

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: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558583 (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-940-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

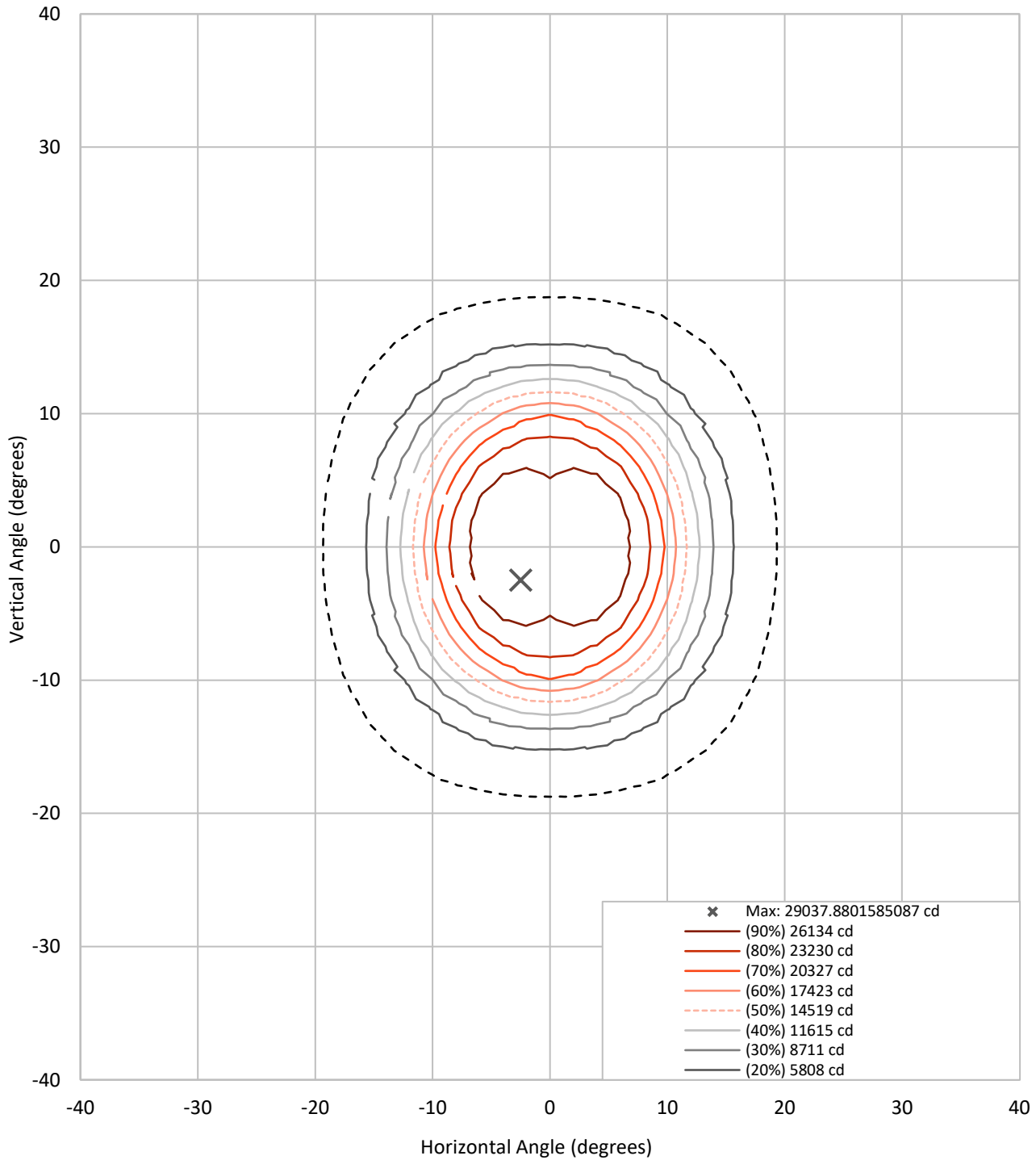
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	5491.1 lumens	Max Intensity:	29037.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2964.4 lumens	Field Lumens:	4470.5 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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CATALOG NUMBER: GFLD-SA1D-940-U-NR-XX

### Iso-Candela Plot





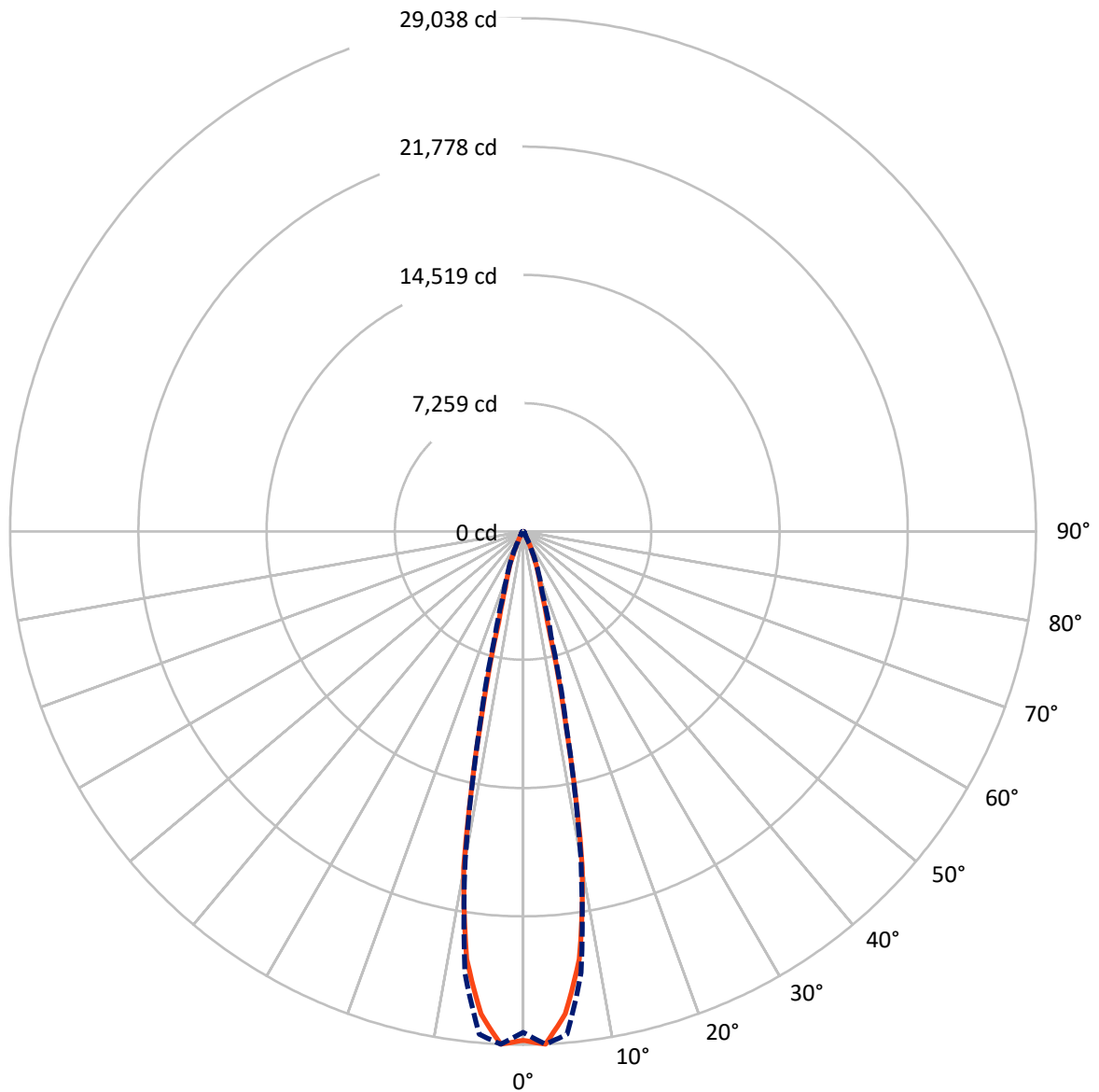
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### Lumen Table

