

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: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1D-935-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

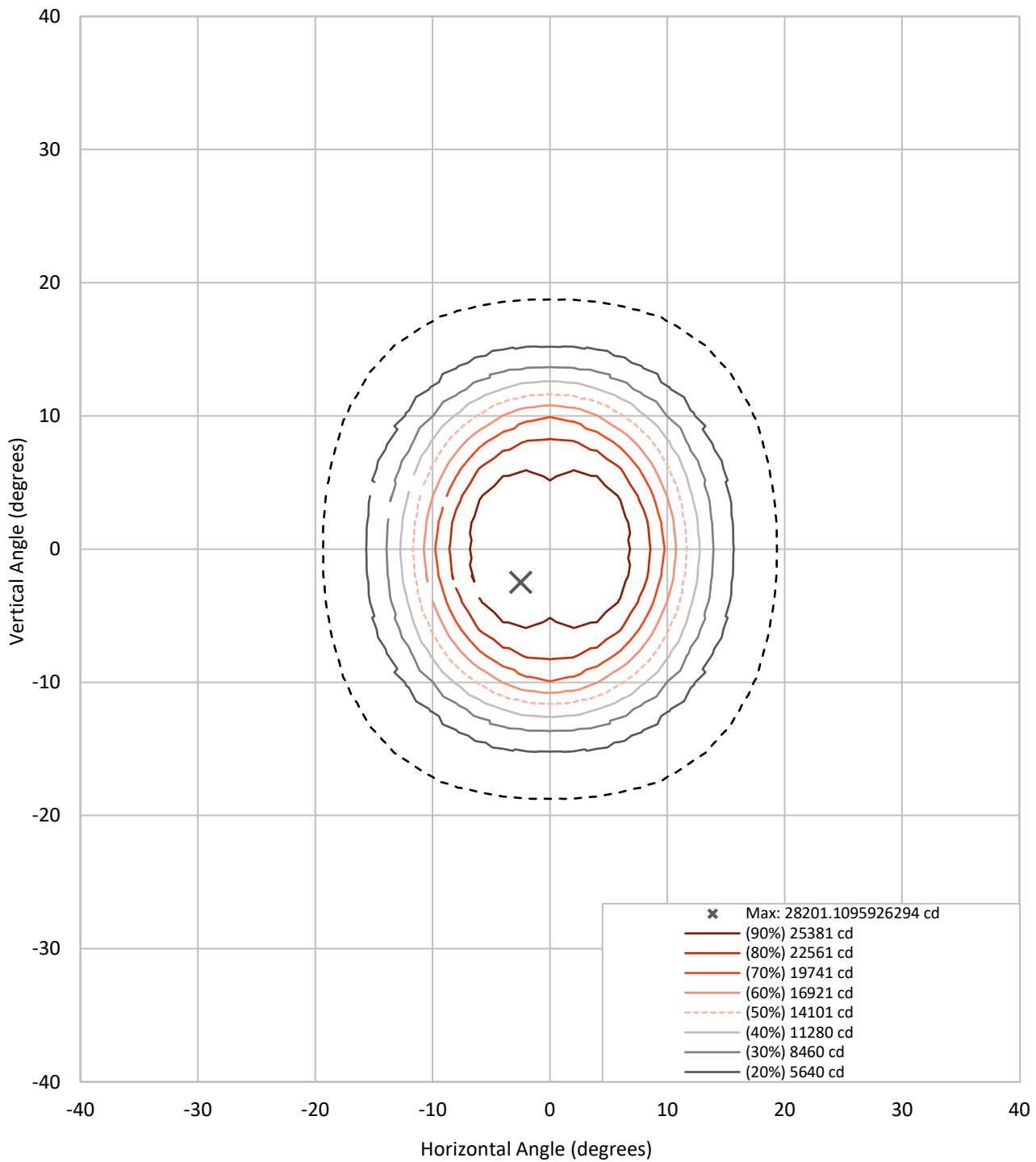
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5332.8 lumens	Max Intensity:	28201.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	97.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2879 lumens	Field Lumens:	4341.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





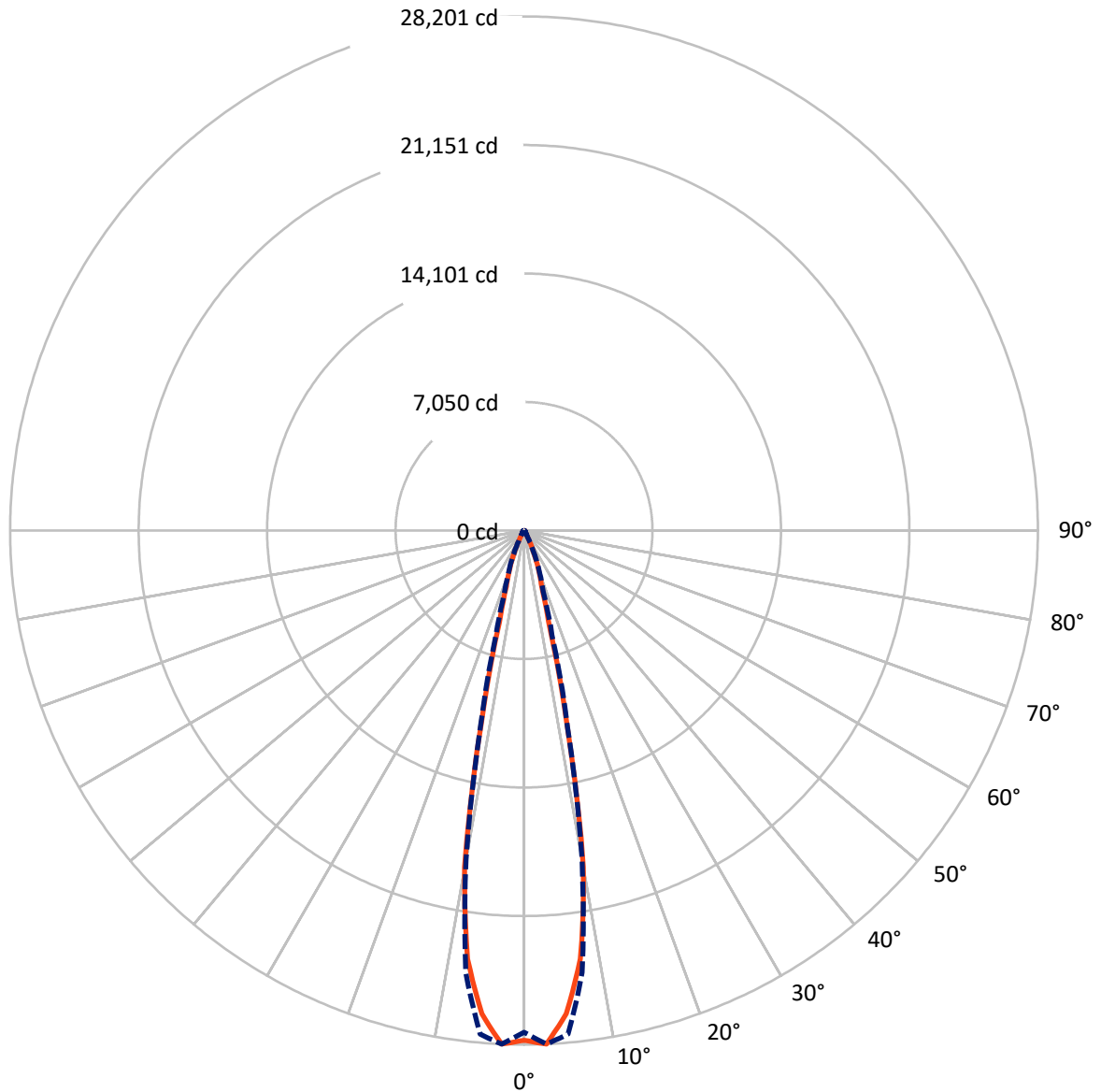
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### Lumen Table

90	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
80	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
70	0.3	0.3	0.6	0.9	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	0.9	0.6	0.3	0.3
60		0.4	0.8	1.3	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.3	0.8	0.4	
50	0.5	0.6	1.1	1.6	2.1	2.5	2.9	3.1	3.1	2.9	2.5	2.1	1.6	1.1	0.6	0.5
40		0.7	1.2	1.8	2.4	3.3	4.4	5.2	5.2	4.4	3.3	2.4	1.8	1.2	0.7	
30	0.6	0.7	1.3	2.0	3.0	5.4	16.4	31.9	31.9	16.4	5.4	3.0	2.0	1.3	0.7	0.6
20		0.8	1.4	2.1	3.8	16.2	74.7	192.0	192.0	74.7	16.2	3.8	2.1	1.4	0.8	
10	0.6	0.8	1.4	2.2	4.5	31.5	194.4	686.9	686.9	194.4	31.5	4.5	2.2	1.4	0.8	0.6
0		0.8	1.4	2.2	4.5	31.5	194.4	686.9	686.9	194.4	31.5	4.5	2.2	1.4	0.8	
-10	0.6	0.8	1.4	2.1	3.8	16.2	74.7	192.0	192.0	74.7	16.2	3.8	2.1	1.4	0.8	0.6
-20		0.7	1.3	2.0	3.0	5.4	16.4	31.9	31.9	16.4	5.4	3.0	2.0	1.3	0.7	
-30	0.5	0.7	1.2	1.8	2.4	3.3	4.4	5.2	5.2	4.4	3.3	2.4	1.8	1.2	0.7	0.5
-40		0.6	1.1	1.6	2.1	2.5	2.9	3.1	3.1	2.9	2.5	2.1	1.6	1.1	0.6	
-50	0.3	0.4	0.8	1.3	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.8	1.3	0.8	0.4	0.3
-60		0.3	0.6	0.9	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	0.9	0.6	0.3	
-70	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
-80		0.5		1.4		2.3		2.7		2.3		1.4		0.5		
-90	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1

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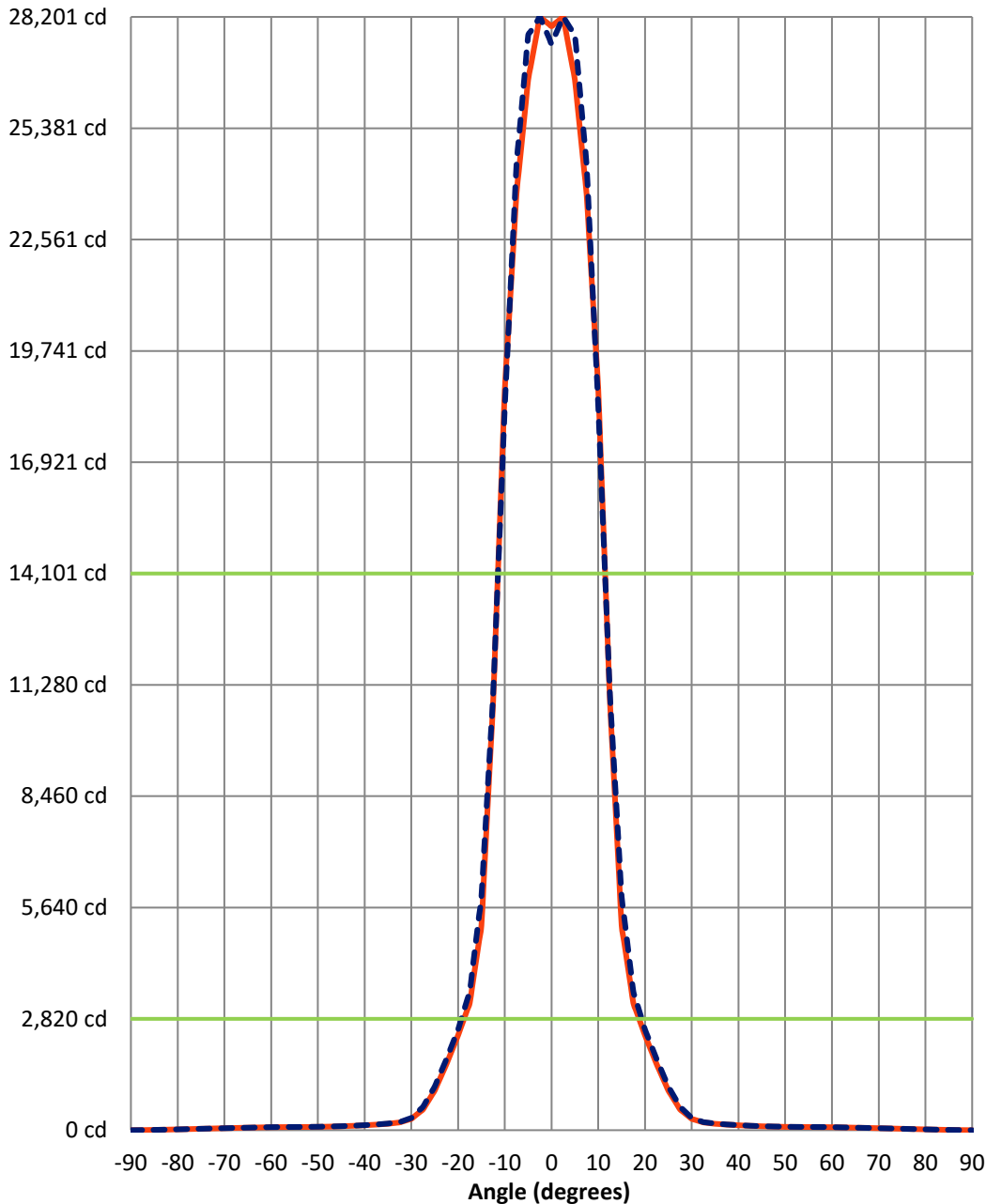
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 2879  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 4341.7  
Efficiency: 81.4%

**Spill:**  
Lumens: 991.1  
Efficiency: 18.6%

— Vertical Distribution through -2.5-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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.7	4.3
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.9	4.7	5.5	6.4
77.5°	0.0	0.6	1.3	1.9	2.6	3.3	4.3	5.3	6.3	7.4	8.5
75°	0.0	0.8	1.6	2.3	3.1	4.3	5.4	6.6	7.9	9.4	10.8
72.5°	0.0	0.9	1.8	2.7	3.9	5.3	6.6	8.0	9.8	11.5	13.1
70°	0.0	1.0	2.0	3.1	4.7	6.3	7.7	9.7	11.7	13.6	15.8
67.5°	0.0	1.1	2.3	3.7	5.5	7.2	9.2	11.4	13.6	16.1	18.6
65°	0.0	1.3	2.5	4.3	6.3	8.3	10.6	13.0	15.8	18.6	21.4
62.5°	0.0	1.4	2.8	4.9	7.0	9.4	12.0	14.8	17.9	21.0	24.2
60°	0.0	1.5	3.0	5.4	7.8	10.5	13.3	16.7	20.1	23.6	27.0
57.5°	0.0	1.6	3.4	6.0	8.6	11.6	14.9	18.5	22.2	26.0	29.8
55°	0.0	1.7	3.7	6.5	9.5	12.6	16.4	20.3	24.4	28.4	32.5
52.5°	0.0	1.8	4.1	7.1	10.3	13.7	17.9	22.1	26.5	30.8	35.1
50°	0.0	1.9	4.4	7.6	11.0	14.9	19.3	23.9	28.5	33.1	37.8
47.5°	0.0	2.0	4.8	8.1	11.8	16.0	20.7	25.7	30.5	35.3	40.4
45°	0.0	2.1	5.1	8.6	12.5	17.1	22.2	27.3	32.4	37.6	42.9
42.5°	0.0	2.2	5.4	9.1	13.2	18.2	23.6	29.0	34.3	39.8	45.1
40°	0.0	2.3	5.7	9.6	13.9	19.2	24.9	30.5	36.1	42.0	47.3
37.5°	0.0	2.4	5.9	10.1	14.7	20.2	26.2	32.0	37.9	43.9	49.2
35°	0.0	2.5	6.2	10.5	15.4	21.2	27.4	33.4	39.5	45.6	51.2
32.5°	0.0	2.5	6.4	10.9	16.1	22.1	28.6	34.7	41.1	47.1	53.0
30°	0.0	2.6	6.7	11.3	16.7	23.0	29.6	36.0	42.6	48.6	54.7
27.5°	0.0	2.7	6.9	11.6	17.3	23.9	30.6	37.2	43.8	50.0	56.2
25°	0.0	2.7	7.1	11.9	17.9	24.6	31.5	38.3	45.0	51.2	57.6
22.5°	0.0	2.8	7.2	12.2	18.4	25.4	32.4	39.2	46.0	52.3	58.7
20°	0.0	2.8	7.4	12.5	18.9	26.0	33.1	40.1	46.9	53.3	59.8
17.5°	0.0	2.9	7.5	12.7	19.3	26.6	33.8	40.9	47.7	54.2	60.7
15°	0.0	2.9	7.7	12.9	19.7	27.1	34.3	41.6	48.4	54.9	61.5
12.5°	0.0	2.9	7.8	13.1	20.0	27.5	34.8	42.1	49.0	55.4	62.1
10°	0.0	3.0	7.8	13.2	20.3	27.8	35.2	42.6	49.5	56.0	62.7
