

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: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558560 (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-SA1D-927-U-TS-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

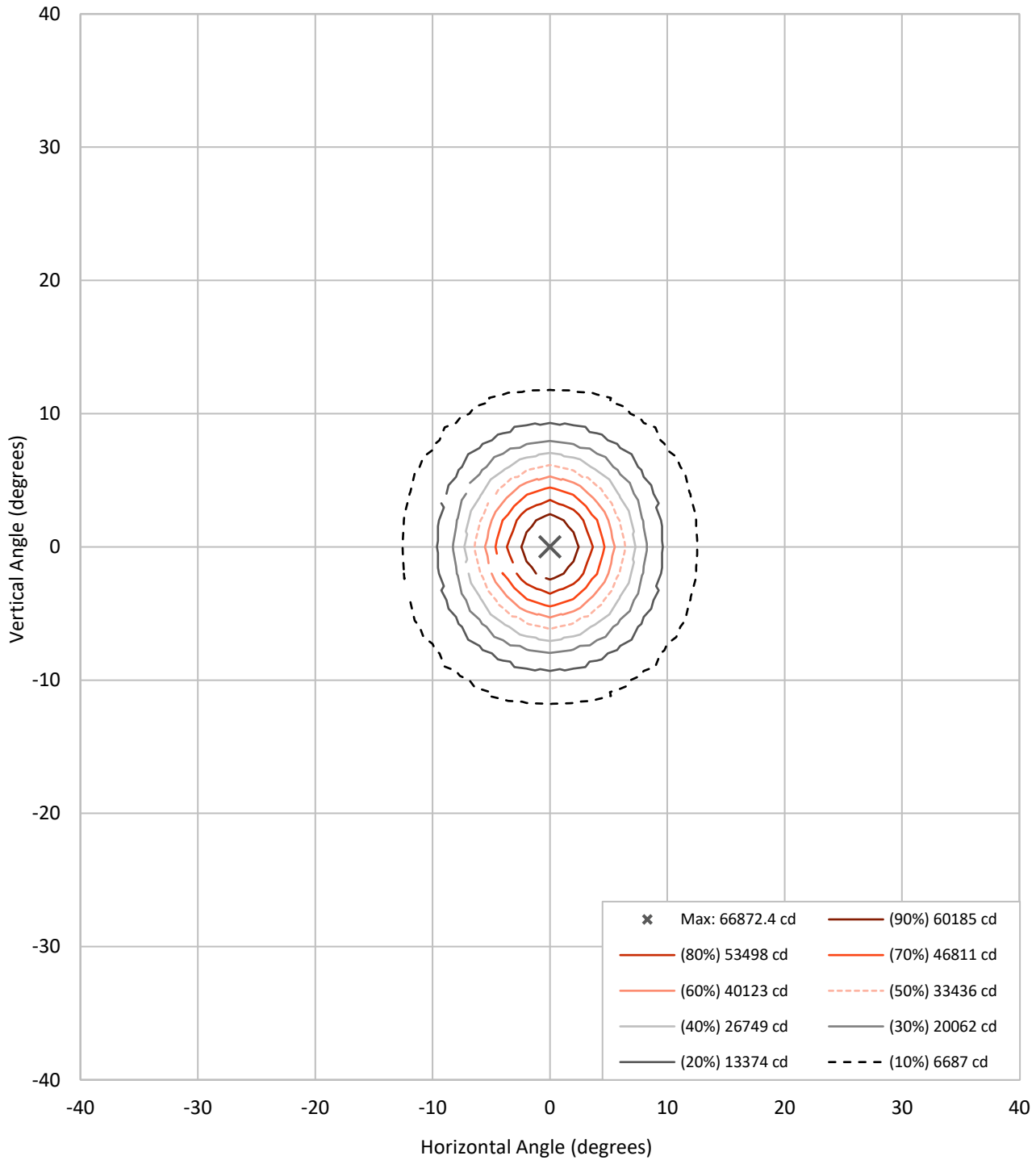
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	4847.4 lumens	Max Intensity:	66872.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1531.7 lumens	Field Lumens:	3393.2 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





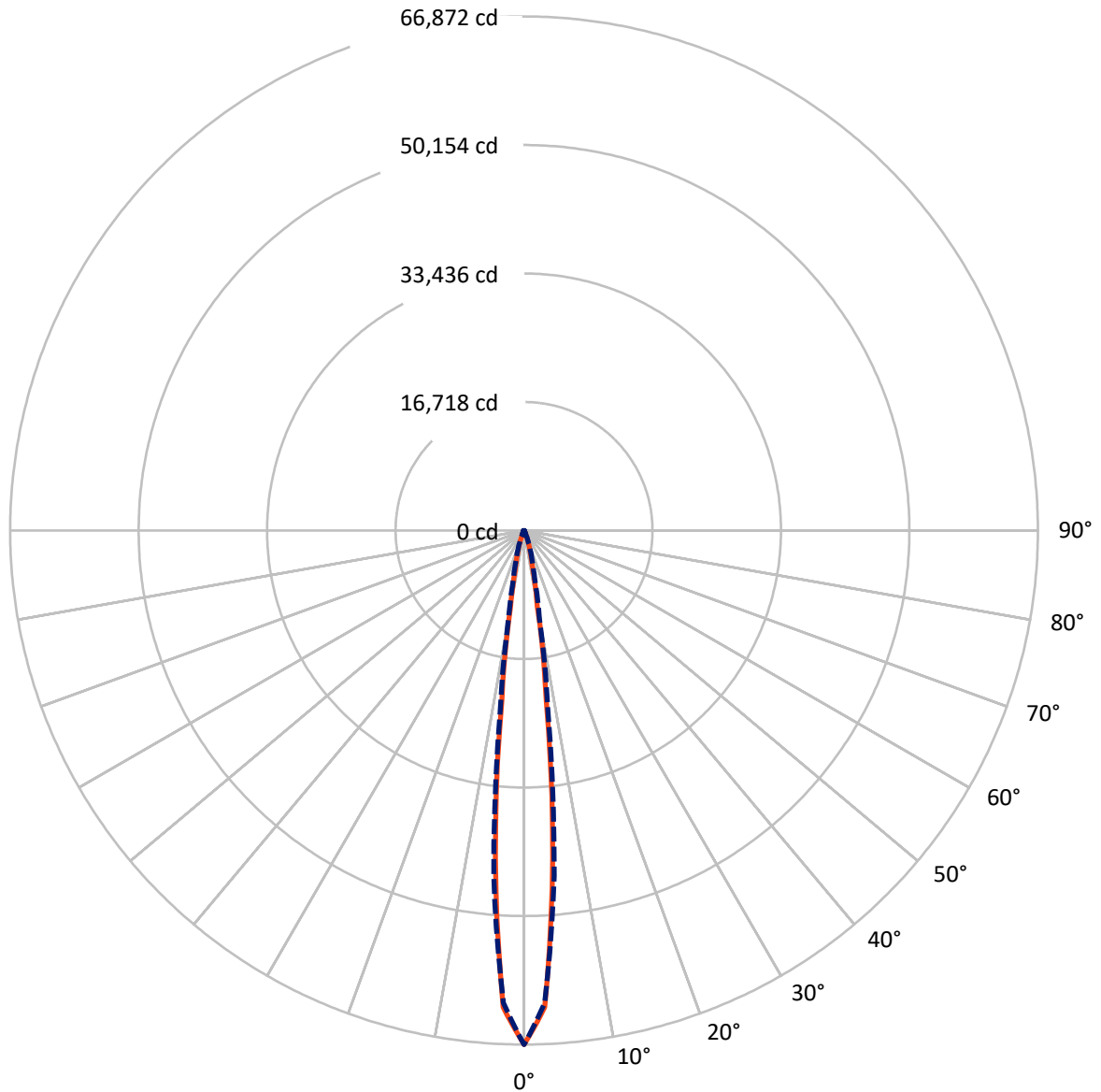
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### Lumen Table

90	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
80	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
70	0.3	0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3	0.3			
60		0.5	0.9	1.4	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.4	0.9	0.5				
50	0.5	0.6	1.2	1.6	2.1	2.4	2.7	2.8	2.8	2.7	2.4	2.1	1.6	1.2	0.6	0.5			
40		0.7	1.3	1.8	2.3	3.0	3.7	4.2	4.2	3.7	3.0	2.3	1.8	1.3	0.7				
30	0.6	0.8	1.4	1.9	2.7	4.2	9.3	16.9	16.9	9.3	4.2	2.7	1.9	1.4	0.8	0.6			
20		0.8	1.4	2.0	3.2	9.0	50.8	111.8	111.8	50.8	9.0	3.2	2.0	1.4	0.8				
