

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: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-927-U-TS-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

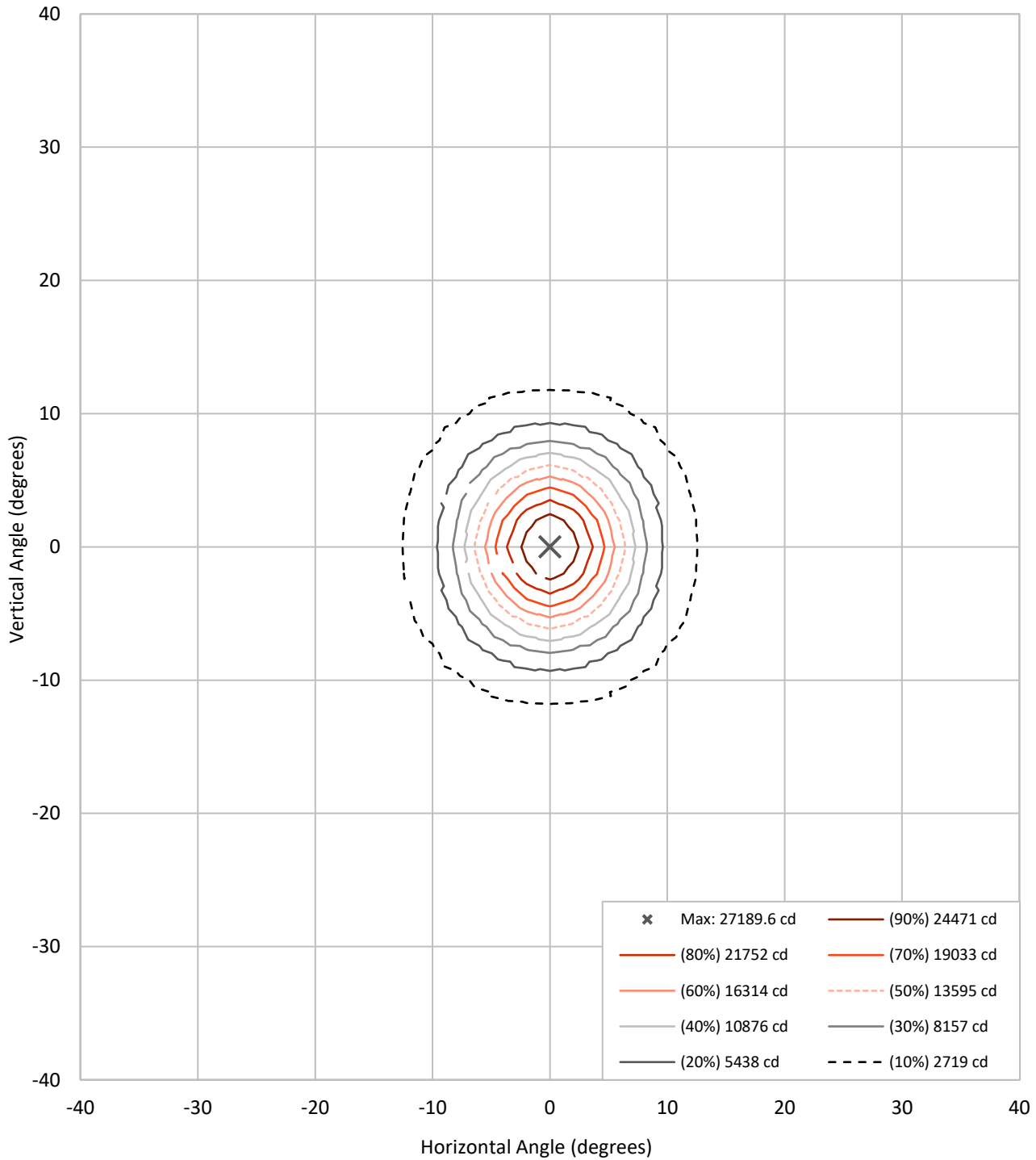
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	1970.9 lumens	Max Intensity:	27189.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	622.8 lumens	Field Lumens:	1379.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 18  
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





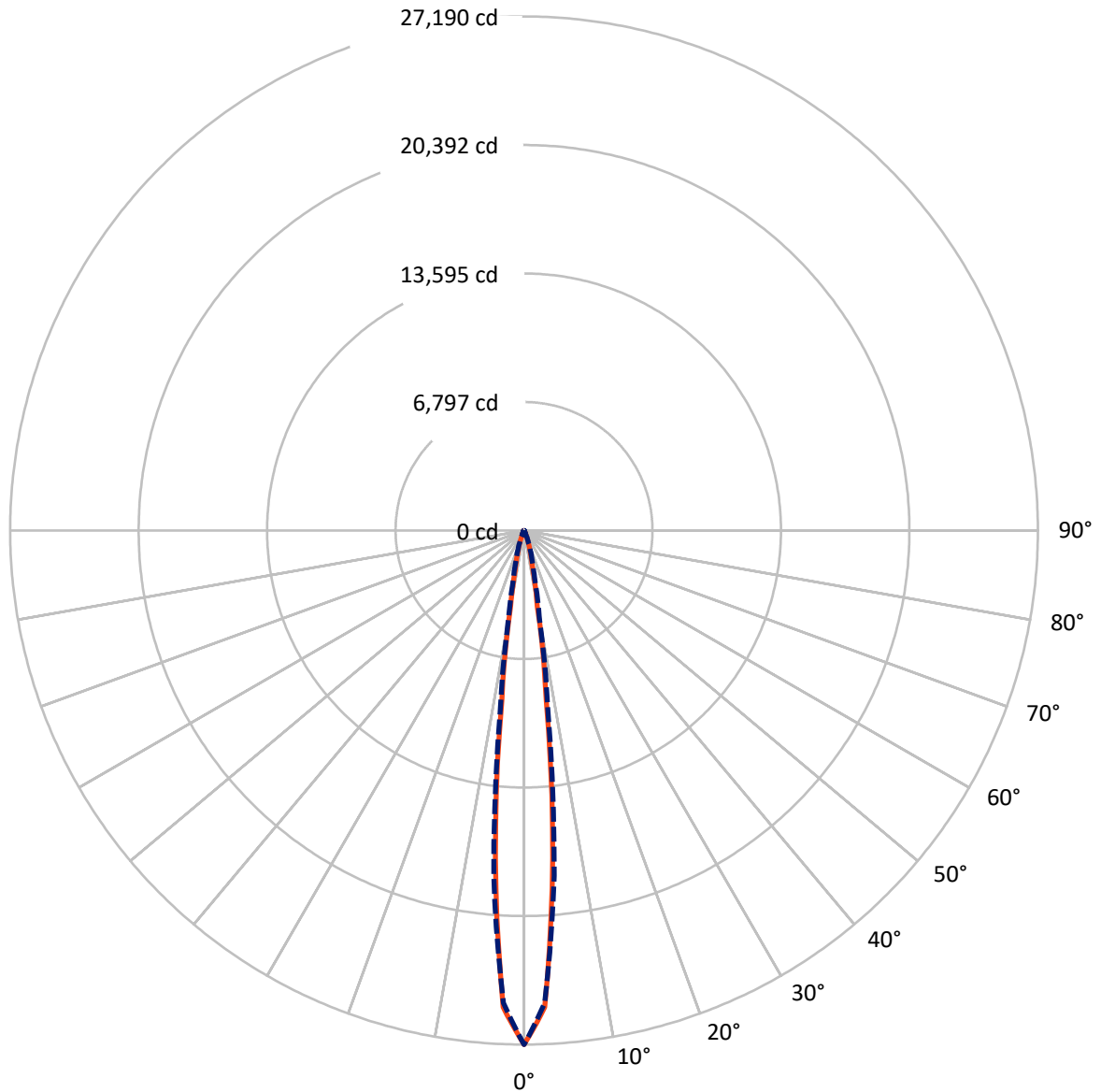
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### Lumen Table

90																
80	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		0.0
70																
60	0.1	0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.1
50		0.2	0.4	0.6	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.6	0.4	0.2	
40	0.2	0.2	0.5	0.7	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.7	0.5	0.2	0.2
30		0.3	0.5	0.7	0.9	1.2	1.5	1.7	1.7	1.5	1.2	0.9	0.7	0.5	0.3	
20	0.3	0.3	0.6	0.8	1.1	1.7	3.8	6.9	6.9	3.8	1.7	1.1	0.8	0.6	0.3	0.3
10		0.3	0.6	0.8	1.3	3.7	20.7	45.5	45.5	20.7	3.7	1.3	0.8	0.6	0.3	
0	0.3	0.4	0.6	0.8	1.4	7.0	49.6	320.9	320.9	49.6	7.0	1.4	0.8	0.6	0.4	0.3
-10		0.4	0.6	0.8	1.4	7.0	49.6	320.9	320.9	49.6	7.0	1.4	0.8	0.6	0.4	
-20	0.3	0.3	0.6	0.8	1.3	3.7	20.7	45.5	45.5	20.7	3.7	1.3	0.8	0.6	0.3	0.3
-30		0.3	0.6	0.8	1.1	1.7	3.8	6.9	6.9	3.8	1.7	1.1	0.8	0.6	0.3	
-40	0.2	0.3	0.5	0.7	0.9	1.2	1.5	1.7	1.7	1.5	1.2	0.9	0.7	0.5	0.3	0.2
-50		0.2	0.5	0.7	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.7	0.5	0.2	
-60	0.1	0.2	0.4	0.6	0.7	0.9	1.0	1.0	1.0	1.0	0.9	0.7	0.6	0.4	0.2	0.1
-70		0.1	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	
-80																
-90	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		0.0

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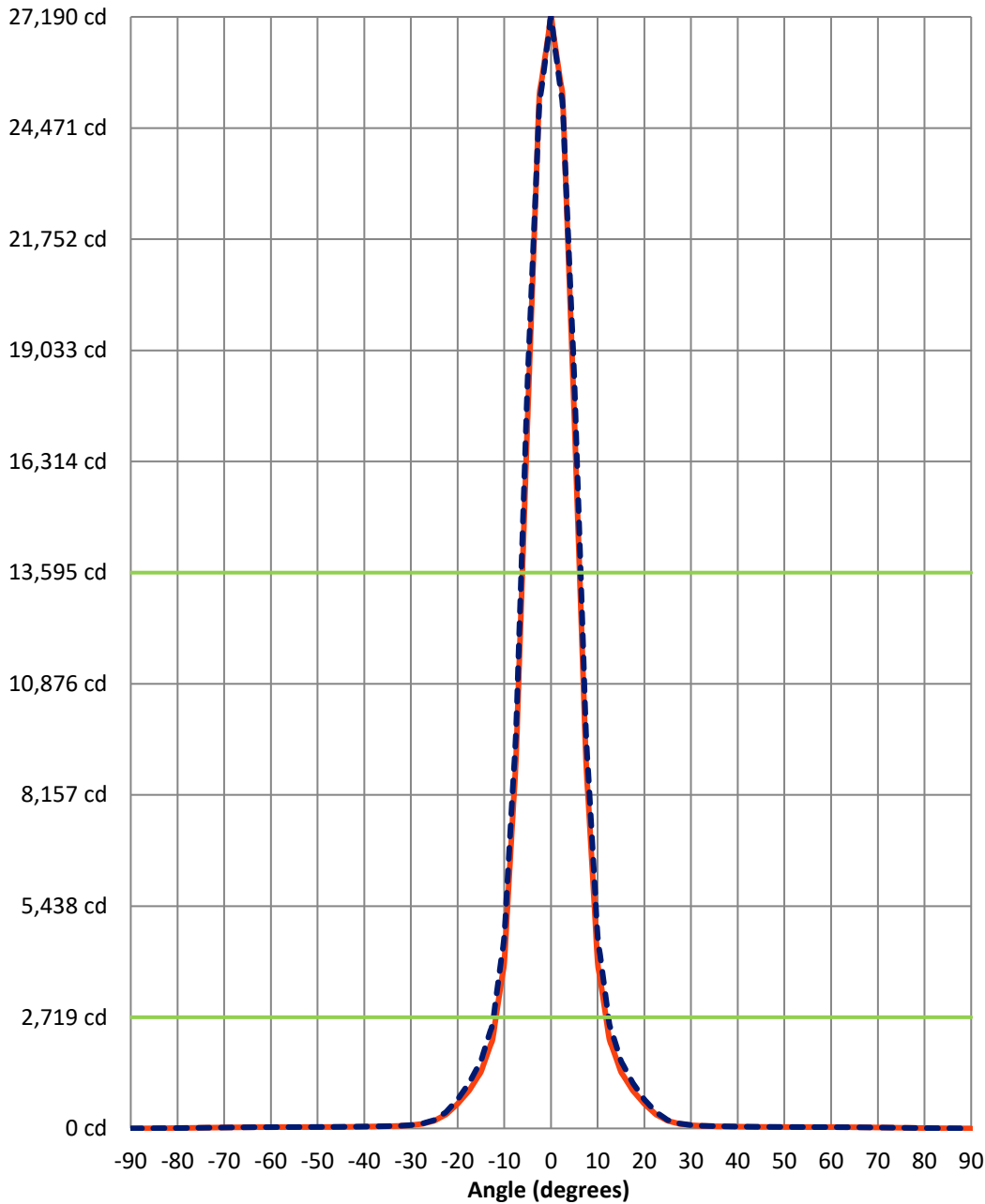
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 622.8  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 1379.6  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 591.2  
 Efficiency: 30.0%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.6	1.8
80°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.3	2.7
77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.6	3.0	3.5
75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.3	3.9	4.4
72.5°	0.0	0.5	0.9	1.3	1.8	2.2	2.7	3.3	4.0	4.7	5.3
70°	0.0	0.5	1.0	1.5	2.1	2.6	3.2	4.0	4.8	5.5	6.6
67.5°	0.0	0.6	1.1	1.7	2.4	3.0	3.8	4.7	5.5	6.7	7.8
65°	0.0	0.6	1.3	1.9	2.6	3.4	4.3	5.3	6.5	7.8	9.1
62.5°	0.0	0.7	1.4	2.2	2.9	3.9	4.9	6.1	7.4	8.9	10.5
60°	0.0	0.7	1.5	2.4	3.2	4.3	5.4	6.8	8.3	10.0	11.8
57.5°	0.0	0.8	1.6	2.6	3.6	4.7	6.1	7.6	9.3	11.2	13.1
55°	0.0	0.9	1.8	2.8	3.9	5.2	6.7	8.3	10.3	12.3	14.4
52.5°	0.0	0.9	1.9	3.0	4.2	5.6	7.3	9.2	11.3	13.5	15.6
50°	0.0	1.0	2.0	3.2	4.5	6.1	7.9	10.0	12.2	14.6	16.9
47.5°	0.0	1.0	2.1	3.3	4.8	6.6	8.5	10.8	13.2	15.6	18.1
45°	0.0	1.1	2.2	3.6	5.1	7.0	9.1	11.5	14.1	16.7	19.3
42.5°	0.0	1.1	2.4	3.8	5.4	7.5	9.8	12.3	15.0	17.7	20.3
40°	0.0	1.1	2.5	3.9	5.7	7.9	10.3	13.0	15.8	18.7	21.3
37.5°	0.0	1.2	2.6	4.1	6.0	8.3	10.9	13.7	16.7	19.6	22.2
35°	0.0	1.2	2.6	4.3	6.3	8.7	11.4	14.4	17.4	20.3	23.0
32.5°	0.0	1.3	2.7	4.4	6.6	9.1	11.9	15.0	18.1	21.1	23.7
30°	0.0	1.3	2.8	4.6	6.8	9.5	12.4	15.6	18.8	21.7	24.3
27.5°	0.0	1.3	2.9	4.7	7.1	9.8	12.9	16.2	19.4	22.3	24.9
25°	0.0	1.4	3.0	4.8	7.3	10.1	13.3	16.6	19.9	22.8	25.5
22.5°	0.0	1.4	3.0	4.9	7.5	10.4	13.7	17.1	20.3	23.3	25.9
20°	0.0	1.4	3.1	5.0	7.7	10.7	14.0	17.5	20.7	23.7	26.3
17.5°	0.0	1.4	3.1	5.1	7.8	10.9	14.4	17.8	21.1	24.1	26.6
15°	0.0	1.4	3.2	5.2	8.0	11.1	14.6	18.1	21.4	24.4	26.9
12.5°	0.0	1.5	3.2	5.2	8.1	11.3	14.9	18.4	21.6	24.6	27.2
10°	0.0	1.5	3.2	5.3	8.2	11.4	15.1	18.6	21.8	24.8	27.4
7.5°	0.0	1.5	3.3	5.3	8.3	11.6	15.2	18.7	22.0	25.0	27.5
5°	0.0	1.5	3.3	5.3	8.4	11.6	15.3	18.8	22.1	25.1	27.6
