.0	3.6	3.1	2.5	2.0	1.7	1.5	1.3	1.0	1.0
-77.5°	2.8	2.5	2.1	1.9	1.7	1.5	1.3	1.1	1.0	1.0	1.0
-80°	1.7	1.6	1.4	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0
-82.5°	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.9
-85°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6
-87.5°	0.3	0.3	0.3	0.3	0.3	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: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
55°	3.9	2.5	1.5	1.0	1.0	0.6	0.0
52.5°	4.7	2.9	1.8	1.0	1.0	0.6	0.0
50°	5.4	3.5	2.1	1.0	1.0	0.6	0.0
47.5°	6.2	4.1	2.3	1.0	1.0	0.7	0.0
45°	7.3	4.8	2.6	1.2	1.1	0.7	0.0
42.5°	8.5	5.4	2.8	1.4	1.1	0.7	0.0
40°	9.6	6.1	3.2	1.6	1.1	0.8	0.0
37.5°	10.8	6.7	3.7	1.8	1.1	0.8	0.0
35°	12.0	7.6	4.2	1.9	1.1	0.8	0.0
32.5°	13.2	8.5	4.6	2.1	1.2	0.8	0.0
30°	14.6	9.4	5.1	2.2	1.2	0.9	0.0
27.5°	16.0	10.3	5.4	2.3	1.2	0.9	0.0
25°	17.3	11.2	5.6	2.4	1.2	0.9	0.0
22.5°	18.7	11.9	5.8	2.4	1.3	0.9	0.0
20°	19.9	12.1	6.0	2.5	1.3	0.9	0.0
17.5°	20.6	12.3	6.1	2.5	1.3	1.0	0.0
15°	20.8	12.3	6.1	2.6	1.3	1.0	0.0
12.5°	21.0	12.3	6.1	2.6	1.4	1.0	0.0
10°	21.0	12.2	6.1	2.6	1.4	1.0	0.0
7.5°	21.0	12.0	6.0	2.6	1.4	1.0	0.0
5°	20.8	11.8	5.9	2.6	1.5	1.0	0.0
2.5°	20.6	11.5	5.8	2.5	1.5	1.0	0.0
0°	20.2	11.1	5.6	2.5	1.5	1.0	0.0
-2.5°	20.6	11.5	5.8	2.5	1.5	1.0	0.0
-5°	20.8	11.8	5.9	2.6	1.5	1.0	0.0
-7.5°	21.0	12.0	6.0	2.6	1.4	1.0	0.0
-10°	21.0	12.2	6.1	2.6	1.4	1.0	0.0
-12.5°	21.0	12.3	6.1	2.6	1.4	1.0	0.0
-15°	20.8	12.3	6.1	2.6	1.3	1.0	0.0
-17.5°	20.6	12.3	6.1	2.5	1.3	1.0	0.0
-20°	19.9	12.1	6.0	2.5	1.3	0.9	0.0



REPORT NUMBER: P558601 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.7	11.9	5.8	2.4	1.3	0.9	0.0
-25°	17.3	11.2	5.6	2.4	1.2	0.9	0.0
-27.5°	16.0	10.3	5.4	2.3	1.2	0.9	0.0
-30°	14.6	9.4	5.1	2.2	1.2	0.9	0.0
-32.5°	13.2	8.5	4.6	2.1	1.2	0.8	0.0
-35°	12.0	7.6	4.2	1.9	1.1	0.8	0.0
-37.5°	10.8	6.7	3.7	1.8	1.1	0.8	0.0
-40°	9.6	6.1	3.2	1.6	1.1	0.8	0.0
-42.5°	8.5	5.4	2.8	1.4	1.1	0.7	0.0
-45°	7.3	4.8	2.6	1.2	1.1	0.7	0.0
-47.5°	6.2	4.1	2.3	1.0	1.0	0.7	0.0
-50°	5.4	3.5	2.1	1.0	1.0	0.6	0.0
-52.5°	4.7	2.9	1.8	1.0	1.0	0.6	0.0
-55°	3.9	2.5	1.5	1.0	1.0	0.6	0.0
-57.5°	3.2	2.2	1.3	1.0	1.0	0.5	0.0
-60°	2.6	1.8	1.0	1.0	1.0	0.5	0.0
-62.5°	2.2	1.5	1.0	1.0	0.9	0.5	0.0
-65°	1.8	1.2	1.0	1.0	0.8	0.4	0.0
-67.5°	1.4	1.0	1.0	1.0	0.8	0.4	0.0
-70°	1.0	1.0	1.0	1.0	0.7	0.3	0.0
-72.5°	1.0	1.0	1.0	0.9	0.6	0.3	0.0
-75°	1.0	1.0	1.0	0.8	0.5	0.3	0.0
-77.5°	1.0	1.0	0.9	0.6	0.4	0.2	0.0
-80°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	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)