

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: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558567 (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-930-U-NR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

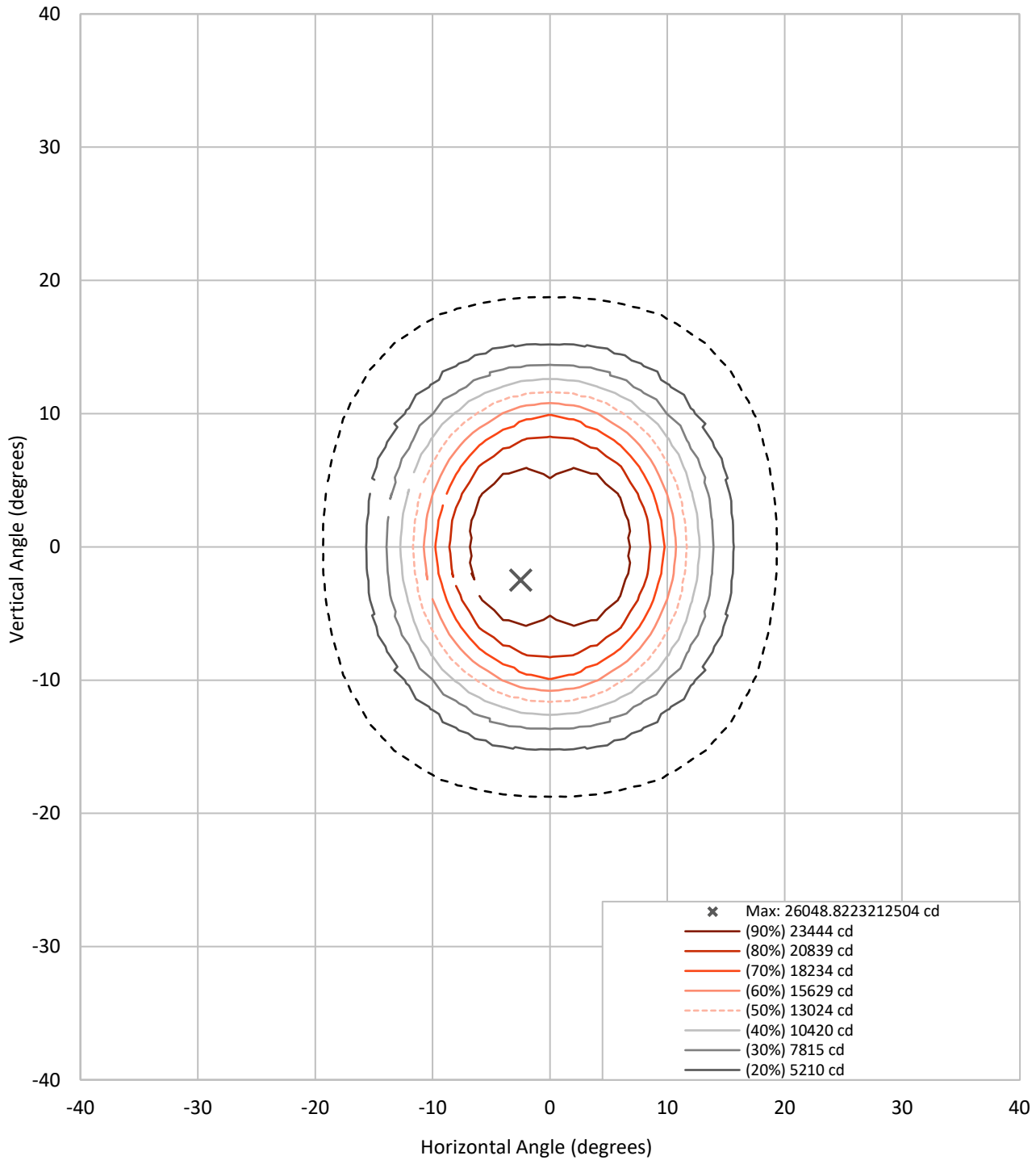
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4925.8 lumens	Max Intensity:	26048.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	89.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2659.3 lumens	Field Lumens:	4010.3 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





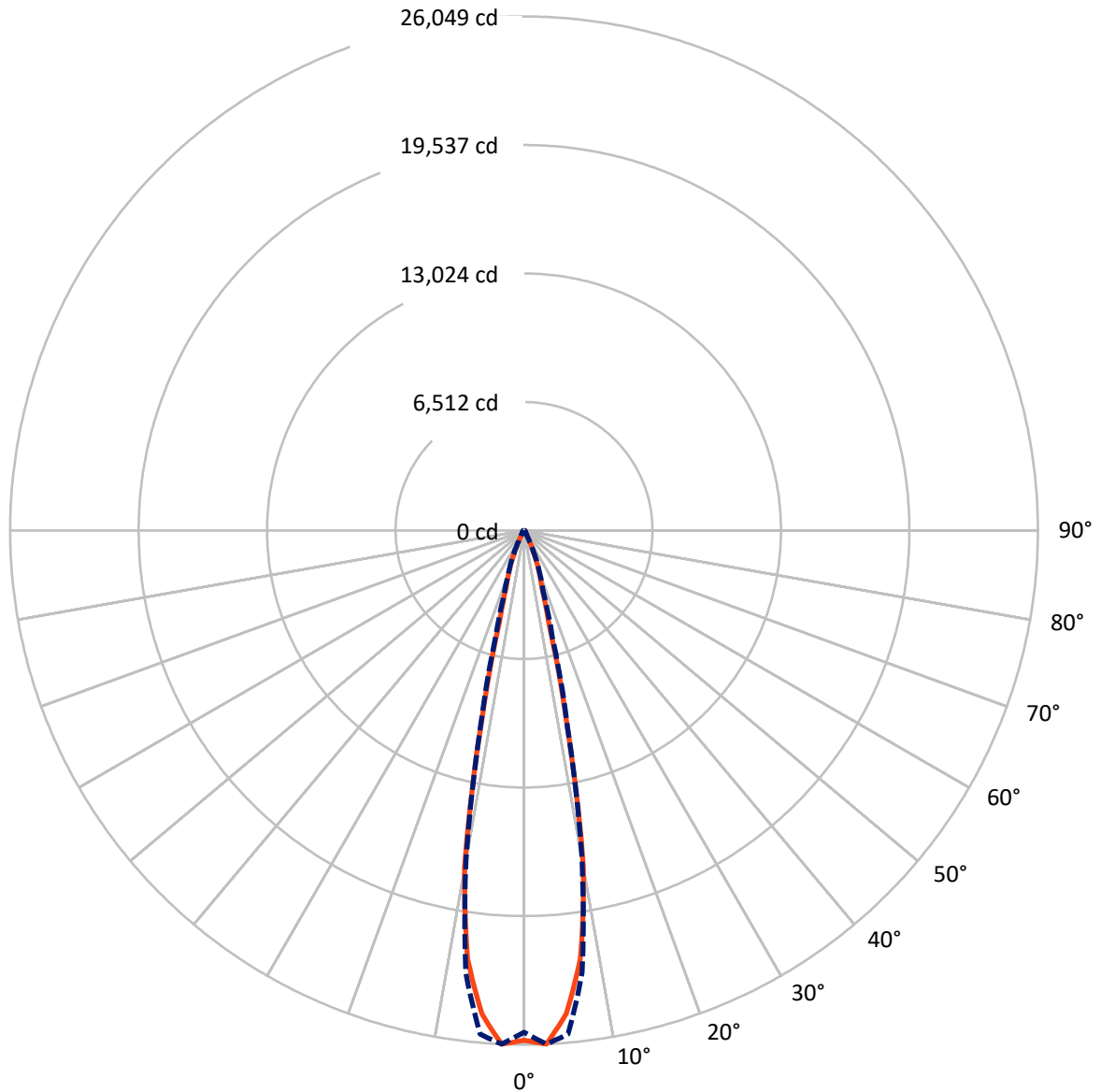
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### Lumen Table

90	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1
80	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1
70	0.2	0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3	0.2
60		0.4	0.8	1.2	1.6	1.9	2.2	2.2	2.2	2.2	1.9	1.6	1.2	0.8	0.4	
50	0.4	0.5	1.0	1.5	1.9	2.3	2.7	2.8	2.8	2.7	2.3	1.9	1.5	1.0	0.5	0.4
40		0.6	1.1	1.7	2.2	3.1	4.0	4.8	4.8	4.0	3.1	2.2	1.7	1.1	0.6	
30	0.6	0.7	1.2	1.8	2.8	5.0	15.1	29.5	29.5	15.1	5.0	2.8	1.8	1.2	0.7	0.6
20		0.7	1.3	2.0	3.5	14.9	69.0	177.3	177.3	69.0	14.9	3.5	2.0	1.3	0.7	
10	0.6	0.8	1.3	2.0	4.2	29.1	179.6	634.4	634.4	179.6	29.1	4.2	2.0	1.3	0.8	0.6
0		0.8	1.3	2.0	4.2	29.1	179.6	634.4	634.4	179.6	29.1	4.2	2.0	1.3	0.8	
-10	0.6	0.7	1.3	2.0	3.5	14.9	69.0	177.3	177.3	69.0	14.9	3.5	2.0	1.3	0.7	0.6
-20		0.7	1.2	1.8	2.8	5.0	15.1	29.5	29.5	15.1	5.0	2.8	1.8	1.2	0.7	
-30	0.4	0.6	1.1	1.7	2.2	3.1	4.0	4.8	4.8	4.0	3.1	2.2	1.7	1.1	0.6	0.4
-40		0.5	1.0	1.5	1.9	2.3	2.7	2.8	2.8	2.7	2.3	1.9	1.5	1.0	0.5	
-50	0.2	0.4	0.8	1.2	1.6	1.9	2.2	2.2	2.2	2.2	1.9	1.6	1.2	0.8	0.4	0.2
-60		0.3	0.5	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.5	1.2	0.9	0.5	0.3	
-70	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1
-80		0.5		1.3		2.1		2.5		2.1		1.3		0.5		
-90	0.1	0.5		1.3		2.1		2.5		2.1		1.3		0.5		0.1

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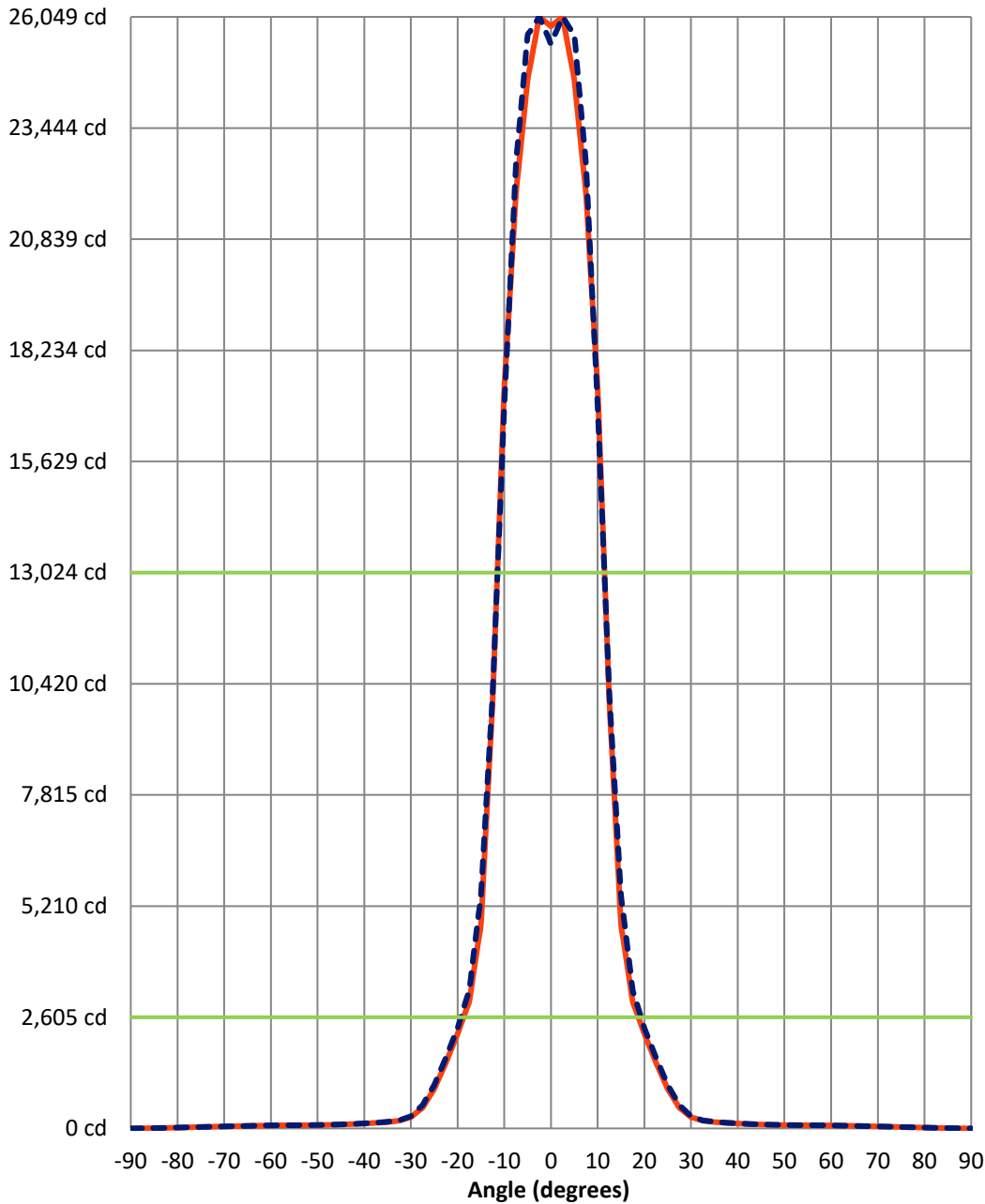
### Luminous Intensity Polar Plot



— 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: 2659.3  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 4010.3  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 915.5  
 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	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.4	4.0
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.6	4.4	5.1	5.9
77.5°	0.0	0.6	1.2	1.8	2.4	3.1	4.0	4.9	5.8	6.8	7.9
75°	0.0	0.7	1.4	2.2	2.9	4.0	5.0	6.1	7.3	8.7	9.9
72.5°	0.0	0.8	1.7	2.5	3.7	4.9	6.0	7.4	9.0	10.6	12.0
70°	0.0	1.0	1.9	2.9	4.4	5.8	7.1	8.9	10.7	12.5	14.5
67.5°	0.0	1.1	2.1	3.5	5.1	6.6	8.4	10.5	12.5	14.8	17.1
65°	0.0	1.2	2.4	4.0	5.8	7.6	9.7	12.0	14.5	17.1	19.7
62.5°	0.0	1.3	2.6	4.5	6.5	8.7	11.0	13.7	16.5	19.4	22.4
60°	0.0	1.4	2.8	5.0	7.2	9.7	12.3	15.4	18.5	21.7	25.0
57.5°	0.0	1.5	3.1	5.6	8.0	10.7	13.7	17.1	20.5	24.0	27.5
55°	0.0	1.6	3.5	6.1	8.7	11.6	15.1	18.7	22.5	26.3	30.0
52.5°	0.0	1.7	3.8	6.5	9.5	12.6	16.5	20.4	24.5	28.5	32.4
50°	0.0	1.8	4.1	7.0	10.2	13.7	17.8	22.1	26.4	30.6	34.9
47.5°	0.0	1.9	4.4	7.5	10.8	14.8	19.1	23.7	28.2	32.7	37.3
45°	0.0	2.0	4.7	8.0	11.5	15.8	20.5	25.3	30.0	34.8	39.6
42.5°	0.0	2.1	5.0	8.4	12.1	16.8	21.8	26.8	31.7	36.8	41.7
40°	0.0	2.1	5.2	8.9	12.8	17.7	23.0	28.2	33.3	38.8	43.6
37.5°	0.0	2.2	5.5	9.3	13.5	18.6	24.2	29.6	35.0	40.5	45.4
35°	0.0	2.3	5.7	9.7	14.2	19.5	25.4	30.9	36.5	42.1	47.2
32.5°	0.0	2.4	6.0	10.0	14.8	20.4	26.4	32.1	38.0	43.5	48.9
30°	0.0	2.4	6.2	10.4	15.4	21.3	27.4	33.3	39.3	44.8	50.5
27.5°	0.0	2.5	6.4	10.7	16.0	22.0	28.3	34.4	40.5	46.1	51.9
25°	0.0	2.5	6.5	11.0	16.5	22.8	29.2	35.4	41.5	47.3	53.1
22.5°	0.0	2.6	6.7	11.3	17.0	23.4	29.9	36.3	42.5	48.3	54.2
20°	0.0	2.6	6.8	11.5	17.4	24.1	30.6	37.1	43.3	49.2	55.2
17.5°	0.0	2.7	7.0	11.7	17.8	24.6	31.2	37.8	44.0	50.0	56.1
15°	0.0	2.7	7.1	11.9	18.2	25.0	31.8	38.4	44.7	50.6	56.8
12.5°	0.0	2.7	7.2	12.0	18.5	25.4	32.2	38.9	45.2	51.2	57.4
10°	0.0	2.8	7.3	12.2	18.8	25.8	32.6	39.3	45.7	51.7	57.9
7.5°	0.0	2.8	7.3	12.3	19.0	26.0	32.8	39.7	46.0	52.2	58.3
5°	0.0	2.8	7.4	12.3	19.2	26.2	33.0	39.9	46.3	52.6	58.5