2.5°	0.0	1.5	3.3	5.3	8.4	11.7	15.4	18.9	22.1	25.1	27.6
0°	0.0	1.5	3.3	5.3	8.4	11.7	15.4	18.9	22.1	25.1	27.6
-2.5°	0.0	1.5	3.3	5.3	8.4	11.7	15.4	18.9	22.1	25.1	27.6
-5°	0.0	1.5	3.3	5.3	8.4	11.6	15.3	18.8	22.1	25.1	27.6
-7.5°	0.0	1.5	3.3	5.3	8.3	11.6	15.2	18.7	22.0	25.0	27.5
-10°	0.0	1.5	3.2	5.3	8.2	11.4	15.1	18.6	21.8	24.8	27.4
-12.5°	0.0	1.5	3.2	5.2	8.1	11.3	14.9	18.4	21.6	24.6	27.2
-15°	0.0	1.4	3.2	5.2	8.0	11.1	14.6	18.1	21.4	24.4	26.9
-17.5°	0.0	1.4	3.1	5.1	7.8	10.9	14.4	17.8	21.1	24.1	26.6
-20°	0.0	1.4	3.1	5.0	7.7	10.7	14.0	17.5	20.7	23.7	26.3



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 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	3.0	4.9	7.5	10.4	13.7	17.1	20.3	23.3	25.9
-25°	0.0	1.4	3.0	4.8	7.3	10.1	13.3	16.6	19.9	22.8	25.5
-27.5°	0.0	1.3	2.9	4.7	7.1	9.8	12.9	16.2	19.4	22.3	24.9
-30°	0.0	1.3	2.8	4.6	6.8	9.5	12.4	15.6	18.8	21.7	24.3
-32.5°	0.0	1.3	2.7	4.4	6.6	9.1	11.9	15.0	18.1	21.1	23.7
-35°	0.0	1.2	2.6	4.3	6.3	8.7	11.4	14.4	17.4	20.3	23.0
-37.5°	0.0	1.2	2.6	4.1	6.0	8.3	10.9	13.7	16.7	19.6	22.2
-40°	0.0	1.1	2.5	3.9	5.7	7.9	10.3	13.0	15.8	18.7	21.3
-42.5°	0.0	1.1	2.4	3.8	5.4	7.5	9.8	12.3	15.0	17.7	20.3
-45°	0.0	1.1	2.2	3.6	5.1	7.0	9.1	11.5	14.1	16.7	19.3
-47.5°	0.0	1.0	2.1	3.3	4.8	6.6	8.5	10.8	13.2	15.6	18.1
-50°	0.0	1.0	2.0	3.2	4.5	6.1	7.9	10.0	12.2	14.6	16.9
-52.5°	0.0	0.9	1.9	3.0	4.2	5.6	7.3	9.2	11.3	13.5	15.6
-55°	0.0	0.9	1.8	2.8	3.9	5.2	6.7	8.3	10.3	12.3	14.4
-57.5°	0.0	0.8	1.6	2.6	3.6	4.7	6.1	7.6	9.3	11.2	13.1
-60°	0.0	0.7	1.5	2.4	3.2	4.3	5.4	6.8	8.3	10.0	11.8
-62.5°	0.0	0.7	1.4	2.2	2.9	3.9	4.9	6.1	7.4	8.9	10.5
-65°	0.0	0.6	1.3	1.9	2.6	3.4	4.3	5.3	6.5	7.8	9.1
-67.5°	0.0	0.6	1.1	1.7	2.4	3.0	3.8	4.7	5.5	6.7	7.8
-70°	0.0	0.5	1.0	1.5	2.1	2.6	3.2	4.0	4.8	5.5	6.6
-72.5°	0.0	0.5	0.9	1.3	1.8	2.2	2.7	3.3	4.0	4.7	5.3
-75°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.3	3.9	4.4
-77.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.2	2.6	3.0	3.5
-80°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.7	2.0	2.3	2.7
-82.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.6	1.8
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
82.5°	2.0	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.3	3.6	3.8
80°	2.9	3.1	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.7	6.1
77.5°	3.9	4.3	4.8	5.3	5.8	6.3	6.9	7.4	7.9	8.4	8.8
75°	4.9	5.5	6.3	7.1	7.8	8.5	9.2	9.9	10.5	11.1	11.6
72.5°	6.2	7.1	8.0	8.9	9.8	10.7	11.5	12.3	13.1	13.9	14.6
70°	7.6	8.7	9.8	10.8	11.9	12.9	13.9	14.9	15.9	16.8	17.6
67.5°	9.1	10.3	11.6	12.8	14.0	15.1	16.3	17.4	18.5	19.4	20.3
65°	10.6	12.0	13.3	14.7	16.0	17.3	18.6	19.9	20.9	21.8	22.6
62.5°	12.0	13.6	15.1	16.6	18.0	19.5	20.8	21.9	23.0	23.9	24.8
60°	13.5	15.2	16.8	18.5	20.0	21.4	22.7	23.8	24.8	25.8	26.6
57.5°	14.9	16.8	18.6	20.3	21.8	23.1	24.3	25.5	26.4	27.2	28.1
55°	16.4	18.4	20.2	21.9	23.4	24.7	25.9	26.9	27.8	28.6	29.4
52.5°	17.8	19.9	21.7	23.4	24.8	26.1	27.2	28.2	29.1	29.9	30.5
50°	19.2	21.2	23.1	24.7	26.1	27.3	28.4	29.3	30.2	30.9	31.4
47.5°	20.4	22.5	24.3	25.9	27.2	28.4	29.4	30.4	31.1	31.8	32.4
45°	21.6	23.6	25.4	27.0	28.3	29.4	30.4	31.3	32.0	32.6	33.1
42.5°	22.7	24.6	26.4	28.0	29.2	30.2	31.2	32.0	32.8	33.3	33.8
40°	23.6	25.6	27.3	28.8	30.0	31.0	31.9	32.7	33.4	34.0	34.5
37.5°	24.4	26.4	28.2	29.5	30.6	31.6	32.6	33.3	34.0	34.6	35.3
35°	25.3	27.2	28.8	30.1	31.2	32.2	33.1	33.9	34.5	35.3	36.1
32.5°	26.0	27.9	29.4	30.6	31.7	32.7	33.6	34.4	35.2	36.0	37.0
30°	26.6	28.5	29.9	31.1	32.2	33.1	34.0	34.9	35.7	36.8	38.1
27.5°	27.2	29.0	30.3	31.5	32.6	33.4	34.4	35.4	36.4	37.6	39.3
25°	27.7	29.4	30.7	31.8	32.8	33.8	34.8	35.8	37.0	38.6	40.8
22.5°	28.1	29.8	31.0	32.1	33.1	34.0	35.1	36.2	37.6	39.5	42.4
20°	28.4	30.1	31.2	32.4	33.2	34.3	35.3	36.5	38.2	40.8	44.1
17.5°	28.7	30.3	31.4	32.5	33.4	34.5	35.6	36.8	38.8	42.0	45.7
15°	29.0	30.4	31.6	32.6	33.6	34.7	35.8	37.2	39.5	43.1	47.1