7.5°	0.0	3.0	7.9	13.4	20.5	28.1	35.5	42.9	49.9	56.5	63.0
5°	0.0	3.0	8.0	13.4	20.7	28.3	35.7	43.2	50.2	56.9	63.3
2.5°	0.0	3.0	8.0	13.5	20.8	28.4	35.9	43.3	50.3	57.2	63.4
0°	0.0	3.0	8.0	13.5	20.9	28.4	35.9	43.4	50.4	57.4	63.3
-2.5°	0.0	3.0	8.0	13.5	20.9	28.4	35.9	43.4	50.4	57.4	63.3
-5°	0.0	3.0	8.0	13.4	20.7	28.3	35.7	43.2	50.2	56.9	63.3
-7.5°	0.0	3.0	7.9	13.4	20.5	28.1	35.5	42.9	49.9	56.5	63.0
-10°	0.0	3.0	7.8	13.2	20.3	27.8	35.2	42.6	49.5	56.0	62.7
-12.5°	0.0	2.9	7.8	13.1	20.0	27.5	34.8	42.1	49.0	55.4	62.1
-15°	0.0	2.9	7.7	12.9	19.7	27.1	34.3	41.6	48.4	54.9	61.5
-17.5°	0.0	2.9	7.5	12.7	19.3	26.6	33.8	40.9	47.7	54.2	60.7
-20°	0.0	2.8	7.4	12.5	18.9	26.0	33.1	40.1	46.9	53.3	59.8



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 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.2	12.2	18.4	25.4	32.4	39.2	46.0	52.3	58.7
-25°	0.0	2.7	7.1	11.9	17.9	24.6	31.5	38.3	45.0	51.2	57.6
-27.5°	0.0	2.7	6.9	11.6	17.3	23.9	30.6	37.2	43.8	50.0	56.2
-30°	0.0	2.6	6.7	11.3	16.7	23.0	29.6	36.0	42.6	48.6	54.7
-32.5°	0.0	2.5	6.4	10.9	16.1	22.1	28.6	34.7	41.1	47.1	53.0
-35°	0.0	2.5	6.2	10.5	15.4	21.2	27.4	33.4	39.5	45.6	51.2
-37.5°	0.0	2.4	5.9	10.1	14.7	20.2	26.2	32.0	37.9	43.9	49.2
-40°	0.0	2.3	5.7	9.6	13.9	19.2	24.9	30.5	36.1	42.0	47.3
-42.5°	0.0	2.2	5.4	9.1	13.2	18.2	23.6	29.0	34.3	39.8	45.1
-45°	0.0	2.1	5.1	8.6	12.5	17.1	22.2	27.3	32.4	37.6	42.9
-47.5°	0.0	2.0	4.8	8.1	11.8	16.0	20.7	25.7	30.5	35.3	40.4
-50°	0.0	1.9	4.4	7.6	11.0	14.9	19.3	23.9	28.5	33.1	37.8
-52.5°	0.0	1.8	4.1	7.1	10.3	13.7	17.9	22.1	26.5	30.8	35.1
-55°	0.0	1.7	3.7	6.5	9.5	12.6	16.4	20.3	24.4	28.4	32.5
-57.5°	0.0	1.6	3.4	6.0	8.6	11.6	14.9	18.5	22.2	26.0	29.8
-60°	0.0	1.5	3.0	5.4	7.8	10.5	13.3	16.7	20.1	23.6	27.0
-62.5°	0.0	1.4	2.8	4.9	7.0	9.4	12.0	14.8	17.9	21.0	24.2
-65°	0.0	1.3	2.5	4.3	6.3	8.3	10.6	13.0	15.8	18.6	21.4
-67.5°	0.0	1.1	2.3	3.7	5.5	7.2	9.2	11.4	13.6	16.1	18.6
-70°	0.0	1.0	2.0	3.1	4.7	6.3	7.7	9.7	11.7	13.6	15.8
-72.5°	0.0	0.9	1.8	2.7	3.9	5.3	6.6	8.0	9.8	11.5	13.1
-75°	0.0	0.8	1.6	2.3	3.1	4.3	5.4	6.6	7.9	9.4	10.8
-77.5°	0.0	0.6	1.3	1.9	2.6	3.3	4.3	5.3	6.3	7.4	8.5
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.9	4.7	5.5	6.4
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.7	4.3
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.3	3.7	3.9	4.2	4.4	4.7	5.0	5.3	5.6
82.5°	4.9	5.4	5.8	6.2	6.6	6.9	7.3	7.8	8.4	9.0	9.5
80°	7.1	7.7	8.5	9.2	10.0	10.8	11.6	12.3	13.0	13.7	14.4
77.5°	9.6	10.6	11.6	12.6	13.7	14.9	16.0	17.1	18.2	19.2	20.2
75°	12.1	13.4	14.9	16.4	17.9	19.3	20.7	22.1	23.5	24.7	26.0
72.5°	14.8	16.7	18.5	20.3	22.2	24.0	25.7	27.3	28.9	30.6	32.2
70°	17.9	20.1	22.3	24.6	26.8	28.9	30.9	33.0	35.0	36.8	38.3
67.5°	21.0	23.6	26.2	28.8	31.3	33.7	36.1	38.4	40.6	42.4	44.2
65°	24.2	27.1	30.0	32.9	35.6	38.4	41.1	43.6	45.9	48.0	49.9
62.5°	27.3	30.6	33.7	36.9	40.1	43.2	45.9	48.6	51.1	53.3	55.5
60°	30.4	33.9	37.4	40.9	44.4	47.6	50.6	53.4	56.0	58.5	60.6
57.5°	33.5	37.2	41.0	44.8	48.5	52.0	55.0	57.9	60.5	63.0	65.3
55°	36.5	40.4	44.5	48.5	52.3	55.9	59.2	62.1	64.8	67.1	69.3
52.5°	39.4	43.6	47.9	52.0	55.9	59.6	63.0	65.9	68.5	70.8	72.8
50°	42.3	46.7	51.1	55.3	59.3	63.0	66.4	69.3	71.7	73.9	75.7
47.5°	45.1	49.6	54.0	58.4	62.4	66.1	69.5	72.2	74.6	76.5	78.2
45°	47.7	52.4	57.0	61.2	65.3	69.0	72.1	74.8	77.0	79.0	80.7
42.5°	50.1	55.1	59.7	63.9	68.0	71.5	74.6	77.1	79.3	81.3	83.2
40°	52.5	57.7	62.3	66.4	70.4	73.8	76.7	79.2	81.4	83.6	85.7
37.5°	54.8	60.0	64.8	69.0	72.6	75.9	78.7	81.2	83.7	86.1	88.9
35°	57.0	62.3	67.1	71.3	74.8	77.6	80.5	83.3	86.1	89.2	92.4
32.5°	59.0	64.4	69.3	73.2	76.4	79.3	82.3	85.6	89.1	92.5	96.5
30°	60.8	66.4	71.3	75.0	78.0	80.9	84.4	88.2	92.2	96.1	100.8
27.5°	62.4	68.2	72.9	76.4	79.3	82.1	86.0	90.9	95.3	99.5	104.5
25°	63.8	69.7	74.2	77.5	80.3	83.3	87.4	92.4	97.9	102.5	109.6
22.5°	65.1	71.1	75.5	78.6	81.1	84.3	88.4	93.4	99.1	104.8	114.7
20°	66.2	72.1	76.6	79.5	81.7	85.1	89.0	94.2	100.4	108.7	119.6
17.5°	67.1	73.1	77.4	80.1	82.4	85.6	89.2	94.6	101.8	112.2	124.2
15°	67.9	74.0	78.1	80.6	83.0	86.1	90.1	95.6	104.0	115.5	128.4
12.5°	68.6	75.0	78.7	81.0	83.4	86.5	91.0	97.3	106.5	118.7	133.0