90	0.1	0.6		1.5		2.4		2.8		2.4		1.5		0.6		0.1
80	0.1	0.6		1.5		2.4		2.8		2.4		1.5		0.6		0.1
70	0.3	0.3	0.6	1.0	1.3	1.6	1.9	2.0	2.0	1.9	1.6	1.3	1.0	0.6	0.3	0.3
60		0.4	0.9	1.4	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.4	0.9	0.4	
50	0.5	0.6	1.1	1.6	2.1	2.6	3.0	3.1	3.1	3.0	2.6	2.1	1.6	1.1	0.6	0.5
40		0.7	1.3	1.9	2.5	3.4	4.5	5.4	5.4	4.5	3.4	2.5	1.9	1.3	0.7	
30	0.6	0.8	1.4	2.0	3.1	5.6	16.9	32.9	32.9	16.9	5.6	3.1	2.0	1.4	0.8	0.6
20		0.8	1.4	2.2	3.9	16.7	76.9	197.7	197.7	76.9	16.7	3.9	2.2	1.4	0.8	
10	0.7	0.8	1.5	2.3	4.6	32.4	200.2	707.2	707.2	200.2	32.4	4.6	2.3	1.5	0.8	0.7
0		0.8	1.5	2.3	4.6	32.4	200.2	707.2	707.2	200.2	32.4	4.6	2.3	1.5	0.8	
-10	0.6	0.8	1.4	2.2	3.9	16.7	76.9	197.7	197.7	76.9	16.7	3.9	2.2	1.4	0.8	0.6
-20		0.8	1.4	2.0	3.1	5.6	16.9	32.9	32.9	16.9	5.6	3.1	2.0	1.4	0.8	
-30	0.5	0.7	1.3	1.9	2.5	3.4	4.5	5.4	5.4	4.5	3.4	2.5	1.9	1.3	0.7	0.5
-40		0.6	1.1	1.6	2.1	2.6	3.0	3.1	3.1	3.0	2.6	2.1	1.6	1.1	0.6	
-50	0.3	0.4	0.9	1.4	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.4	0.9	0.4	0.3
-60		0.3	0.6	1.0	1.3	1.6	1.9	2.0	2.0	1.9	1.6	1.3	1.0	0.6	0.3	
-70	0.1	0.6		1.5		2.4		2.8		2.4		1.5		0.6		0.1
-80		0.6		1.5		2.4		2.8		2.4		1.5		0.6		
-90	0.1	0.6		1.5		2.4		2.8		2.4		1.5		0.6		0.1

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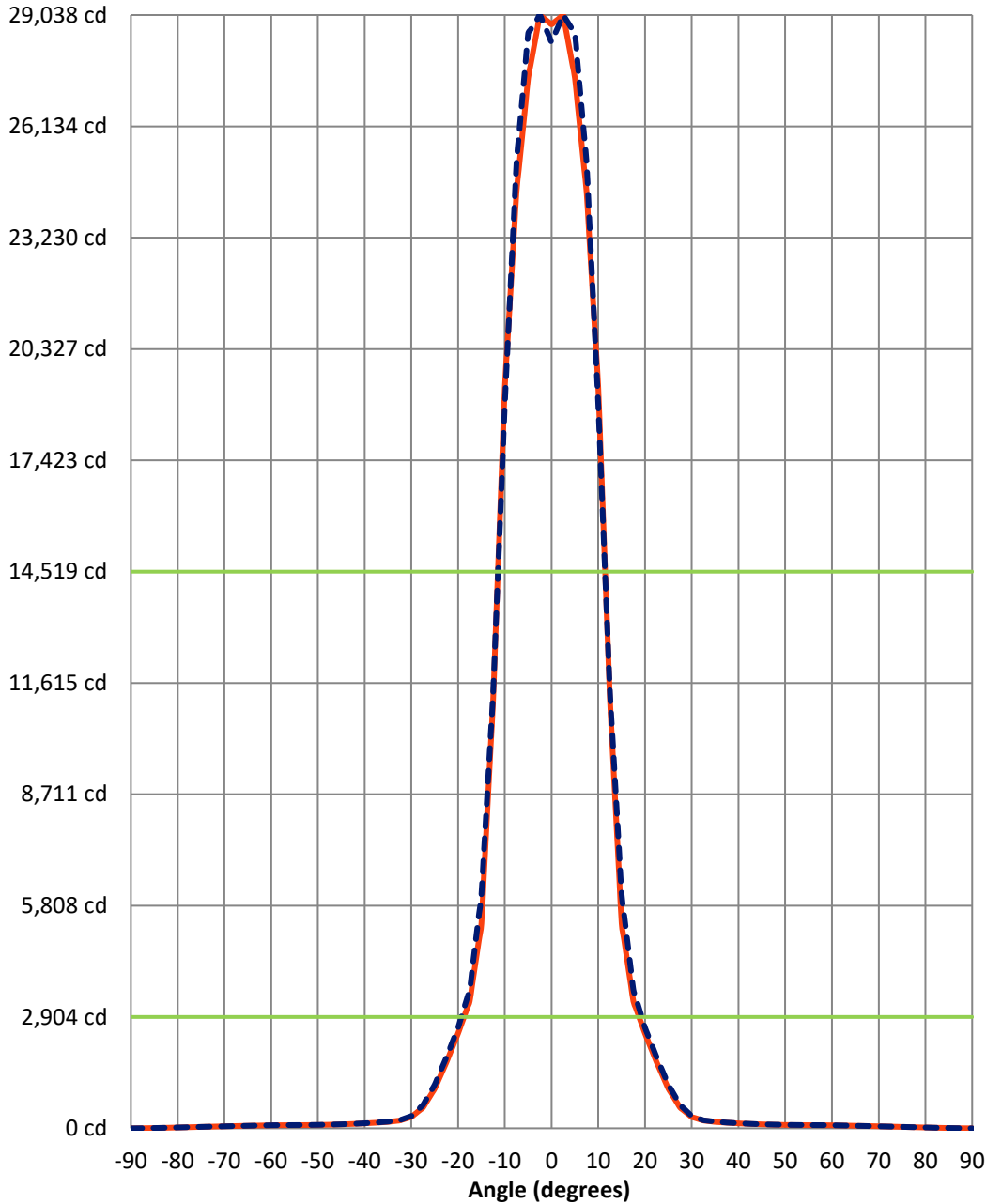
### Luminous Intensity Polar Plot



— 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: 2964.4  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 4470.5  
Efficiency: 81.4%

**Spill:**  
Lumens: 1020.6  
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	0.7	0.8	0.9	1.1	1.2	1.3
85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.8	4.4
80°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	4.0	4.9	5.7	6.6
77.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.4	5.4	6.5	7.6	8.7
75°	0.0	0.8	1.6	2.4	3.2	4.5	5.6	6.8	8.1	9.6	11.1
72.5°	0.0	0.9	1.9	2.8	4.1	5.4	6.7	8.2	10.1	11.8	13.4
70°	0.0	1.1	2.1	3.2	4.9	6.4	7.9	10.0	12.0	14.0	16.2
67.5°	0.0	1.2	2.4	3.8	5.7	7.4	9.4	11.7	14.0	16.6	19.1
65°	0.0	1.3	2.6	4.4	6.4	8.5	10.9	13.4	16.2	19.1	22.0
62.5°	0.0	1.4	2.9	5.0	7.2	9.7	12.3	15.3	18.5	21.6	25.0
60°	0.0	1.5	3.1	5.6	8.0	10.8	13.7	17.2	20.7	24.3	27.9
57.5°	0.0	1.7	3.5	6.2	8.9	11.9	15.3	19.1	22.9	26.8	30.7
55°	0.0	1.8	3.8	6.7	9.7	13.0	16.9	20.9	25.1	29.4	33.5
52.5°	0.0	1.9	4.2	7.3	10.6	14.1	18.4	22.8	27.3	31.8	36.2
50°	0.0	2.0	4.6	7.8	11.4	15.3	19.9	24.7	29.4	34.2	38.9
47.5°	0.0	2.1	4.9	8.3	12.1	16.5	21.3	26.5	31.4	36.4	41.6
45°	0.0	2.2	5.2	8.9	12.9	17.7	22.8	28.2	33.4	38.8	44.2
42.5°	0.0	2.3	5.5	9.4	13.6	18.7	24.3	29.9	35.3	41.0	46.5
40°	0.0	2.4	5.8	9.9	14.3	19.8	25.7	31.5	37.2	43.2	48.7
37.5°	0.0	2.5	6.1	10.4	15.1	20.8	27.0	33.0	39.0	45.2	50.7
35°	0.0	2.5	6.4	10.8	15.9	21.8	28.3	34.5	40.7	46.9	52.7
32.5°	0.0	2.6	6.6	11.2	16.6	22.8	29.5	35.8	42.3	48.5	54.6
30°	0.0	2.7	6.8	11.6	17.2	23.7	30.6	37.1	43.8	50.0	56.3
27.5°	0.0	2.7	7.0	12.0	17.8	24.6	31.6	38.3	45.2	51.4	57.9
25°	0.0	2.8	7.2	12.3	18.4	25.4	32.5	39.4	46.3	52.7	59.3
22.5°	0.0	2.9	7.4	12.6	19.0	26.1	33.4	40.4	47.4	53.9	60.5
20°	0.0	2.9	7.6	12.9	19.5	26.8	34.1	41.3	48.3	54.9	61.6
17.5°	0.0	3.0	7.7	13.1	19.9	27.4	34.8	42.1	49.1	55.8	62.5
15°	0.0	3.0	7.9	13.3	20.3	27.9	35.4	42.8	49.9	56.5	63.3
12.5°	0.0	3.0	8.0	13.5	20.7	28.3	35.9	43.4	50.5	57.1	64.0
10°	0.0	3.1	8.0	13.6	21.0	28.7	36.3	43.9	51.0	57.7	64.5
7.5°	0.0	3.1	8.1	13.8	21.2	29.0	36.6	44.2	51.4	58.2	64.9
5°	0.0	3.1	8.2	13.8	21.4	29.1	36.8	44.5	51.7	58.6	65.2
2.5°	0.0	3.1	8.2	13.9	21.5	29.3	37.0	44.6	51.8	58.9	65.3
0°	0.0	3.1	8.2	13.9	21.6	29.3	37.0	44.7	51.9	59.1	65.2
-2.5°	0.0	3.1	8.2	13.9	21.6	29.3	37.0	44.7	51.9	59.1	65.2
-5°	0.0	3.1	8.2	13.8	21.4	29.1	36.8	44.5	51.7	58.6	65.2
-7.5°	0.0	3.1	8.1	13.8	21.2	29.0	36.6	44.2	51.4	58.2	64.9
-10°	0.0	3.1	8.0	13.6	21.0	28.7	36.3	43.9	51.0	57.7	64.5
-12.5°	0.0	3.0	8.0	13.5	20.7	28.3	35.9	43.4	50.5	57.1	64.0
-15°	0.0	3.0	7.9	13.3	20.3	27.9	35.4	42.8	49.9	56.5	63.3
-17.5°	0.0	3.0	7.7	13.1	19.9	27.4	34.8	42.1	49.1	55.8	62.5
-20°	0.0	2.9	7.6	12.9	19.5	26.8	34.1	41.3	48.3	54.9	61.6