2.5°	0.0	2.8	7.4	12.4	19.3	26.3	33.2	40.1	46.4	52.8	58.6
0°	0.0	2.8	7.4	12.4	19.4	26.3	33.2	40.1	46.5	53.0	58.5
-2.5°	0.0	2.8	7.4	12.4	19.4	26.3	33.2	40.1	46.5	53.0	58.5
-5°	0.0	2.8	7.4	12.3	19.2	26.2	33.0	39.9	46.3	52.6	58.5
-7.5°	0.0	2.8	7.3	12.3	19.0	26.0	32.8	39.7	46.0	52.2	58.3
-10°	0.0	2.8	7.3	12.2	18.8	25.8	32.6	39.3	45.7	51.7	57.9
-12.5°	0.0	2.7	7.2	12.0	18.5	25.4	32.2	38.9	45.2	51.2	57.4
-15°	0.0	2.7	7.1	11.9	18.2	25.0	31.8	38.4	44.7	50.6	56.8
-17.5°	0.0	2.7	7.0	11.7	17.8	24.6	31.2	37.8	44.0	50.0	56.1
-20°	0.0	2.6	6.8	11.5	17.4	24.1	30.6	37.1	43.3	49.2	55.2



REPORT NUMBER: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-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	2.6	6.7	11.3	17.0	23.4	29.9	36.3	42.5	48.3	54.2
-25°	0.0	2.5	6.5	11.0	16.5	22.8	29.2	35.4	41.5	47.3	53.1
-27.5°	0.0	2.5	6.4	10.7	16.0	22.0	28.3	34.4	40.5	46.1	51.9
-30°	0.0	2.4	6.2	10.4	15.4	21.3	27.4	33.3	39.3	44.8	50.5
-32.5°	0.0	2.4	6.0	10.0	14.8	20.4	26.4	32.1	38.0	43.5	48.9
-35°	0.0	2.3	5.7	9.7	14.2	19.5	25.4	30.9	36.5	42.1	47.2
-37.5°	0.0	2.2	5.5	9.3	13.5	18.6	24.2	29.6	35.0	40.5	45.4
-40°	0.0	2.1	5.2	8.9	12.8	17.7	23.0	28.2	33.3	38.8	43.6
-42.5°	0.0	2.1	5.0	8.4	12.1	16.8	21.8	26.8	31.7	36.8	41.7
-45°	0.0	2.0	4.7	8.0	11.5	15.8	20.5	25.3	30.0	34.8	39.6
-47.5°	0.0	1.9	4.4	7.5	10.8	14.8	19.1	23.7	28.2	32.7	37.3
-50°	0.0	1.8	4.1	7.0	10.2	13.7	17.8	22.1	26.4	30.6	34.9
-52.5°	0.0	1.7	3.8	6.5	9.5	12.6	16.5	20.4	24.5	28.5	32.4
-55°	0.0	1.6	3.5	6.1	8.7	11.6	15.1	18.7	22.5	26.3	30.0
-57.5°	0.0	1.5	3.1	5.6	8.0	10.7	13.7	17.1	20.5	24.0	27.5
-60°	0.0	1.4	2.8	5.0	7.2	9.7	12.3	15.4	18.5	21.7	25.0
-62.5°	0.0	1.3	2.6	4.5	6.5	8.7	11.0	13.7	16.5	19.4	22.4
-65°	0.0	1.2	2.4	4.0	5.8	7.6	9.7	12.0	14.5	17.1	19.7
-67.5°	0.0	1.1	2.1	3.5	5.1	6.6	8.4	10.5	12.5	14.8	17.1
-70°	0.0	1.0	1.9	2.9	4.4	5.8	7.1	8.9	10.7	12.5	14.5
-72.5°	0.0	0.8	1.7	2.5	3.7	4.9	6.0	7.4	9.0	10.6	12.0
-75°	0.0	0.7	1.4	2.2	2.9	4.0	5.0	6.1	7.3	8.7	9.9
-77.5°	0.0	0.6	1.2	1.8	2.4	3.1	4.0	4.9	5.8	6.8	7.9
-80°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	3.6	4.4	5.1	5.9
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.9	3.4	4.0
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-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°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
85°	2.6	2.8	3.1	3.4	3.7	3.9	4.1	4.3	4.6	4.9	5.1
82.5°	4.5	5.0	5.4	5.7	6.1	6.4	6.7	7.2	7.8	8.3	8.8
80°	6.6	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.0	12.6	13.3
77.5°	8.8	9.7	10.6	11.6	12.6	13.7	14.8	15.8	16.8	17.7	18.6
75°	11.1	12.3	13.7	15.1	16.5	17.8	19.1	20.4	21.7	22.9	24.0
72.5°	13.7	15.4	17.1	18.7	20.5	22.2	23.8	25.2	26.8	28.3	29.7
70°	16.5	18.5	20.6	22.7	24.8	26.7	28.6	30.5	32.3	34.0	35.4
67.5°	19.4	21.8	24.3	26.7	29.0	31.1	33.4	35.5	37.4	39.1	40.8
65°	22.4	25.1	27.8	30.4	32.9	35.5	37.9	40.2	42.3	44.3	46.1
62.5°	25.3	28.2	31.2	34.1	37.0	39.8	42.4	44.9	47.2	49.3	51.2
60°	28.1	31.3	34.5	37.8	41.0	44.0	46.8	49.3	51.7	54.0	56.0
57.5°	30.9	34.4	37.9	41.4	44.8	48.0	50.8	53.5	55.9	58.2	60.4
55°	33.7	37.3	41.1	44.8	48.3	51.6	54.6	57.3	59.9	62.1	64.1
52.5°	36.4	40.2	44.2	48.0	51.6	55.1	58.2	60.9	63.3	65.5	67.3
50°	39.1	43.1	47.1	51.1	54.8	58.3	61.4	64.0	66.3	68.3	69.9
47.5°	41.6	45.8	49.9	53.9	57.7	61.2	64.2	66.7	68.9	70.7	72.2
45°	44.0	48.4	52.6	56.5	60.4	63.8	66.6	69.1	71.1	72.9	74.5
42.5°	46.2	50.8	55.1	59.1	62.8	66.1	68.9	71.2	73.3	75.1	76.8
40°	48.4	53.2	57.5	61.4	65.1	68.2	70.8	73.2	75.2	77.2	79.2
37.5°	50.5	55.4	59.9	63.8	67.0	70.1	72.7	75.0	77.3	79.5	82.1
35°	52.6	57.5	62.0	65.9	69.1	71.7	74.4	76.9	79.6	82.3	85.3
32.5°	54.5	59.5	64.1	67.6	70.6	73.3	76.1	79.1	82.2	85.4	89.1
30°	56.1	61.4	65.9	69.2	72.0	74.7	77.9	81.4	85.1	88.8	93.1
27.5°	57.6	63.1	67.3	70.5	73.3	75.9	79.4	84.0	88.0	91.9	96.6
25°	59.0	64.5	68.6	71.6	74.2	77.0	80.7	85.3	90.4	94.7	101.3
22.5°	60.2	65.7	69.8	72.6	74.9	77.9	81.7	86.3	91.5	96.9	106.0
20°	61.2	66.6	70.8	73.5	75.5	78.6	82.2	86.9	92.7	100.5	110.5
17.5°	62.1	67.5	71.5	74.0	76.2	79.1	82.4	87.3	94.0	103.7	114.7
15°	62.8	68.4	72.2	74.5	76.7	79.5	83.2	88.3	96.0	106.7	118.6