10°	69.1	75.8	79.2	81.3	83.6	86.8	91.7	98.6	108.7	121.7	137.1
7.5°	69.6	76.5	79.5	81.5	83.6	86.9	92.3	99.6	110.2	124.2	140.6
5°	70.0	76.9	79.8	81.7	83.6	87.0	92.8	100.2	111.2	126.1	143.2
2.5°	70.2	77.2	80.1	81.8	83.5	86.9	93.2	101.1	112.4	127.5	144.7
0°	70.3	77.3	80.3	81.8	83.3	86.8	93.3	101.8	113.2	128.2	145.2
-2.5°	70.2	77.2	80.1	81.8	83.5	86.9	93.2	101.1	112.4	127.5	144.7
-5°	70.0	76.9	79.8	81.7	83.6	87.0	92.8	100.2	111.2	126.1	143.2
-7.5°	69.6	76.5	79.5	81.5	83.6	86.9	92.3	99.6	110.2	124.2	140.6
-10°	69.1	75.8	79.2	81.3	83.6	86.8	91.7	98.6	108.7	121.7	137.1
-12.5°	68.6	75.0	78.7	81.0	83.4	86.5	91.0	97.3	106.5	118.7	133.0
-15°	67.9	74.0	78.1	80.6	83.0	86.1	90.1	95.6	104.0	115.5	128.4
-17.5°	67.1	73.1	77.4	80.1	82.4	85.6	89.2	94.6	101.8	112.2	124.2
-20°	66.2	72.1	76.6	79.5	81.7	85.1	89.0	94.2	100.4	108.7	119.6



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	65.1	71.1	75.5	78.6	81.1	84.3	88.4	93.4	99.1	104.8	114.7
-25°	63.8	69.7	74.2	77.5	80.3	83.3	87.4	92.4	97.9	102.5	109.6
-27.5°	62.4	68.2	72.9	76.4	79.3	82.1	86.0	90.9	95.3	99.5	104.5
-30°	60.8	66.4	71.3	75.0	78.0	80.9	84.4	88.2	92.2	96.1	100.8
-32.5°	59.0	64.4	69.3	73.2	76.4	79.3	82.3	85.6	89.1	92.5	96.5
-35°	57.0	62.3	67.1	71.3	74.8	77.6	80.5	83.3	86.1	89.2	92.4
-37.5°	54.8	60.0	64.8	69.0	72.6	75.9	78.7	81.2	83.7	86.1	88.9
-40°	52.5	57.7	62.3	66.4	70.4	73.8	76.7	79.2	81.4	83.6	85.7
-42.5°	50.1	55.1	59.7	63.9	68.0	71.5	74.6	77.1	79.3	81.3	83.2
-45°	47.7	52.4	57.0	61.2	65.3	69.0	72.1	74.8	77.0	79.0	80.7
-47.5°	45.1	49.6	54.0	58.4	62.4	66.1	69.5	72.2	74.6	76.5	78.2
-50°	42.3	46.7	51.1	55.3	59.3	63.0	66.4	69.3	71.7	73.9	75.7
-52.5°	39.4	43.6	47.9	52.0	55.9	59.6	63.0	65.9	68.5	70.8	72.8
-55°	36.5	40.4	44.5	48.5	52.3	55.9	59.2	62.1	64.8	67.1	69.3
-57.5°	33.5	37.2	41.0	44.8	48.5	52.0	55.0	57.9	60.5	63.0	65.3
-60°	30.4	33.9	37.4	40.9	44.4	47.6	50.6	53.4	56.0	58.5	60.6
-62.5°	27.3	30.6	33.7	36.9	40.1	43.2	45.9	48.6	51.1	53.3	55.5
-65°	24.2	27.1	30.0	32.9	35.6	38.4	41.1	43.6	45.9	48.0	49.9
-67.5°	21.0	23.6	26.2	28.8	31.3	33.7	36.1	38.4	40.6	42.4	44.2
-70°	17.9	20.1	22.3	24.6	26.8	28.9	30.9	33.0	35.0	36.8	38.3
-72.5°	14.8	16.7	18.5	20.3	22.2	24.0	25.7	27.3	28.9	30.6	32.2
-75°	12.1	13.4	14.9	16.4	17.9	19.3	20.7	22.1	23.5	24.7	26.0
-77.5°	9.6	10.6	11.6	12.6	13.7	14.9	16.0	17.1	18.2	19.2	20.2
-80°	7.1	7.7	8.5	9.2	10.0	10.8	11.6	12.3	13.0	13.7	14.4
-82.5°	4.9	5.4	5.8	6.2	6.6	6.9	7.3	7.8	8.4	9.0	9.5
-85°	2.8	3.0	3.3	3.7	3.9	4.2	4.4	4.7	5.0	5.3	5.6
-87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-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: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-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°	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.7	2.9	2.9	3.0
85°	5.9	6.1	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.6
82.5°	10.0	10.4	10.8	11.1	11.4	11.8	12.2	12.5	12.9	13.1	13.2
80°	15.0	15.7	16.3	16.9	17.4	18.0	18.5	19.1	19.5	19.8	20.1
77.5°	21.1	22.0	22.7	23.5	24.2	24.8	25.4	25.9	26.2	26.7	27.1
75°	27.1	28.2	29.3	30.3	31.1	31.9	32.5	33.2	33.7	34.3	34.7
72.5°	33.6	34.9	36.0	37.1	38.0	39.0	39.9	40.7	41.4	42.0	42.5
70°	39.8	41.2	42.6	43.9	45.1	46.2	47.1	48.0	48.8	49.4	50.0
67.5°	45.8	47.4	49.0	50.4	51.7	52.9	54.0	55.0	55.9	56.7	57.1
65°	51.8	53.5	55.2	56.7	58.1	59.2	60.5	61.5	62.5	63.1	63.6
62.5°	57.6	59.5	61.1	62.6	64.1	65.4	66.4	67.4	68.3	69.1	69.5
60°	62.7	64.7	66.2	67.7	69.1	70.3	71.4	72.4	73.4	74.2	74.9
57.5°	67.2	69.1	70.7	72.0	73.3	74.4	75.4	76.3	76.9	77.5	77.9
55°	71.2	72.9	74.4	75.7	76.8	77.7	78.4	79.0	79.5	79.9	80.1
52.5°	74.6	76.2	77.7	78.9	79.8	80.5	81.2	81.9	82.3	82.4	82.3
50°	77.4	79.0	80.3	81.5	82.6	83.9	85.2	85.8	86.1	85.9	85.7
47.5°	79.9	81.5	82.9	84.3	86.0	88.1	90.2	91.2	91.2	90.7	90.5
45°	82.4	84.1	85.8	88.0	90.2	93.0	95.5	97.0	97.1	97.1	97.5
42.5°	84.9	87.0	89.4	92.4	95.4	98.4	101.1	103.0	104.5	106.2	107.7
40°	88.1	90.5	94.0	97.6	101.5	104.7	108.9	112.4	115.3	117.9	119.9
37.5°	91.8	95.2	99.7	104.3	109.3	114.4	119.2	123.7	127.6	131.9	135.2