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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	2.9	7.4	12.6	19.0	26.1	33.4	40.4	47.4	53.9	60.5
-25°	0.0	2.8	7.2	12.3	18.4	25.4	32.5	39.4	46.3	52.7	59.3
-27.5°	0.0	2.7	7.0	12.0	17.8	24.6	31.6	38.3	45.2	51.4	57.9
-30°	0.0	2.7	6.8	11.6	17.2	23.7	30.6	37.1	43.8	50.0	56.3
-32.5°	0.0	2.6	6.6	11.2	16.6	22.8	29.5	35.8	42.3	48.5	54.6
-35°	0.0	2.5	6.4	10.8	15.9	21.8	28.3	34.5	40.7	46.9	52.7
-37.5°	0.0	2.5	6.1	10.4	15.1	20.8	27.0	33.0	39.0	45.2	50.7
-40°	0.0	2.4	5.8	9.9	14.3	19.8	25.7	31.5	37.2	43.2	48.7
-42.5°	0.0	2.3	5.5	9.4	13.6	18.7	24.3	29.9	35.3	41.0	46.5
-45°	0.0	2.2	5.2	8.9	12.9	17.7	22.8	28.2	33.4	38.8	44.2
-47.5°	0.0	2.1	4.9	8.3	12.1	16.5	21.3	26.5	31.4	36.4	41.6
-50°	0.0	2.0	4.6	7.8	11.4	15.3	19.9	24.7	29.4	34.2	38.9
-52.5°	0.0	1.9	4.2	7.3	10.6	14.1	18.4	22.8	27.3	31.8	36.2
-55°	0.0	1.8	3.8	6.7	9.7	13.0	16.9	20.9	25.1	29.4	33.5
-57.5°	0.0	1.7	3.5	6.2	8.9	11.9	15.3	19.1	22.9	26.8	30.7
-60°	0.0	1.5	3.1	5.6	8.0	10.8	13.7	17.2	20.7	24.3	27.9
-62.5°	0.0	1.4	2.9	5.0	7.2	9.7	12.3	15.3	18.5	21.6	25.0
-65°	0.0	1.3	2.6	4.4	6.4	8.5	10.9	13.4	16.2	19.1	22.0
-67.5°	0.0	1.2	2.4	3.8	5.7	7.4	9.4	11.7	14.0	16.6	19.1
-70°	0.0	1.1	2.1	3.2	4.9	6.4	7.9	10.0	12.0	14.0	16.2
-72.5°	0.0	0.9	1.9	2.8	4.1	5.4	6.7	8.2	10.1	11.8	13.4
-75°	0.0	0.8	1.6	2.4	3.2	4.5	5.6	6.8	8.1	9.6	11.1
-77.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.4	5.4	6.5	7.6	8.7
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	4.0	4.9	5.7	6.6
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.8	4.4
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.1	2.4	2.6
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	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	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
85°	2.9	3.1	3.4	3.8	4.1	4.3	4.6	4.8	5.1	5.4	5.7
82.5°	5.0	5.5	6.0	6.4	6.8	7.1	7.5	8.0	8.7	9.3	9.8
80°	7.3	7.9	8.7	9.5	10.3	11.1	11.9	12.7	13.4	14.1	14.8
77.5°	9.8	10.9	11.9	13.0	14.1	15.3	16.5	17.7	18.7	19.7	20.8
75°	12.4	13.7	15.3	16.9	18.4	19.9	21.3	22.8	24.2	25.5	26.8
72.5°	15.3	17.2	19.1	20.9	22.9	24.8	26.5	28.2	29.9	31.6	33.2
70°	18.5	20.7	23.0	25.4	27.7	29.8	31.9	34.0	36.1	37.9	39.5
67.5°	21.7	24.3	27.1	29.7	32.3	34.7	37.2	39.6	41.8	43.7	45.5
65°	25.0	28.0	31.0	33.9	36.7	39.6	42.3	44.8	47.2	49.4	51.4
62.5°	28.2	31.5	34.8	38.0	41.3	44.4	47.3	50.0	52.6	54.9	57.1
60°	31.4	35.0	38.5	42.1	45.7	49.0	52.1	54.9	57.6	60.2	62.4
57.5°	34.5	38.4	42.3	46.1	49.9	53.5	56.6	59.6	62.3	64.9	67.3
55°	37.6	41.7	45.8	49.9	53.9	57.6	60.9	63.9	66.8	69.2	71.4
52.5°	40.7	44.9	49.3	53.6	57.6	61.4	64.9	67.9	70.5	72.9	74.9
50°	43.6	48.1	52.6	56.9	61.1	65.0	68.5	71.4	73.9	76.1	78.0
47.5°	46.4	51.1	55.6	60.1	64.3	68.2	71.6	74.3	76.8	78.8	80.5
45°	49.1	54.0	58.6	63.0	67.3	71.1	74.2	77.0	79.3	81.3	83.1
42.5°	51.6	56.7	61.4	65.8	70.0	73.7	76.8	79.3	81.6	83.6	85.6
40°	54.1	59.4	64.1	68.4	72.6	76.0	78.9	81.5	83.8	86.1	88.2
37.5°	56.4	61.8	66.7	71.1	74.7	78.1	81.0	83.6	86.2	88.7	91.5
35°	58.7	64.1	69.1	73.4	77.0	79.9	82.9	85.7	88.7	91.8	95.1
32.5°	60.8	66.4	71.4	75.4	78.7	81.7	84.8	88.2	91.7	95.3	99.4
30°	62.6	68.4	73.4	77.2	80.3	83.3	86.9	90.8	94.9	99.0	103.8
27.5°	64.3	70.3	75.0	78.7	81.7	84.5	88.6	93.6	98.1	102.4	107.7
25°	65.8	71.8	76.5	79.9	82.7	85.8	89.9	95.2	100.8	105.5	112.9
22.5°	67.1	73.2	77.8	81.0	83.5	86.8	91.0	96.2	102.0	108.0	118.1
20°	68.2	74.2	78.9	81.9	84.1	87.6	91.6	96.9	103.4	112.0	123.2
17.5°	69.1	75.2	79.8	82.5	84.8	88.1	91.9	97.4	104.8	115.6	127.9
15°	70.0	76.2	80.5	83.0	85.4	88.7	92.7	98.5	107.1	118.9	132.2
12.5°	70.7	77.2	81.1	83.4	85.8	89.1	93.6	100.2	109.7	122.3	137.0
10°	71.2	78.1	81.5	83.7	86.0	89.3	94.4	101.5	111.9	125.4	141.2
7.5°	71.7	78.8	81.9	83.9	86.1	89.5	95.0	102.4	113.5	127.9	144.7
5°	72.1	79.2	82.2	84.1	86.1	89.6	95.5	103.0	114.5	129.9	147.4
2.5°	72.3	79.5	82.5	84.2	86.0	89.5	95.9	104.1	115.8	131.3	149.0
0°	72.4	79.6	82.7	84.2	85.8	89.4	96.0	104.8	116.6	132.0	149.5
-2.5°	72.3	79.5	82.5	84.2	86.0	89.5	95.9	104.1	115.8	131.3	149.0
-5°	72.1	79.2	82.2	84.1	86.1	89.6	95.5	103.0	114.5	129.9	147.4
-7.5°	71.7	78.8	81.9	83.9	86.1	89.5	95.0	102.4	113.5	127.9	144.7
-10°	71.2	78.1	81.5	83.7	86.0	89.3	94.4	101.5	111.9	125.4	141.2
-12.5°	70.7	77.2	81.1	83.4	85.8	89.1	93.6	100.2	109.7	122.3	137.0
-15°	70.0	76.2	80.5	83.0	85.4	88.7	92.7	98.5	107.1	118.9	132.2
-17.5°	69.1	75.2	79.8	82.5	84.8	88.1	91.9	97.4	104.8	115.6	127.9
-20°	68.2	74.2	78.9	81.9	84.1	87.6	91.6	96.9	103.4	112.0	123.2



