

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: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558519 (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-SA1B-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**

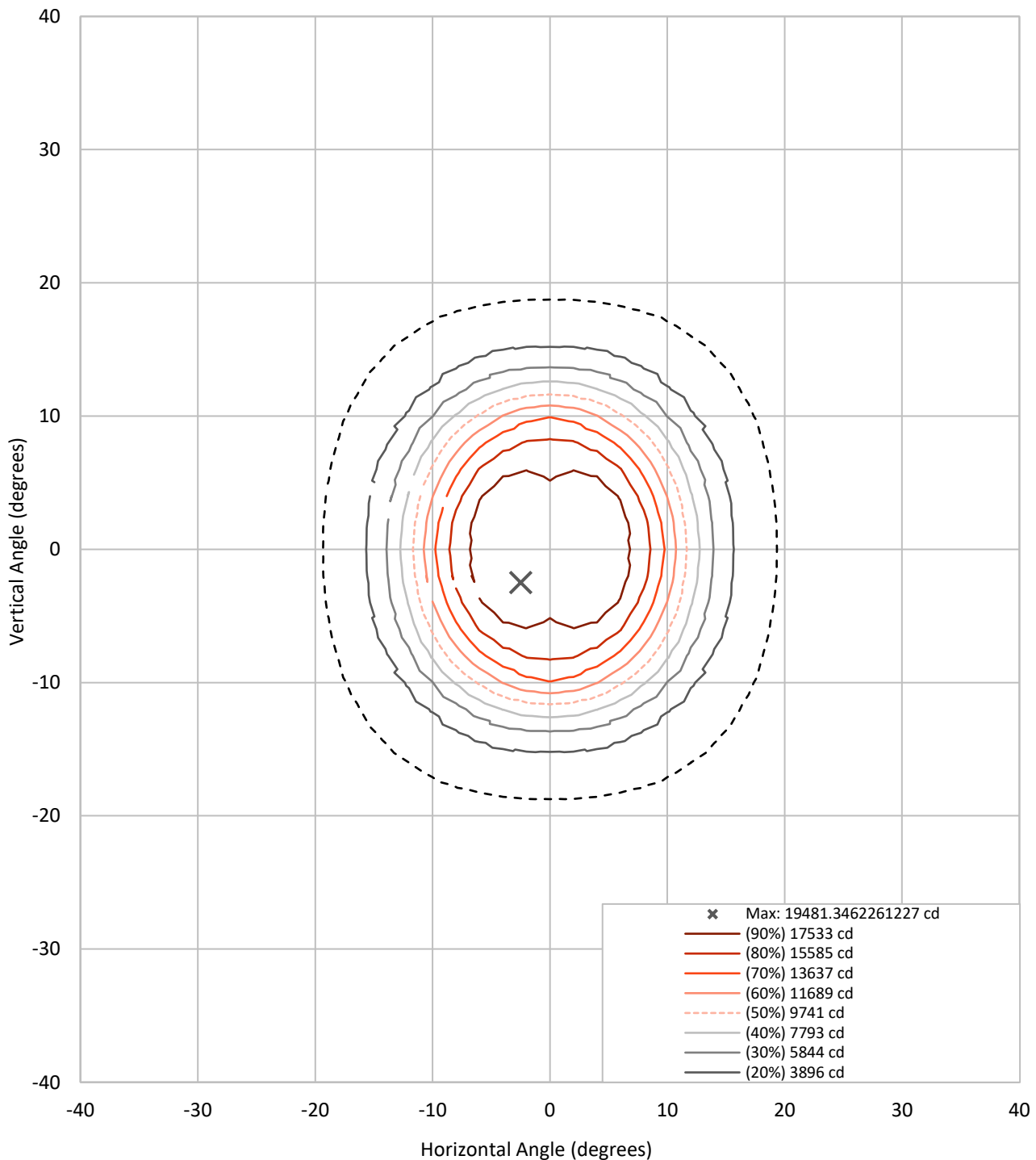
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3683.9 lumens	Max Intensity:	19481.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	111.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	1988.8 lumens	Field Lumens:	2999.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 33  
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





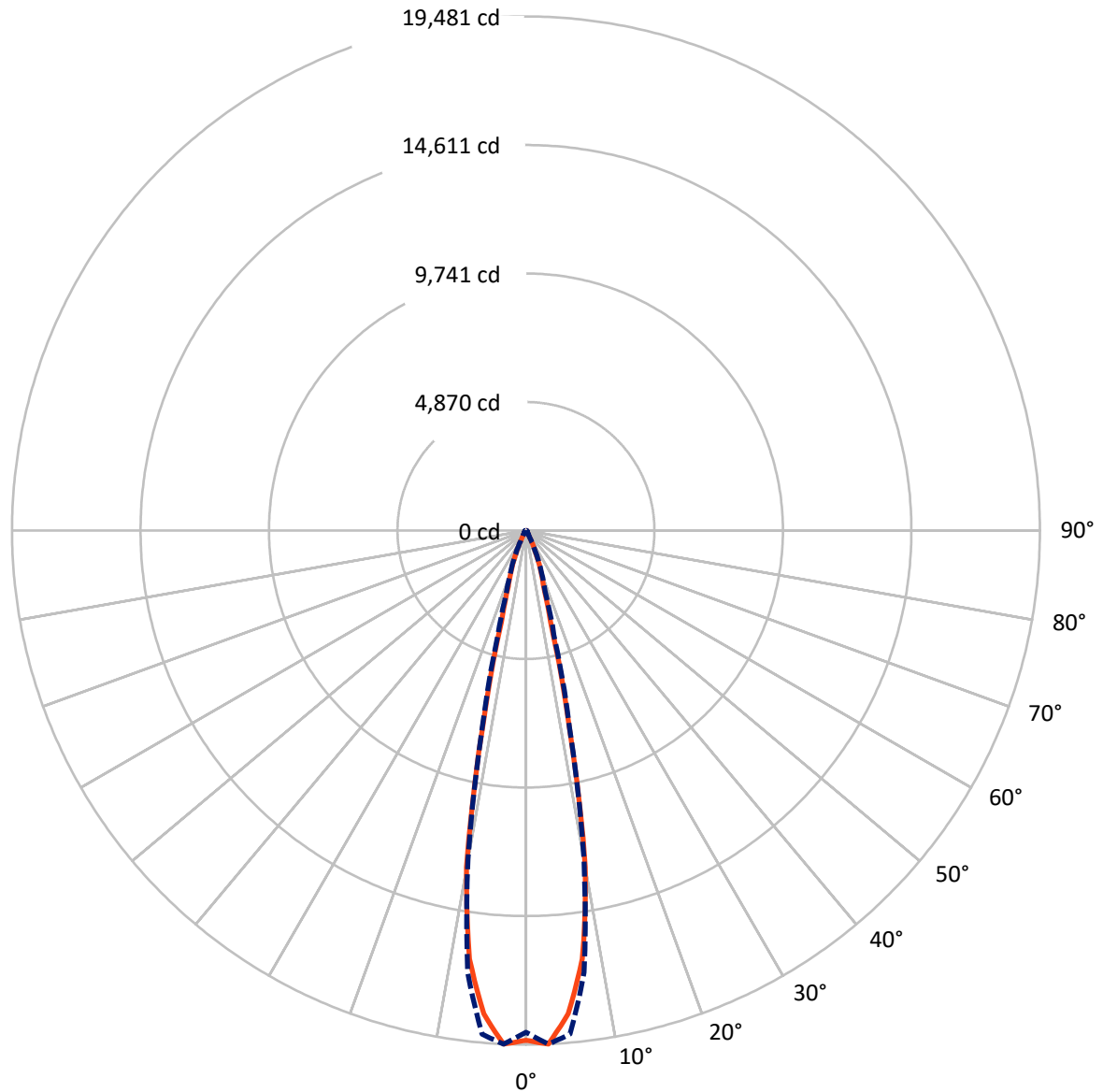
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### Lumen Table

90																			
80	0.0	0.4		1.0		1.6		1.8		1.6		1.0		0.4		0.0			
70																			
60	0.2	0.2	0.4	0.6	0.9	1.1	1.3	1.3	1.3	1.3	1.1	0.9	0.6	0.4	0.2	0.2			
50		0.3	0.6	0.9	1.2	1.5	1.6	1.7	1.7	1.6	1.5	1.2	0.9	0.6	0.3				
40	0.3	0.4	0.7	1.1	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.1	0.7	0.4	0.3			
30		0.5	0.9	1.2	1.7	2.3	3.0	3.6	3.6	3.0	2.3	1.7	1.2	0.9	0.5				
20	0.4	0.5	0.9	1.4	2.1	3.8	11.3	22.0	22.0	11.3	3.8	2.1	1.4	0.9	0.5	0.4			
10		0.6	1.0	1.5	2.6	11.2	51.6	132.6	132.6	51.6	11.2	2.6	1.5	1.0	0.6				
0	0.4	0.6	1.0	1.5	3.1	21.8	134.3	474.5	474.5	134.3	21.8	3.1	1.5	1.0	0.6	0.4			
-10		0.6	1.0	1.5	3.1	21.8	134.3	474.5	474.5	134.3	21.8	3.1	1.5	1.0	0.6				
-20	0.4	0.6	1.0	1.5	2.6	11.2	51.6	132.6	132.6	51.6	11.2	2.6	1.5	1.0	0.6	0.4			
-30		0.5	0.9	1.4	2.1	3.8	11.3	22.0	22.0	11.3	3.8	2.1	1.4	0.9	0.5				
-40	0.3	0.5	0.9	1.2	1.7	2.3	3.0	3.6	3.6	3.0	2.3	1.7	1.2	0.9	0.5	0.3			
-50		0.4	0.7	1.1	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.1	0.7	0.4				
-60	0.2	0.3	0.6	0.9	1.2	1.5	1.6	1.7	1.7	1.6	1.5	1.2	0.9	0.6	0.3	0.2			
-70		0.2	0.4	0.6	0.9	1.1	1.3	1.3	1.3	1.3	1.1	0.9	0.6	0.4	0.2				
-80	0.0	0.4		1.0		1.6		1.8		1.6		1.0		0.4		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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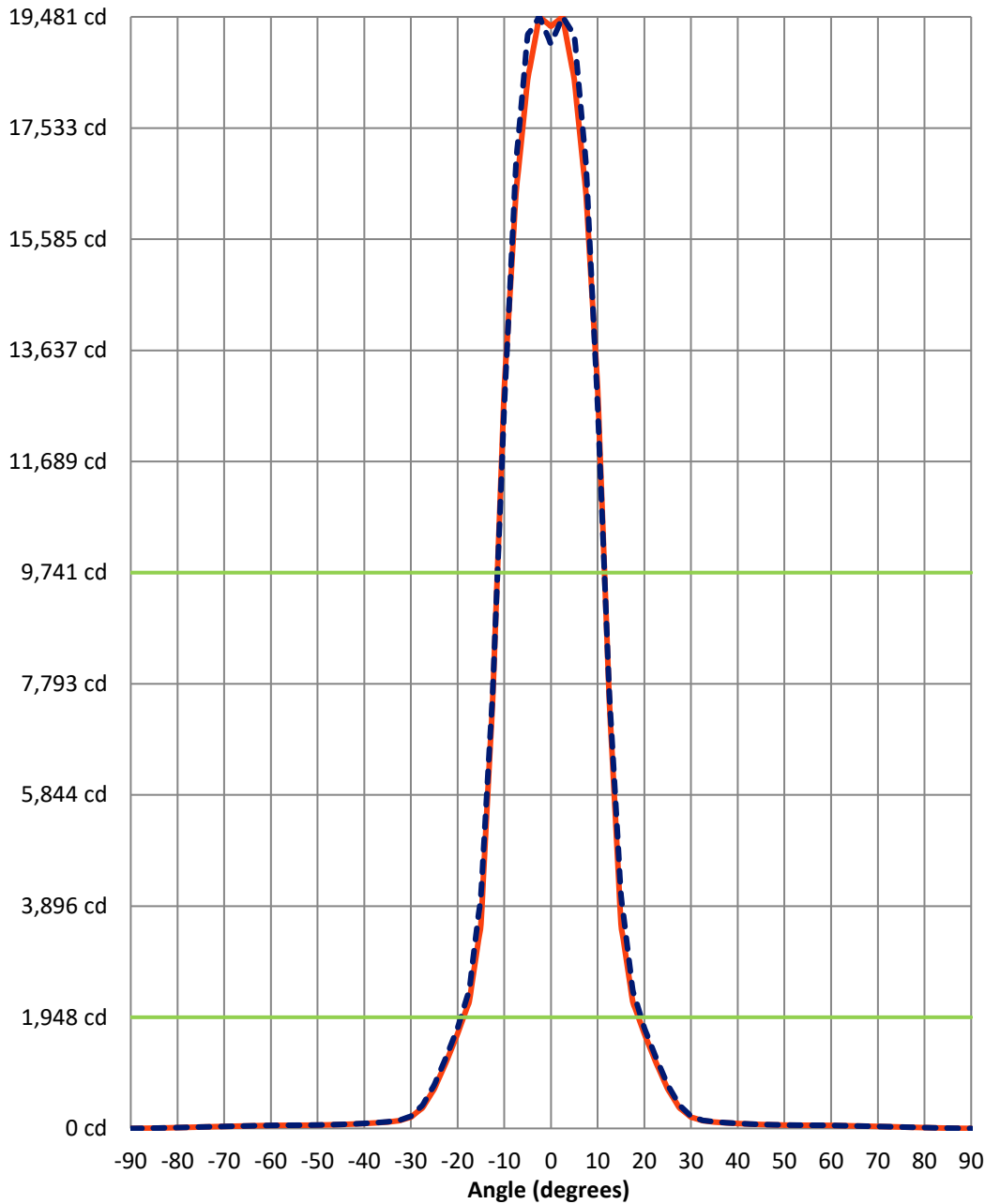
### Luminous Intensity Polar Plot



— Vertical Distribution Through -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: 1988.8  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 2999.2  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 684.7  
 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	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.6	3.0
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.3	3.8	4.4
77.5°	0.0	0.5	0.9	1.4	1.8	2.3	3.0	3.7	4.4	5.1	5.9
75°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.5	6.5	7.4
72.5°	0.0	0.6	1.3	1.9	2.7	3.7	4.6	5.6	6.8	7.9	9.0
70°	0.0	0.7	1.4	2.2	3.3	4.3	5.4	6.7	8.1	9.3	10.9
67.5°	0.0	0.8	1.6	2.6	3.8	5.0	6.3	7.9	9.3	11.1	12.8
65°	0.0	0.9	1.8	3.0	4.3	5.7	7.3	9.0	10.9	12.8	14.7
62.5°	0.0	1.0	1.9	3.4	4.9	6.5	8.3	10.2	12.3	14.5	16.7
60°	0.0	1.0	2.1	3.8	5.4	7.3	9.2	11.5	13.8	16.2	18.7
57.5°	0.0	1.1	2.4	4.1	5.9	8.0	10.2	12.8	15.3	18.0	20.6
55°	0.0	1.2	2.6	4.5	6.5	8.7	11.3	14.0	16.8	19.7	22.5
52.5°	0.0	1.3	2.8	4.9	7.1	9.4	12.3	15.2	18.3	21.3	24.3
50°	0.0	1.3	3.1	5.2	7.6	10.3	13.3	16.5	19.7	22.9	26.1
47.5°	0.0	1.4	3.3	5.6	8.1	11.0	14.2	17.7	21.1	24.5	27.9
45°	0.0	1.5	3.5	5.9	8.6	11.8	15.3	18.9	22.4	26.0	29.6
42.5°	0.0	1.5	3.7	6.3	9.1	12.5	16.2	20.0	23.7	27.5	31.2
40°	0.0	1.6	3.9	6.6	9.6	13.2	17.2	21.1	25.0	29.0	32.6
37.5°	0.0	1.7	4.1	6.9	10.1	13.9	18.1	22.1	26.2	30.3	34.0
35°	0.0	1.7	4.3	7.2	10.6	14.6	18.9	23.1	27.3	31.5	35.3
32.5°	0.0	1.8	4.4	7.5	11.1	15.2	19.7	24.0	28.4	32.6	36.6
30°	0.0	1.8	4.6	7.8	11.5	15.9	20.5	24.9	29.4	33.6	37.8
27.5°	0.0	1.9	4.7	8.0	11.9	16.4	21.1	25.7	30.3	34.5	38.8
25°	0.0	1.9	4.9	8.2	12.3	17.0	21.8	26.4	31.1	35.4	39.8
22.5°	0.0	1.9	5.0	8.4	12.7	17.5	22.4	27.1	31.8	36.1	40.6
20°	0.0	2.0	5.1	8.6	13.0	17.9	22.9	27.7	32.4	36.8	41.3
17.5°	0.0	2.0	5.2	8.8	13.3	18.3	23.3	28.3	33.0	37.4	41.9
15°	0.0	2.0	5.3	8.9	13.6	18.7	23.7	28.7	33.4	37.9	42.5
12.5°	0.0	2.1	5.3	9.0	13.8	19.0	24.0	29.1	33.9	38.3	42.9