35°	96.2	101.0	106.5	112.3	118.6	125.1	131.2	138.4	144.6	150.3	154.9
32.5°	101.4	107.2	113.9	121.7	129.5	138.0	146.9	156.1	165.0	174.2	183.4
30°	106.6	114.3	122.9	132.3	141.5	152.6	164.2	179.2	195.0	212.9	240.5
27.5°	112.9	122.2	132.1	142.9	155.6	169.8	192.2	219.9	267.3	302.8	397.9
25°	119.1	129.7	142.5	156.5	173.5	199.5	252.9	314.6	452.0	580.7	729.4
22.5°	125.4	138.5	153.9	171.0	200.6	267.5	369.2	555.2	767.6	992.9	1222.5
20°	131.8	147.2	166.5	195.0	257.0	371.5	599.6	898.6	1200.3	1568.9	1887.6
17.5°	138.9	158.1	183.2	226.2	328.2	573.5	910.9	1325.9	1792.8	2266.6	2664.5
15°	144.8	167.3	200.9	284.9	477.5	803.0	1244.5	1807.0	2443.7	3042.7	3553.6
12.5°	151.4	177.5	221.7	332.6	615.2	1043.2	1625.1	2317.2	3081.0	3901.8	5201.4
10°	157.4	187.7	256.6	431.5	774.1	1285.9	1965.9	2745.8	3672.0	5315.5	8387.6
7.5°	162.4	195.8	282.8	505.2	917.8	1514.9	2243.7	3112.2	4504.8	7265.8	12435.4
5°	165.9	201.2	301.0	560.5	1032.3	1683.9	2421.4	3353.5	5354.3	9649.9	15874.6
2.5°	168.3	204.1	310.7	592.7	1104.8	1795.7	2547.2	3515.9	5924.8	11028.8	18321.9
0°	170.1	205.0	312.8	620.5	1129.3	1833.6	2553.4	3559.5	6120.3	11567.3	19194.0
-2.5°	168.3	204.1	310.7	592.7	1104.8	1795.7	2547.2	3515.9	5924.8	11028.8	18321.9
-5°	165.9	201.2	301.0	560.5	1032.3	1683.9	2421.4	3353.5	5354.3	9649.9	15874.6
-7.5°	162.4	195.8	282.8	505.2	917.8	1514.9	2243.7	3112.2	4504.8	7265.8	12435.4
-10°	157.4	187.7	256.6	431.5	774.1	1285.9	1965.9	2745.8	3672.0	5315.5	8387.6
-12.5°	151.4	177.5	221.7	332.6	615.2	1043.2	1625.1	2317.2	3081.0	3901.8	5201.4
-15°	144.8	167.3	200.9	284.9	477.5	803.0	1244.5	1807.0	2443.7	3042.7	3553.6
-17.5°	138.9	158.1	183.2	226.2	328.2	573.5	910.9	1325.9	1792.8	2266.6	2664.5
-20°	131.8	147.2	166.5	195.0	257.0	371.5	599.6	898.6	1200.3	1568.9	1887.6



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	125.4	138.5	153.9	171.0	200.6	267.5	369.2	555.2	767.6	992.9	1222.5
-25°	119.1	129.7	142.5	156.5	173.5	199.5	252.9	314.6	452.0	580.7	729.4
-27.5°	112.9	122.2	132.1	142.9	155.6	169.8	192.2	219.9	267.3	302.8	397.9
-30°	106.6	114.3	122.9	132.3	141.5	152.6	164.2	179.2	195.0	212.9	240.5
-32.5°	101.4	107.2	113.9	121.7	129.5	138.0	146.9	156.1	165.0	174.2	183.4
-35°	96.2	101.0	106.5	112.3	118.6	125.1	131.2	138.4	144.6	150.3	154.9
-37.5°	91.8	95.2	99.7	104.3	109.3	114.4	119.2	123.7	127.6	131.9	135.2
-40°	88.1	90.5	94.0	97.6	101.5	104.7	108.9	112.4	115.3	117.9	119.9
-42.5°	84.9	87.0	89.4	92.4	95.4	98.4	101.1	103.0	104.5	106.2	107.7
-45°	82.4	84.1	85.8	88.0	90.2	93.0	95.5	97.0	97.1	97.1	97.5
-47.5°	79.9	81.5	82.9	84.3	86.0	88.1	90.2	91.2	91.2	90.7	90.5
-50°	77.4	79.0	80.3	81.5	82.6	83.9	85.2	85.8	86.1	85.9	85.7
-52.5°	74.6	76.2	77.7	78.9	79.8	80.5	81.2	81.9	82.3	82.4	82.3
-55°	71.2	72.9	74.4	75.7	76.8	77.7	78.4	79.0	79.5	79.9	80.1
-57.5°	67.2	69.1	70.7	72.0	73.3	74.4	75.4	76.3	76.9	77.5	77.9
-60°	62.7	64.7	66.2	67.7	69.1	70.3	71.4	72.4	73.4	74.2	74.9
-62.5°	57.6	59.5	61.1	62.6	64.1	65.4	66.4	67.4	68.3	69.1	69.5
-65°	51.8	53.5	55.2	56.7	58.1	59.2	60.5	61.5	62.5	63.1	63.6
-67.5°	45.8	47.4	49.0	50.4	51.7	52.9	54.0	55.0	55.9	56.7	57.1
-70°	39.8	41.2	42.6	43.9	45.1	46.2	47.1	48.0	48.8	49.4	50.0
-72.5°	33.6	34.9	36.0	37.1	38.0	39.0	39.9	40.7	41.4	42.0	42.5
-75°	27.1	28.2	29.3	30.3	31.1	31.9	32.5	33.2	33.7	34.3	34.7
-77.5°	21.1	22.0	22.7	23.5	24.2	24.8	25.4	25.9	26.2	26.7	27.1
-80°	15.0	15.7	16.3	16.9	17.4	18.0	18.5	19.1	19.5	19.8	20.1
-82.5°	10.0	10.4	10.8	11.1	11.4	11.8	12.2	12.5	12.9	13.1	13.2
-85°	5.9	6.1	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.6
-87.5°	2.5	2.4	2.4	2.3	2.3	2.4	2.6	2.7	2.9	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.7
85°	7.8	8.0	7.7	7.5	7.7	8.0	7.8	7.6	7.4	7.2	7.1
82.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.2	13.1	12.9	12.5
80°	20.3	20.4	20.7	20.9	20.7	20.4	20.3	20.1	19.8	19.5	19.1
77.5°	27.5	27.8	27.9	27.9	27.9	27.8	27.5	27.1	26.7	26.2	25.9
75°	35.0	35.2	35.8	36.4	35.8	35.2	35.0	34.7	34.3	33.7	33.2
72.5°	42.9	43.2	43.6	43.9	43.6	43.2	42.9	42.5	42.0	41.4	40.7
70°	50.4	50.7	50.8	50.9	50.8	50.7	50.4	50.0	49.4	48.8	48.0