12.5°	29.2	30.6	31.7	32.7	33.7	34.8	36.0	37.6	40.2	44.1	48.5
10°	29.4	30.7	31.8	32.8	33.8	34.9	36.1	37.8	40.8	44.7	49.4
7.5°	29.6	30.8	31.9	32.8	33.9	34.9	36.2	37.9	41.1	45.1	49.8
5°	29.7	30.8	31.9	32.8	33.9	34.9	36.3	38.0	41.3	45.1	50.0
2.5°	29.7	30.9	32.0	32.9	34.0	35.0	36.5	38.2	41.4	45.4	50.1
0°	29.7	30.9	32.0	32.9	34.0	35.1	36.6	38.3	41.4	45.6	50.2
-2.5°	29.7	30.9	32.0	32.9	34.0	35.0	36.5	38.2	41.4	45.4	50.1
-5°	29.7	30.8	31.9	32.8	33.9	34.9	36.3	38.0	41.3	45.1	50.0
-7.5°	29.6	30.8	31.9	32.8	33.9	34.9	36.2	37.9	41.1	45.1	49.8
-10°	29.4	30.7	31.8	32.8	33.8	34.9	36.1	37.8	40.8	44.7	49.4
-12.5°	29.2	30.6	31.7	32.7	33.7	34.8	36.0	37.6	40.2	44.1	48.5
-15°	29.0	30.4	31.6	32.6	33.6	34.7	35.8	37.2	39.5	43.1	47.1
-17.5°	28.7	30.3	31.4	32.5	33.4	34.5	35.6	36.8	38.8	42.0	45.7
-20°	28.4	30.1	31.2	32.4	33.2	34.3	35.3	36.5	38.2	40.8	44.1



REPORT NUMBER: P558464 (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°	28.1	29.8	31.0	32.1	33.1	34.0	35.1	36.2	37.6	39.5	42.4
-25°	27.7	29.4	30.7	31.8	32.8	33.8	34.8	35.8	37.0	38.6	40.8
-27.5°	27.2	29.0	30.3	31.5	32.6	33.4	34.4	35.4	36.4	37.6	39.3
-30°	26.6	28.5	29.9	31.1	32.2	33.1	34.0	34.9	35.7	36.8	38.1
-32.5°	26.0	27.9	29.4	30.6	31.7	32.7	33.6	34.4	35.2	36.0	37.0
-35°	25.3	27.2	28.8	30.1	31.2	32.2	33.1	33.9	34.5	35.3	36.1
-37.5°	24.4	26.4	28.2	29.5	30.6	31.6	32.6	33.3	34.0	34.6	35.3
-40°	23.6	25.6	27.3	28.8	30.0	31.0	31.9	32.7	33.4	34.0	34.5
-42.5°	22.7	24.6	26.4	28.0	29.2	30.2	31.2	32.0	32.8	33.3	33.8
-45°	21.6	23.6	25.4	27.0	28.3	29.4	30.4	31.3	32.0	32.6	33.1
-47.5°	20.4	22.5	24.3	25.9	27.2	28.4	29.4	30.4	31.1	31.8	32.4
-50°	19.2	21.2	23.1	24.7	26.1	27.3	28.4	29.3	30.2	30.9	31.4
-52.5°	17.8	19.9	21.7	23.4	24.8	26.1	27.2	28.2	29.1	29.9	30.5
-55°	16.4	18.4	20.2	21.9	23.4	24.7	25.9	26.9	27.8	28.6	29.4
-57.5°	14.9	16.8	18.6	20.3	21.8	23.1	24.3	25.5	26.4	27.2	28.1
-60°	13.5	15.2	16.8	18.5	20.0	21.4	22.7	23.8	24.8	25.8	26.6
-62.5°	12.0	13.6	15.1	16.6	18.0	19.5	20.8	21.9	23.0	23.9	24.8
-65°	10.6	12.0	13.3	14.7	16.0	17.3	18.6	19.9	20.9	21.8	22.6
-67.5°	9.1	10.3	11.6	12.8	14.0	15.1	16.3	17.4	18.5	19.4	20.3
-70°	7.6	8.7	9.8	10.8	11.9	12.9	13.9	14.9	15.9	16.8	17.6
-72.5°	6.2	7.1	8.0	8.9	9.8	10.7	11.5	12.3	13.1	13.9	14.6
-75°	4.9	5.5	6.3	7.1	7.8	8.5	9.2	9.9	10.5	11.1	11.6
-77.5°	3.9	4.3	4.8	5.3	5.8	6.3	6.9	7.4	7.9	8.4	8.8
-80°	2.9	3.1	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.7	6.1
-82.5°	2.0	2.2	2.3	2.5	2.6	2.7	2.8	3.0	3.3	3.6	3.8
-85°	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
-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: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-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°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.0
82.5°	4.1	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3	5.3	5.4
80°	6.4	6.7	7.0	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.4
77.5°	9.1	9.6	10.0	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.1
75°	12.2	12.7	13.2	13.7	14.1	14.5	14.8	15.1	15.3	15.6	15.8
72.5°	15.3	16.0	16.6	17.0	17.5	17.9	18.3	18.7	19.0	19.3	19.5
70°	18.3	19.0	19.6	20.1	20.6	21.1	21.6	22.1	22.5	22.8	23.0
67.5°	21.0	21.6	22.3	23.0	23.5	24.1	24.6	25.1	25.5	25.8	26.0
65°	23.4	24.1	24.8	25.5	26.2	26.6	27.1	27.6	28.0	28.3	28.6
62.5°	25.6	26.4	27.0	27.6	28.1	28.6	29.0	29.5	29.8	30.2	30.5
60°	27.3	28.1	28.7	29.2	29.7	30.2	30.6	30.9	31.2	31.4	31.5
57.5°	28.8	29.5	30.1	30.6	31.1	31.5	31.8	32.0	32.2	32.3	32.4
55°	30.1	30.7	31.2	31.7	32.1	32.5	32.8	32.9	33.0	33.0	33.1
52.5°	31.1	31.7	32.2	32.7	33.0	33.4	33.6	33.7	33.7	33.7	33.7
50°	32.1	32.6	33.0	33.4	33.8	34.1	34.3	34.4	34.5	34.5	34.5
47.5°	32.8	33.3	33.7	34.2	34.5	34.8	35.1	35.3	35.4	35.5	35.5
45°	33.5	34.0	34.5	35.0	35.4	35.9	36.2	36.5	36.7	36.9	37.0
42.5°	34.3	34.8	35.4	36.0	36.6	37.2	37.8	38.3	38.9	39.5	40.0
40°	35.1	35.7	36.5	37.3	38.2	39.0	40.3	41.6	42.6	43.4	44.2