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	67.1	73.2	77.8	81.0	83.5	86.8	91.0	96.2	102.0	108.0	118.1
-25°	65.8	71.8	76.5	79.9	82.7	85.8	89.9	95.2	100.8	105.5	112.9
-27.5°	64.3	70.3	75.0	78.7	81.7	84.5	88.6	93.6	98.1	102.4	107.7
-30°	62.6	68.4	73.4	77.2	80.3	83.3	86.9	90.8	94.9	99.0	103.8
-32.5°	60.8	66.4	71.4	75.4	78.7	81.7	84.8	88.2	91.7	95.3	99.4
-35°	58.7	64.1	69.1	73.4	77.0	79.9	82.9	85.7	88.7	91.8	95.1
-37.5°	56.4	61.8	66.7	71.1	74.7	78.1	81.0	83.6	86.2	88.7	91.5
-40°	54.1	59.4	64.1	68.4	72.6	76.0	78.9	81.5	83.8	86.1	88.2
-42.5°	51.6	56.7	61.4	65.8	70.0	73.7	76.8	79.3	81.6	83.6	85.6
-45°	49.1	54.0	58.6	63.0	67.3	71.1	74.2	77.0	79.3	81.3	83.1
-47.5°	46.4	51.1	55.6	60.1	64.3	68.2	71.6	74.3	76.8	78.8	80.5
-50°	43.6	48.1	52.6	56.9	61.1	65.0	68.5	71.4	73.9	76.1	78.0
-52.5°	40.7	44.9	49.3	53.6	57.6	61.4	64.9	67.9	70.5	72.9	74.9
-55°	37.6	41.7	45.8	49.9	53.9	57.6	60.9	63.9	66.8	69.2	71.4
-57.5°	34.5	38.4	42.3	46.1	49.9	53.5	56.6	59.6	62.3	64.9	67.3
-60°	31.4	35.0	38.5	42.1	45.7	49.0	52.1	54.9	57.6	60.2	62.4
-62.5°	28.2	31.5	34.8	38.0	41.3	44.4	47.3	50.0	52.6	54.9	57.1
-65°	25.0	28.0	31.0	33.9	36.7	39.6	42.3	44.8	47.2	49.4	51.4
-67.5°	21.7	24.3	27.1	29.7	32.3	34.7	37.2	39.6	41.8	43.7	45.5
-70°	18.5	20.7	23.0	25.4	27.7	29.8	31.9	34.0	36.1	37.9	39.5
-72.5°	15.3	17.2	19.1	20.9	22.9	24.8	26.5	28.2	29.9	31.6	33.2
-75°	12.4	13.7	15.3	16.9	18.4	19.9	21.3	22.8	24.2	25.5	26.8
-77.5°	9.8	10.9	11.9	13.0	14.1	15.3	16.5	17.7	18.7	19.7	20.8
-80°	7.3	7.9	8.7	9.5	10.3	11.1	11.9	12.7	13.4	14.1	14.8
-82.5°	5.0	5.5	6.0	6.4	6.8	7.1	7.5	8.0	8.7	9.3	9.8
-85°	2.9	3.1	3.4	3.8	4.1	4.3	4.6	4.8	5.1	5.4	5.7
-87.5°	1.4	1.5	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
-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: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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	2.5	2.5	2.4	2.4	2.5	2.7	2.8	3.0	3.0	3.1
85°	6.0	6.2	6.4	6.6	6.7	6.9	7.1	7.3	7.4	7.6	7.8
82.5°	10.3	10.7	11.1	11.5	11.8	12.2	12.6	12.9	13.3	13.5	13.6
80°	15.5	16.2	16.8	17.4	17.8	18.4	19.0	19.6	20.1	20.4	20.7
77.5°	21.8	22.6	23.4	24.2	24.9	25.6	26.2	26.6	27.0	27.5	27.9
75°	28.0	29.2	30.2	31.2	32.1	32.9	33.6	34.2	34.8	35.3	35.8
72.5°	34.6	35.9	37.1	38.2	39.2	40.2	41.1	42.0	42.7	43.3	43.8
70°	41.0	42.4	43.8	45.2	46.4	47.5	48.5	49.4	50.2	50.9	51.4
67.5°	47.2	48.8	50.4	51.9	53.3	54.4	55.6	56.6	57.6	58.3	58.8
65°	53.3	55.1	56.9	58.4	59.8	61.0	62.3	63.4	64.3	65.0	65.5
62.5°	59.3	61.2	62.9	64.5	66.1	67.4	68.4	69.4	70.4	71.1	71.6
60°	64.6	66.6	68.3	69.8	71.2	72.4	73.5	74.6	75.6	76.5	77.2
57.5°	69.3	71.2	72.8	74.2	75.4	76.6	77.6	78.5	79.2	79.8	80.2
55°	73.4	75.0	76.6	77.9	79.0	80.0	80.7	81.4	81.9	82.2	82.5
52.5°	76.8	78.4	79.9	81.2	82.1	82.9	83.6	84.3	84.7	84.8	84.8
50°	79.6	81.3	82.7	83.9	85.0	86.3	87.7	88.3	88.6	88.5	88.2
47.5°	82.2	83.8	85.4	86.8	88.5	90.7	92.9	93.9	93.8	93.4	93.1
45°	84.8	86.5	88.3	90.6	92.9	95.7	98.3	99.9	99.9	99.9	100.3
42.5°	87.4	89.6	92.0	95.1	98.1	101.3	104.0	106.0	107.5	109.3	110.9
40°	90.7	93.1	96.7	100.5	104.5	107.9	112.1	115.7	118.7	121.5	123.5
37.5°	94.5	98.0	102.6	107.5	112.6	117.9	122.8	127.4	131.4	135.9	139.2
35°	99.1	104.0	109.7	115.7	122.2	128.8	135.1	142.5	149.0	154.8	159.5
32.5°	104.4	110.4	117.4	125.3	133.4	142.1	151.3	160.8	169.9	179.4	188.8
30°	109.8	117.7	126.6	136.2	145.7	157.1	169.1	184.5	200.8	219.3	247.7
27.5°	116.3	125.8	136.1	147.2	160.2	174.8	197.9	226.5	275.3	311.7	409.7
25°	122.7	133.5	146.7	161.2	178.7	205.4	260.4	323.9	465.4	597.9	751.0
22.5°	129.2	142.7	158.5	176.1	206.6	275.4	380.1	571.7	790.3	1022.4	1258.8
20°	135.7	151.6	171.4	200.8	264.6	382.5	617.3	925.2	1236.0	1615.5	1943.6
17.5°	143.0	162.8	188.7	232.9	337.9	590.6	938.0	1365.2	1846.0	2333.9	2743.5
15°	149.1	172.2	206.9	293.4	491.7	826.9	1281.5	1860.7	2516.2	3133.0	3659.1
12.5°	155.8	182.7	228.3	342.5	633.5	1074.2	1673.3	2386.0	3172.4	4017.6	5355.7
10°	162.0	193.3	264.2	444.3	797.1	1324.1	2024.2	2827.2	3780.9	5473.1	8636.4
7.5°	167.2	201.6	291.2	520.3	945.1	1559.9	2310.3	3204.5	4638.4	7481.4	12804.4
5°	170.8	207.2	310.0	577.1	1063.0	1733.8	2493.2	3453.0	5513.2	9936.2	16345.6
2.5°	173.3	210.2	320.0	610.2	1137.5	1849.0	2622.7	3620.2	6100.6	11356.1	18865.6
0°	175.1	211.1	322.0	638.9	1162.8	1888.0	2629.1	3665.1	6301.9	11910.5	19763.5
-2.5°	173.3	210.2	320.0	610.2	1137.5	1849.0	2622.7	3620.2	6100.6	11356.1	18865.6
-5°	170.8	207.2	310.0	577.1	1063.0	1733.8	2493.2	3453.0	5513.2	9936.2	16345.6
-7.5°	167.2	201.6	291.2	520.3	945.1	1559.9	2310.3	3204.5	4638.4	7481.4	12804.4
-10°	162.0	193.3	264.2	444.3	797.1	1324.1	2024.2	2827.2	3780.9	5473.1	8636.4
-12.5°	155.8	182.7	228.3	342.5	633.5	1074.2	1673.3	2386.0	3172.4	4017.6	5355.7
-15°	149.1	172.2	206.9	293.4	491.7	826.9	1281.5	1860.7	2516.2	3133.0	3659.1
-17.5°	143.0	162.8	188.7	232.9	337.9	590.6	938.0	1365.2	1846.0	2333.9	2743.5
-20°	135.7	151.6	171.4	200.8	264.6	382.5	617.3	925.2	1236.0	1615.5	1943.6