67.5°	57.5	57.7	57.6	57.4	57.6	57.7	57.5	57.1	56.7	55.9	55.0
65°	63.9	64.1	64.0	63.8	64.0	64.1	63.9	63.6	63.1	62.5	61.5
62.5°	69.9	70.1	70.2	70.3	70.2	70.1	69.9	69.5	69.1	68.3	67.4
60°	75.5	76.0	76.2	76.3	76.2	76.0	75.5	74.9	74.2	73.4	72.4
57.5°	78.3	78.6	78.8	78.8	78.8	78.6	78.3	77.9	77.5	76.9	76.3
55°	80.2	80.3	80.1	79.8	80.1	80.3	80.2	80.1	79.9	79.5	79.0
52.5°	82.2	81.9	81.8	81.8	81.8	81.9	82.2	82.3	82.4	82.3	81.9
50°	85.4	84.9	84.7	84.8	84.7	84.9	85.4	85.7	85.9	86.1	85.8
47.5°	90.8	91.0	91.2	91.3	91.2	91.0	90.8	90.5	90.7	91.2	91.2
45°	98.5	99.2	99.6	99.8	99.6	99.2	98.5	97.5	97.1	97.1	97.0
42.5°	109.2	110.0	110.3	110.2	110.3	110.0	109.2	107.7	106.2	104.5	103.0
40°	122.1	123.7	124.7	124.7	124.7	123.7	122.1	119.9	117.9	115.3	112.4
37.5°	138.2	140.4	141.5	141.2	141.5	140.4	138.2	135.2	131.9	127.6	123.7
35°	158.4	160.6	161.5	162.6	161.5	160.6	158.4	154.9	150.3	144.6	138.4
32.5°	190.7	195.2	197.0	194.5	197.0	195.2	190.7	183.4	174.2	165.0	156.1
30°	259.2	275.8	286.8	292.3	286.8	275.8	259.2	240.5	212.9	195.0	179.2
27.5°	463.4	506.8	525.1	535.2	525.1	506.8	463.4	397.9	302.8	267.3	219.9
25°	856.7	949.2	1002.4	998.1	1002.4	949.2	856.7	729.4	580.7	452.0	314.6
22.5°	1435.8	1581.7	1669.2	1701.4	1669.2	1581.7	1435.8	1222.5	992.9	767.6	555.2
20°	2153.7	2317.3	2402.9	2415.7	2402.9	2317.3	2153.7	1887.6	1568.9	1200.3	898.6
17.5°	2977.6	3132.7	3222.9	3221.8	3222.9	3132.7	2977.6	2664.5	2266.6	1792.8	1325.9
15°	4249.6	4850.1	5188.6	5139.2	5188.6	4850.1	4249.6	3553.6	3042.7	2443.7	1807.0
12.5°	6963.2	9361.6	10849.3	11216.6	10849.3	9361.6	6963.2	5201.4	3901.8	3081.0	2317.2
10°	12304.9	15893.0	18758.5	19586.6	18758.5	15893.0	12304.9	8387.6	5315.5	3672.0	2745.8
7.5°	17699.9	21958.3	23710.9	23914.5	23710.9	21958.3	17699.9	12435.4	7265.8	4504.8	3112.2
5°	21772.0	26105.1	26606.6	25346.8	26606.6	26105.1	21772.0	15874.6	9649.9	5354.3	3353.5
2.5°	24459.9	27733.6	28201.1	27523.1	28201.1	27733.6	24459.9	18321.9	11028.8	5924.8	3515.9
0°	25072.9	27300.6	27964.7	28037.3	27964.7	27300.6	25072.9	19194.0	11567.3	6120.3	3559.5
-2.5°	24459.9	27733.6	28201.1	27523.1	28201.1	27733.6	24459.9	18321.9	11028.8	5924.8	3515.9
-5°	21772.0	26105.1	26606.6	25346.8	26606.6	26105.1	21772.0	15874.6	9649.9	5354.3	3353.5
-7.5°	17699.9	21958.3	23710.9	23914.5	23710.9	21958.3	17699.9	12435.4	7265.8	4504.8	3112.2
-10°	12304.9	15893.0	18758.5	19586.6	18758.5	15893.0	12304.9	8387.6	5315.5	3672.0	2745.8
-12.5°	6963.2	9361.6	10849.3	11216.6	10849.3	9361.6	6963.2	5201.4	3901.8	3081.0	2317.2
-15°	4249.6	4850.1	5188.6	5139.2	5188.6	4850.1	4249.6	3553.6	3042.7	2443.7	1807.0
-17.5°	2977.6	3132.7	3222.9	3221.8	3222.9	3132.7	2977.6	2664.5	2266.6	1792.8	1325.9
-20°	2153.7	2317.3	2402.9	2415.7	2402.9	2317.3	2153.7	1887.6	1568.9	1200.3	898.6



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1435.8	1581.7	1669.2	1701.4	1669.2	1581.7	1435.8	1222.5	992.9	767.6	555.2
-25°	856.7	949.2	1002.4	998.1	1002.4	949.2	856.7	729.4	580.7	452.0	314.6
-27.5°	463.4	506.8	525.1	535.2	525.1	506.8	463.4	397.9	302.8	267.3	219.9
-30°	259.2	275.8	286.8	292.3	286.8	275.8	259.2	240.5	212.9	195.0	179.2
-32.5°	190.7	195.2	197.0	194.5	197.0	195.2	190.7	183.4	174.2	165.0	156.1
-35°	158.4	160.6	161.5	162.6	161.5	160.6	158.4	154.9	150.3	144.6	138.4
-37.5°	138.2	140.4	141.5	141.2	141.5	140.4	138.2	135.2	131.9	127.6	123.7
-40°	122.1	123.7	124.7	124.7	124.7	123.7	122.1	119.9	117.9	115.3	112.4
-42.5°	109.2	110.0	110.3	110.2	110.3	110.0	109.2	107.7	106.2	104.5	103.0
-45°	98.5	99.2	99.6	99.8	99.6	99.2	98.5	97.5	97.1	97.1	97.0
-47.5°	90.8	91.0	91.2	91.3	91.2	91.0	90.8	90.5	90.7	91.2	91.2
-50°	85.4	84.9	84.7	84.8	84.7	84.9	85.4	85.7	85.9	86.1	85.8
-52.5°	82.2	81.9	81.8	81.8	81.8	81.9	82.2	82.3	82.4	82.3	81.9
-55°	80.2	80.3	80.1	79.8	80.1	80.3	80.2	80.1	79.9	79.5	79.0
-57.5°	78.3	78.6	78.8	78.8	78.8	78.6	78.3	77.9	77.5	76.9	76.3
-60°	75.5	76.0	76.2	76.3	76.2	76.0	75.5	74.9	74.2	73.4	72.4
-62.5°	69.9	70.1	70.2	70.3	70.2	70.1	69.9	69.5	69.1	68.3	67.4
-65°	63.9	64.1	64.0	63.8	64.0	64.1	63.9	63.6	63.1	62.5	61.5
-67.5°	57.5	57.7	57.6	57.4	57.6	57.7	57.5	57.1	56.7	55.9	55.0