37.5°	36.0	36.9	37.9	38.9	40.3	41.8	43.5	45.1	46.5	47.8	48.8
35°	37.0	38.2	39.5	41.3	43.1	44.9	46.9	49.1	50.9	52.2	53.2
32.5°	38.3	39.8	41.8	44.1	46.3	48.7	51.1	53.5	55.3	57.1	59.0
30°	39.7	41.8	44.4	47.2	50.0	52.9	55.9	59.2	62.4	65.7	70.7
27.5°	41.5	44.1	47.1	50.4	53.8	57.2	62.5	68.2	76.7	83.5	95.0
25°	43.5	46.5	50.1	53.9	58.1	64.1	73.7	85.0	105.0	120.5	144.1
22.5°	45.7	49.2	53.1	57.6	64.2	75.7	92.1	121.1	161.4	201.3	245.6
20°	47.8	51.7	56.0	62.7	74.0	92.3	127.6	190.3	260.4	360.1	443.7
17.5°	49.8	54.0	59.4	68.5	85.5	122.1	190.6	298.0	444.3	605.0	738.9
15°	51.6	55.8	63.2	77.5	106.3	163.3	266.8	449.5	695.2	915.2	1111.5
12.5°	53.1	58.1	67.3	84.8	124.2	208.7	374.7	634.2	934.2	1242.8	1491.1
10°	54.2	60.6	72.7	98.3	152.9	262.7	464.7	792.0	1153.2	1528.3	1977.2
7.5°	54.9	62.3	76.8	108.4	178.5	323.0	577.5	932.9	1347.7	1859.7	2545.5
5°	55.3	63.5	79.9	115.9	195.6	362.7	648.8	1039.7	1515.6	2255.7	3667.3
2.5°	55.5	64.0	81.6	120.0	203.3	383.2	698.9	1100.8	1617.7	2535.1	4444.4
0°	55.5	63.7	81.8	121.0	204.5	398.8	707.3	1118.2	1652.1	2560.2	4693.6
-2.5°	55.5	64.0	81.6	120.0	203.3	383.2	698.9	1100.8	1617.7	2535.1	4444.4
-5°	55.3	63.5	79.9	115.9	195.6	362.7	648.8	1039.7	1515.6	2255.7	3667.3
-7.5°	54.9	62.3	76.8	108.4	178.5	323.0	577.5	932.9	1347.7	1859.7	2545.5
-10°	54.2	60.6	72.7	98.3	152.9	262.7	464.7	792.0	1153.2	1528.3	1977.2
-12.5°	53.1	58.1	67.3	84.8	124.2	208.7	374.7	634.2	934.2	1242.8	1491.1
-15°	51.6	55.8	63.2	77.5	106.3	163.3	266.8	449.5	695.2	915.2	1111.5
-17.5°	49.8	54.0	59.4	68.5	85.5	122.1	190.6	298.0	444.3	605.0	738.9
-20°	47.8	51.7	56.0	62.7	74.0	92.3	127.6	190.3	260.4	360.1	443.7



REPORT NUMBER: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	45.7	49.2	53.1	57.6	64.2	75.7	92.1	121.1	161.4	201.3	245.6
-25°	43.5	46.5	50.1	53.9	58.1	64.1	73.7	85.0	105.0	120.5	144.1
-27.5°	41.5	44.1	47.1	50.4	53.8	57.2	62.5	68.2	76.7	83.5	95.0
-30°	39.7	41.8	44.4	47.2	50.0	52.9	55.9	59.2	62.4	65.7	70.7
-32.5°	38.3	39.8	41.8	44.1	46.3	48.7	51.1	53.5	55.3	57.1	59.0
-35°	37.0	38.2	39.5	41.3	43.1	44.9	46.9	49.1	50.9	52.2	53.2
-37.5°	36.0	36.9	37.9	38.9	40.3	41.8	43.5	45.1	46.5	47.8	48.8
-40°	35.1	35.7	36.5	37.3	38.2	39.0	40.3	41.6	42.6	43.4	44.2
-42.5°	34.3	34.8	35.4	36.0	36.6	37.2	37.8	38.3	38.9	39.5	40.0
-45°	33.5	34.0	34.5	35.0	35.4	35.9	36.2	36.5	36.7	36.9	37.0
-47.5°	32.8	33.3	33.7	34.2	34.5	34.8	35.1	35.3	35.4	35.5	35.5
-50°	32.1	32.6	33.0	33.4	33.8	34.1	34.3	34.4	34.5	34.5	34.5
-52.5°	31.1	31.7	32.2	32.7	33.0	33.4	33.6	33.7	33.7	33.7	33.7
-55°	30.1	30.7	31.2	31.7	32.1	32.5	32.8	32.9	33.0	33.0	33.1
-57.5°	28.8	29.5	30.1	30.6	31.1	31.5	31.8	32.0	32.2	32.3	32.4
-60°	27.3	28.1	28.7	29.2	29.7	30.2	30.6	30.9	31.2	31.4	31.5
-62.5°	25.6	26.4	27.0	27.6	28.1	28.6	29.0	29.5	29.8	30.2	30.5
-65°	23.4	24.1	24.8	25.5	26.2	26.6	27.1	27.6	28.0	28.3	28.6
-67.5°	21.0	21.6	22.3	23.0	23.5	24.1	24.6	25.1	25.5	25.8	26.0
-70°	18.3	19.0	19.6	20.1	20.6	21.1	21.6	22.1	22.5	22.8	23.0
-72.5°	15.3	16.0	16.6	17.0	17.5	17.9	18.3	18.7	19.0	19.3	19.5
-75°	12.2	12.7	13.2	13.7	14.1	14.5	14.8	15.1	15.3	15.6	15.8
-77.5°	9.1	9.6	10.0	10.4	10.7	11.0	11.2	11.5	11.7	11.9	12.1
-80°	6.4	6.7	7.0	7.3	7.6	7.8	7.9	8.1	8.2	8.3	8.4
-82.5°	4.1	4.3	4.5	4.7	4.8	4.9	5.1	5.2	5.3	5.3	5.4
-85°	2.3	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.0	3.0
-87.5°	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-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: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9
82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
80°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.1
77.5°	12.2	12.3	12.4	12.4	12.4	12.3	12.2	12.1	11.9	11.7	11.5
75°	15.9	16.0	16.1	16.1	16.1	16.0	15.9	15.8	15.6	15.3	15.1
72.5°	19.6	19.7	19.9	20.0	19.9	19.7	19.6	19.5	19.3	19.0	18.7
70°	23.1	23.1	23.3	23.4	23.3	23.1	23.1	23.0	22.8	22.5	22.1