12.5°	63.4	69.3	72.7	74.8	77.0	79.9	84.0	89.9	98.4	109.6	122.8
10°	63.9	70.0	73.1	75.1	77.2	80.1	84.7	91.1	100.4	112.4	126.6
7.5°	64.4	70.7	73.4	75.3	77.2	80.3	85.3	91.9	101.8	114.7	129.8
5°	64.7	71.1	73.7	75.5	77.2	80.3	85.8	92.5	102.7	116.4	132.2
2.5°	64.9	71.3	74.0	75.6	77.1	80.3	86.1	93.4	103.9	117.7	133.6
0°	65.0	71.4	74.2	75.6	76.9	80.2	86.2	94.0	104.6	118.4	134.1
-2.5°	64.9	71.3	74.0	75.6	77.1	80.3	86.1	93.4	103.9	117.7	133.6
-5°	64.7	71.1	73.7	75.5	77.2	80.3	85.8	92.5	102.7	116.4	132.2
-7.5°	64.4	70.7	73.4	75.3	77.2	80.3	85.3	91.9	101.8	114.7	129.8
-10°	63.9	70.0	73.1	75.1	77.2	80.1	84.7	91.1	100.4	112.4	126.6
-12.5°	63.4	69.3	72.7	74.8	77.0	79.9	84.0	89.9	98.4	109.6	122.8
-15°	62.8	68.4	72.2	74.5	76.7	79.5	83.2	88.3	96.0	106.7	118.6
-17.5°	62.1	67.5	71.5	74.0	76.2	79.1	82.4	87.3	94.0	103.7	114.7
-20°	61.2	66.6	70.8	73.5	75.5	78.6	82.2	86.9	92.7	100.5	110.5



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	60.2	65.7	69.8	72.6	74.9	77.9	81.7	86.3	91.5	96.9	106.0
-25°	59.0	64.5	68.6	71.6	74.2	77.0	80.7	85.3	90.4	94.7	101.3
-27.5°	57.6	63.1	67.3	70.5	73.3	75.9	79.4	84.0	88.0	91.9	96.6
-30°	56.1	61.4	65.9	69.2	72.0	74.7	77.9	81.4	85.1	88.8	93.1
-32.5°	54.5	59.5	64.1	67.6	70.6	73.3	76.1	79.1	82.2	85.4	89.1
-35°	52.6	57.5	62.0	65.9	69.1	71.7	74.4	76.9	79.6	82.3	85.3
-37.5°	50.5	55.4	59.9	63.8	67.0	70.1	72.7	75.0	77.3	79.5	82.1
-40°	48.4	53.2	57.5	61.4	65.1	68.2	70.8	73.2	75.2	77.2	79.2
-42.5°	46.2	50.8	55.1	59.1	62.8	66.1	68.9	71.2	73.3	75.1	76.8
-45°	44.0	48.4	52.6	56.5	60.4	63.8	66.6	69.1	71.1	72.9	74.5
-47.5°	41.6	45.8	49.9	53.9	57.7	61.2	64.2	66.7	68.9	70.7	72.2
-50°	39.1	43.1	47.1	51.1	54.8	58.3	61.4	64.0	66.3	68.3	69.9
-52.5°	36.4	40.2	44.2	48.0	51.6	55.1	58.2	60.9	63.3	65.5	67.3
-55°	33.7	37.3	41.1	44.8	48.3	51.6	54.6	57.3	59.9	62.1	64.1
-57.5°	30.9	34.4	37.9	41.4	44.8	48.0	50.8	53.5	55.9	58.2	60.4
-60°	28.1	31.3	34.5	37.8	41.0	44.0	46.8	49.3	51.7	54.0	56.0
-62.5°	25.3	28.2	31.2	34.1	37.0	39.8	42.4	44.9	47.2	49.3	51.2
-65°	22.4	25.1	27.8	30.4	32.9	35.5	37.9	40.2	42.3	44.3	46.1
-67.5°	19.4	21.8	24.3	26.7	29.0	31.1	33.4	35.5	37.4	39.1	40.8
-70°	16.5	18.5	20.6	22.7	24.8	26.7	28.6	30.5	32.3	34.0	35.4
-72.5°	13.7	15.4	17.1	18.7	20.5	22.2	23.8	25.2	26.8	28.3	29.7
-75°	11.1	12.3	13.7	15.1	16.5	17.8	19.1	20.4	21.7	22.9	24.0
-77.5°	8.8	9.7	10.6	11.6	12.6	13.7	14.8	15.8	16.8	17.7	18.6
-80°	6.6	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.0	12.6	13.3
-82.5°	4.5	5.0	5.4	5.7	6.1	6.4	6.7	7.2	7.8	8.3	8.8
-85°	2.6	2.8	3.1	3.4	3.7	3.9	4.1	4.3	4.6	4.9	5.1
-87.5°	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.1	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: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-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°	2.3	2.3	2.2	2.2	2.1	2.2	2.4	2.6	2.7	2.7	2.8
85°	5.4	5.6	5.7	5.9	6.0	6.2	6.4	6.5	6.6	6.8	7.0
82.5°	9.2	9.6	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.0	12.2
80°	13.9	14.5	15.1	15.6	16.0	16.5	17.1	17.6	18.0	18.3	18.5
77.5°	19.5	20.3	21.0	21.7	22.3	22.9	23.4	23.9	24.2	24.6	25.0
75°	25.1	26.1	27.1	28.0	28.8	29.4	30.1	30.6	31.2	31.6	32.0
72.5°	31.0	32.2	33.3	34.2	35.1	36.0	36.9	37.6	38.3	38.8	39.3
70°	36.8	38.1	39.3	40.5	41.6	42.6	43.5	44.3	45.0	45.6	46.1
67.5°	42.3	43.8	45.2	46.6	47.8	48.8	49.8	50.8	51.6	52.3	52.7
65°	47.8	49.4	51.0	52.4	53.6	54.7	55.8	56.8	57.7	58.3	58.7
62.5°	53.2	54.9	56.4	57.9	59.2	60.4	61.4	62.3	63.1	63.8	64.2
60°	57.9	59.8	61.2	62.6	63.9	65.0	66.0	66.9	67.8	68.6	69.2
57.5°	62.2	63.9	65.4	66.6	67.7	68.7	69.6	70.4	71.0	71.5	72.0
55°	65.9	67.3	68.7	69.9	70.9	71.7	72.4	73.0	73.4	73.7	74.0
52.5°	69.0	70.4	71.8	72.9	73.7	74.4	75.0	75.6	76.0	76.0	76.0
50°	71.5	73.0	74.2	75.3	76.3	77.4	78.6	79.2	79.5	79.3	79.1
47.5°	73.8	75.3	76.6	77.9	79.4	81.3	83.3	84.3	84.2	83.7	83.5
45°	76.1	77.7	79.3	81.2	83.3	85.9	88.2	89.6	89.6	89.6	90.0
42.5°	78.4	80.4	82.6	85.3	88.1	90.9	93.3	95.1	96.4	98.1	99.5
40°	81.3	83.5	86.8	90.2	93.8	96.8	100.6	103.8	106.5	108.9	110.8
37.5°	84.7	87.9	92.1	96.4	101.1	105.8	110.2	114.3	117.8	121.8	124.9
35°	88.8	93.3	98.4	103.8	109.6	115.5	121.2	127.8	133.6	138.8	143.1