10	0.7	0.9	1.4	2.1	3.5	17.3	122.0	789.3	789.3	122.0	17.3	3.5	2.1	1.4	0.9	0.7			
0		0.9	1.4	2.1	3.5	17.3	122.0	789.3	789.3	122.0	17.3	3.5	2.1	1.4	0.9				
-10	0.6	0.8	1.4	2.0	3.2	9.0	50.8	111.8	111.8	50.8	9.0	3.2	2.0	1.4	0.8	0.6			
-20		0.8	1.4	1.9	2.7	4.2	9.3	16.9	16.9	9.3	4.2	2.7	1.9	1.4	0.8				
-30	0.5	0.7	1.3	1.8	2.3	3.0	3.7	4.2	4.2	3.7	3.0	2.3	1.8	1.3	0.7	0.5			
-40		0.6	1.2	1.6	2.1	2.4	2.7	2.8	2.8	2.7	2.4	2.1	1.6	1.2	0.6				
-50	0.3	0.5	0.9	1.4	1.8	2.2	2.4	2.5	2.5	2.4	2.2	1.8	1.4	0.9	0.5	0.3			
-60		0.3	0.6	1.0	1.4	1.7	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.6	0.3				
-70	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
-80		0.6		1.6		2.5		2.9		2.5		1.6		0.6					
-90	0.1	0.6		1.6		2.5		2.9		2.5		1.6		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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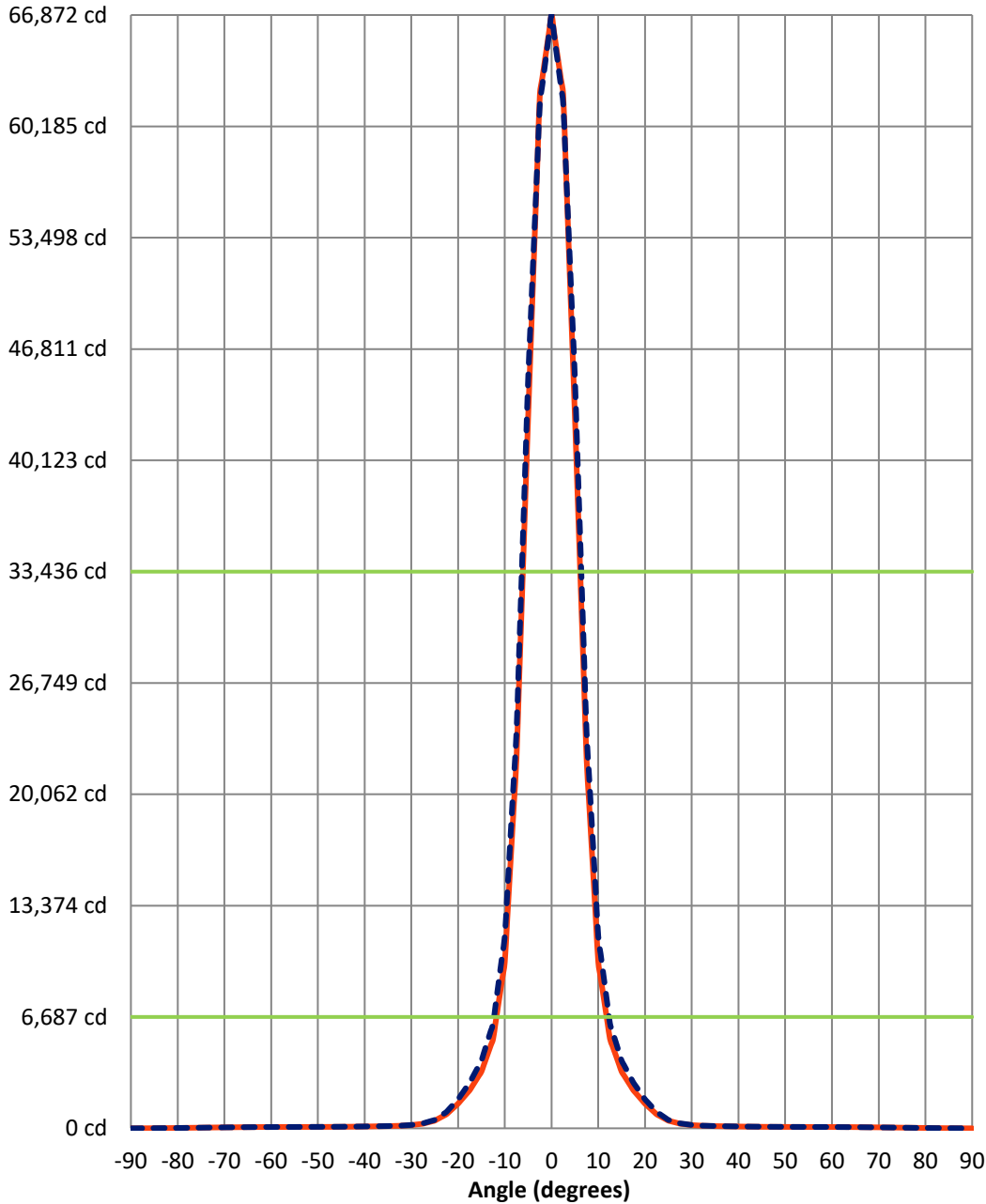
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 1531.7  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 3393.2  
Efficiency: 70.0%

**Spill:**  
Lumens: 1454.1  
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	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7