10°	0.0	2.1	5.4	9.1	14.0	19.2	24.3	29.4	34.2	38.7	43.3
7.5°	0.0	2.1	5.4	9.2	14.2	19.4	24.5	29.7	34.5	39.0	43.6
5°	0.0	2.1	5.5	9.3	14.4	19.5	24.7	29.9	34.6	39.3	43.8
2.5°	0.0	2.1	5.5	9.3	14.4	19.6	24.8	30.0	34.8	39.5	43.8
0°	0.0	2.1	5.5	9.3	14.5	19.6	24.8	30.0	34.8	39.6	43.8
-2.5°	0.0	2.1	5.5	9.3	14.5	19.6	24.8	30.0	34.8	39.6	43.8
-5°	0.0	2.1	5.5	9.3	14.4	19.5	24.7	29.9	34.6	39.3	43.8
-7.5°	0.0	2.1	5.4	9.2	14.2	19.4	24.5	29.7	34.5	39.0	43.6
-10°	0.0	2.1	5.4	9.1	14.0	19.2	24.3	29.4	34.2	38.7	43.3
-12.5°	0.0	2.1	5.3	9.0	13.8	19.0	24.0	29.1	33.9	38.3	42.9
-15°	0.0	2.0	5.3	8.9	13.6	18.7	23.7	28.7	33.4	37.9	42.5
-17.5°	0.0	2.0	5.2	8.8	13.3	18.3	23.3	28.3	33.0	37.4	41.9
-20°	0.0	2.0	5.1	8.6	13.0	17.9	22.9	27.7	32.4	36.8	41.3



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 CATALOG NUMBER: GFLD-SA1B-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	1.9	5.0	8.4	12.7	17.5	22.4	27.1	31.8	36.1	40.6
-25°	0.0	1.9	4.9	8.2	12.3	17.0	21.8	26.4	31.1	35.4	39.8
-27.5°	0.0	1.9	4.7	8.0	11.9	16.4	21.1	25.7	30.3	34.5	38.8
-30°	0.0	1.8	4.6	7.8	11.5	15.9	20.5	24.9	29.4	33.6	37.8
-32.5°	0.0	1.8	4.4	7.5	11.1	15.2	19.7	24.0	28.4	32.6	36.6
-35°	0.0	1.7	4.3	7.2	10.6	14.6	18.9	23.1	27.3	31.5	35.3
-37.5°	0.0	1.7	4.1	6.9	10.1	13.9	18.1	22.1	26.2	30.3	34.0
-40°	0.0	1.6	3.9	6.6	9.6	13.2	17.2	21.1	25.0	29.0	32.6
-42.5°	0.0	1.5	3.7	6.3	9.1	12.5	16.2	20.0	23.7	27.5	31.2
-45°	0.0	1.5	3.5	5.9	8.6	11.8	15.3	18.9	22.4	26.0	29.6
-47.5°	0.0	1.4	3.3	5.6	8.1	11.0	14.2	17.7	21.1	24.5	27.9
-50°	0.0	1.3	3.1	5.2	7.6	10.3	13.3	16.5	19.7	22.9	26.1
-52.5°	0.0	1.3	2.8	4.9	7.1	9.4	12.3	15.2	18.3	21.3	24.3
-55°	0.0	1.2	2.6	4.5	6.5	8.7	11.3	14.0	16.8	19.7	22.5
-57.5°	0.0	1.1	2.4	4.1	5.9	8.0	10.2	12.8	15.3	18.0	20.6
-60°	0.0	1.0	2.1	3.8	5.4	7.3	9.2	11.5	13.8	16.2	18.7
-62.5°	0.0	1.0	1.9	3.4	4.9	6.5	8.3	10.2	12.3	14.5	16.7
-65°	0.0	0.9	1.8	3.0	4.3	5.7	7.3	9.0	10.9	12.8	14.7
-67.5°	0.0	0.8	1.6	2.6	3.8	5.0	6.3	7.9	9.3	11.1	12.8
-70°	0.0	0.7	1.4	2.2	3.3	4.3	5.4	6.7	8.1	9.3	10.9
-72.5°	0.0	0.6	1.3	1.9	2.7	3.7	4.6	5.6	6.8	7.9	9.0
-75°	0.0	0.5	1.1	1.6	2.2	3.0	3.8	4.6	5.5	6.5	7.4
-77.5°	0.0	0.5	0.9	1.4	1.8	2.3	3.0	3.7	4.4	5.1	5.9
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.7	3.3	3.8	4.4
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.6	3.0
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	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





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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°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
85°	1.9	2.1	2.3	2.6	2.8	2.9	3.1	3.2	3.4	3.6	3.9
82.5°	3.4	3.7	4.0	4.3	4.6	4.8	5.0	5.3	5.8	6.2	6.6
80°	4.9	5.3	5.9	6.4	6.9	7.4	8.0	8.5	9.0	9.4	9.9
77.5°	6.6	7.3	8.0	8.7	9.4	10.3	11.0	11.8	12.5	13.2	13.9
75°	8.3	9.2	10.2	11.3	12.3	13.3	14.2	15.2	16.2	17.1	17.9
72.5°	10.2	11.5	12.8	14.0	15.3	16.6	17.8	18.9	20.0	21.2	22.2
70°	12.3	13.8	15.4	17.0	18.5	19.9	21.4	22.8	24.2	25.5	26.5
67.5°	14.5	16.3	18.1	19.9	21.6	23.3	25.0	26.6	28.0	29.3	30.5
65°	16.7	18.7	20.7	22.7	24.6	26.5	28.4	30.1	31.7	33.1	34.5
62.5°	18.9	21.1	23.3	25.5	27.7	29.8	31.7	33.5	35.3	36.8	38.3
60°	21.1	23.5	25.8	28.3	30.7	32.9	35.0	36.9	38.6	40.3	41.9
57.5°	23.2	25.7	28.3	30.9	33.5	35.9	38.0	40.0	41.8	43.5	45.2
55°	25.2	27.9	30.7	33.5	36.1	38.6	40.8	42.9	44.8	46.4	47.9
52.5°	27.3	30.1	33.0	35.9	38.6	41.2	43.5	45.6	47.3	49.0	50.3
50°	29.2	32.2	35.3	38.2	40.9	43.6	45.9	47.9	49.6	51.1	52.3
47.5°	31.1	34.3	37.3	40.3	43.1	45.7	48.0	49.9	51.5	52.9	54.0
45°	32.9	36.2	39.3	42.3	45.1	47.7	49.8	51.7	53.2	54.5	55.7
42.5°	34.6	38.0	41.2	44.1	47.0	49.4	51.5	53.2	54.8	56.1	57.4
40°	36.2	39.8	43.0	45.9	48.7	51.0	53.0	54.7	56.3	57.8	59.2
37.5°	37.8	41.5	44.8	47.7	50.1	52.4	54.3	56.1	57.8	59.5	61.4
35°	39.4	43.0	46.4	49.3	51.7	53.6	55.6	57.5	59.5	61.6	63.8
32.5°	40.8	44.5	47.9	50.6	52.8	54.8	56.9	59.1	61.5	63.9	66.6
30°	42.0	45.9	49.3	51.8	53.9	55.8	58.3	60.9	63.7	66.4	69.6
27.5°	43.1	47.2	50.4	52.8	54.8	56.7	59.4	62.8	65.8	68.7	72.2
25°	44.1	48.2	51.3	53.6	55.5	57.5	60.3	63.8	67.6	70.8	75.7
22.5°	45.0	49.1	52.2	54.3	56.0	58.2	61.1	64.5	68.4	72.5	79.3