32.5°	93.7	99.1	105.3	112.4	119.7	127.5	135.7	144.2	152.4	160.9	169.4
30°	98.5	105.6	113.5	122.2	130.7	141.0	151.6	165.5	180.1	196.7	222.2
27.5°	104.3	112.9	122.0	132.0	143.8	156.9	177.5	203.1	246.9	279.6	367.5
25°	110.1	119.8	131.6	144.6	160.3	184.3	233.6	290.6	417.5	536.4	673.7
22.5°	115.9	128.0	142.1	158.0	185.3	247.1	341.0	512.9	709.0	917.2	1129.2
20°	121.7	136.0	153.8	180.2	237.3	343.1	553.8	830.0	1108.7	1449.1	1743.5
17.5°	128.3	146.0	169.2	208.9	303.2	529.8	841.4	1224.7	1655.9	2093.6	2461.2
15°	133.8	154.5	185.6	263.2	441.1	741.8	1149.6	1669.1	2257.1	2810.5	3282.5
12.5°	139.8	163.9	204.8	307.2	568.3	963.6	1501.1	2140.4	2845.8	3604.0	4804.5
10°	145.4	173.4	237.0	398.6	715.0	1187.8	1815.9	2536.2	3391.8	4909.8	7747.4
7.5°	150.0	180.9	261.2	466.7	847.7	1399.3	2072.5	2874.7	4161.0	6711.3	11486.4
5°	153.2	185.9	278.1	517.7	953.5	1555.4	2236.6	3097.6	4945.7	8913.4	14663.1
2.5°	155.4	188.6	287.1	547.4	1020.4	1658.7	2352.8	3247.5	5472.6	10187.1	16923.6
0°	157.1	189.4	288.9	573.2	1043.1	1693.7	2358.5	3287.8	5653.2	10684.5	17729.1
-2.5°	155.4	188.6	287.1	547.4	1020.4	1658.7	2352.8	3247.5	5472.6	10187.1	16923.6
-5°	153.2	185.9	278.1	517.7	953.5	1555.4	2236.6	3097.6	4945.7	8913.4	14663.1
-7.5°	150.0	180.9	261.2	466.7	847.7	1399.3	2072.5	2874.7	4161.0	6711.3	11486.4
-10°	145.4	173.4	237.0	398.6	715.0	1187.8	1815.9	2536.2	3391.8	4909.8	7747.4
-12.5°	139.8	163.9	204.8	307.2	568.3	963.6	1501.1	2140.4	2845.8	3604.0	4804.5
-15°	133.8	154.5	185.6	263.2	441.1	741.8	1149.6	1669.1	2257.1	2810.5	3282.5
-17.5°	128.3	146.0	169.2	208.9	303.2	529.8	841.4	1224.7	1655.9	2093.6	2461.2
-20°	121.7	136.0	153.8	180.2	237.3	343.1	553.8	830.0	1108.7	1449.1	1743.5



REPORT NUMBER: P558567 (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°	115.9	128.0	142.1	158.0	185.3	247.1	341.0	512.9	709.0	917.2	1129.2
-25°	110.1	119.8	131.6	144.6	160.3	184.3	233.6	290.6	417.5	536.4	673.7
-27.5°	104.3	112.9	122.0	132.0	143.8	156.9	177.5	203.1	246.9	279.6	367.5
-30°	98.5	105.6	113.5	122.2	130.7	141.0	151.6	165.5	180.1	196.7	222.2
-32.5°	93.7	99.1	105.3	112.4	119.7	127.5	135.7	144.2	152.4	160.9	169.4
-35°	88.8	93.3	98.4	103.8	109.6	115.5	121.2	127.8	133.6	138.8	143.1
-37.5°	84.7	87.9	92.1	96.4	101.1	105.8	110.2	114.3	117.8	121.8	124.9
-40°	81.3	83.5	86.8	90.2	93.8	96.8	100.6	103.8	106.5	108.9	110.8
-42.5°	78.4	80.4	82.6	85.3	88.1	90.9	93.3	95.1	96.4	98.1	99.5
-45°	76.1	77.7	79.3	81.2	83.3	85.9	88.2	89.6	89.6	89.6	90.0
-47.5°	73.8	75.3	76.6	77.9	79.4	81.3	83.3	84.3	84.2	83.7	83.5
-50°	71.5	73.0	74.2	75.3	76.3	77.4	78.6	79.2	79.5	79.3	79.1
-52.5°	69.0	70.4	71.8	72.9	73.7	74.4	75.0	75.6	76.0	76.0	76.0
-55°	65.9	67.3	68.7	69.9	70.9	71.7	72.4	73.0	73.4	73.7	74.0
-57.5°	62.2	63.9	65.4	66.6	67.7	68.7	69.6	70.4	71.0	71.5	72.0
-60°	57.9	59.8	61.2	62.6	63.9	65.0	66.0	66.9	67.8	68.6	69.2
-62.5°	53.2	54.9	56.4	57.9	59.2	60.4	61.4	62.3	63.1	63.8	64.2
-65°	47.8	49.4	51.0	52.4	53.6	54.7	55.8	56.8	57.7	58.3	58.7
-67.5°	42.3	43.8	45.2	46.6	47.8	48.8	49.8	50.8	51.6	52.3	52.7
-70°	36.8	38.1	39.3	40.5	41.6	42.6	43.5	44.3	45.0	45.6	46.1
-72.5°	31.0	32.2	33.3	34.2	35.1	36.0	36.9	37.6	38.3	38.8	39.3
-75°	25.1	26.1	27.1	28.0	28.8	29.4	30.1	30.6	31.2	31.6	32.0
-77.5°	19.5	20.3	21.0	21.7	22.3	22.9	23.4	23.9	24.2	24.6	25.0
-80°	13.9	14.5	15.1	15.6	16.0	16.5	17.1	17.6	18.0	18.3	18.5
-82.5°	9.2	9.6	9.9	10.3	10.6	10.9	11.2	11.5	11.8	12.0	12.2
-85°	5.4	5.6	5.7	5.9	6.0	6.2	6.4	6.5	6.6	6.8	7.0
-87.5°	2.3	2.3	2.2	2.2	2.1	2.2	2.4	2.6	2.7	2.7	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: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6
85°	7.2	7.4	7.1	6.9	7.1	7.4	7.2	7.0	6.8	6.6	6.5
82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.2	12.0	11.8	11.5
80°	18.7	18.8	19.1	19.4	19.1	18.8	18.7	18.5	18.3	18.0	17.6
77.5°	25.4	25.7	25.8	25.8	25.8	25.7	25.4	25.0	24.6	24.2	23.9
75°	32.3	32.5	33.1	33.6	33.1	32.5	32.3	32.0	31.6	31.2	30.6
72.5°	39.6	39.9	40.2	40.5	40.2	39.9	39.6	39.3	38.8	38.3	37.6
70°	46.5	46.8	46.9	47.0	46.9	46.8	46.5	46.1	45.6	45.0	44.3
67.5°	53.0	53.2	53.2	53.0	53.2	53.2	53.0	52.7	52.3	51.6	50.8