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	129.2	142.7	158.5	176.1	206.6	275.4	380.1	571.7	790.3	1022.4	1258.8
-25°	122.7	133.5	146.7	161.2	178.7	205.4	260.4	323.9	465.4	597.9	751.0
-27.5°	116.3	125.8	136.1	147.2	160.2	174.8	197.9	226.5	275.3	311.7	409.7
-30°	109.8	117.7	126.6	136.2	145.7	157.1	169.1	184.5	200.8	219.3	247.7
-32.5°	104.4	110.4	117.4	125.3	133.4	142.1	151.3	160.8	169.9	179.4	188.8
-35°	99.1	104.0	109.7	115.7	122.2	128.8	135.1	142.5	149.0	154.8	159.5
-37.5°	94.5	98.0	102.6	107.5	112.6	117.9	122.8	127.4	131.4	135.9	139.2
-40°	90.7	93.1	96.7	100.5	104.5	107.9	112.1	115.7	118.7	121.5	123.5
-42.5°	87.4	89.6	92.0	95.1	98.1	101.3	104.0	106.0	107.5	109.3	110.9
-45°	84.8	86.5	88.3	90.6	92.9	95.7	98.3	99.9	99.9	99.9	100.3
-47.5°	82.2	83.8	85.4	86.8	88.5	90.7	92.9	93.9	93.8	93.4	93.1
-50°	79.6	81.3	82.7	83.9	85.0	86.3	87.7	88.3	88.6	88.5	88.2
-52.5°	76.8	78.4	79.9	81.2	82.1	82.9	83.6	84.3	84.7	84.8	84.8
-55°	73.4	75.0	76.6	77.9	79.0	80.0	80.7	81.4	81.9	82.2	82.5
-57.5°	69.3	71.2	72.8	74.2	75.4	76.6	77.6	78.5	79.2	79.8	80.2
-60°	64.6	66.6	68.3	69.8	71.2	72.4	73.5	74.6	75.6	76.5	77.2
-62.5°	59.3	61.2	62.9	64.5	66.1	67.4	68.4	69.4	70.4	71.1	71.6
-65°	53.3	55.1	56.9	58.4	59.8	61.0	62.3	63.4	64.3	65.0	65.5
-67.5°	47.2	48.8	50.4	51.9	53.3	54.4	55.6	56.6	57.6	58.3	58.8
-70°	41.0	42.4	43.8	45.2	46.4	47.5	48.5	49.4	50.2	50.9	51.4
-72.5°	34.6	35.9	37.1	38.2	39.2	40.2	41.1	42.0	42.7	43.3	43.8
-75°	28.0	29.2	30.2	31.2	32.1	32.9	33.6	34.2	34.8	35.3	35.8
-77.5°	21.8	22.6	23.4	24.2	24.9	25.6	26.2	26.6	27.0	27.5	27.9
-80°	15.5	16.2	16.8	17.4	17.8	18.4	19.0	19.6	20.1	20.4	20.7
-82.5°	10.3	10.7	11.1	11.5	11.8	12.2	12.6	12.9	13.3	13.5	13.6
-85°	6.0	6.2	6.4	6.6	6.7	6.9	7.1	7.3	7.4	7.6	7.8
-87.5°	2.5	2.5	2.5	2.4	2.4	2.5	2.7	2.8	3.0	3.0	3.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.8
85°	8.0	8.2	7.9	7.7	7.9	8.2	8.0	7.8	7.6	7.4	7.3
82.5°	13.7	13.8	13.9	13.9	13.9	13.8	13.7	13.6	13.5	13.3	12.9
80°	20.9	21.0	21.3	21.6	21.3	21.0	20.9	20.7	20.4	20.1	19.6
77.5°	28.3	28.6	28.8	28.8	28.8	28.6	28.3	27.9	27.5	27.0	26.6
75°	36.1	36.3	36.9	37.5	36.9	36.3	36.1	35.8	35.3	34.8	34.2
72.5°	44.2	44.5	44.9	45.2	44.9	44.5	44.2	43.8	43.3	42.7	42.0
70°	51.9	52.2	52.3	52.4	52.3	52.2	51.9	51.4	50.9	50.2	49.4
67.5°	59.2	59.4	59.3	59.1	59.3	59.4	59.2	58.8	58.3	57.6	56.6
65°	65.9	66.1	66.0	65.7	66.0	66.1	65.9	65.5	65.0	64.3	63.4
62.5°	72.0	72.2	72.3	72.4	72.3	72.2	72.0	71.6	71.1	70.4	69.4
60°	77.8	78.3	78.5	78.6	78.5	78.3	77.8	77.2	76.5	75.6	74.6
57.5°	80.6	80.9	81.1	81.1	81.1	80.9	80.6	80.2	79.8	79.2	78.5
55°	82.6	82.7	82.5	82.2	82.5	82.7	82.6	82.5	82.2	81.9	81.4
52.5°	84.6	84.3	84.2	84.2	84.2	84.3	84.6	84.8	84.8	84.7	84.3
50°	87.9	87.5	87.2	87.3	87.2	87.5	87.9	88.2	88.5	88.6	88.3
47.5°	93.5	93.7	93.9	94.0	93.9	93.7	93.5	93.1	93.4	93.8	93.9
45°	101.3	102.1	102.5	102.7	102.5	102.1	101.3	100.3	99.9	99.9	99.9
42.5°	112.4	113.3	113.6	113.5	113.6	113.3	112.4	110.9	109.3	107.5	106.0
40°	125.7	127.4	128.4	128.4	128.4	127.4	125.7	123.5	121.5	118.7	115.7
37.5°	142.2	144.6	145.7	145.3	145.7	144.6	142.2	139.2	135.9	131.4	127.4
35°	163.1	165.4	166.3	167.4	166.3	165.4	163.1	159.5	154.8	149.0	142.5
32.5°	196.3	201.0	202.8	200.3	202.8	201.0	196.3	188.8	179.4	169.9	160.8
30°	266.9	283.9	295.3	301.0	295.3	283.9	266.9	247.7	219.3	200.8	184.5
27.5°	477.1	521.8	540.7	551.1	540.7	521.8	477.1	409.7	311.7	275.3	226.5
25°	882.1	977.4	1032.2	1027.7	1032.2	977.4	882.1	751.0	597.9	465.4	323.9
22.5°	1478.4	1628.7	1718.8	1751.9	1718.8	1628.7	1478.4	1258.8	1022.4	790.3	571.7
20°	2217.6	2386.1	2474.2	2487.4	2474.2	2386.1	2217.6	1943.6	1615.5	1236.0	925.2
17.5°	3065.9	3225.7	3318.5	3317.4	3318.5	3225.7	3065.9	2743.5	2333.9	1846.0	1365.2
15°	4375.7	4993.9	5342.6	5291.7	5342.6	4993.9	4375.7	3659.1	3133.0	2516.2	1860.7
12.5°	7169.8	9639.3	11171.1	11549.4	11171.1	9639.3	7169.8	5355.7	4017.6	3172.4	2386.0
10°	12670.0	16364.6	19315.1	20167.7	19315.1	16364.6	12670.0	8636.4	5473.1	3780.9	2827.2
7.5°	18225.1	22609.8	24414.4	24624.0	24414.4	22609.8	18225.1	12804.4	7481.4	4638.4	3204.5
5°	22417.9	26879.6	27396.1	26098.8	27396.1	26879.6	22417.9	16345.6	9936.2	5513.2	3453.0
2.5°	25185.6	28556.4	29037.9	28339.7	29037.9	28556.4	25185.6	18865.6	11356.1	6100.6	3620.2
0°	25816.8	28110.6	28794.4	28869.2	28794.4	28110.6	25816.8	19763.5	11910.5	6301.9	3665.1
-2.5°	25185.6	28556.4	29037.9	28339.7	29037.9	28556.4	25185.6	18865.6	11356.1	6100.6	3620.2
-5°	22417.9	26879.6	27396.1	26098.8	27396.1	26879.6	22417.9	16345.6	9936.2	5513.2	3453.0
-7.5°	18225.1	22609.8	24414.4	24624.0	24414.4	22609.8	18225.1	12804.4	7481.4	4638.4	3204.5
-10°	12670.0	16364.6	19315.1	20167.7	19315.1	16364.6	12670.0	8636.4	5473.1	3780.9	2827.2
-12.5°	7169.8	9639.3	11171.1	11549.4	11171.1	9639.3	7169.8	5355.7	4017.6	3172.4	2386.0
-15°	4375.7	4993.9	5342.6	5291.7	5342.6	4993.9	4375.7	3659.1	3133.0	2516.2	1860.7
-17.5°	3065.9	3225.7	3318.5	3317.4	3318.5	3225.7	3065.9	2743.5	2333.9	1846.0	1365.2
-20°	2217.6	2386.1	2474.2	2487.4	2474.2	2386.1	2217.6	1943.6	1615.5	1236.0	925.2