82.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.5	2.9	3.3	3.9	4.5
80°	0.0	0.6	1.2	1.8	2.4	2.8	3.3	4.1	4.9	5.7	6.5
77.5°	0.0	0.8	1.6	2.3	2.9	3.6	4.5	5.5	6.5	7.5	8.6
75°	0.0	0.9	1.9	2.7	3.6	4.6	5.6	6.8	8.1	9.5	10.8
72.5°	0.0	1.1	2.2	3.2	4.3	5.5	6.8	8.2	9.9	11.5	13.1
70°	0.0	1.2	2.5	3.6	5.1	6.5	7.9	9.8	11.7	13.6	16.1
67.5°	0.0	1.4	2.8	4.2	5.8	7.4	9.3	11.4	13.6	16.3	19.2
65°	0.0	1.5	3.0	4.7	6.5	8.4	10.7	13.0	15.9	19.1	22.4
62.5°	0.0	1.7	3.3	5.3	7.2	9.5	12.0	14.9	18.2	21.8	25.7
60°	0.0	1.8	3.6	5.8	7.9	10.6	13.4	16.8	20.5	24.7	28.9
57.5°	0.0	1.9	3.9	6.3	8.7	11.7	14.9	18.7	22.9	27.5	32.1
55°	0.0	2.1	4.3	6.8	9.6	12.7	16.5	20.5	25.4	30.3	35.3
52.5°	0.0	2.2	4.6	7.3	10.3	13.7	18.0	22.6	27.7	33.1	38.4
50°	0.0	2.3	4.9	7.7	11.1	14.9	19.5	24.6	30.1	35.8	41.5
47.5°	0.0	2.4	5.2	8.2	11.8	16.1	20.9	26.6	32.4	38.4	44.5
45°	0.0	2.5	5.5	8.7	12.5	17.3	22.5	28.4	34.7	41.0	47.4
42.5°	0.0	2.7	5.7	9.2	13.2	18.3	24.0	30.3	36.8	43.6	49.9
40°	0.0	2.8	6.0	9.7	13.9	19.4	25.5	32.1	38.9	46.0	52.3
37.5°	0.0	2.9	6.2	10.1	14.7	20.4	26.8	33.8	40.9	48.2	54.5
35°	0.0	2.9	6.5	10.5	15.5	21.4	28.1	35.4	42.9	50.0	56.5