67.5°	26.2	26.3	26.3	26.2	26.3	26.3	26.2	26.0	25.8	25.5	25.1
65°	28.8	29.0	29.0	28.9	29.0	29.0	28.8	28.6	28.3	28.0	27.6
62.5°	30.7	31.0	31.1	31.1	31.1	31.0	30.7	30.5	30.2	29.8	29.5
60°	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.5	31.4	31.2	30.9
57.5°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.2	32.0
55°	33.1	33.1	33.0	32.9	33.0	33.1	33.1	33.1	33.0	33.0	32.9
52.5°	33.7	33.7	33.6	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7
50°	34.4	34.3	34.2	34.2	34.2	34.3	34.4	34.5	34.5	34.5	34.4
47.5°	35.4	35.3	35.3	35.3	35.3	35.3	35.4	35.5	35.5	35.4	35.3
45°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.7	36.5
42.5°	40.2	40.2	40.2	40.3	40.2	40.2	40.2	40.0	39.5	38.9	38.3
40°	44.5	44.5	44.3	44.3	44.3	44.5	44.5	44.2	43.4	42.6	41.6
37.5°	49.2	49.2	49.0	49.1	49.0	49.2	49.2	48.8	47.8	46.5	45.1
35°	53.7	53.8	53.8	53.6	53.8	53.8	53.7	53.2	52.2	50.9	49.1
32.5°	60.4	61.4	61.9	61.7	61.9	61.4	60.4	59.0	57.1	55.3	53.5
30°	73.7	76.3	77.7	78.3	77.7	76.3	73.7	70.7	65.7	62.4	59.2
27.5°	103.2	109.0	111.6	112.6	111.6	109.0	103.2	95.0	83.5	76.7	68.2
25°	164.6	177.8	184.3	186.3	184.3	177.8	164.6	144.1	120.5	105.0	85.0
22.5°	294.4	319.7	337.0	340.8	337.0	319.7	294.4	245.6	201.3	161.4	121.1
20°	527.8	576.8	603.3	600.9	603.3	576.8	527.8	443.7	360.1	260.4	190.3
17.5°	852.8	915.6	945.4	931.5	945.4	915.6	852.8	738.9	605.0	444.3	298.0
15°	1250.2	1335.0	1372.0	1383.4	1372.0	1335.0	1250.2	1111.5	915.2	695.2	449.5
12.5°	1739.0	2017.0	2149.9	2185.5	2149.9	2017.0	1739.0	1491.1	1242.8	934.2	634.2
10°	2436.3	3370.7	3926.5	4062.2	3926.5	3370.7	2436.3	1977.2	1528.3	1153.2	792.0
7.5°	3978.7	5877.5	8004.6	9011.9	8004.6	5877.5	3978.7	2545.5	1859.7	1347.7	932.9
5°	6067.6	10530.7	15455.6	17386.2	15455.6	10530.7	6067.6	3667.3	2255.7	1515.6	1039.7
2.5°	8606.9	15900.6	22705.5	25242.3	22705.5	15900.6	8606.9	4444.4	2535.1	1617.7	1100.8
0°	9679.7	18331.6	25016.6	27189.6	25016.6	18331.6	9679.7	4693.6	2560.2	1652.1	1118.2
-2.5°	8606.9	15900.6	22705.5	25242.2	22705.5	15900.6	8606.9	4444.4	2535.1	1617.7	1100.8
-5°	6067.6	10530.7	15455.6	17386.2	15455.6	10530.7	6067.6	3667.3	2255.7	1515.6	1039.7
-7.5°	3978.7	5877.5	8004.6	9011.9	8004.6	5877.5	3978.7	2545.5	1859.7	1347.7	932.9
-10°	2436.3	3370.7	3926.5	4062.2	3926.5	3370.7	2436.3	1977.2	1528.3	1153.2	792.0
-12.5°	1739.0	2017.0	2149.9	2185.5	2149.9	2017.0	1739.0	1491.1	1242.8	934.2	634.2
-15°	1250.2	1335.0	1372.0	1383.4	1372.0	1335.0	1250.2	1111.5	915.2	695.2	449.5
-17.5°	852.8	915.6	945.4	931.5	945.4	915.6	852.8	738.9	605.0	444.3	298.0
-20°	527.8	576.8	603.3	600.9	603.3	576.8	527.8	443.7	360.1	260.4	190.3



REPORT NUMBER: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	294.4	319.7	337.0	340.8	337.0	319.7	294.4	245.6	201.3	161.4	121.1
-25°	164.6	177.8	184.3	186.3	184.3	177.8	164.6	144.1	120.5	105.0	85.0
-27.5°	103.2	109.0	111.6	112.6	111.6	109.0	103.2	95.0	83.5	76.7	68.2
-30°	73.7	76.3	77.7	78.3	77.7	76.3	73.7	70.7	65.7	62.4	59.2
-32.5°	60.4	61.4	61.9	61.7	61.9	61.4	60.4	59.0	57.1	55.3	53.5
-35°	53.7	53.8	53.8	53.6	53.8	53.8	53.7	53.2	52.2	50.9	49.1
-37.5°	49.2	49.2	49.0	49.1	49.0	49.2	49.2	48.8	47.8	46.5	45.1
-40°	44.5	44.5	44.3	44.3	44.3	44.5	44.5	44.2	43.4	42.6	41.6
-42.5°	40.2	40.2	40.2	40.3	40.2	40.2	40.2	40.0	39.5	38.9	38.3
-45°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.7	36.5
-47.5°	35.4	35.3	35.3	35.3	35.3	35.3	35.4	35.5	35.5	35.4	35.3
-50°	34.4	34.3	34.2	34.2	34.2	34.3	34.4	34.5	34.5	34.5	34.4
-52.5°	33.7	33.7	33.6	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7
-55°	33.1	33.1	33.0	32.9	33.0	33.1	33.1	33.1	33.0	33.0	32.9
-57.5°	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.3	32.2	32.0
-60°	31.7	31.8	31.8	31.8	31.8	31.8	31.7	31.5	31.4	31.2	30.9
-62.5°	30.7	31.0	31.1	31.1	31.1	31.0	30.7	30.5	30.2	29.8	29.5
-65°	28.8	29.0	29.0	28.9	29.0	29.0	28.8	28.6	28.3	28.0	27.6
-67.5°	26.2	26.3	26.3	26.2	26.3	26.3	26.2	26.0	25.8	25.5	25.1