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	1478.4	1628.7	1718.8	1751.9	1718.8	1628.7	1478.4	1258.8	1022.4	790.3	571.7
-25°	882.1	977.4	1032.2	1027.7	1032.2	977.4	882.1	751.0	597.9	465.4	323.9
-27.5°	477.1	521.8	540.7	551.1	540.7	521.8	477.1	409.7	311.7	275.3	226.5
-30°	266.9	283.9	295.3	301.0	295.3	283.9	266.9	247.7	219.3	200.8	184.5
-32.5°	196.3	201.0	202.8	200.3	202.8	201.0	196.3	188.8	179.4	169.9	160.8
-35°	163.1	165.4	166.3	167.4	166.3	165.4	163.1	159.5	154.8	149.0	142.5
-37.5°	142.2	144.6	145.7	145.3	145.7	144.6	142.2	139.2	135.9	131.4	127.4
-40°	125.7	127.4	128.4	128.4	128.4	127.4	125.7	123.5	121.5	118.7	115.7
-42.5°	112.4	113.3	113.6	113.5	113.6	113.3	112.4	110.9	109.3	107.5	106.0
-45°	101.3	102.1	102.5	102.7	102.5	102.1	101.3	100.3	99.9	99.9	99.9
-47.5°	93.5	93.7	93.9	94.0	93.9	93.7	93.5	93.1	93.4	93.8	93.9
-50°	87.9	87.5	87.2	87.3	87.2	87.5	87.9	88.2	88.5	88.6	88.3
-52.5°	84.6	84.3	84.2	84.2	84.2	84.3	84.6	84.8	84.8	84.7	84.3
-55°	82.6	82.7	82.5	82.2	82.5	82.7	82.6	82.5	82.2	81.9	81.4
-57.5°	80.6	80.9	81.1	81.1	81.1	80.9	80.6	80.2	79.8	79.2	78.5
-60°	77.8	78.3	78.5	78.6	78.5	78.3	77.8	77.2	76.5	75.6	74.6
-62.5°	72.0	72.2	72.3	72.4	72.3	72.2	72.0	71.6	71.1	70.4	69.4
-65°	65.9	66.1	66.0	65.7	66.0	66.1	65.9	65.5	65.0	64.3	63.4
-67.5°	59.2	59.4	59.3	59.1	59.3	59.4	59.2	58.8	58.3	57.6	56.6
-70°	51.9	52.2	52.3	52.4	52.3	52.2	51.9	51.4	50.9	50.2	49.4
-72.5°	44.2	44.5	44.9	45.2	44.9	44.5	44.2	43.8	43.3	42.7	42.0
-75°	36.1	36.3	36.9	37.5	36.9	36.3	36.1	35.8	35.3	34.8	34.2
-77.5°	28.3	28.6	28.8	28.8	28.8	28.6	28.3	27.9	27.5	27.0	26.6
-80°	20.9	21.0	21.3	21.6	21.3	21.0	20.9	20.7	20.4	20.1	19.6
-82.5°	13.7	13.8	13.9	13.9	13.9	13.8	13.7	13.6	13.5	13.3	12.9
-85°	8.0	8.2	7.9	7.7	7.9	8.2	8.0	7.8	7.6	7.4	7.3
-87.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.7	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
85°	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.7	5.4	5.1	4.8
82.5°	12.6	12.2	11.8	11.5	11.1	10.7	10.3	9.8	9.3	8.7	8.0
80°	19.0	18.4	17.8	17.4	16.8	16.2	15.5	14.8	14.1	13.4	12.7
77.5°	26.2	25.6	24.9	24.2	23.4	22.6	21.8	20.8	19.7	18.7	17.7
75°	33.6	32.9	32.1	31.2	30.2	29.2	28.0	26.8	25.5	24.2	22.8
72.5°	41.1	40.2	39.2	38.2	37.1	35.9	34.6	33.2	31.6	29.9	28.2
70°	48.5	47.5	46.4	45.2	43.8	42.4	41.0	39.5	37.9	36.1	34.0
67.5°	55.6	54.4	53.3	51.9	50.4	48.8	47.2	45.5	43.7	41.8	39.6
65°	62.3	61.0	59.8	58.4	56.9	55.1	53.3	51.4	49.4	47.2	44.8
62.5°	68.4	67.4	66.1	64.5	62.9	61.2	59.3	57.1	54.9	52.6	50.0
60°	73.5	72.4	71.2	69.8	68.3	66.6	64.6	62.4	60.2	57.6	54.9
57.5°	77.6	76.6	75.4	74.2	72.8	71.2	69.3	67.3	64.9	62.3	59.6
55°	80.7	80.0	79.0	77.9	76.6	75.0	73.4	71.4	69.2	66.8	63.9
52.5°	83.6	82.9	82.1	81.2	79.9	78.4	76.8	74.9	72.9	70.5	67.9
50°	87.7	86.3	85.0	83.9	82.7	81.3	79.6	78.0	76.1	73.9	71.4
47.5°	92.9	90.7	88.5	86.8	85.4	83.8	82.2	80.5	78.8	76.8	74.3
45°	98.3	95.7	92.9	90.6	88.3	86.5	84.8	83.1	81.3	79.3	77.0
42.5°	104.0	101.3	98.1	95.1	92.0	89.6	87.4	85.6	83.6	81.6	79.3
40°	112.1	107.9	104.5	100.5	96.7	93.1	90.7	88.2	86.1	83.8	81.5
37.5°	122.8	117.9	112.6	107.5	102.6	98.0	94.5	91.5	88.7	86.2	83.6
35°	135.1	128.8	122.2	115.7	109.7	104.0	99.1	95.1	91.8	88.7	85.7
32.5°	151.3	142.1	133.4	125.3	117.4	110.4	104.4	99.4	95.3	91.7	88.2
30°	169.1	157.1	145.7	136.2	126.6	117.7	109.8	103.8	99.0	94.9	90.8
27.5°	197.9	174.8	160.2	147.2	136.1	125.8	116.3	107.7	102.4	98.1	93.6
25°	260.4	205.4	178.7	161.2	146.7	133.5	122.7	112.9	105.5	100.8	95.2
22.5°	380.1	275.4	206.6	176.1	158.5	142.7	129.2	118.1	108.0	102.0	96.2
20°	617.3	382.5	264.6	200.8	171.4	151.6	135.7	123.2	112.0	103.4	96.9
17.5°	938.0	590.6	337.9	232.9	188.7	162.8	143.0	127.9	115.6	104.8	97.4
15°	1281.5	826.9	491.7	293.4	206.9	172.2	149.1	132.2	118.9	107.1	98.5
12.5°	1673.3	1074.2	633.5	342.5	228.3	182.7	155.8	137.0	122.3	109.7	100.2
10°	2024.2	1324.1	797.1	444.3	264.2	193.3	162.0	141.2	125.4	111.9	101.5
7.5°	2310.3	1559.9	945.1	520.3	291.2	201.6	167.2	144.7	127.9	113.5	102.4
5°	2493.2	1733.8	1063.0	577.1	310.0	207.2	170.8	147.4	129.9	114.5	103.0
2.5°	2622.7	1849.0	1137.5	610.2	320.0	210.2	173.3	149.0	131.3	115.8	104.1
0°	2629.1	1888.0	1162.8	638.9	322.0	211.1	175.1	149.5	132.0	116.6	104.8
-2.5°	2622.7	1849.0	1137.5	610.2	320.0	210.2	173.3	149.0	131.3	115.8	104.1
-5°	2493.2	1733.8	1063.0	577.1	310.0	207.2	170.8	147.4	129.9	114.5	103.0
-7.5°	2310.3	1559.9	945.1	520.3	291.2	201.6	167.2	144.7	127.9	113.5	102.4
-10°	2024.2	1324.1	797.1	444.3	264.2	193.3	162.0	141.2	125.4	111.9	101.5
-12.5°	1673.3	1074.2	633.5	342.5	228.3	182.7	155.8	137.0	122.3	109.7	100.2
-15°	1281.5	826.9	491.7	293.4	206.9	172.2	149.1	132.2	118.9	107.1	98.5
-17.5°	938.0	590.6	337.9	232.9	188.7	162.8	143.0	127.9	115.6	104.8	97.4
-20°	617.3	382.5	264.6	200.8	171.4	151.6	135.7	123.2	112.0	103.4	96.9