20°	45.7	49.8	53.0	54.9	56.4	58.7	61.5	65.0	69.4	75.1	82.7
17.5°	46.4	50.5	53.5	55.3	56.9	59.1	61.6	65.3	70.3	77.6	85.8
15°	47.0	51.2	54.0	55.7	57.3	59.5	62.2	66.1	71.8	79.8	88.7
12.5°	47.4	51.8	54.4	55.9	57.6	59.7	62.8	67.2	73.6	82.0	91.9
10°	47.8	52.4	54.7	56.1	57.7	59.9	63.3	68.1	75.1	84.1	94.7
7.5°	48.1	52.9	54.9	56.3	57.8	60.0	63.8	68.7	76.1	85.8	97.1
5°	48.4	53.2	55.1	56.4	57.7	60.1	64.1	69.1	76.8	87.1	98.9
2.5°	48.5	53.3	55.3	56.5	57.6	60.1	64.3	69.8	77.6	88.1	100.0
0°	48.6	53.4	55.5	56.5	57.5	60.0	64.4	70.3	78.2	88.6	100.3
-2.5°	48.5	53.3	55.3	56.5	57.6	60.1	64.3	69.8	77.6	88.1	100.0
-5°	48.4	53.2	55.1	56.4	57.7	60.1	64.1	69.1	76.8	87.1	98.9
-7.5°	48.1	52.9	54.9	56.3	57.8	60.0	63.8	68.7	76.1	85.8	97.1
-10°	47.8	52.4	54.7	56.1	57.7	59.9	63.3	68.1	75.1	84.1	94.7
-12.5°	47.4	51.8	54.4	55.9	57.6	59.7	62.8	67.2	73.6	82.0	91.9
-15°	47.0	51.2	54.0	55.7	57.3	59.5	62.2	66.1	71.8	79.8	88.7
-17.5°	46.4	50.5	53.5	55.3	56.9	59.1	61.6	65.3	70.3	77.6	85.8
-20°	45.7	49.8	53.0	54.9	56.4	58.7	61.5	65.0	69.4	75.1	82.7



REPORT NUMBER: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	45.0	49.1	52.2	54.3	56.0	58.2	61.1	64.5	68.4	72.5	79.3
-25°	44.1	48.2	51.3	53.6	55.5	57.5	60.3	63.8	67.6	70.8	75.7
-27.5°	43.1	47.2	50.4	52.8	54.8	56.7	59.4	62.8	65.8	68.7	72.2
-30°	42.0	45.9	49.3	51.8	53.9	55.8	58.3	60.9	63.7	66.4	69.6
-32.5°	40.8	44.5	47.9	50.6	52.8	54.8	56.9	59.1	61.5	63.9	66.6
-35°	39.4	43.0	46.4	49.3	51.7	53.6	55.6	57.5	59.5	61.6	63.8
-37.5°	37.8	41.5	44.8	47.7	50.1	52.4	54.3	56.1	57.8	59.5	61.4
-40°	36.2	39.8	43.0	45.9	48.7	51.0	53.0	54.7	56.3	57.8	59.2
-42.5°	34.6	38.0	41.2	44.1	47.0	49.4	51.5	53.2	54.8	56.1	57.4
-45°	32.9	36.2	39.3	42.3	45.1	47.7	49.8	51.7	53.2	54.5	55.7
-47.5°	31.1	34.3	37.3	40.3	43.1	45.7	48.0	49.9	51.5	52.9	54.0
-50°	29.2	32.2	35.3	38.2	40.9	43.6	45.9	47.9	49.6	51.1	52.3
-52.5°	27.3	30.1	33.0	35.9	38.6	41.2	43.5	45.6	47.3	49.0	50.3
-55°	25.2	27.9	30.7	33.5	36.1	38.6	40.8	42.9	44.8	46.4	47.9
-57.5°	23.2	25.7	28.3	30.9	33.5	35.9	38.0	40.0	41.8	43.5	45.2
-60°	21.1	23.5	25.8	28.3	30.7	32.9	35.0	36.9	38.6	40.3	41.9
-62.5°	18.9	21.1	23.3	25.5	27.7	29.8	31.7	33.5	35.3	36.8	38.3
-65°	16.7	18.7	20.7	22.7	24.6	26.5	28.4	30.1	31.7	33.1	34.5
-67.5°	14.5	16.3	18.1	19.9	21.6	23.3	25.0	26.6	28.0	29.3	30.5
-70°	12.3	13.8	15.4	17.0	18.5	19.9	21.4	22.8	24.2	25.5	26.5
-72.5°	10.2	11.5	12.8	14.0	15.3	16.6	17.8	18.9	20.0	21.2	22.2
-75°	8.3	9.2	10.2	11.3	12.3	13.3	14.2	15.2	16.2	17.1	17.9
-77.5°	6.6	7.3	8.0	8.7	9.4	10.3	11.0	11.8	12.5	13.2	13.9
-80°	4.9	5.3	5.9	6.4	6.9	7.4	8.0	8.5	9.0	9.4	9.9
-82.5°	3.4	3.7	4.0	4.3	4.6	4.8	5.0	5.3	5.8	6.2	6.6
-85°	1.9	2.1	2.3	2.6	2.8	2.9	3.1	3.2	3.4	3.6	3.9
-87.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
-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: P558519 (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°
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°	1.7	1.7	1.6	1.6	1.5	1.7	1.8	1.9	2.0	2.1	2.1
85°	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2
82.5°	6.9	7.2	7.5	7.7	7.9	8.2	8.4	8.7	8.9	9.0	9.1
80°	10.4	10.9	11.3	11.7	12.0	12.4	12.8	13.1	13.4	13.6	13.8
77.5°	14.5	15.1	15.7	16.2	16.7	17.2	17.6	17.9	18.2	18.5	18.8
75°	18.8	19.5	20.3	20.9	21.5	22.1	22.5	23.0	23.4	23.7	24.0
72.5°	23.2	24.1	24.9	25.6	26.3	27.0	27.6	28.2	28.6	29.1	29.4
70°	27.5	28.5	29.4	30.3	31.1	31.9	32.5	33.1	33.7	34.1	34.5
67.5°	31.6	32.7	33.8	34.8	35.7	36.5	37.3	38.0	38.6	39.1	39.4
65°	35.7	36.9	38.1	39.2	40.1	40.9	41.8	42.5	43.2	43.6	44.0
62.5°	39.7	41.1	42.2	43.3	44.3	45.2	45.9	46.6	47.2	47.7	48.0
60°	43.3	44.7	45.8	46.8	47.8	48.6	49.3	50.0	50.7	51.3	51.8
57.5°	46.5	47.8	48.9	49.8	50.6	51.4	52.1	52.7	53.2	53.5	53.8
55°	49.3	50.4	51.4	52.3	53.0	53.7	54.2	54.6	54.9	55.2	55.3
52.5°	51.6	52.6	53.6	54.5	55.1	55.6	56.1	56.6	56.8	56.9	56.8
50°	53.5	54.6	55.5	56.3	57.1	57.9	58.9	59.3	59.5	59.3	59.2
47.5°	55.2	56.3	57.3	58.2	59.4	60.8	62.3	63.0	62.9	62.6	62.5
45°	56.9	58.0	59.2	60.8	62.4	64.2	65.9	67.0	67.0	67.1	67.3
42.5°	58.6	60.1	61.8	63.8	65.8	67.9	69.8	71.2	72.2	73.4	74.4