65°	59.0	59.2	59.2	59.0	59.2	59.2	59.0	58.7	58.3	57.7	56.8
62.5°	64.6	64.8	64.9	65.0	64.9	64.8	64.6	64.2	63.8	63.1	62.3
60°	69.7	70.2	70.4	70.5	70.4	70.2	69.7	69.2	68.6	67.8	66.9
57.5°	72.3	72.6	72.8	72.8	72.8	72.6	72.3	72.0	71.5	71.0	70.4
55°	74.1	74.2	74.0	73.7	74.0	74.2	74.1	74.0	73.7	73.4	73.0
52.5°	75.9	75.7	75.6	75.6	75.6	75.7	75.9	76.0	76.0	76.0	75.6
50°	78.9	78.4	78.3	78.3	78.3	78.4	78.9	79.1	79.3	79.5	79.2
47.5°	83.8	84.0	84.2	84.3	84.2	84.0	83.8	83.5	83.7	84.2	84.3
45°	90.9	91.5	91.9	92.1	91.9	91.5	90.9	90.0	89.6	89.6	89.6
42.5°	100.9	101.6	101.9	101.8	101.9	101.6	100.9	99.5	98.1	96.4	95.1
40°	112.7	114.3	115.2	115.2	115.2	114.3	112.7	110.8	108.9	106.5	103.8
37.5°	127.6	129.7	130.7	130.4	130.7	129.7	127.6	124.9	121.8	117.8	114.3
35°	146.3	148.3	149.2	150.2	149.2	148.3	146.3	143.1	138.8	133.6	127.8
32.5°	176.1	180.3	182.0	179.7	182.0	180.3	176.1	169.4	160.9	152.4	144.2
30°	239.4	254.7	264.9	270.0	264.9	254.7	239.4	222.2	196.7	180.1	165.5
27.5°	428.0	468.0	485.0	494.4	485.0	468.0	428.0	367.5	279.6	246.9	203.1
25°	791.3	876.7	926.0	921.9	926.0	876.7	791.3	673.7	536.4	417.5	290.6
22.5°	1326.2	1461.0	1541.8	1571.6	1541.8	1461.0	1326.2	1129.2	917.2	709.0	512.9
20°	1989.3	2140.5	2219.5	2231.3	2219.5	2140.5	1989.3	1743.5	1449.1	1108.7	830.0
17.5°	2750.4	2893.7	2976.9	2975.9	2976.9	2893.7	2750.4	2461.2	2093.6	1655.9	1224.7
15°	3925.3	4479.9	4792.7	4747.0	4792.7	4479.9	3925.3	3282.5	2810.5	2257.1	1669.1
12.5°	6431.8	8647.1	10021.2	10360.6	10021.2	8647.1	6431.8	4804.5	3604.0	2845.8	2140.4
10°	11365.8	14680.1	17326.8	18091.7	17326.8	14680.1	11365.8	7747.4	4909.8	3391.8	2536.2
7.5°	16349.0	20282.4	21901.2	22089.3	21901.2	20282.4	16349.0	11486.4	6711.3	4161.0	2874.7
5°	20110.3	24112.7	24576.0	23412.3	24576.0	24112.7	20110.3	14663.1	8913.4	4945.7	3097.6
2.5°	22593.1	25617.0	26048.8	25422.5	26048.8	25617.0	22593.1	16923.6	10187.1	5472.6	3247.5
0°	23159.3	25217.0	25830.4	25897.5	25830.4	25217.0	23159.3	17729.1	10684.5	5653.2	3287.8
-2.5°	22593.1	25617.0	26048.8	25422.5	26048.8	25617.0	22593.1	16923.6	10187.1	5472.6	3247.5
-5°	20110.3	24112.7	24576.0	23412.3	24576.0	24112.7	20110.3	14663.1	8913.4	4945.7	3097.6
-7.5°	16349.0	20282.4	21901.2	22089.3	21901.2	20282.4	16349.0	11486.4	6711.3	4161.0	2874.7
-10°	11365.8	14680.1	17326.8	18091.7	17326.8	14680.1	11365.8	7747.4	4909.8	3391.8	2536.2
-12.5°	6431.8	8647.1	10021.2	10360.6	10021.2	8647.1	6431.8	4804.5	3604.0	2845.8	2140.4
-15°	3925.3	4479.9	4792.7	4747.0	4792.7	4479.9	3925.3	3282.5	2810.5	2257.1	1669.1
-17.5°	2750.4	2893.7	2976.9	2975.9	2976.9	2893.7	2750.4	2461.2	2093.6	1655.9	1224.7
-20°	1989.3	2140.5	2219.5	2231.3	2219.5	2140.5	1989.3	1743.5	1449.1	1108.7	830.0



REPORT NUMBER: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-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°	1326.2	1461.0	1541.8	1571.6	1541.8	1461.0	1326.2	1129.2	917.2	709.0	512.9
-25°	791.3	876.7	926.0	921.9	926.0	876.7	791.3	673.7	536.4	417.5	290.6
-27.5°	428.0	468.0	485.0	494.4	485.0	468.0	428.0	367.5	279.6	246.9	203.1
-30°	239.4	254.7	264.9	270.0	264.9	254.7	239.4	222.2	196.7	180.1	165.5
-32.5°	176.1	180.3	182.0	179.7	182.0	180.3	176.1	169.4	160.9	152.4	144.2
-35°	146.3	148.3	149.2	150.2	149.2	148.3	146.3	143.1	138.8	133.6	127.8
-37.5°	127.6	129.7	130.7	130.4	130.7	129.7	127.6	124.9	121.8	117.8	114.3
-40°	112.7	114.3	115.2	115.2	115.2	114.3	112.7	110.8	108.9	106.5	103.8
-42.5°	100.9	101.6	101.9	101.8	101.9	101.6	100.9	99.5	98.1	96.4	95.1
-45°	90.9	91.5	91.9	92.1	91.9	91.5	90.9	90.0	89.6	89.6	89.6
-47.5°	83.8	84.0	84.2	84.3	84.2	84.0	83.8	83.5	83.7	84.2	84.3
-50°	78.9	78.4	78.3	78.3	78.3	78.4	78.9	79.1	79.3	79.5	79.2
-52.5°	75.9	75.7	75.6	75.6	75.6	75.7	75.9	76.0	76.0	76.0	75.6
-55°	74.1	74.2	74.0	73.7	74.0	74.2	74.1	74.0	73.7	73.4	73.0
-57.5°	72.3	72.6	72.8	72.8	72.8	72.6	72.3	72.0	71.5	71.0	70.4
-60°	69.7	70.2	70.4	70.5	70.4	70.2	69.7	69.2	68.6	67.8	66.9
-62.5°	64.6	64.8	64.9	65.0	64.9	64.8	64.6	64.2	63.8	63.1	62.3
-65°	59.0	59.2	59.2	59.0	59.2	59.2	59.0	58.7	58.3	57.7	56.8
-67.5°	53.0	53.2	53.2	53.0	53.2	53.2	53.0	52.7	52.3	51.6	50.8