-70°	50.4	50.7	50.8	50.9	50.8	50.7	50.4	50.0	49.4	48.8	48.0
-72.5°	42.9	43.2	43.6	43.9	43.6	43.2	42.9	42.5	42.0	41.4	40.7
-75°	35.0	35.2	35.8	36.4	35.8	35.2	35.0	34.7	34.3	33.7	33.2
-77.5°	27.5	27.8	27.9	27.9	27.9	27.8	27.5	27.1	26.7	26.2	25.9
-80°	20.3	20.4	20.7	20.9	20.7	20.4	20.3	20.1	19.8	19.5	19.1
-82.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.2	13.1	12.9	12.5
-85°	7.8	8.0	7.7	7.5	7.7	8.0	7.8	7.6	7.4	7.2	7.1
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.7
-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: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.6	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
85°	6.9	6.8	6.6	6.4	6.2	6.1	5.9	5.6	5.3	5.0	4.7
82.5°	12.2	11.8	11.4	11.1	10.8	10.4	10.0	9.5	9.0	8.4	7.8
80°	18.5	18.0	17.4	16.9	16.3	15.7	15.0	14.4	13.7	13.0	12.3
77.5°	25.4	24.8	24.2	23.5	22.7	22.0	21.1	20.2	19.2	18.2	17.1
75°	32.5	31.9	31.1	30.3	29.3	28.2	27.1	26.0	24.7	23.5	22.1
72.5°	39.9	39.0	38.0	37.1	36.0	34.9	33.6	32.2	30.6	28.9	27.3
70°	47.1	46.2	45.1	43.9	42.6	41.2	39.8	38.3	36.8	35.0	33.0
67.5°	54.0	52.9	51.7	50.4	49.0	47.4	45.8	44.2	42.4	40.6	38.4
65°	60.5	59.2	58.1	56.7	55.2	53.5	51.8	49.9	48.0	45.9	43.6
62.5°	66.4	65.4	64.1	62.6	61.1	59.5	57.6	55.5	53.3	51.1	48.6
60°	71.4	70.3	69.1	67.7	66.2	64.7	62.7	60.6	58.5	56.0	53.4
57.5°	75.4	74.4	73.3	72.0	70.7	69.1	67.2	65.3	63.0	60.5	57.9
55°	78.4	77.7	76.8	75.7	74.4	72.9	71.2	69.3	67.1	64.8	62.1
52.5°	81.2	80.5	79.8	78.9	77.7	76.2	74.6	72.8	70.8	68.5	65.9
50°	85.2	83.9	82.6	81.5	80.3	79.0	77.4	75.7	73.9	71.7	69.3
47.5°	90.2	88.1	86.0	84.3	82.9	81.5	79.9	78.2	76.5	74.6	72.2
45°	95.5	93.0	90.2	88.0	85.8	84.1	82.4	80.7	79.0	77.0	74.8
42.5°	101.1	98.4	95.4	92.4	89.4	87.0	84.9	83.2	81.3	79.3	77.1
40°	108.9	104.7	101.5	97.6	94.0	90.5	88.1	85.7	83.6	81.4	79.2
37.5°	119.2	114.4	109.3	104.3	99.7	95.2	91.8	88.9	86.1	83.7	81.2
35°	131.2	125.1	118.6	112.3	106.5	101.0	96.2	92.4	89.2	86.1	83.3
32.5°	146.9	138.0	129.5	121.7	113.9	107.2	101.4	96.5	92.5	89.1	85.6
30°	164.2	152.6	141.5	132.3	122.9	114.3	106.6	100.8	96.1	92.2	88.2
27.5°	192.2	169.8	155.6	142.9	132.1	122.2	112.9	104.5	99.5	95.3	90.9
25°	252.9	199.5	173.5	156.5	142.5	129.7	119.1	109.6	102.5	97.9	92.4
22.5°	369.2	267.5	200.6	171.0	153.9	138.5	125.4	114.7	104.8	99.1	93.4
20°	599.6	371.5	257.0	195.0	166.5	147.2	131.8	119.6	108.7	100.4	94.2
17.5°	910.9	573.5	328.2	226.2	183.2	158.1	138.9	124.2	112.2	101.8	94.6
15°	1244.5	803.0	477.5	284.9	200.9	167.3	144.8	128.4	115.5	104.0	95.6
12.5°	1625.1	1043.2	615.2	332.6	221.7	177.5	151.4	133.0	118.7	106.5	97.3
10°	1965.9	1285.9	774.1	431.5	256.6	187.7	157.4	137.1	121.7	108.7	98.6
7.5°	2243.7	1514.9	917.8	505.2	282.8	195.8	162.4	140.6	124.2	110.2	99.6
5°	2421.4	1683.9	1032.3	560.5	301.0	201.2	165.9	143.2	126.1	111.2	100.2
2.5°	2547.2	1795.7	1104.8	592.7	310.7	204.1	168.3	144.7	127.5	112.4	101.1
0°	2553.4	1833.6	1129.3	620.5	312.8	205.0	170.1	145.2	128.2	113.2	101.8
-2.5°	2547.2	1795.7	1104.8	592.7	310.7	204.1	168.3	144.7	127.5	112.4	101.1
-5°	2421.4	1683.9	1032.3	560.5	301.0	201.2	165.9	143.2	126.1	111.2	100.2
-7.5°	2243.7	1514.9	917.8	505.2	282.8	195.8	162.4	140.6	124.2	110.2	99.6
-10°	1965.9	1285.9	774.1	431.5	256.6	187.7	157.4	137.1	121.7	108.7	98.6
-12.5°	1625.1	1043.2	615.2	332.6	221.7	177.5	151.4	133.0	118.7	106.5	97.3
-15°	1244.5	803.0	477.5	284.9	200.9	167.3	144.8	128.4	115.5	104.0	95.6
-17.5°	910.9	573.5	328.2	226.2	183.2	158.1	138.9	124.2	112.2	101.8	94.6
-20°	599.6	371.5	257.0	195.0	166.5	147.2	131.8	119.6	108.7	100.4	94.2



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	369.2	267.5	200.6	171.0	153.9	138.5	125.4	114.7	104.8	99.1	93.4
-25°	252.9	199.5	173.5	156.5	142.5	129.7	119.1	109.6	102.5	97.9	92.4
-27.5°	192.2	169.8	155.6	142.9	132.1	122.2	112.9	104.5	99.5	95.3	90.9
-30°	164.2	152.6	141.5	132.3	122.9	114.3	106.6	100.8	96.1	92.2	88.2
-32.5°	146.9	138.0	129.5	121.7	113.9	107.2	101.4	96.5	92.5	89.1	85.6
-35°	131.2	125.1	118.6	112.3	106.5	101.0	96.2	92.4	89.2	86.1	83.3