40°	60.8	62.5	64.9	67.4	70.1	72.4	75.2	77.7	79.7	81.5	82.9
37.5°	63.4	65.7	68.8	72.1	75.6	79.1	82.4	85.5	88.1	91.1	93.4
35°	66.4	69.8	73.5	77.6	82.0	86.4	90.6	95.6	100.0	103.8	107.0
32.5°	70.0	74.0	78.7	84.1	89.5	95.3	101.5	107.9	114.0	120.3	126.7
30°	73.6	79.0	84.9	91.4	97.8	105.4	113.5	123.8	134.7	147.1	166.2
27.5°	78.0	84.4	91.3	98.8	107.5	117.4	132.8	151.9	184.7	209.2	274.9
25°	82.3	89.6	98.4	108.1	119.9	137.9	174.7	217.3	312.3	401.2	503.9
22.5°	86.6	95.7	106.3	118.1	138.6	184.8	255.0	383.6	530.2	685.9	844.5
20°	91.0	101.7	115.0	134.7	177.5	256.6	414.2	620.8	829.2	1083.8	1304.0
17.5°	96.0	109.2	126.5	156.2	226.7	396.2	629.3	916.0	1238.5	1565.8	1840.6
15°	100.0	115.5	138.8	196.8	329.8	554.7	859.7	1248.3	1688.1	2101.9	2454.9
12.5°	104.5	122.6	153.1	229.7	425.0	720.7	1122.6	1600.8	2128.4	2695.4	3593.2
10°	108.7	129.7	177.2	298.1	534.7	888.3	1358.0	1896.8	2536.6	3671.9	5794.1
7.5°	112.2	135.3	195.4	349.0	634.0	1046.5	1550.0	2149.9	3111.9	5019.2	8590.4
5°	114.6	139.0	208.0	387.2	713.1	1163.2	1672.7	2316.6	3698.8	6666.1	10966.2
2.5°	116.3	141.1	214.7	409.4	763.1	1240.5	1759.6	2428.7	4092.8	7618.8	12656.8
0°	117.5	141.6	216.0	428.7	780.1	1266.7	1763.9	2458.9	4227.9	7990.7	13259.2
-2.5°	116.3	141.1	214.7	409.4	763.1	1240.5	1759.6	2428.7	4092.8	7618.8	12656.8
-5°	114.6	139.0	208.0	387.2	713.1	1163.2	1672.7	2316.6	3698.8	6666.1	10966.2
-7.5°	112.2	135.3	195.4	349.0	634.0	1046.5	1550.0	2149.9	3111.9	5019.2	8590.4
-10°	108.7	129.7	177.2	298.1	534.7	888.3	1358.0	1896.8	2536.6	3671.9	5794.1
-12.5°	104.5	122.6	153.1	229.7	425.0	720.7	1122.6	1600.8	2128.4	2695.4	3593.2
-15°	100.0	115.5	138.8	196.8	329.8	554.7	859.7	1248.3	1688.1	2101.9	2454.9
-17.5°	96.0	109.2	126.5	156.2	226.7	396.2	629.3	916.0	1238.5	1565.8	1840.6
-20°	91.0	101.7	115.0	134.7	177.5	256.6	414.2	620.8	829.2	1083.8	1304.0



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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°	86.6	95.7	106.3	118.1	138.6	184.8	255.0	383.6	530.2	685.9	844.5
-25°	82.3	89.6	98.4	108.1	119.9	137.9	174.7	217.3	312.3	401.2	503.9
-27.5°	78.0	84.4	91.3	98.8	107.5	117.4	132.8	151.9	184.7	209.2	274.9
-30°	73.6	79.0	84.9	91.4	97.8	105.4	113.5	123.8	134.7	147.1	166.2
-32.5°	70.0	74.0	78.7	84.1	89.5	95.3	101.5	107.9	114.0	120.3	126.7
-35°	66.4	69.8	73.5	77.6	82.0	86.4	90.6	95.6	100.0	103.8	107.0
-37.5°	63.4	65.7	68.8	72.1	75.6	79.1	82.4	85.5	88.1	91.1	93.4
-40°	60.8	62.5	64.9	67.4	70.1	72.4	75.2	77.7	79.7	81.5	82.9
-42.5°	58.6	60.1	61.8	63.8	65.8	67.9	69.8	71.2	72.2	73.4	74.4
-45°	56.9	58.0	59.2	60.8	62.4	64.2	65.9	67.0	67.0	67.1	67.3
-47.5°	55.2	56.3	57.3	58.2	59.4	60.8	62.3	63.0	62.9	62.6	62.5
-50°	53.5	54.6	55.5	56.3	57.1	57.9	58.9	59.3	59.5	59.3	59.2
-52.5°	51.6	52.6	53.6	54.5	55.1	55.6	56.1	56.6	56.8	56.9	56.8
-55°	49.3	50.4	51.4	52.3	53.0	53.7	54.2	54.6	54.9	55.2	55.3
-57.5°	46.5	47.8	48.9	49.8	50.6	51.4	52.1	52.7	53.2	53.5	53.8
-60°	43.3	44.7	45.8	46.8	47.8	48.6	49.3	50.0	50.7	51.3	51.8
-62.5°	39.7	41.1	42.2	43.3	44.3	45.2	45.9	46.6	47.2	47.7	48.0
-65°	35.7	36.9	38.1	39.2	40.1	40.9	41.8	42.5	43.2	43.6	44.0
-67.5°	31.6	32.7	33.8	34.8	35.7	36.5	37.3	38.0	38.6	39.1	39.4
-70°	27.5	28.5	29.4	30.3	31.1	31.9	32.5	33.1	33.7	34.1	34.5
-72.5°	23.2	24.1	24.9	25.6	26.3	27.0	27.6	28.2	28.6	29.1	29.4
-75°	18.8	19.5	20.3	20.9	21.5	22.1	22.5	23.0	23.4	23.7	24.0
-77.5°	14.5	15.1	15.7	16.2	16.7	17.2	17.6	17.9	18.2	18.5	18.8
-80°	10.4	10.9	11.3	11.7	12.0	12.4	12.8	13.1	13.4	13.6	13.8
-82.5°	6.9	7.2	7.5	7.7	7.9	8.2	8.4	8.7	8.9	9.0	9.1
-85°	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.9	5.0	5.1	5.2
-87.5°	1.7	1.7	1.6	1.6	1.5	1.7	1.8	1.9	2.0	2.1	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: P558519 (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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
85°	5.4	5.5	5.3	5.2	5.3	5.5	5.4	5.2	5.1	5.0	4.9
82.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9	8.7
80°	13.9	14.0	14.3	14.5	14.3	14.0	13.9	13.8	13.6	13.4	13.1
77.5°	19.0	19.2	19.3	19.3	19.3	19.2	19.0	18.8	18.5	18.2	17.9