-70°	46.5	46.8	46.9	47.0	46.9	46.8	46.5	46.1	45.6	45.0	44.3
-72.5°	39.6	39.9	40.2	40.5	40.2	39.9	39.6	39.3	38.8	38.3	37.6
-75°	32.3	32.5	33.1	33.6	33.1	32.5	32.3	32.0	31.6	31.2	30.6
-77.5°	25.4	25.7	25.8	25.8	25.8	25.7	25.4	25.0	24.6	24.2	23.9
-80°	18.7	18.8	19.1	19.4	19.1	18.8	18.7	18.5	18.3	18.0	17.6
-82.5°	12.3	12.3	12.4	12.4	12.4	12.3	12.3	12.2	12.0	11.8	11.5
-85°	7.2	7.4	7.1	6.9	7.1	7.4	7.2	7.0	6.8	6.6	6.5
-87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.6
-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: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-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°	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.2	2.1	2.1	2.0
85°	6.4	6.2	6.0	5.9	5.7	5.6	5.4	5.1	4.9	4.6	4.3
82.5°	11.2	10.9	10.6	10.3	9.9	9.6	9.2	8.8	8.3	7.8	7.2
80°	17.1	16.5	16.0	15.6	15.1	14.5	13.9	13.3	12.6	12.0	11.3
77.5°	23.4	22.9	22.3	21.7	21.0	20.3	19.5	18.6	17.7	16.8	15.8
75°	30.1	29.4	28.8	28.0	27.1	26.1	25.1	24.0	22.9	21.7	20.4
72.5°	36.9	36.0	35.1	34.2	33.3	32.2	31.0	29.7	28.3	26.8	25.2
70°	43.5	42.6	41.6	40.5	39.3	38.1	36.8	35.4	34.0	32.3	30.5
67.5°	49.8	48.8	47.8	46.6	45.2	43.8	42.3	40.8	39.1	37.4	35.5
65°	55.8	54.7	53.6	52.4	51.0	49.4	47.8	46.1	44.3	42.3	40.2
62.5°	61.4	60.4	59.2	57.9	56.4	54.9	53.2	51.2	49.3	47.2	44.9
60°	66.0	65.0	63.9	62.6	61.2	59.8	57.9	56.0	54.0	51.7	49.3
57.5°	69.6	68.7	67.7	66.6	65.4	63.9	62.2	60.4	58.2	55.9	53.5
55°	72.4	71.7	70.9	69.9	68.7	67.3	65.9	64.1	62.1	59.9	57.3
52.5°	75.0	74.4	73.7	72.9	71.8	70.4	69.0	67.3	65.5	63.3	60.9
50°	78.6	77.4	76.3	75.3	74.2	73.0	71.5	69.9	68.3	66.3	64.0
47.5°	83.3	81.3	79.4	77.9	76.6	75.3	73.8	72.2	70.7	68.9	66.7
45°	88.2	85.9	83.3	81.2	79.3	77.7	76.1	74.5	72.9	71.1	69.1
42.5°	93.3	90.9	88.1	85.3	82.6	80.4	78.4	76.8	75.1	73.3	71.2
40°	100.6	96.8	93.8	90.2	86.8	83.5	81.3	79.2	77.2	75.2	73.2
37.5°	110.2	105.8	101.1	96.4	92.1	87.9	84.7	82.1	79.5	77.3	75.0
35°	121.2	115.5	109.6	103.8	98.4	93.3	88.8	85.3	82.3	79.6	76.9
32.5°	135.7	127.5	119.7	112.4	105.3	99.1	93.7	89.1	85.4	82.2	79.1
30°	151.6	141.0	130.7	122.2	113.5	105.6	98.5	93.1	88.8	85.1	81.4
27.5°	177.5	156.9	143.8	132.0	122.0	112.9	104.3	96.6	91.9	88.0	84.0
25°	233.6	184.3	160.3	144.6	131.6	119.8	110.1	101.3	94.7	90.4	85.3
22.5°	341.0	247.1	185.3	158.0	142.1	128.0	115.9	106.0	96.9	91.5	86.3
20°	553.8	343.1	237.3	180.2	153.8	136.0	121.7	110.5	100.5	92.7	86.9
17.5°	841.4	529.8	303.2	208.9	169.2	146.0	128.3	114.7	103.7	94.0	87.3
15°	1149.6	741.8	441.1	263.2	185.6	154.5	133.8	118.6	106.7	96.0	88.3
12.5°	1501.1	963.6	568.3	307.2	204.8	163.9	139.8	122.8	109.6	98.4	89.9
10°	1815.9	1187.8	715.0	398.6	237.0	173.4	145.4	126.6	112.4	100.4	91.1
7.5°	2072.5	1399.3	847.7	466.7	261.2	180.9	150.0	129.8	114.7	101.8	91.9
5°	2236.6	1555.4	953.5	517.7	278.1	185.9	153.2	132.2	116.4	102.7	92.5
2.5°	2352.8	1658.7	1020.4	547.4	287.1	188.6	155.4	133.6	117.7	103.9	93.4
0°	2358.5	1693.7	1043.1	573.2	288.9	189.4	157.1	134.1	118.4	104.6	94.0
-2.5°	2352.8	1658.7	1020.4	547.4	287.1	188.6	155.4	133.6	117.7	103.9	93.4
-5°	2236.6	1555.4	953.5	517.7	278.1	185.9	153.2	132.2	116.4	102.7	92.5
-7.5°	2072.5	1399.3	847.7	466.7	261.2	180.9	150.0	129.8	114.7	101.8	91.9
-10°	1815.9	1187.8	715.0	398.6	237.0	173.4	145.4	126.6	112.4	100.4	91.1
-12.5°	1501.1	963.6	568.3	307.2	204.8	163.9	139.8	122.8	109.6	98.4	89.9
-15°	1149.6	741.8	441.1	263.2	185.6	154.5	133.8	118.6	106.7	96.0	88.3
-17.5°	841.4	529.8	303.2	208.9	169.2	146.0	128.3	114.7	103.7	94.0	87.3
-20°	553.8	343.1	237.3	180.2	153.8	136.0	121.7	110.5	100.5	92.7	86.9



REPORT NUMBER: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	341.0	247.1	185.3	158.0	142.1	128.0	115.9	106.0	96.9	91.5	86.3
-25°	233.6	184.3	160.3	144.6	131.6	119.8	110.1	101.3	94.7	90.4	85.3
-27.5°	177.5	156.9	143.8	132.0	122.0	112.9	104.3	96.6	91.9	88.0	84.0
-30°	151.6	141.0	130.7	122.2	113.5	105.6	98.5	93.1	88.8	85.1	81.4
-32.5°	135.7	127.5	119.7	112.4	105.3	99.1	93.7	89.1	85.4	82.2	79.1
-35°	121.2	115.5	109.6	103.8	98.4	93.3	88.8	85.3	82.3	79.6	76.9
-37.5°	110.2	105.8	101.1	96.4	92.1	87.9	84.7	82.1	79.5	77.3	75.0
-40°	100.6	96.8	93.8	90.2	86.8	83.5	81.3	79.2	77.2	75.2	73.2