-37.5°	119.2	114.4	109.3	104.3	99.7	95.2	91.8	88.9	86.1	83.7	81.2
-40°	108.9	104.7	101.5	97.6	94.0	90.5	88.1	85.7	83.6	81.4	79.2
-42.5°	101.1	98.4	95.4	92.4	89.4	87.0	84.9	83.2	81.3	79.3	77.1
-45°	95.5	93.0	90.2	88.0	85.8	84.1	82.4	80.7	79.0	77.0	74.8
-47.5°	90.2	88.1	86.0	84.3	82.9	81.5	79.9	78.2	76.5	74.6	72.2
-50°	85.2	83.9	82.6	81.5	80.3	79.0	77.4	75.7	73.9	71.7	69.3
-52.5°	81.2	80.5	79.8	78.9	77.7	76.2	74.6	72.8	70.8	68.5	65.9
-55°	78.4	77.7	76.8	75.7	74.4	72.9	71.2	69.3	67.1	64.8	62.1
-57.5°	75.4	74.4	73.3	72.0	70.7	69.1	67.2	65.3	63.0	60.5	57.9
-60°	71.4	70.3	69.1	67.7	66.2	64.7	62.7	60.6	58.5	56.0	53.4
-62.5°	66.4	65.4	64.1	62.6	61.1	59.5	57.6	55.5	53.3	51.1	48.6
-65°	60.5	59.2	58.1	56.7	55.2	53.5	51.8	49.9	48.0	45.9	43.6
-67.5°	54.0	52.9	51.7	50.4	49.0	47.4	45.8	44.2	42.4	40.6	38.4
-70°	47.1	46.2	45.1	43.9	42.6	41.2	39.8	38.3	36.8	35.0	33.0
-72.5°	39.9	39.0	38.0	37.1	36.0	34.9	33.6	32.2	30.6	28.9	27.3
-75°	32.5	31.9	31.1	30.3	29.3	28.2	27.1	26.0	24.7	23.5	22.1
-77.5°	25.4	24.8	24.2	23.5	22.7	22.0	21.1	20.2	19.2	18.2	17.1
-80°	18.5	18.0	17.4	16.9	16.3	15.7	15.0	14.4	13.7	13.0	12.3
-82.5°	12.2	11.8	11.4	11.1	10.8	10.4	10.0	9.5	9.0	8.4	7.8
-85°	6.9	6.8	6.6	6.4	6.2	6.1	5.9	5.6	5.3	5.0	4.7
-87.5°	2.6	2.4	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	4.4	4.2	3.9	3.7	3.3	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	7.3	6.9	6.6	6.2	5.8	5.4	4.9	4.3	3.7	3.1	2.7
80°	11.6	10.8	10.0	9.2	8.5	7.7	7.1	6.4	5.5	4.7	3.9
77.5°	16.0	14.9	13.7	12.6	11.6	10.6	9.6	8.5	7.4	6.3	5.3
75°	20.7	19.3	17.9	16.4	14.9	13.4	12.1	10.8	9.4	7.9	6.6
72.5°	25.7	24.0	22.2	20.3	18.5	16.7	14.8	13.1	11.5	9.8	8.0
70°	30.9	28.9	26.8	24.6	22.3	20.1	17.9	15.8	13.6	11.7	9.7
67.5°	36.1	33.7	31.3	28.8	26.2	23.6	21.0	18.6	16.1	13.6	11.4
65°	41.1	38.4	35.6	32.9	30.0	27.1	24.2	21.4	18.6	15.8	13.0
62.5°	45.9	43.2	40.1	36.9	33.7	30.6	27.3	24.2	21.0	17.9	14.8
60°	50.6	47.6	44.4	40.9	37.4	33.9	30.4	27.0	23.6	20.1	16.7
57.5°	55.0	52.0	48.5	44.8	41.0	37.2	33.5	29.8	26.0	22.2	18.5
55°	59.2	55.9	52.3	48.5	44.5	40.4	36.5	32.5	28.4	24.4	20.3
52.5°	63.0	59.6	55.9	52.0	47.9	43.6	39.4	35.1	30.8	26.5	22.1
50°	66.4	63.0	59.3	55.3	51.1	46.7	42.3	37.8	33.1	28.5	23.9
47.5°	69.5	66.1	62.4	58.4	54.0	49.6	45.1	40.4	35.3	30.5	25.7
45°	72.1	69.0	65.3	61.2	57.0	52.4	47.7	42.9	37.6	32.4	27.3
42.5°	74.6	71.5	68.0	63.9	59.7	55.1	50.1	45.1	39.8	34.3	29.0
40°	76.7	73.8	70.4	66.4	62.3	57.7	52.5	47.3	42.0	36.1	30.5
37.5°	78.7	75.9	72.6	69.0	64.8	60.0	54.8	49.2	43.9	37.9	32.0
35°	80.5	77.6	74.8	71.3	67.1	62.3	57.0	51.2	45.6	39.5	33.4
32.5°	82.3	79.3	76.4	73.2	69.3	64.4	59.0	53.0	47.1	41.1	34.7
30°	84.4	80.9	78.0	75.0	71.3	66.4	60.8	54.7	48.6	42.6	36.0
27.5°	86.0	82.1	79.3	76.4	72.9	68.2	62.4	56.2	50.0	43.8	37.2
25°	87.4	83.3	80.3	77.5	74.2	69.7	63.8	57.6	51.2	45.0	38.3
22.5°	88.4	84.3	81.1	78.6	75.5	71.1	65.1	58.7	52.3	46.0	39.2
20°	89.0	85.1	81.7	79.5	76.6	72.1	66.2	59.8	53.3	46.9	40.1
17.5°	89.2	85.6	82.4	80.1	77.4	73.1	67.1	60.7	54.2	47.7	40.9
15°	90.1	86.1	83.0	80.6	78.1	74.0	67.9	61.5	54.9	48.4	41.6
12.5°	91.0	86.5	83.4	81.0	78.7	75.0	68.6	62.1	55.4	49.0	42.1
10°	91.7	86.8	83.6	81.3	79.2	75.8	69.1	62.7	56.0	49.5	42.6
7.5°	92.3	86.9	83.6	81.5	79.5	76.5	69.6	63.0	56.5	49.9	42.9
5°	92.8	87.0	83.6	81.7	79.8	76.9	70.0	63.3	56.9	50.2	43.2
2.5°	93.2	86.9	83.5	81.8	80.1	77.2	70.2	63.4	57.2	50.3	43.3
0°	93.3	86.8	83.3	81.8	80.3	77.3	70.3	63.3	57.4	50.4	43.4
-2.5°	93.2	86.9	83.5	81.8	80.1	77.2	70.2	63.4	57.2	50.3	43.3
-5°	92.8	87.0	83.6	81.7	79.8	76.9	70.0	63.3	56.9	50.2	43.2
-7.5°	92.3	86.9	83.6	81.5	79.5	76.5	69.6	63.0	56.5	49.9	42.9
-10°	91.7	86.8	83.6	81.3	79.2	75.8	69.1	62.7	56.0	49.5	42.6
-12.5°	91.0	86.5	83.4	81.0	78.7	75.0	68.6	62.1	55.4	49.0	42.1
-15°	90.1	86.1	83.0	80.6	78.1	74.0	67.9	61.5	54.9	48.4	41.6
-17.5°	89.2	85.6	82.4	80.1	77.4	73.1	67.1	60.7	54.2	47.7	40.9
-20°	89.0	85.1	81.7	79.5	76.6	72.1	66.2	59.8	53.3	46.9	40.1



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	88.4	84.3	81.1	78.6	75.5	71.1	65.1	58.7	52.3	46.0	39.2
-25°	87.4	83.3	80.3	77.5	74.2	69.7	63.8	57.6	51.2	45.0	38.3