75°	24.2	24.4	24.8	25.2	24.8	24.4	24.2	24.0	23.7	23.4	23.0
72.5°	29.7	29.8	30.1	30.3	30.1	29.8	29.7	29.4	29.1	28.6	28.2
70°	34.7	34.9	35.1	35.1	35.1	34.9	34.7	34.5	34.1	33.7	33.1
67.5°	39.7	39.8	39.8	39.6	39.8	39.8	39.7	39.4	39.1	38.6	38.0
65°	44.2	44.3	44.3	44.1	44.3	44.3	44.2	44.0	43.6	43.2	42.5
62.5°	48.3	48.4	48.6	48.6	48.6	48.4	48.3	48.0	47.7	47.2	46.6
60°	52.2	52.5	52.6	52.7	52.6	52.5	52.2	51.8	51.3	50.7	50.0
57.5°	54.1	54.3	54.4	54.4	54.4	54.3	54.1	53.8	53.5	53.2	52.7
55°	55.4	55.5	55.3	55.1	55.3	55.5	55.4	55.3	55.2	54.9	54.6
52.5°	56.7	56.6	56.5	56.5	56.5	56.6	56.7	56.8	56.9	56.8	56.6
50°	59.0	58.7	58.6	58.6	58.6	58.7	59.0	59.2	59.3	59.5	59.3
47.5°	62.7	62.9	63.0	63.1	63.0	62.9	62.7	62.5	62.6	62.9	63.0
45°	68.0	68.5	68.8	68.9	68.8	68.5	68.0	67.3	67.1	67.0	67.0
42.5°	75.4	76.0	76.2	76.2	76.2	76.0	75.4	74.4	73.4	72.2	71.2
40°	84.3	85.5	86.2	86.1	86.2	85.5	84.3	82.9	81.5	79.7	77.7
37.5°	95.4	97.0	97.7	97.5	97.7	97.0	95.4	93.4	91.1	88.1	85.5
35°	109.4	111.0	111.6	112.3	111.6	111.0	109.4	107.0	103.8	100.0	95.6
32.5°	131.7	134.8	136.1	134.4	136.1	134.8	131.7	126.7	120.3	114.0	107.9
30°	179.1	190.5	198.1	201.9	198.1	190.5	179.1	166.2	147.1	134.7	123.8
27.5°	320.1	350.0	362.7	369.7	362.7	350.0	320.1	274.9	209.2	184.7	151.9
25°	591.8	655.7	692.5	689.5	692.5	655.7	591.8	503.9	401.2	312.3	217.3
22.5°	991.9	1092.7	1153.2	1175.3	1153.2	1092.7	991.9	844.5	685.9	530.2	383.6
20°	1487.8	1600.8	1659.9	1668.8	1659.9	1600.8	1487.8	1304.0	1083.8	829.2	620.8
17.5°	2056.9	2164.1	2226.4	2225.6	2226.4	2164.1	2056.9	1840.6	1565.8	1238.5	916.0
15°	2935.6	3350.4	3584.3	3550.2	3584.3	3350.4	2935.6	2454.9	2101.9	1688.1	1248.3
12.5°	4810.2	6467.0	7494.7	7748.4	7494.7	6467.0	4810.2	3593.2	2695.4	2128.4	1600.8
10°	8500.3	10978.9	12958.4	13530.4	12958.4	10978.9	8500.3	5794.1	3671.9	2536.6	1896.8
7.5°	12227.0	15168.8	16379.5	16520.1	16379.5	15168.8	12227.0	8590.4	5019.2	3111.9	2149.9
5°	15040.1	18033.4	18379.8	17509.6	18379.8	18033.4	15040.1	10966.2	6666.1	3698.8	2316.6
2.5°	16896.9	19158.4	19481.3	19013.0	19481.3	19158.4	16896.9	12656.8	7618.8	4092.8	2428.7
0°	17320.3	18859.3	19318.1	19368.2	19318.1	18859.3	17320.3	13259.2	7990.7	4227.9	2458.9
-2.5°	16896.9	19158.4	19481.3	19013.0	19481.3	19158.4	16896.9	12656.8	7618.8	4092.8	2428.7
-5°	15040.1	18033.4	18379.8	17509.6	18379.8	18033.4	15040.1	10966.2	6666.1	3698.8	2316.6
-7.5°	12227.0	15168.8	16379.5	16520.1	16379.5	15168.8	12227.0	8590.4	5019.2	3111.9	2149.9
-10°	8500.3	10978.9	12958.4	13530.4	12958.4	10978.9	8500.3	5794.1	3671.9	2536.6	1896.8
-12.5°	4810.2	6467.0	7494.7	7748.4	7494.7	6467.0	4810.2	3593.2	2695.4	2128.4	1600.8
-15°	2935.6	3350.4	3584.3	3550.2	3584.3	3350.4	2935.6	2454.9	2101.9	1688.1	1248.3
-17.5°	2056.9	2164.1	2226.4	2225.6	2226.4	2164.1	2056.9	1840.6	1565.8	1238.5	916.0
-20°	1487.8	1600.8	1659.9	1668.8	1659.9	1600.8	1487.8	1304.0	1083.8	829.2	620.8



REPORT NUMBER: P558519 (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°
-22.5°	991.9	1092.7	1153.2	1175.3	1153.2	1092.7	991.9	844.5	685.9	530.2	383.6
-25°	591.8	655.7	692.5	689.5	692.5	655.7	591.8	503.9	401.2	312.3	217.3
-27.5°	320.1	350.0	362.7	369.7	362.7	350.0	320.1	274.9	209.2	184.7	151.9
-30°	179.1	190.5	198.1	201.9	198.1	190.5	179.1	166.2	147.1	134.7	123.8
-32.5°	131.7	134.8	136.1	134.4	136.1	134.8	131.7	126.7	120.3	114.0	107.9
-35°	109.4	111.0	111.6	112.3	111.6	111.0	109.4	107.0	103.8	100.0	95.6
-37.5°	95.4	97.0	97.7	97.5	97.7	97.0	95.4	93.4	91.1	88.1	85.5
-40°	84.3	85.5	86.2	86.1	86.2	85.5	84.3	82.9	81.5	79.7	77.7
-42.5°	75.4	76.0	76.2	76.2	76.2	76.0	75.4	74.4	73.4	72.2	71.2
-45°	68.0	68.5	68.8	68.9	68.8	68.5	68.0	67.3	67.1	67.0	67.0
-47.5°	62.7	62.9	63.0	63.1	63.0	62.9	62.7	62.5	62.6	62.9	63.0
-50°	59.0	58.7	58.6	58.6	58.6	58.7	59.0	59.2	59.3	59.5	59.3
-52.5°	56.7	56.6	56.5	56.5	56.5	56.6	56.7	56.8	56.9	56.8	56.6
-55°	55.4	55.5	55.3	55.1	55.3	55.5	55.4	55.3	55.2	54.9	54.6
-57.5°	54.1	54.3	54.4	54.4	54.4	54.3	54.1	53.8	53.5	53.2	52.7
-60°	52.2	52.5	52.6	52.7	52.6	52.5	52.2	51.8	51.3	50.7	50.0