-42.5°	93.3	90.9	88.1	85.3	82.6	80.4	78.4	76.8	75.1	73.3	71.2
-45°	88.2	85.9	83.3	81.2	79.3	77.7	76.1	74.5	72.9	71.1	69.1
-47.5°	83.3	81.3	79.4	77.9	76.6	75.3	73.8	72.2	70.7	68.9	66.7
-50°	78.6	77.4	76.3	75.3	74.2	73.0	71.5	69.9	68.3	66.3	64.0
-52.5°	75.0	74.4	73.7	72.9	71.8	70.4	69.0	67.3	65.5	63.3	60.9
-55°	72.4	71.7	70.9	69.9	68.7	67.3	65.9	64.1	62.1	59.9	57.3
-57.5°	69.6	68.7	67.7	66.6	65.4	63.9	62.2	60.4	58.2	55.9	53.5
-60°	66.0	65.0	63.9	62.6	61.2	59.8	57.9	56.0	54.0	51.7	49.3
-62.5°	61.4	60.4	59.2	57.9	56.4	54.9	53.2	51.2	49.3	47.2	44.9
-65°	55.8	54.7	53.6	52.4	51.0	49.4	47.8	46.1	44.3	42.3	40.2
-67.5°	49.8	48.8	47.8	46.6	45.2	43.8	42.3	40.8	39.1	37.4	35.5
-70°	43.5	42.6	41.6	40.5	39.3	38.1	36.8	35.4	34.0	32.3	30.5
-72.5°	36.9	36.0	35.1	34.2	33.3	32.2	31.0	29.7	28.3	26.8	25.2
-75°	30.1	29.4	28.8	28.0	27.1	26.1	25.1	24.0	22.9	21.7	20.4
-77.5°	23.4	22.9	22.3	21.7	21.0	20.3	19.5	18.6	17.7	16.8	15.8
-80°	17.1	16.5	16.0	15.6	15.1	14.5	13.9	13.3	12.6	12.0	11.3
-82.5°	11.2	10.9	10.6	10.3	9.9	9.6	9.2	8.8	8.3	7.8	7.2
-85°	6.4	6.2	6.0	5.9	5.7	5.6	5.4	5.1	4.9	4.6	4.3
-87.5°	2.4	2.2	2.1	2.2	2.2	2.3	2.3	2.2	2.1	2.1	2.0
-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: P558567 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-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°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
85°	4.1	3.9	3.7	3.4	3.1	2.8	2.6	2.4	2.1	1.9	1.7
82.5°	6.7	6.4	6.1	5.7	5.4	5.0	4.5	4.0	3.4	2.9	2.5
80°	10.6	9.9	9.2	8.5	7.8	7.1	6.6	5.9	5.1	4.4	3.6
77.5°	14.8	13.7	12.6	11.6	10.6	9.7	8.8	7.9	6.8	5.8	4.9
75°	19.1	17.8	16.5	15.1	13.7	12.3	11.1	9.9	8.7	7.3	6.1
72.5°	23.8	22.2	20.5	18.7	17.1	15.4	13.7	12.0	10.6	9.0	7.4
70°	28.6	26.7	24.8	22.7	20.6	18.5	16.5	14.5	12.5	10.7	8.9
67.5°	33.4	31.1	29.0	26.7	24.3	21.8	19.4	17.1	14.8	12.5	10.5
65°	37.9	35.5	32.9	30.4	27.8	25.1	22.4	19.7	17.1	14.5	12.0
62.5°	42.4	39.8	37.0	34.1	31.2	28.2	25.3	22.4	19.4	16.5	13.7
60°	46.8	44.0	41.0	37.8	34.5	31.3	28.1	25.0	21.7	18.5	15.4
57.5°	50.8	48.0	44.8	41.4	37.9	34.4	30.9	27.5	24.0	20.5	17.1
55°	54.6	51.6	48.3	44.8	41.1	37.3	33.7	30.0	26.3	22.5	18.7
52.5°	58.2	55.1	51.6	48.0	44.2	40.2	36.4	32.4	28.5	24.5	20.4
50°	61.4	58.3	54.8	51.1	47.1	43.1	39.1	34.9	30.6	26.4	22.1
47.5°	64.2	61.2	57.7	53.9	49.9	45.8	41.6	37.3	32.7	28.2	23.7
45°	66.6	63.8	60.4	56.5	52.6	48.4	44.0	39.6	34.8	30.0	25.3
42.5°	68.9	66.1	62.8	59.1	55.1	50.8	46.2	41.7	36.8	31.7	26.8
40°	70.8	68.2	65.1	61.4	57.5	53.2	48.4	43.6	38.8	33.3	28.2
37.5°	72.7	70.1	67.0	63.8	59.9	55.4	50.5	45.4	40.5	35.0	29.6
35°	74.4	71.7	69.1	65.9	62.0	57.5	52.6	47.2	42.1	36.5	30.9
32.5°	76.1	73.3	70.6	67.6	64.1	59.5	54.5	48.9	43.5	38.0	32.1
30°	77.9	74.7	72.0	69.2	65.9	61.4	56.1	50.5	44.8	39.3	33.3
27.5°	79.4	75.9	73.3	70.5	67.3	63.1	57.6	51.9	46.1	40.5	34.4
25°	80.7	77.0	74.2	71.6	68.6	64.5	59.0	53.1	47.3	41.5	35.4
22.5°	81.7	77.9	74.9	72.6	69.8	65.7	60.2	54.2	48.3	42.5	36.3
20°	82.2	78.6	75.5	73.5	70.8	66.6	61.2	55.2	49.2	43.3	37.1
17.5°	82.4	79.1	76.2	74.0	71.5	67.5	62.1	56.1	50.0	44.0	37.8
15°	83.2	79.5	76.7	74.5	72.2	68.4	62.8	56.8	50.6	44.7	38.4
12.5°	84.0	79.9	77.0	74.8	72.7	69.3	63.4	57.4	51.2	45.2	38.9
10°	84.7	80.1	77.2	75.1	73.1	70.0	63.9	57.9	51.7	45.7	39.3
7.5°	85.3	80.3	77.2	75.3	73.4	70.7	64.4	58.3	52.2	46.0	39.7
5°	85.8	80.3	77.2	75.5	73.7	71.1	64.7	58.5	52.6	46.3	39.9
2.5°	86.1	80.3	77.1	75.6	74.0	71.3	64.9	58.6	52.8	46.4	40.1
0°	86.2	80.2	76.9	75.6	74.2	71.4	65.0	58.5	53.0	46.5	40.1
-2.5°	86.1	80.3	77.1	75.6	74.0	71.3	64.9	58.6	52.8	46.4	40.1
-5°	85.8	80.3	77.2	75.5	73.7	71.1	64.7	58.5	52.6	46.3	39.9
-7.5°	85.3	80.3	77.2	75.3	73.4	70.7	64.4	58.3	52.2	46.0	39.7
-10°	84.7	80.1	77.2	75.1	73.1	70.0	63.9	57.9	51.7	45.7	39.3
-12.5°	84.0	79.9	77.0	74.8	72.7	69.3	63.4	57.4	51.2	45.2	38.9
-15°	83.2	79.5	76.7	74.5	72.2	68.4	62.8	56.8	50.6	44.7	38.4
-17.5°	82.4	79.1	76.2	74.0	71.5	67.5	62.1	56.1	50.0	44.0	37.8
-20°	82.2	78.6	75.5	73.5	70.8	66.6	61.2	55.2	49.2	43.3	37.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	81.7	77.9	74.9	72.6	69.8	65.7	60.2	54.2	48.3	42.5	36.3