32.5°	0.0	3.0	6.7	10.9	16.2	22.4	29.3	36.9	44.6	51.8	58.3
30°	0.0	3.1	6.9	11.3	16.8	23.3	30.6	38.3	46.3	53.4	59.9
27.5°	0.0	3.2	7.1	11.6	17.4	24.2	31.7	39.7	47.7	54.9	61.3
25°	0.0	3.3	7.3	11.9	18.0	25.0	32.7	40.9	48.9	56.2	62.7
22.5°	0.0	3.3	7.4	12.1	18.5	25.7	33.6	42.0	50.0	57.3	63.7
20°	0.0	3.4	7.6	12.4	18.9	26.3	34.5	43.0	51.0	58.3	64.7
17.5°	0.0	3.4	7.7	12.6	19.3	26.9	35.2	43.8	51.9	59.1	65.5
15°	0.0	3.5	7.8	12.7	19.7	27.4	35.9	44.6	52.6	59.9	66.2
12.5°	0.0	3.5	7.9	12.9	20.0	27.8	36.5	45.2	53.3	60.5	66.9
10°	0.0	3.5	8.0	13.0	20.2	28.2	37.0	45.7	53.8	61.0	67.3
7.5°	0.0	3.6	8.0	13.0	20.4	28.4	37.3	46.0	54.1	61.4	67.7
5°	0.0	3.6	8.1	13.1	20.6	28.6	37.6	46.3	54.4	61.6	67.9
2.5°	0.0	3.6	8.1	13.1	20.7	28.8	37.7	46.4	54.5	61.7	68.0
0°	0.0	3.6	8.1	13.1	20.7	28.8	37.7	46.4	54.5	61.7	68.0
-2.5°	0.0	3.6	8.1	13.1	20.7	28.8	37.7	46.4	54.5	61.7	68.0
-5°	0.0	3.6	8.1	13.1	20.6	28.6	37.6	46.3	54.4	61.6	67.9
-7.5°	0.0	3.6	8.0	13.0	20.4	28.4	37.3	46.0	54.1	61.4	67.7
-10°	0.0	3.5	8.0	13.0	20.2	28.2	37.0	45.7	53.8	61.0	67.3
-12.5°	0.0	3.5	7.9	12.9	20.0	27.8	36.5	45.2	53.3	60.5	66.9
-15°	0.0	3.5	7.8	12.7	19.7	27.4	35.9	44.6	52.6	59.9	66.2
-17.5°	0.0	3.4	7.7	12.6	19.3	26.9	35.2	43.8	51.9	59.1	65.5