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	380.1	275.4	206.6	176.1	158.5	142.7	129.2	118.1	108.0	102.0	96.2
-25°	260.4	205.4	178.7	161.2	146.7	133.5	122.7	112.9	105.5	100.8	95.2
-27.5°	197.9	174.8	160.2	147.2	136.1	125.8	116.3	107.7	102.4	98.1	93.6
-30°	169.1	157.1	145.7	136.2	126.6	117.7	109.8	103.8	99.0	94.9	90.8
-32.5°	151.3	142.1	133.4	125.3	117.4	110.4	104.4	99.4	95.3	91.7	88.2
-35°	135.1	128.8	122.2	115.7	109.7	104.0	99.1	95.1	91.8	88.7	85.7
-37.5°	122.8	117.9	112.6	107.5	102.6	98.0	94.5	91.5	88.7	86.2	83.6
-40°	112.1	107.9	104.5	100.5	96.7	93.1	90.7	88.2	86.1	83.8	81.5
-42.5°	104.0	101.3	98.1	95.1	92.0	89.6	87.4	85.6	83.6	81.6	79.3
-45°	98.3	95.7	92.9	90.6	88.3	86.5	84.8	83.1	81.3	79.3	77.0
-47.5°	92.9	90.7	88.5	86.8	85.4	83.8	82.2	80.5	78.8	76.8	74.3
-50°	87.7	86.3	85.0	83.9	82.7	81.3	79.6	78.0	76.1	73.9	71.4
-52.5°	83.6	82.9	82.1	81.2	79.9	78.4	76.8	74.9	72.9	70.5	67.9
-55°	80.7	80.0	79.0	77.9	76.6	75.0	73.4	71.4	69.2	66.8	63.9
-57.5°	77.6	76.6	75.4	74.2	72.8	71.2	69.3	67.3	64.9	62.3	59.6
-60°	73.5	72.4	71.2	69.8	68.3	66.6	64.6	62.4	60.2	57.6	54.9
-62.5°	68.4	67.4	66.1	64.5	62.9	61.2	59.3	57.1	54.9	52.6	50.0
-65°	62.3	61.0	59.8	58.4	56.9	55.1	53.3	51.4	49.4	47.2	44.8
-67.5°	55.6	54.4	53.3	51.9	50.4	48.8	47.2	45.5	43.7	41.8	39.6
-70°	48.5	47.5	46.4	45.2	43.8	42.4	41.0	39.5	37.9	36.1	34.0
-72.5°	41.1	40.2	39.2	38.2	37.1	35.9	34.6	33.2	31.6	29.9	28.2
-75°	33.6	32.9	32.1	31.2	30.2	29.2	28.0	26.8	25.5	24.2	22.8
-77.5°	26.2	25.6	24.9	24.2	23.4	22.6	21.8	20.8	19.7	18.7	17.7
-80°	19.0	18.4	17.8	17.4	16.8	16.2	15.5	14.8	14.1	13.4	12.7
-82.5°	12.6	12.2	11.8	11.5	11.1	10.7	10.3	9.8	9.3	8.7	8.0
-85°	7.1	6.9	6.7	6.6	6.4	6.2	6.0	5.7	5.4	5.1	4.8
-87.5°	2.7	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.4	2.3	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	0.9
85°	4.6	4.3	4.1	3.8	3.4	3.1	2.9	2.6	2.4	2.1	1.9
82.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.0	4.4	3.8	3.2	2.8
80°	11.9	11.1	10.3	9.5	8.7	7.9	7.3	6.6	5.7	4.9	4.0
77.5°	16.5	15.3	14.1	13.0	11.9	10.9	9.8	8.7	7.6	6.5	5.4
75°	21.3	19.9	18.4	16.9	15.3	13.7	12.4	11.1	9.6	8.1	6.8
72.5°	26.5	24.8	22.9	20.9	19.1	17.2	15.3	13.4	11.8	10.1	8.2
70°	31.9	29.8	27.7	25.4	23.0	20.7	18.5	16.2	14.0	12.0	10.0
67.5°	37.2	34.7	32.3	29.7	27.1	24.3	21.7	19.1	16.6	14.0	11.7
65°	42.3	39.6	36.7	33.9	31.0	28.0	25.0	22.0	19.1	16.2	13.4
62.5°	47.3	44.4	41.3	38.0	34.8	31.5	28.2	25.0	21.6	18.5	15.3
60°	52.1	49.0	45.7	42.1	38.5	35.0	31.4	27.9	24.3	20.7	17.2
57.5°	56.6	53.5	49.9	46.1	42.3	38.4	34.5	30.7	26.8	22.9	19.1
55°	60.9	57.6	53.9	49.9	45.8	41.7	37.6	33.5	29.4	25.1	20.9
52.5°	64.9	61.4	57.6	53.6	49.3	44.9	40.7	36.2	31.8	27.3	22.8
50°	68.5	65.0	61.1	56.9	52.6	48.1	43.6	38.9	34.2	29.4	24.7
47.5°	71.6	68.2	64.3	60.1	55.6	51.1	46.4	41.6	36.4	31.4	26.5
45°	74.2	71.1	67.3	63.0	58.6	54.0	49.1	44.2	38.8	33.4	28.2
42.5°	76.8	73.7	70.0	65.8	61.4	56.7	51.6	46.5	41.0	35.3	29.9
40°	78.9	76.0	72.6	68.4	64.1	59.4	54.1	48.7	43.2	37.2	31.5
37.5°	81.0	78.1	74.7	71.1	66.7	61.8	56.4	50.7	45.2	39.0	33.0
35°	82.9	79.9	77.0	73.4	69.1	64.1	58.7	52.7	46.9	40.7	34.5
32.5°	84.8	81.7	78.7	75.4	71.4	66.4	60.8	54.6	48.5	42.3	35.8
30°	86.9	83.3	80.3	77.2	73.4	68.4	62.6	56.3	50.0	43.8	37.1
27.5°	88.6	84.5	81.7	78.7	75.0	70.3	64.3	57.9	51.4	45.2	38.3
25°	89.9	85.8	82.7	79.9	76.5	71.8	65.8	59.3	52.7	46.3	39.4
22.5°	91.0	86.8	83.5	81.0	77.8	73.2	67.1	60.5	53.9	47.4	40.4
20°	91.6	87.6	84.1	81.9	78.9	74.2	68.2	61.6	54.9	48.3	41.3
17.5°	91.9	88.1	84.8	82.5	79.8	75.2	69.1	62.5	55.8	49.1	42.1
15°	92.7	88.7	85.4	83.0	80.5	76.2	70.0	63.3	56.5	49.9	42.8
12.5°	93.6	89.1	85.8	83.4	81.1	77.2	70.7	64.0	57.1	50.5	43.4
10°	94.4	89.3	86.0	83.7	81.5	78.1	71.2	64.5	57.7	51.0	43.9
7.5°	95.0	89.5	86.1	83.9	81.9	78.8	71.7	64.9	58.2	51.4	44.2
5°	95.5	89.6	86.1	84.1	82.2	79.2	72.1	65.2	58.6	51.7	44.5
2.5°	95.9	89.5	86.0	84.2	82.5	79.5	72.3	65.3	58.9	51.8	44.6
0°	96.0	89.4	85.8	84.2	82.7	79.6	72.4	65.2	59.1	51.9	44.7
-2.5°	95.9	89.5	86.0	84.2	82.5	79.5	72.3	65.3	58.9	51.8	44.6
-5°	95.5	89.6	86.1	84.1	82.2	79.2	72.1	65.2	58.6	51.7	44.5
-7.5°	95.0	89.5	86.1	83.9	81.9	78.8	71.7	64.9	58.2	51.4	44.2
-10°	94.4	89.3	86.0	83.7	81.5	78.1	71.2	64.5	57.7	51.0	43.9
-12.5°	93.6	89.1	85.8	83.4	81.1	77.2	70.7	64.0	57.1	50.5	43.4
-15°	92.7	88.7	85.4	83.0	80.5	76.2	70.0	63.3	56.5	49.9	42.8
-17.5°	91.9	88.1	84.8	82.5	79.8	75.2	69.1	62.5	55.8	49.1	42.1
-20°	91.6	87.6	84.1	81.9	78.9	74.2	68.2	61.6	54.9	48.3	41.3