-27.5°	86.0	82.1	79.3	76.4	72.9	68.2	62.4	56.2	50.0	43.8	37.2
-30°	84.4	80.9	78.0	75.0	71.3	66.4	60.8	54.7	48.6	42.6	36.0
-32.5°	82.3	79.3	76.4	73.2	69.3	64.4	59.0	53.0	47.1	41.1	34.7
-35°	80.5	77.6	74.8	71.3	67.1	62.3	57.0	51.2	45.6	39.5	33.4
-37.5°	78.7	75.9	72.6	69.0	64.8	60.0	54.8	49.2	43.9	37.9	32.0
-40°	76.7	73.8	70.4	66.4	62.3	57.7	52.5	47.3	42.0	36.1	30.5
-42.5°	74.6	71.5	68.0	63.9	59.7	55.1	50.1	45.1	39.8	34.3	29.0
-45°	72.1	69.0	65.3	61.2	57.0	52.4	47.7	42.9	37.6	32.4	27.3
-47.5°	69.5	66.1	62.4	58.4	54.0	49.6	45.1	40.4	35.3	30.5	25.7
-50°	66.4	63.0	59.3	55.3	51.1	46.7	42.3	37.8	33.1	28.5	23.9
-52.5°	63.0	59.6	55.9	52.0	47.9	43.6	39.4	35.1	30.8	26.5	22.1
-55°	59.2	55.9	52.3	48.5	44.5	40.4	36.5	32.5	28.4	24.4	20.3
-57.5°	55.0	52.0	48.5	44.8	41.0	37.2	33.5	29.8	26.0	22.2	18.5
-60°	50.6	47.6	44.4	40.9	37.4	33.9	30.4	27.0	23.6	20.1	16.7
-62.5°	45.9	43.2	40.1	36.9	33.7	30.6	27.3	24.2	21.0	17.9	14.8
-65°	41.1	38.4	35.6	32.9	30.0	27.1	24.2	21.4	18.6	15.8	13.0
-67.5°	36.1	33.7	31.3	28.8	26.2	23.6	21.0	18.6	16.1	13.6	11.4
-70°	30.9	28.9	26.8	24.6	22.3	20.1	17.9	15.8	13.6	11.7	9.7
-72.5°	25.7	24.0	22.2	20.3	18.5	16.7	14.8	13.1	11.5	9.8	8.0
-75°	20.7	19.3	17.9	16.4	14.9	13.4	12.1	10.8	9.4	7.9	6.6
-77.5°	16.0	14.9	13.7	12.6	11.6	10.6	9.6	8.5	7.4	6.3	5.3
-80°	11.6	10.8	10.0	9.2	8.5	7.7	7.1	6.4	5.5	4.7	3.9
-82.5°	7.3	6.9	6.6	6.2	5.8	5.4	4.9	4.3	3.7	3.1	2.7
-85°	4.4	4.2	3.9	3.7	3.3	3.0	2.8	2.5	2.3	2.0	1.8
-87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
-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: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.3	3.3	2.6	1.9	1.3	0.6	0.0
75°	5.4	4.3	3.1	2.3	1.6	0.8	0.0
72.5°	6.6	5.3	3.9	2.7	1.8	0.9	0.0
70°	7.7	6.3	4.7	3.1	2.0	1.0	0.0
67.5°	9.2	7.2	5.5	3.7	2.3	1.1	0.0
65°	10.6	8.3	6.3	4.3	2.5	1.3	0.0
62.5°	12.0	9.4	7.0	4.9	2.8	1.4	0.0
60°	13.3	10.5	7.8	5.4	3.0	1.5	0.0
57.5°	14.9	11.6	8.6	6.0	3.4	1.6	0.0
55°	16.4	12.6	9.5	6.5	3.7	1.7	0.0
52.5°	17.9	13.7	10.3	7.1	4.1	1.8	0.0
50°	19.3	14.9	11.0	7.6	4.4	1.9	0.0
47.5°	20.7	16.0	11.8	8.1	4.8	2.0	0.0
45°	22.2	17.1	12.5	8.6	5.1	2.1	0.0
42.5°	23.6	18.2	13.2	9.1	5.4	2.2	0.0
40°	24.9	19.2	13.9	9.6	5.7	2.3	0.0
37.5°	26.2	20.2	14.7	10.1	5.9	2.4	0.0
35°	27.4	21.2	15.4	10.5	6.2	2.5	0.0
32.5°	28.6	22.1	16.1	10.9	6.4	2.5	0.0
30°	29.6	23.0	16.7	11.3	6.7	2.6	0.0
27.5°	30.6	23.9	17.3	11.6	6.9	2.7	0.0
25°	31.5	24.6	17.9	11.9	7.1	2.7	0.0
22.5°	32.4	25.4	18.4	12.2	7.2	2.8	0.0
20°	33.1	26.0	18.9	12.5	7.4	2.8	0.0
17.5°	33.8	26.6	19.3	12.7	7.5	2.9	0.0
15°	34.3	27.1	19.7	12.9	7.7	2.9	0.0
12.5°	34.8	27.5	20.0	13.1	7.8	2.9	0.0
10°	35.2	27.8	20.3	13.2	7.8	3.0	0.0
7.5°	35.5	28.1	20.5	13.4	7.9	3.0	0.0
5°	35.7	28.3	20.7	13.4	8.0	3.0	0.0
2.5°	35.9	28.4	20.8	13.5	8.0	3.0	0.0
0°	35.9	28.4	20.9	13.5	8.0	3.0	0.0
-2.5°	35.9	28.4	20.9	13.5	8.0	3.0	0.0
-5°	35.7	28.3	20.7	13.4	8.0	3.0	0.0
-7.5°	35.5	28.1	20.5	13.4	7.9	3.0	0.0
-10°	35.2	27.8	20.3	13.2	7.8	3.0	0.0
-12.5°	34.8	27.5	20.0	13.1	7.8	2.9	0.0
-15°	34.3	27.1	19.7	12.9	7.7	2.9	0.0
-17.5°	33.8	26.6	19.3	12.7	7.5	2.9	0.0
-20°	33.1	26.0	18.9	12.5	7.4	2.8	0.0



REPORT NUMBER: P558575 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.4	25.4	18.4	12.2	7.2	2.8	0.0
-25°	31.5	24.6	17.9	11.9	7.1	2.7	0.0
-27.5°	30.6	23.9	17.3	11.6	6.9	2.7	0.0
-30°	29.6	23.0	16.7	11.3	6.7	2.6	0.0
-32.5°	28.6	22.1	16.1	10.9	6.4	2.5	0.0
-35°	27.4	21.2	15.4	10.5	6.2	2.5	0.0
-37.5°	26.2	20.2	14.7	10.1	5.9	2.4	0.0
-40°	24.9	19.2	13.9	9.6	5.7	2.3	0.0
-42.5°	23.6	18.2	13.2	9.1	5.4	2.2	0.0
-45°	22.2	17.1	12.5	8.6	5.1	2.1	0.0
-47.5°	20.7	16.0	11.8	8.1	4.8	2.0	0.0
-50°	19.3	14.9	11.0	7.6	4.4	1.9	0.0
-52.5°	17.9	13.7	10.3	7.1	4.1	1.8	0.0
-55°	16.4	12.6	9.5	6.5	3.7	1.7	0.0
-57.5°	14.9	11.6	8.6	6.0	3.4	1.6	0.0
-60°	13.3	10.5	7.8	5.4	3.0	1.5	0.0
-62.5°	12.0	9.4	7.0	4.9	2.8	1.4	0.0
-65°	10.6	8.3	6.3	4.3	2.5	1.3	0.0
-67.5°	9.2	7.2	5.5	3.7	2.3	1.1	0.0
-70°	7.7	6.3	4.7	3.1	2.0	1.0	0.0
-72.5°	6.6	5.3	3.9	2.7	1.8	0.9	0.0
-75°	5.4	4.3	3.1	2.3	1.6	0.8	0.0
-77.5°	4.3	3.3	2.6	1.9	1.3	0.6	0.0
-80°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)