-20°	0.0	3.4	7.6	12.4	18.9	26.3	34.5	43.0	51.0	58.3	64.7



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 CATALOG NUMBER: GFLD-SA1D-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	3.3	7.4	12.1	18.5	25.7	33.6	42.0	50.0	57.3	63.7
-25°	0.0	3.3	7.3	11.9	18.0	25.0	32.7	40.9	48.9	56.2	62.7
-27.5°	0.0	3.2	7.1	11.6	17.4	24.2	31.7	39.7	47.7	54.9	61.3
-30°	0.0	3.1	6.9	11.3	16.8	23.3	30.6	38.3	46.3	53.4	59.9
-32.5°	0.0	3.0	6.7	10.9	16.2	22.4	29.3	36.9	44.6	51.8	58.3
-35°	0.0	2.9	6.5	10.5	15.5	21.4	28.1	35.4	42.9	50.0	56.5
-37.5°	0.0	2.9	6.2	10.1	14.7	20.4	26.8	33.8	40.9	48.2	54.5
-40°	0.0	2.8	6.0	9.7	13.9	19.4	25.5	32.1	38.9	46.0	52.3
-42.5°	0.0	2.7	5.7	9.2	13.2	18.3	24.0	30.3	36.8	43.6	49.9
-45°	0.0	2.5	5.5	8.7	12.5	17.3	22.5	28.4	34.7	41.0	47.4
-47.5°	0.0	2.4	5.2	8.2	11.8	16.1	20.9	26.6	32.4	38.4	44.5
-50°	0.0	2.3	4.9	7.7	11.1	14.9	19.5	24.6	30.1	35.8	41.5
-52.5°	0.0	2.2	4.6	7.3	10.3	13.7	18.0	22.6	27.7	33.1	38.4
-55°	0.0	2.1	4.3	6.8	9.6	12.7	16.5	20.5	25.4	30.3	35.3
-57.5°	0.0	1.9	3.9	6.3	8.7	11.7	14.9	18.7	22.9	27.5	32.1
-60°	0.0	1.8	3.6	5.8	7.9	10.6	13.4	16.8	20.5	24.7	28.9