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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°	91.0	86.8	83.5	81.0	77.8	73.2	67.1	60.5	53.9	47.4	40.4
-25°	89.9	85.8	82.7	79.9	76.5	71.8	65.8	59.3	52.7	46.3	39.4
-27.5°	88.6	84.5	81.7	78.7	75.0	70.3	64.3	57.9	51.4	45.2	38.3
-30°	86.9	83.3	80.3	77.2	73.4	68.4	62.6	56.3	50.0	43.8	37.1
-32.5°	84.8	81.7	78.7	75.4	71.4	66.4	60.8	54.6	48.5	42.3	35.8
-35°	82.9	79.9	77.0	73.4	69.1	64.1	58.7	52.7	46.9	40.7	34.5
-37.5°	81.0	78.1	74.7	71.1	66.7	61.8	56.4	50.7	45.2	39.0	33.0
-40°	78.9	76.0	72.6	68.4	64.1	59.4	54.1	48.7	43.2	37.2	31.5
-42.5°	76.8	73.7	70.0	65.8	61.4	56.7	51.6	46.5	41.0	35.3	29.9
-45°	74.2	71.1	67.3	63.0	58.6	54.0	49.1	44.2	38.8	33.4	28.2
-47.5°	71.6	68.2	64.3	60.1	55.6	51.1	46.4	41.6	36.4	31.4	26.5
-50°	68.5	65.0	61.1	56.9	52.6	48.1	43.6	38.9	34.2	29.4	24.7
-52.5°	64.9	61.4	57.6	53.6	49.3	44.9	40.7	36.2	31.8	27.3	22.8
-55°	60.9	57.6	53.9	49.9	45.8	41.7	37.6	33.5	29.4	25.1	20.9
-57.5°	56.6	53.5	49.9	46.1	42.3	38.4	34.5	30.7	26.8	22.9	19.1
-60°	52.1	49.0	45.7	42.1	38.5	35.0	31.4	27.9	24.3	20.7	17.2
-62.5°	47.3	44.4	41.3	38.0	34.8	31.5	28.2	25.0	21.6	18.5	15.3
-65°	42.3	39.6	36.7	33.9	31.0	28.0	25.0	22.0	19.1	16.2	13.4
-67.5°	37.2	34.7	32.3	29.7	27.1	24.3	21.7	19.1	16.6	14.0	11.7
-70°	31.9	29.8	27.7	25.4	23.0	20.7	18.5	16.2	14.0	12.0	10.0
-72.5°	26.5	24.8	22.9	20.9	19.1	17.2	15.3	13.4	11.8	10.1	8.2
-75°	21.3	19.9	18.4	16.9	15.3	13.7	12.4	11.1	9.6	8.1	6.8
-77.5°	16.5	15.3	14.1	13.0	11.9	10.9	9.8	8.7	7.6	6.5	5.4
-80°	11.9	11.1	10.3	9.5	8.7	7.9	7.3	6.6	5.7	4.9	4.0
-82.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.0	4.4	3.8	3.2	2.8
-85°	4.6	4.3	4.1	3.8	3.4	3.1	2.9	2.6	2.4	2.1	1.9
-87.5°	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.1	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: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-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	0.7	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
77.5°	4.4	3.5	2.7	2.0	1.3	0.7	0.0
75°	5.6	4.5	3.2	2.4	1.6	0.8	0.0
72.5°	6.7	5.4	4.1	2.8	1.9	0.9	0.0
70°	7.9	6.4	4.9	3.2	2.1	1.1	0.0
67.5°	9.4	7.4	5.7	3.8	2.4	1.2	0.0
65°	10.9	8.5	6.4	4.4	2.6	1.3	0.0
62.5°	12.3	9.7	7.2	5.0	2.9	1.4	0.0
60°	13.7	10.8	8.0	5.6	3.1	1.5	0.0
57.5°	15.3	11.9	8.9	6.2	3.5	1.7	0.0
55°	16.9	13.0	9.7	6.7	3.8	1.8	0.0
52.5°	18.4	14.1	10.6	7.3	4.2	1.9	0.0
50°	19.9	15.3	11.4	7.8	4.6	2.0	0.0
47.5°	21.3	16.5	12.1	8.3	4.9	2.1	0.0
45°	22.8	17.7	12.9	8.9	5.2	2.2	0.0
42.5°	24.3	18.7	13.6	9.4	5.5	2.3	0.0
40°	25.7	19.8	14.3	9.9	5.8	2.4	0.0
37.5°	27.0	20.8	15.1	10.4	6.1	2.5	0.0
35°	28.3	21.8	15.9	10.8	6.4	2.5	0.0
32.5°	29.5	22.8	16.6	11.2	6.6	2.6	0.0
30°	30.6	23.7	17.2	11.6	6.8	2.7	0.0
27.5°	31.6	24.6	17.8	12.0	7.0	2.7	0.0
25°	32.5	25.4	18.4	12.3	7.2	2.8	0.0
22.5°	33.4	26.1	19.0	12.6	7.4	2.9	0.0
20°	34.1	26.8	19.5	12.9	7.6	2.9	0.0
17.5°	34.8	27.4	19.9	13.1	7.7	3.0	0.0
15°	35.4	27.9	20.3	13.3	7.9	3.0	0.0
12.5°	35.9	28.3	20.7	13.5	8.0	3.0	0.0
10°	36.3	28.7	21.0	13.6	8.0	3.1	0.0
7.5°	36.6	29.0	21.2	13.8	8.1	3.1	0.0
5°	36.8	29.1	21.4	13.8	8.2	3.1	0.0
2.5°	37.0	29.3	21.5	13.9	8.2	3.1	0.0
0°	37.0	29.3	21.6	13.9	8.2	3.1	0.0
-2.5°	37.0	29.3	21.6	13.9	8.2	3.1	0.0
-5°	36.8	29.1	21.4	13.8	8.2	3.1	0.0
-7.5°	36.6	29.0	21.2	13.8	8.1	3.1	0.0
-10°	36.3	28.7	21.0	13.6	8.0	3.1	0.0
-12.5°	35.9	28.3	20.7	13.5	8.0	3.0	0.0
-15°	35.4	27.9	20.3	13.3	7.9	3.0	0.0
-17.5°	34.8	27.4	19.9	13.1	7.7	3.0	0.0
-20°	34.1	26.8	19.5	12.9	7.6	2.9	0.0



REPORT NUMBER: P558583 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.4	26.1	19.0	12.6	7.4	2.9	0.0
-25°	32.5	25.4	18.4	12.3	7.2	2.8	0.0
-27.5°	31.6	24.6	17.8	12.0	7.0	2.7	0.0
-30°	30.6	23.7	17.2	11.6	6.8	2.7	0.0
-32.5°	29.5	22.8	16.6	11.2	6.6	2.6	0.0
-35°	28.3	21.8	15.9	10.8	6.4	2.5	0.0
-37.5°	27.0	20.8	15.1	10.4	6.1	2.5	0.0
-40°	25.7	19.8	14.3	9.9	5.8	2.4	0.0
-42.5°	24.3	18.7	13.6	9.4	5.5	2.3	0.0
-45°	22.8	17.7	12.9	8.9	5.2	2.2	0.0
-47.5°	21.3	16.5	12.1	8.3	4.9	2.1	0.0
-50°	19.9	15.3	11.4	7.8	4.6	2.0	0.0
-52.5°	18.4	14.1	10.6	7.3	4.2	1.9	0.0
-55°	16.9	13.0	9.7	6.7	3.8	1.8	0.0
-57.5°	15.3	11.9	8.9	6.2	3.5	1.7	0.0
-60°	13.7	10.8	8.0	5.6	3.1	1.5	0.0
-62.5°	12.3	9.7	7.2	5.0	2.9	1.4	0.0
-65°	10.9	8.5	6.4	4.4	2.6	1.3	0.0
-67.5°	9.4	7.4	5.7	3.8	2.4	1.2	0.0
-70°	7.9	6.4	4.9	3.2	2.1	1.1	0.0
-72.5°	6.7	5.4	4.1	2.8	1.9	0.9	0.0
-75°	5.6	4.5	3.2	2.4	1.6	0.8	0.0
-77.5°	4.4	3.5	2.7	2.0	1.3	0.7	0.0
-80°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	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)