-70°	23.1	23.1	23.3	23.4	23.3	23.1	23.1	23.0	22.8	22.5	22.1
-72.5°	19.6	19.7	19.9	20.0	19.9	19.7	19.6	19.5	19.3	19.0	18.7
-75°	15.9	16.0	16.1	16.1	16.1	16.0	15.9	15.8	15.6	15.3	15.1
-77.5°	12.2	12.3	12.4	12.4	12.4	12.3	12.2	12.1	11.9	11.7	11.5
-80°	8.5	8.6	8.6	8.6	8.6	8.6	8.5	8.4	8.3	8.2	8.1
-82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.3	5.2
-85°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.9
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-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: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-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°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.9
85°	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
82.5°	5.1	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0
80°	7.9	7.8	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.3	5.0
77.5°	11.2	11.0	10.7	10.4	10.0	9.6	9.1	8.8	8.4	7.9	7.4
75°	14.8	14.5	14.1	13.7	13.2	12.7	12.2	11.6	11.1	10.5	9.9
72.5°	18.3	17.9	17.5	17.0	16.6	16.0	15.3	14.6	13.9	13.1	12.3
70°	21.6	21.1	20.6	20.1	19.6	19.0	18.3	17.6	16.8	15.9	14.9
67.5°	24.6	24.1	23.5	23.0	22.3	21.6	21.0	20.3	19.4	18.5	17.4
65°	27.1	26.6	26.2	25.5	24.8	24.1	23.4	22.6	21.8	20.9	19.9
62.5°	29.0	28.6	28.1	27.6	27.0	26.4	25.6	24.8	23.9	23.0	21.9
60°	30.6	30.2	29.7	29.2	28.7	28.1	27.3	26.6	25.8	24.8	23.8
57.5°	31.8	31.5	31.1	30.6	30.1	29.5	28.8	28.1	27.2	26.4	25.5
55°	32.8	32.5	32.1	31.7	31.2	30.7	30.1	29.4	28.6	27.8	26.9
52.5°	33.6	33.4	33.0	32.7	32.2	31.7	31.1	30.5	29.9	29.1	28.2
50°	34.3	34.1	33.8	33.4	33.0	32.6	32.1	31.4	30.9	30.2	29.3
47.5°	35.1	34.8	34.5	34.2	33.7	33.3	32.8	32.4	31.8	31.1	30.4
45°	36.2	35.9	35.4	35.0	34.5	34.0	33.5	33.1	32.6	32.0	31.3
42.5°	37.8	37.2	36.6	36.0	35.4	34.8	34.3	33.8	33.3	32.8	32.0
40°	40.3	39.0	38.2	37.3	36.5	35.7	35.1	34.5	34.0	33.4	32.7
37.5°	43.5	41.8	40.3	38.9	37.9	36.9	36.0	35.3	34.6	34.0	33.3
35°	46.9	44.9	43.1	41.3	39.5	38.2	37.0	36.1	35.3	34.5	33.9
32.5°	51.1	48.7	46.3	44.1	41.8	39.8	38.3	37.0	36.0	35.2	34.4
30°	55.9	52.9	50.0	47.2	44.4	41.8	39.7	38.1	36.8	35.7	34.9
27.5°	62.5	57.2	53.8	50.4	47.1	44.1	41.5	39.3	37.6	36.4	35.4
25°	73.7	64.1	58.1	53.9	50.1	46.5	43.5	40.8	38.6	37.0	35.8
22.5°	92.1	75.7	64.2	57.6	53.1	49.2	45.7	42.4	39.5	37.6	36.2
20°	127.6	92.3	74.0	62.7	56.0	51.7	47.8	44.1	40.8	38.2	36.5
17.5°	190.6	122.1	85.5	68.5	59.4	54.0	49.8	45.7	42.0	38.8	36.8
15°	266.8	163.3	106.3	77.5	63.2	55.8	51.6	47.1	43.1	39.5	37.2
12.5°	374.7	208.7	124.2	84.8	67.3	58.1	53.1	48.5	44.1	40.2	37.6
10°	464.7	262.7	152.9	98.3	72.7	60.6	54.2	49.4	44.7	40.8	37.8
7.5°	577.5	323.0	178.5	108.4	76.8	62.3	54.9	49.8	45.1	41.1	37.9
5°	648.8	362.7	195.6	115.9	79.9	63.5	55.3	50.0	45.1	41.3	38.0
2.5°	698.9	383.2	203.3	120.0	81.6	64.0	55.5	50.1	45.4	41.4	38.2
0°	707.3	398.8	204.5	121.0	81.8	63.7	55.5	50.2	45.6	41.4	38.3
-2.5°	698.9	383.2	203.3	120.0	81.6	64.0	55.5	50.1	45.4	41.4	38.2
-5°	648.8	362.7	195.6	115.9	79.9	63.5	55.3	50.0	45.1	41.3	38.0
-7.5°	577.5	323.0	178.5	108.4	76.8	62.3	54.9	49.8	45.1	41.1	37.9
-10°	464.7	262.7	152.9	98.3	72.7	60.6	54.2	49.4	44.7	40.8	37.8
-12.5°	374.7	208.7	124.2	84.8	67.3	58.1	53.1	48.5	44.1	40.2	37.6
-15°	266.8	163.3	106.3	77.5	63.2	55.8	51.6	47.1	43.1	39.5	37.2
-17.5°	190.6	122.1	85.5	68.5	59.4	54.0	49.8	45.7	42.0	38.8	36.8
-20°	127.6	92.3	74.0	62.7	56.0	51.7	47.8	44.1	40.8	38.2	36.5



REPORT NUMBER: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	92.1	75.7	64.2	57.6	53.1	49.2	45.7	42.4	39.5	37.6	36.2
-25°	73.7	64.1	58.1	53.9	50.1	46.5	43.5	40.8	38.6	37.0	35.8
-27.5°	62.5	57.2	53.8	50.4	47.1	44.1	41.5	39.3	37.6	36.4	35.4
-30°	55.9	52.9	50.0	47.2	44.4	41.8	39.7	38.1	36.8	35.7	34.9
-32.5°	51.1	48.7	46.3	44.1	41.8	39.8	38.3	37.0	36.0	35.2	34.4
-35°	46.9	44.9	43.1	41.3	39.5	38.2	37.0	36.1	35.3	34.5	33.9