-62.5°	48.3	48.4	48.6	48.6	48.6	48.4	48.3	48.0	47.7	47.2	46.6
-65°	44.2	44.3	44.3	44.1	44.3	44.3	44.2	44.0	43.6	43.2	42.5
-67.5°	39.7	39.8	39.8	39.6	39.8	39.8	39.7	39.4	39.1	38.6	38.0
-70°	34.7	34.9	35.1	35.1	35.1	34.9	34.7	34.5	34.1	33.7	33.1
-72.5°	29.7	29.8	30.1	30.3	30.1	29.8	29.7	29.4	29.1	28.6	28.2
-75°	24.2	24.4	24.8	25.2	24.8	24.4	24.2	24.0	23.7	23.4	23.0
-77.5°	19.0	19.2	19.3	19.3	19.3	19.2	19.0	18.8	18.5	18.2	17.9
-80°	13.9	14.0	14.3	14.5	14.3	14.0	13.9	13.8	13.6	13.4	13.1
-82.5°	9.2	9.3	9.3	9.3	9.3	9.3	9.2	9.1	9.0	8.9	8.7
-85°	5.4	5.5	5.3	5.2	5.3	5.5	5.4	5.2	5.1	5.0	4.9
-87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
-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: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1.8	1.7	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5
85°	4.8	4.7	4.5	4.4	4.3	4.2	4.1	3.9	3.6	3.4	3.2
82.5°	8.4	8.2	7.9	7.7	7.5	7.2	6.9	6.6	6.2	5.8	5.3
80°	12.8	12.4	12.0	11.7	11.3	10.9	10.4	9.9	9.4	9.0	8.5
77.5°	17.6	17.2	16.7	16.2	15.7	15.1	14.5	13.9	13.2	12.5	11.8
75°	22.5	22.1	21.5	20.9	20.3	19.5	18.8	17.9	17.1	16.2	15.2
72.5°	27.6	27.0	26.3	25.6	24.9	24.1	23.2	22.2	21.2	20.0	18.9
70°	32.5	31.9	31.1	30.3	29.4	28.5	27.5	26.5	25.5	24.2	22.8
67.5°	37.3	36.5	35.7	34.8	33.8	32.7	31.6	30.5	29.3	28.0	26.6
65°	41.8	40.9	40.1	39.2	38.1	36.9	35.7	34.5	33.1	31.7	30.1
62.5°	45.9	45.2	44.3	43.3	42.2	41.1	39.7	38.3	36.8	35.3	33.5
60°	49.3	48.6	47.8	46.8	45.8	44.7	43.3	41.9	40.3	38.6	36.9
57.5°	52.1	51.4	50.6	49.8	48.9	47.8	46.5	45.2	43.5	41.8	40.0
55°	54.2	53.7	53.0	52.3	51.4	50.4	49.3	47.9	46.4	44.8	42.9
52.5°	56.1	55.6	55.1	54.5	53.6	52.6	51.6	50.3	49.0	47.3	45.6
50°	58.9	57.9	57.1	56.3	55.5	54.6	53.5	52.3	51.1	49.6	47.9
47.5°	62.3	60.8	59.4	58.2	57.3	56.3	55.2	54.0	52.9	51.5	49.9
45°	65.9	64.2	62.4	60.8	59.2	58.0	56.9	55.7	54.5	53.2	51.7
42.5°	69.8	67.9	65.8	63.8	61.8	60.1	58.6	57.4	56.1	54.8	53.2
40°	75.2	72.4	70.1	67.4	64.9	62.5	60.8	59.2	57.8	56.3	54.7
37.5°	82.4	79.1	75.6	72.1	68.8	65.7	63.4	61.4	59.5	57.8	56.1
35°	90.6	86.4	82.0	77.6	73.5	69.8	66.4	63.8	61.6	59.5	57.5
32.5°	101.5	95.3	89.5	84.1	78.7	74.0	70.0	66.6	63.9	61.5	59.1
30°	113.5	105.4	97.8	91.4	84.9	79.0	73.6	69.6	66.4	63.7	60.9
27.5°	132.8	117.4	107.5	98.8	91.3	84.4	78.0	72.2	68.7	65.8	62.8
25°	174.7	137.9	119.9	108.1	98.4	89.6	82.3	75.7	70.8	67.6	63.8
22.5°	255.0	184.8	138.6	118.1	106.3	95.7	86.6	79.3	72.5	68.4	64.5
20°	414.2	256.6	177.5	134.7	115.0	101.7	91.0	82.7	75.1	69.4	65.0
17.5°	629.3	396.2	226.7	156.2	126.5	109.2	96.0	85.8	77.6	70.3	65.3
15°	859.7	554.7	329.8	196.8	138.8	115.5	100.0	88.7	79.8	71.8	66.1
12.5°	1122.6	720.7	425.0	229.7	153.1	122.6	104.5	91.9	82.0	73.6	67.2
10°	1358.0	888.3	534.7	298.1	177.2	129.7	108.7	94.7	84.1	75.1	68.1
7.5°	1550.0	1046.5	634.0	349.0	195.4	135.3	112.2	97.1	85.8	76.1	68.7
5°	1672.7	1163.2	713.1	387.2	208.0	139.0	114.6	98.9	87.1	76.8	69.1
2.5°	1759.6	1240.5	763.1	409.4	214.7	141.1	116.3	100.0	88.1	77.6	69.8
0°	1763.9	1266.7	780.1	428.7	216.0	141.6	117.5	100.3	88.6	78.2	70.3
-2.5°	1759.6	1240.5	763.1	409.4	214.7	141.1	116.3	100.0	88.1	77.6	69.8
-5°	1672.7	1163.2	713.1	387.2	208.0	139.0	114.6	98.9	87.1	76.8	69.1
-7.5°	1550.0	1046.5	634.0	349.0	195.4	135.3	112.2	97.1	85.8	76.1	68.7
-10°	1358.0	888.3	534.7	298.1	177.2	129.7	108.7	94.7	84.1	75.1	68.1
-12.5°	1122.6	720.7	425.0	229.7	153.1	122.6	104.5	91.9	82.0	73.6	67.2
-15°	859.7	554.7	329.8	196.8	138.8	115.5	100.0	88.7	79.8	71.8	66.1
-17.5°	629.3	396.2	226.7	156.2	126.5	109.2	96.0	85.8	77.6	70.3	65.3
-20°	414.2	256.6	177.5	134.7	115.0	101.7	91.0	82.7	75.1	69.4	65.0



REPORT NUMBER: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	255.0	184.8	138.6	118.1	106.3	95.7	86.6	79.3	72.5	68.4	64.5
-25°	174.7	137.9	119.9	108.1	98.4	89.6	82.3	75.7	70.8	67.6	63.8
-27.5°	132.8	117.4	107.5	98.8	91.3	84.4	78.0	72.2	68.7	65.8	62.8
-30°	113.5	105.4	97.8	91.4	84.9	79.0	73.6	69.6	66.4	63.7	60.9
-32.5°	101.5	95.3	89.5	84.1	78.7	74.0	70.0	66.6	63.9	61.5	59.1
-35°	90.6	86.4	82.0	77.6	73.5	69.8	66.4	63.8	61.6	59.5	57.5