-25°	80.7	77.0	74.2	71.6	68.6	64.5	59.0	53.1	47.3	41.5	35.4
-27.5°	79.4	75.9	73.3	70.5	67.3	63.1	57.6	51.9	46.1	40.5	34.4
-30°	77.9	74.7	72.0	69.2	65.9	61.4	56.1	50.5	44.8	39.3	33.3
-32.5°	76.1	73.3	70.6	67.6	64.1	59.5	54.5	48.9	43.5	38.0	32.1
-35°	74.4	71.7	69.1	65.9	62.0	57.5	52.6	47.2	42.1	36.5	30.9
-37.5°	72.7	70.1	67.0	63.8	59.9	55.4	50.5	45.4	40.5	35.0	29.6
-40°	70.8	68.2	65.1	61.4	57.5	53.2	48.4	43.6	38.8	33.3	28.2
-42.5°	68.9	66.1	62.8	59.1	55.1	50.8	46.2	41.7	36.8	31.7	26.8
-45°	66.6	63.8	60.4	56.5	52.6	48.4	44.0	39.6	34.8	30.0	25.3
-47.5°	64.2	61.2	57.7	53.9	49.9	45.8	41.6	37.3	32.7	28.2	23.7
-50°	61.4	58.3	54.8	51.1	47.1	43.1	39.1	34.9	30.6	26.4	22.1
-52.5°	58.2	55.1	51.6	48.0	44.2	40.2	36.4	32.4	28.5	24.5	20.4
-55°	54.6	51.6	48.3	44.8	41.1	37.3	33.7	30.0	26.3	22.5	18.7
-57.5°	50.8	48.0	44.8	41.4	37.9	34.4	30.9	27.5	24.0	20.5	17.1
-60°	46.8	44.0	41.0	37.8	34.5	31.3	28.1	25.0	21.7	18.5	15.4
-62.5°	42.4	39.8	37.0	34.1	31.2	28.2	25.3	22.4	19.4	16.5	13.7
-65°	37.9	35.5	32.9	30.4	27.8	25.1	22.4	19.7	17.1	14.5	12.0
-67.5°	33.4	31.1	29.0	26.7	24.3	21.8	19.4	17.1	14.8	12.5	10.5
-70°	28.6	26.7	24.8	22.7	20.6	18.5	16.5	14.5	12.5	10.7	8.9
-72.5°	23.8	22.2	20.5	18.7	17.1	15.4	13.7	12.0	10.6	9.0	7.4
-75°	19.1	17.8	16.5	15.1	13.7	12.3	11.1	9.9	8.7	7.3	6.1
-77.5°	14.8	13.7	12.6	11.6	10.6	9.7	8.8	7.9	6.8	5.8	4.9
-80°	10.6	9.9	9.2	8.5	7.8	7.1	6.6	5.9	5.1	4.4	3.6
-82.5°	6.7	6.4	6.1	5.7	5.4	5.0	4.5	4.0	3.4	2.9	2.5
-85°	4.1	3.9	3.7	3.4	3.1	2.8	2.6	2.4	2.1	1.9	1.7
-87.5°	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
-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):**

	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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	4.0	3.1	2.4	1.8	1.2	0.6	0.0
75°	5.0	4.0	2.9	2.2	1.4	0.7	0.0
72.5°	6.0	4.9	3.7	2.5	1.7	0.8	0.0
70°	7.1	5.8	4.4	2.9	1.9	1.0	0.0
67.5°	8.4	6.6	5.1	3.5	2.1	1.1	0.0
65°	9.7	7.6	5.8	4.0	2.4	1.2	0.0
62.5°	11.0	8.7	6.5	4.5	2.6	1.3	0.0
60°	12.3	9.7	7.2	5.0	2.8	1.4	0.0
57.5°	13.7	10.7	8.0	5.6	3.1	1.5	0.0
55°	15.1	11.6	8.7	6.1	3.5	1.6	0.0
52.5°	16.5	12.6	9.5	6.5	3.8	1.7	0.0
50°	17.8	13.7	10.2	7.0	4.1	1.8	0.0
47.5°	19.1	14.8	10.8	7.5	4.4	1.9	0.0
45°	20.5	15.8	11.5	8.0	4.7	2.0	0.0
42.5°	21.8	16.8	12.1	8.4	5.0	2.1	0.0
40°	23.0	17.7	12.8	8.9	5.2	2.1	0.0
37.5°	24.2	18.6	13.5	9.3	5.5	2.2	0.0
35°	25.4	19.5	14.2	9.7	5.7	2.3	0.0
32.5°	26.4	20.4	14.8	10.0	6.0	2.4	0.0
30°	27.4	21.3	15.4	10.4	6.2	2.4	0.0
27.5°	28.3	22.0	16.0	10.7	6.4	2.5	0.0
25°	29.2	22.8	16.5	11.0	6.5	2.5	0.0
22.5°	29.9	23.4	17.0	11.3	6.7	2.6	0.0
20°	30.6	24.1	17.4	11.5	6.8	2.6	0.0
17.5°	31.2	24.6	17.8	11.7	7.0	2.7	0.0
15°	31.8	25.0	18.2	11.9	7.1	2.7	0.0
12.5°	32.2	25.4	18.5	12.0	7.2	2.7	0.0
10°	32.6	25.8	18.8	12.2	7.3	2.8	0.0
7.5°	32.8	26.0	19.0	12.3	7.3	2.8	0.0
5°	33.0	26.2	19.2	12.3	7.4	2.8	0.0
2.5°	33.2	26.3	19.3	12.4	7.4	2.8	0.0
0°	33.2	26.3	19.4	12.4	7.4	2.8	0.0
-2.5°	33.2	26.3	19.4	12.4	7.4	2.8	0.0
-5°	33.0	26.2	19.2	12.3	7.4	2.8	0.0
-7.5°	32.8	26.0	19.0	12.3	7.3	2.8	0.0
-10°	32.6	25.8	18.8	12.2	7.3	2.8	0.0
-12.5°	32.2	25.4	18.5	12.0	7.2	2.7	0.0
-15°	31.8	25.0	18.2	11.9	7.1	2.7	0.0
-17.5°	31.2	24.6	17.8	11.7	7.0	2.7	0.0
-20°	30.6	24.1	17.4	11.5	6.8	2.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.9	23.4	17.0	11.3	6.7	2.6	0.0
-25°	29.2	22.8	16.5	11.0	6.5	2.5	0.0
-27.5°	28.3	22.0	16.0	10.7	6.4	2.5	0.0
-30°	27.4	21.3	15.4	10.4	6.2	2.4	0.0
-32.5°	26.4	20.4	14.8	10.0	6.0	2.4	0.0
-35°	25.4	19.5	14.2	9.7	5.7	2.3	0.0
-37.5°	24.2	18.6	13.5	9.3	5.5	2.2	0.0
-40°	23.0	17.7	12.8	8.9	5.2	2.1	0.0
-42.5°	21.8	16.8	12.1	8.4	5.0	2.1	0.0
-45°	20.5	15.8	11.5	8.0	4.7	2.0	0.0
-47.5°	19.1	14.8	10.8	7.5	4.4	1.9	0.0
-50°	17.8	13.7	10.2	7.0	4.1	1.8	0.0
-52.5°	16.5	12.6	9.5	6.5	3.8	1.7	0.0
-55°	15.1	11.6	8.7	6.1	3.5	1.6	0.0
-57.5°	13.7	10.7	8.0	5.6	3.1	1.5	0.0
-60°	12.3	9.7	7.2	5.0	2.8	1.4	0.0
-62.5°	11.0	8.7	6.5	4.5	2.6	1.3	0.0
-65°	9.7	7.6	5.8	4.0	2.4	1.2	0.0
-67.5°	8.4	6.6	5.1	3.5	2.1	1.1	0.0
-70°	7.1	5.8	4.4	2.9	1.9	1.0	0.0
-72.5°	6.0	4.9	3.7	2.5	1.7	0.8	0.0
-75°	5.0	4.0	2.9	2.2	1.4	0.7	0.0
-77.5°	4.0	3.1	2.4	1.8	1.2	0.6	0.0
-80°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)