-37.5°	43.5	41.8	40.3	38.9	37.9	36.9	36.0	35.3	34.6	34.0	33.3
-40°	40.3	39.0	38.2	37.3	36.5	35.7	35.1	34.5	34.0	33.4	32.7
-42.5°	37.8	37.2	36.6	36.0	35.4	34.8	34.3	33.8	33.3	32.8	32.0
-45°	36.2	35.9	35.4	35.0	34.5	34.0	33.5	33.1	32.6	32.0	31.3
-47.5°	35.1	34.8	34.5	34.2	33.7	33.3	32.8	32.4	31.8	31.1	30.4
-50°	34.3	34.1	33.8	33.4	33.0	32.6	32.1	31.4	30.9	30.2	29.3
-52.5°	33.6	33.4	33.0	32.7	32.2	31.7	31.1	30.5	29.9	29.1	28.2
-55°	32.8	32.5	32.1	31.7	31.2	30.7	30.1	29.4	28.6	27.8	26.9
-57.5°	31.8	31.5	31.1	30.6	30.1	29.5	28.8	28.1	27.2	26.4	25.5
-60°	30.6	30.2	29.7	29.2	28.7	28.1	27.3	26.6	25.8	24.8	23.8
-62.5°	29.0	28.6	28.1	27.6	27.0	26.4	25.6	24.8	23.9	23.0	21.9
-65°	27.1	26.6	26.2	25.5	24.8	24.1	23.4	22.6	21.8	20.9	19.9
-67.5°	24.6	24.1	23.5	23.0	22.3	21.6	21.0	20.3	19.4	18.5	17.4
-70°	21.6	21.1	20.6	20.1	19.6	19.0	18.3	17.6	16.8	15.9	14.9
-72.5°	18.3	17.9	17.5	17.0	16.6	16.0	15.3	14.6	13.9	13.1	12.3
-75°	14.8	14.5	14.1	13.7	13.2	12.7	12.2	11.6	11.1	10.5	9.9
-77.5°	11.2	11.0	10.7	10.4	10.0	9.6	9.1	8.8	8.4	7.9	7.4
-80°	7.9	7.8	7.6	7.3	7.0	6.7	6.4	6.1	5.7	5.3	5.0
-82.5°	5.1	4.9	4.8	4.7	4.5	4.3	4.1	3.8	3.6	3.3	3.0
-85°	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9
-87.5°	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	2.8	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.3	1.2
80°	4.7	4.4	4.1	3.7	3.4	3.1	2.9	2.7	2.3	2.0	1.7
77.5°	6.9	6.3	5.8	5.3	4.8	4.3	3.9	3.5	3.0	2.6	2.2
75°	9.2	8.5	7.8	7.1	6.3	5.5	4.9	4.4	3.9	3.3	2.7
72.5°	11.5	10.7	9.8	8.9	8.0	7.1	6.2	5.3	4.7	4.0	3.3
70°	13.9	12.9	11.9	10.8	9.8	8.7	7.6	6.6	5.5	4.8	4.0
67.5°	16.3	15.1	14.0	12.8	11.6	10.3	9.1	7.8	6.7	5.5	4.7
65°	18.6	17.3	16.0	14.7	13.3	12.0	10.6	9.1	7.8	6.5	5.3
62.5°	20.8	19.5	18.0	16.6	15.1	13.6	12.0	10.5	8.9	7.4	6.1
60°	22.7	21.4	20.0	18.5	16.8	15.2	13.5	11.8	10.0	8.3	6.8
57.5°	24.3	23.1	21.8	20.3	18.6	16.8	14.9	13.1	11.2	9.3	7.6
55°	25.9	24.7	23.4	21.9	20.2	18.4	16.4	14.4	12.3	10.3	8.3
52.5°	27.2	26.1	24.8	23.4	21.7	19.9	17.8	15.6	13.5	11.3	9.2
50°	28.4	27.3	26.1	24.7	23.1	21.2	19.2	16.9	14.6	12.2	10.0
47.5°	29.4	28.4	27.2	25.9	24.3	22.5	20.4	18.1	15.6	13.2	10.8
45°	30.4	29.4	28.3	27.0	25.4	23.6	21.6	19.3	16.7	14.1	11.5
42.5°	31.2	30.2	29.2	28.0	26.4	24.6	22.7	20.3	17.7	15.0	12.3
40°	31.9	31.0	30.0	28.8	27.3	25.6	23.6	21.3	18.7	15.8	13.0
37.5°	32.6	31.6	30.6	29.5	28.2	26.4	24.4	22.2	19.6	16.7	13.7
35°	33.1	32.2	31.2	30.1	28.8	27.2	25.3	23.0	20.3	17.4	14.4
32.5°	33.6	32.7	31.7	30.6	29.4	27.9	26.0	23.7	21.1	18.1	15.0
30°	34.0	33.1	32.2	31.1	29.9	28.5	26.6	24.3	21.7	18.8	15.6
27.5°	34.4	33.4	32.6	31.5	30.3	29.0	27.2	24.9	22.3	19.4	16.2
25°	34.8	33.8	32.8	31.8	30.7	29.4	27.7	25.5	22.8	19.9	16.6
22.5°	35.1	34.0	33.1	32.1	31.0	29.8	28.1	25.9	23.3	20.3	17.1
20°	35.3	34.3	33.2	32.4	31.2	30.1	28.4	26.3	23.7	20.7	17.5
17.5°	35.6	34.5	33.4	32.5	31.4	30.3	28.7	26.6	24.1	21.1	17.8
15°	35.8	34.7	33.6	32.6	31.6	30.4	29.0	26.9	24.4	21.4	18.1
12.5°	36.0	34.8	33.7	32.7	31.7	30.6	29.2	27.2	24.6	21.6	18.4
10°	36.1	34.9	33.8	32.8	31.8	30.7	29.4	27.4	24.8	21.8	18.6
7.5°	36.2	34.9	33.9	32.8	31.9	30.8	29.6	27.5	25.0	22.0	18.7
5°	36.3	34.9	33.9	32.8	31.9	30.8	29.7	27.6	25.1	22.1	18.8
2.5°	36.5	35.0	34.0	32.9	32.0	30.9	29.7	27.6	25.1	22.1	18.9
0°	36.6	35.1	34.0	32.9	32.0	30.9	29.7	27.6	25.1	22.1	18.9
-2.5°	36.5	35.0	34.0	32.9	32.0	30.9	29.7	27.6	25.1	22.1	18.9
-5°	36.3	34.9	33.9	32.8	31.9	30.8	29.7	27.6	25.1	22.1	18.8
-7.5°	36.2	34.9	33.9	32.8	31.9	30.8	29.6	27.5	25.0	22.0	18.7
-10°	36.1	34.9	33.8	32.8	31.8	30.7	29.4	27.4	24.8	21.8	18.6
-12.5°	36.0	34.8	33.7	32.7	31.7	30.6	29.2	27.2	24.6	21.6	18.4
-15°	35.8	34.7	33.6	32.6	31.6	30.4	29.0	26.9	24.4	21.4	18.1
-17.5°	35.6	34.5	33.4	32.5	31.4	30.3	28.7	26.6	24.1	21.1	17.8
-20°	35.3	34.3	33.2	32.4	31.2	30.1	28.4	26.3	23.7	20.7	17.5



REPORT NUMBER: P558464 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	35.1	34.0	33.1	32.1	31.0	29.8	28.1	25.9	23.3	20.3	17.1