-37.5°	82.4	79.1	75.6	72.1	68.8	65.7	63.4	61.4	59.5	57.8	56.1
-40°	75.2	72.4	70.1	67.4	64.9	62.5	60.8	59.2	57.8	56.3	54.7
-42.5°	69.8	67.9	65.8	63.8	61.8	60.1	58.6	57.4	56.1	54.8	53.2
-45°	65.9	64.2	62.4	60.8	59.2	58.0	56.9	55.7	54.5	53.2	51.7
-47.5°	62.3	60.8	59.4	58.2	57.3	56.3	55.2	54.0	52.9	51.5	49.9
-50°	58.9	57.9	57.1	56.3	55.5	54.6	53.5	52.3	51.1	49.6	47.9
-52.5°	56.1	55.6	55.1	54.5	53.6	52.6	51.6	50.3	49.0	47.3	45.6
-55°	54.2	53.7	53.0	52.3	51.4	50.4	49.3	47.9	46.4	44.8	42.9
-57.5°	52.1	51.4	50.6	49.8	48.9	47.8	46.5	45.2	43.5	41.8	40.0
-60°	49.3	48.6	47.8	46.8	45.8	44.7	43.3	41.9	40.3	38.6	36.9
-62.5°	45.9	45.2	44.3	43.3	42.2	41.1	39.7	38.3	36.8	35.3	33.5
-65°	41.8	40.9	40.1	39.2	38.1	36.9	35.7	34.5	33.1	31.7	30.1
-67.5°	37.3	36.5	35.7	34.8	33.8	32.7	31.6	30.5	29.3	28.0	26.6
-70°	32.5	31.9	31.1	30.3	29.4	28.5	27.5	26.5	25.5	24.2	22.8
-72.5°	27.6	27.0	26.3	25.6	24.9	24.1	23.2	22.2	21.2	20.0	18.9
-75°	22.5	22.1	21.5	20.9	20.3	19.5	18.8	17.9	17.1	16.2	15.2
-77.5°	17.6	17.2	16.7	16.2	15.7	15.1	14.5	13.9	13.2	12.5	11.8
-80°	12.8	12.4	12.0	11.7	11.3	10.9	10.4	9.9	9.4	9.0	8.5
-82.5°	8.4	8.2	7.9	7.7	7.5	7.2	6.9	6.6	6.2	5.8	5.3
-85°	4.8	4.7	4.5	4.4	4.3	4.2	4.1	3.9	3.6	3.4	3.2
-87.5°	1.8	1.7	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5
-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: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
85°	3.1	2.9	2.8	2.6	2.3	2.1	1.9	1.8	1.6	1.4	1.3
82.5°	5.0	4.8	4.6	4.3	4.0	3.7	3.4	3.0	2.6	2.2	1.9
80°	8.0	7.4	6.9	6.4	5.9	5.3	4.9	4.4	3.8	3.3	2.7
77.5°	11.0	10.3	9.4	8.7	8.0	7.3	6.6	5.9	5.1	4.4	3.7
75°	14.2	13.3	12.3	11.3	10.2	9.2	8.3	7.4	6.5	5.5	4.6
72.5°	17.8	16.6	15.3	14.0	12.8	11.5	10.2	9.0	7.9	6.8	5.6
70°	21.4	19.9	18.5	17.0	15.4	13.8	12.3	10.9	9.3	8.1	6.7
67.5°	25.0	23.3	21.6	19.9	18.1	16.3	14.5	12.8	11.1	9.3	7.9
65°	28.4	26.5	24.6	22.7	20.7	18.7	16.7	14.7	12.8	10.9	9.0
62.5°	31.7	29.8	27.7	25.5	23.3	21.1	18.9	16.7	14.5	12.3	10.2
60°	35.0	32.9	30.7	28.3	25.8	23.5	21.1	18.7	16.2	13.8	11.5
57.5°	38.0	35.9	33.5	30.9	28.3	25.7	23.2	20.6	18.0	15.3	12.8
55°	40.8	38.6	36.1	33.5	30.7	27.9	25.2	22.5	19.7	16.8	14.0
52.5°	43.5	41.2	38.6	35.9	33.0	30.1	27.3	24.3	21.3	18.3	15.2
50°	45.9	43.6	40.9	38.2	35.3	32.2	29.2	26.1	22.9	19.7	16.5
47.5°	48.0	45.7	43.1	40.3	37.3	34.3	31.1	27.9	24.5	21.1	17.7
45°	49.8	47.7	45.1	42.3	39.3	36.2	32.9	29.6	26.0	22.4	18.9
42.5°	51.5	49.4	47.0	44.1	41.2	38.0	34.6	31.2	27.5	23.7	20.0
40°	53.0	51.0	48.7	45.9	43.0	39.8	36.2	32.6	29.0	25.0	21.1
37.5°	54.3	52.4	50.1	47.7	44.8	41.5	37.8	34.0	30.3	26.2	22.1
35°	55.6	53.6	51.7	49.3	46.4	43.0	39.4	35.3	31.5	27.3	23.1
32.5°	56.9	54.8	52.8	50.6	47.9	44.5	40.8	36.6	32.6	28.4	24.0
30°	58.3	55.8	53.9	51.8	49.3	45.9	42.0	37.8	33.6	29.4	24.9
27.5°	59.4	56.7	54.8	52.8	50.4	47.2	43.1	38.8	34.5	30.3	25.7
25°	60.3	57.5	55.5	53.6	51.3	48.2	44.1	39.8	35.4	31.1	26.4
22.5°	61.1	58.2	56.0	54.3	52.2	49.1	45.0	40.6	36.1	31.8	27.1
20°	61.5	58.7	56.4	54.9	53.0	49.8	45.7	41.3	36.8	32.4	27.7
17.5°	61.6	59.1	56.9	55.3	53.5	50.5	46.4	41.9	37.4	33.0	28.3
15°	62.2	59.5	57.3	55.7	54.0	51.2	47.0	42.5	37.9	33.4	28.7
12.5°	62.8	59.7	57.6	55.9	54.4	51.8	47.4	42.9	38.3	33.9	29.1
10°	63.3	59.9	57.7	56.1	54.7	52.4	47.8	43.3	38.7	34.2	29.4
7.5°	63.8	60.0	57.8	56.3	54.9	52.9	48.1	43.6	39.0	34.5	29.7
5°	64.1	60.1	57.7	56.4	55.1	53.2	48.4	43.8	39.3	34.6	29.9
2.5°	64.3	60.1	57.6	56.5	55.3	53.3	48.5	43.8	39.5	34.8	30.0
0°	64.4	60.0	57.5	56.5	55.5	53.4	48.6	43.8	39.6	34.8	30.0
-2.5°	64.3	60.1	57.6	56.5	55.3	53.3	48.5	43.8	39.5	34.8	30.0
-5°	64.1	60.1	57.7	56.4	55.1	53.2	48.4	43.8	39.3	34.6	29.9
-7.5°	63.8	60.0	57.8	56.3	54.9	52.9	48.1	43.6	39.0	34.5	29.7
-10°	63.3	59.9	57.7	56.1	54.7	52.4	47.8	43.3	38.7	34.2	29.4
-12.5°	62.8	59.7	57.6	55.9	54.4	51.8	47.4	42.9	38.3	33.9	29.1
-15°	62.2	59.5	57.3	55.7	54.0	51.2	47.0	42.5	37.9	33.4	28.7
-17.5°	61.6	59.1	56.9	55.3	53.5	50.5	46.4	41.9	37.4	33.0	28.3
-20°	61.5	58.7	56.4	54.9	53.0	49.8	45.7	41.3	36.8	32.4	27.7



REPORT NUMBER: P558519 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	61.1	58.2	56.0	54.3	52.2	49.1	45.0	40.6	36.1	31.8	27.1