-25°	34.8	33.8	32.8	31.8	30.7	29.4	27.7	25.5	22.8	19.9	16.6
-27.5°	34.4	33.4	32.6	31.5	30.3	29.0	27.2	24.9	22.3	19.4	16.2
-30°	34.0	33.1	32.2	31.1	29.9	28.5	26.6	24.3	21.7	18.8	15.6
-32.5°	33.6	32.7	31.7	30.6	29.4	27.9	26.0	23.7	21.1	18.1	15.0
-35°	33.1	32.2	31.2	30.1	28.8	27.2	25.3	23.0	20.3	17.4	14.4
-37.5°	32.6	31.6	30.6	29.5	28.2	26.4	24.4	22.2	19.6	16.7	13.7
-40°	31.9	31.0	30.0	28.8	27.3	25.6	23.6	21.3	18.7	15.8	13.0
-42.5°	31.2	30.2	29.2	28.0	26.4	24.6	22.7	20.3	17.7	15.0	12.3
-45°	30.4	29.4	28.3	27.0	25.4	23.6	21.6	19.3	16.7	14.1	11.5
-47.5°	29.4	28.4	27.2	25.9	24.3	22.5	20.4	18.1	15.6	13.2	10.8
-50°	28.4	27.3	26.1	24.7	23.1	21.2	19.2	16.9	14.6	12.2	10.0
-52.5°	27.2	26.1	24.8	23.4	21.7	19.9	17.8	15.6	13.5	11.3	9.2
-55°	25.9	24.7	23.4	21.9	20.2	18.4	16.4	14.4	12.3	10.3	8.3
-57.5°	24.3	23.1	21.8	20.3	18.6	16.8	14.9	13.1	11.2	9.3	7.6
-60°	22.7	21.4	20.0	18.5	16.8	15.2	13.5	11.8	10.0	8.3	6.8
-62.5°	20.8	19.5	18.0	16.6	15.1	13.6	12.0	10.5	8.9	7.4	6.1
-65°	18.6	17.3	16.0	14.7	13.3	12.0	10.6	9.1	7.8	6.5	5.3
-67.5°	16.3	15.1	14.0	12.8	11.6	10.3	9.1	7.8	6.7	5.5	4.7
-70°	13.9	12.9	11.9	10.8	9.8	8.7	7.6	6.6	5.5	4.8	4.0
-72.5°	11.5	10.7	9.8	8.9	8.0	7.1	6.2	5.3	4.7	4.0	3.3
-75°	9.2	8.5	7.8	7.1	6.3	5.5	4.9	4.4	3.9	3.3	2.7
-77.5°	6.9	6.3	5.8	5.3	4.8	4.3	3.9	3.5	3.0	2.6	2.2
-80°	4.7	4.4	4.1	3.7	3.4	3.1	2.9	2.7	2.3	2.0	1.7
-82.5°	2.8	2.7	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.3	1.2
-85°	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
75°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
72.5°	2.7	2.2	1.8	1.3	0.9	0.5	0.0
70°	3.2	2.6	2.1	1.5	1.0	0.5	0.0
67.5°	3.8	3.0	2.4	1.7	1.1	0.6	0.0
65°	4.3	3.4	2.6	1.9	1.3	0.6	0.0
62.5°	4.9	3.9	2.9	2.2	1.4	0.7	0.0
60°	5.4	4.3	3.2	2.4	1.5	0.7	0.0
57.5°	6.1	4.7	3.6	2.6	1.6	0.8	0.0
55°	6.7	5.2	3.9	2.8	1.8	0.9	0.0
52.5°	7.3	5.6	4.2	3.0	1.9	0.9	0.0
50°	7.9	6.1	4.5	3.2	2.0	1.0	0.0
47.5°	8.5	6.6	4.8	3.3	2.1	1.0	0.0
45°	9.1	7.0	5.1	3.6	2.2	1.1	0.0
42.5°	9.8	7.5	5.4	3.8	2.4	1.1	0.0
40°	10.3	7.9	5.7	3.9	2.5	1.1	0.0
37.5°	10.9	8.3	6.0	4.1	2.6	1.2	0.0
35°	11.4	8.7	6.3	4.3	2.6	1.2	0.0
32.5°	11.9	9.1	6.6	4.4	2.7	1.3	0.0
30°	12.4	9.5	6.8	4.6	2.8	1.3	0.0
27.5°	12.9	9.8	7.1	4.7	2.9	1.3	0.0
25°	13.3	10.1	7.3	4.8	3.0	1.4	0.0
22.5°	13.7	10.4	7.5	4.9	3.0	1.4	0.0
20°	14.0	10.7	7.7	5.0	3.1	1.4	0.0
17.5°	14.4	10.9	7.8	5.1	3.1	1.4	0.0
15°	14.6	11.1	8.0	5.2	3.2	1.4	0.0
12.5°	14.9	11.3	8.1	5.2	3.2	1.5	0.0
10°	15.1	11.4	8.2	5.3	3.2	1.5	0.0
7.5°	15.2	11.6	8.3	5.3	3.3	1.5	0.0
5°	15.3	11.6	8.4	5.3	3.3	1.5	0.0
2.5°	15.4	11.7	8.4	5.3	3.3	1.5	0.0
0°	15.4	11.7	8.4	5.3	3.3	1.5	0.0
-2.5°	15.4	11.7	8.4	5.3	3.3	1.5	0.0
-5°	15.3	11.6	8.4	5.3	3.3	1.5	0.0
-7.5°	15.2	11.6	8.3	5.3	3.3	1.5	0.0
-10°	15.1	11.4	8.2	5.3	3.2	1.5	0.0
-12.5°	14.9	11.3	8.1	5.2	3.2	1.5	0.0
-15°	14.6	11.1	8.0	5.2	3.2	1.4	0.0
-17.5°	14.4	10.9	7.8	5.1	3.1	1.4	0.0
-20°	14.0	10.7	7.7	5.0	3.1	1.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.7	10.4	7.5	4.9	3.0	1.4	0.0
-25°	13.3	10.1	7.3	4.8	3.0	1.4	0.0
-27.5°	12.9	9.8	7.1	4.7	2.9	1.3	0.0
-30°	12.4	9.5	6.8	4.6	2.8	1.3	0.0
-32.5°	11.9	9.1	6.6	4.4	2.7	1.3	0.0
-35°	11.4	8.7	6.3	4.3	2.6	1.2	0.0
-37.5°	10.9	8.3	6.0	4.1	2.6	1.2	0.0
-40°	10.3	7.9	5.7	3.9	2.5	1.1	0.0
-42.5°	9.8	7.5	5.4	3.8	2.4	1.1	0.0
-45°	9.1	7.0	5.1	3.6	2.2	1.1	0.0
-47.5°	8.5	6.6	4.8	3.3	2.1	1.0	0.0
-50°	7.9	6.1	4.5	3.2	2.0	1.0	0.0
-52.5°	7.3	5.6	4.2	3.0	1.9	0.9	0.0
-55°	6.7	5.2	3.9	2.8	1.8	0.9	0.0
-57.5°	6.1	4.7	3.6	2.6	1.6	0.8	0.0
-60°	5.4	4.3	3.2	2.4	1.5	0.7	0.0
-62.5°	4.9	3.9	2.9	2.2	1.4	0.7	0.0
-65°	4.3	3.4	2.6	1.9	1.3	0.6	0.0
-67.5°	3.8	3.0	2.4	1.7	1.1	0.6	0.0
-70°	3.2	2.6	2.1	1.5	1.0	0.5	0.0
-72.5°	2.7	2.2	1.8	1.3	0.9	0.5	0.0
-75°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-77.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
-82.5°	1.0	0.9	0.7	0.6	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)