-25°	60.3	57.5	55.5	53.6	51.3	48.2	44.1	39.8	35.4	31.1	26.4
-27.5°	59.4	56.7	54.8	52.8	50.4	47.2	43.1	38.8	34.5	30.3	25.7
-30°	58.3	55.8	53.9	51.8	49.3	45.9	42.0	37.8	33.6	29.4	24.9
-32.5°	56.9	54.8	52.8	50.6	47.9	44.5	40.8	36.6	32.6	28.4	24.0
-35°	55.6	53.6	51.7	49.3	46.4	43.0	39.4	35.3	31.5	27.3	23.1
-37.5°	54.3	52.4	50.1	47.7	44.8	41.5	37.8	34.0	30.3	26.2	22.1
-40°	53.0	51.0	48.7	45.9	43.0	39.8	36.2	32.6	29.0	25.0	21.1
-42.5°	51.5	49.4	47.0	44.1	41.2	38.0	34.6	31.2	27.5	23.7	20.0
-45°	49.8	47.7	45.1	42.3	39.3	36.2	32.9	29.6	26.0	22.4	18.9
-47.5°	48.0	45.7	43.1	40.3	37.3	34.3	31.1	27.9	24.5	21.1	17.7
-50°	45.9	43.6	40.9	38.2	35.3	32.2	29.2	26.1	22.9	19.7	16.5
-52.5°	43.5	41.2	38.6	35.9	33.0	30.1	27.3	24.3	21.3	18.3	15.2
-55°	40.8	38.6	36.1	33.5	30.7	27.9	25.2	22.5	19.7	16.8	14.0
-57.5°	38.0	35.9	33.5	30.9	28.3	25.7	23.2	20.6	18.0	15.3	12.8
-60°	35.0	32.9	30.7	28.3	25.8	23.5	21.1	18.7	16.2	13.8	11.5
-62.5°	31.7	29.8	27.7	25.5	23.3	21.1	18.9	16.7	14.5	12.3	10.2
-65°	28.4	26.5	24.6	22.7	20.7	18.7	16.7	14.7	12.8	10.9	9.0
-67.5°	25.0	23.3	21.6	19.9	18.1	16.3	14.5	12.8	11.1	9.3	7.9
-70°	21.4	19.9	18.5	17.0	15.4	13.8	12.3	10.9	9.3	8.1	6.7
-72.5°	17.8	16.6	15.3	14.0	12.8	11.5	10.2	9.0	7.9	6.8	5.6
-75°	14.2	13.3	12.3	11.3	10.2	9.2	8.3	7.4	6.5	5.5	4.6
-77.5°	11.0	10.3	9.4	8.7	8.0	7.3	6.6	5.9	5.1	4.4	3.7
-80°	8.0	7.4	6.9	6.4	5.9	5.3	4.9	4.4	3.8	3.3	2.7
-82.5°	5.0	4.8	4.6	4.3	4.0	3.7	3.4	3.0	2.6	2.2	1.9
-85°	3.1	2.9	2.8	2.6	2.3	2.1	1.9	1.8	1.6	1.4	1.3
-87.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
-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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	3.0	2.3	1.8	1.4	0.9	0.5	0.0
75°	3.8	3.0	2.2	1.6	1.1	0.5	0.0
72.5°	4.6	3.7	2.7	1.9	1.3	0.6	0.0
70°	5.4	4.3	3.3	2.2	1.4	0.7	0.0
67.5°	6.3	5.0	3.8	2.6	1.6	0.8	0.0
65°	7.3	5.7	4.3	3.0	1.8	0.9	0.0
62.5°	8.3	6.5	4.9	3.4	1.9	1.0	0.0
60°	9.2	7.3	5.4	3.8	2.1	1.0	0.0
57.5°	10.2	8.0	5.9	4.1	2.4	1.1	0.0
55°	11.3	8.7	6.5	4.5	2.6	1.2	0.0
52.5°	12.3	9.4	7.1	4.9	2.8	1.3	0.0
50°	13.3	10.3	7.6	5.2	3.1	1.3	0.0
47.5°	14.2	11.0	8.1	5.6	3.3	1.4	0.0
45°	15.3	11.8	8.6	5.9	3.5	1.5	0.0
42.5°	16.2	12.5	9.1	6.3	3.7	1.5	0.0
40°	17.2	13.2	9.6	6.6	3.9	1.6	0.0
37.5°	18.1	13.9	10.1	6.9	4.1	1.7	0.0
35°	18.9	14.6	10.6	7.2	4.3	1.7	0.0
32.5°	19.7	15.2	11.1	7.5	4.4	1.8	0.0
30°	20.5	15.9	11.5	7.8	4.6	1.8	0.0
27.5°	21.1	16.4	11.9	8.0	4.7	1.9	0.0
25°	21.8	17.0	12.3	8.2	4.9	1.9	0.0
22.5°	22.4	17.5	12.7	8.4	5.0	1.9	0.0
20°	22.9	17.9	13.0	8.6	5.1	2.0	0.0
17.5°	23.3	18.3	13.3	8.8	5.2	2.0	0.0
15°	23.7	18.7	13.6	8.9	5.3	2.0	0.0
12.5°	24.0	19.0	13.8	9.0	5.3	2.1	0.0
10°	24.3	19.2	14.0	9.1	5.4	2.1	0.0
7.5°	24.5	19.4	14.2	9.2	5.4	2.1	0.0
5°	24.7	19.5	14.4	9.3	5.5	2.1	0.0
2.5°	24.8	19.6	14.4	9.3	5.5	2.1	0.0
0°	24.8	19.6	14.5	9.3	5.5	2.1	0.0
-2.5°	24.8	19.6	14.4	9.3	5.5	2.1	0.0
-5°	24.7	19.5	14.4	9.3	5.5	2.1	0.0
-7.5°	24.5	19.4	14.2	9.2	5.4	2.1	0.0
-10°	24.3	19.2	14.0	9.1	5.4	2.1	0.0
-12.5°	24.0	19.0	13.8	9.0	5.3	2.1	0.0
-15°	23.7	18.7	13.6	8.9	5.3	2.0	0.0
-17.5°	23.3	18.3	13.3	8.8	5.2	2.0	0.0
-20°	22.9	17.9	13.0	8.6	5.1	2.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.4	17.5	12.7	8.4	5.0	1.9	0.0
-25°	21.8	17.0	12.3	8.2	4.9	1.9	0.0
-27.5°	21.1	16.4	11.9	8.0	4.7	1.9	0.0
-30°	20.5	15.9	11.5	7.8	4.6	1.8	0.0
-32.5°	19.7	15.2	11.1	7.5	4.4	1.8	0.0
-35°	18.9	14.6	10.6	7.2	4.3	1.7	0.0
-37.5°	18.1	13.9	10.1	6.9	4.1	1.7	0.0
-40°	17.2	13.2	9.6	6.6	3.9	1.6	0.0
-42.5°	16.2	12.5	9.1	6.3	3.7	1.5	0.0
-45°	15.3	11.8	8.6	5.9	3.5	1.5	0.0
-47.5°	14.2	11.0	8.1	5.6	3.3	1.4	0.0
-50°	13.3	10.3	7.6	5.2	3.1	1.3	0.0
-52.5°	12.3	9.4	7.1	4.9	2.8	1.3	0.0
-55°	11.3	8.7	6.5	4.5	2.6	1.2	0.0
-57.5°	10.2	8.0	5.9	4.1	2.4	1.1	0.0
-60°	9.2	7.3	5.4	3.8	2.1	1.0	0.0
-62.5°	8.3	6.5	4.9	3.4	1.9	1.0	0.0
-65°	7.3	5.7	4.3	3.0	1.8	0.9	0.0
-67.5°	6.3	5.0	3.8	2.6	1.6	0.8	0.0
-70°	5.4	4.3	3.3	2.2	1.4	0.7	0.0
-72.5°	4.6	3.7	2.7	1.9	1.3	0.6	0.0
-75°	3.8	3.0	2.2	1.6	1.1	0.5	0.0
-77.5°	3.0	2.3	1.8	1.4	0.9	0.5	0.0
-80°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)