-62.5°	0.0	1.7	3.3	5.3	7.2	9.5	12.0	14.9	18.2	21.8	25.7
-65°	0.0	1.5	3.0	4.7	6.5	8.4	10.7	13.0	15.9	19.1	22.4
-67.5°	0.0	1.4	2.8	4.2	5.8	7.4	9.3	11.4	13.6	16.3	19.2
-70°	0.0	1.2	2.5	3.6	5.1	6.5	7.9	9.8	11.7	13.6	16.1
-72.5°	0.0	1.1	2.2	3.2	4.3	5.5	6.8	8.2	9.9	11.5	13.1
-75°	0.0	0.9	1.9	2.7	3.6	4.6	5.6	6.8	8.1	9.5	10.8
-77.5°	0.0	0.8	1.6	2.3	2.9	3.6	4.5	5.5	6.5	7.5	8.6
-80°	0.0	0.6	1.2	1.8	2.4	2.8	3.3	4.1	4.9	5.7	6.5
-82.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.5	2.9	3.3	3.9	4.5
-85°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	1.9	2.2	2.4	2.7
-87.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-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):**

	-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°	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.5
85°	3.0	3.2	3.5	3.8	4.0	4.3	4.5	4.7	5.0	5.2	5.5
82.5°	5.0	5.4	5.8	6.1	6.4	6.7	7.1	7.6	8.3	8.9	9.5
80°	7.2	7.6	8.4	9.2	10.0	10.8	11.6	12.3	13.1	14.0	14.9
77.5°	9.6	10.6	11.8	13.0	14.1	15.5	16.8	18.2	19.4	20.5	21.5
75°	12.2	13.6	15.4	17.3	19.1	20.8	22.6	24.3	25.9	27.3	28.7
72.5°	15.1	17.4	19.6	21.8	24.1	26.3	28.4	30.3	32.3	34.2	36.0
70°	18.7	21.3	24.0	26.7	29.4	31.8	34.2	36.6	39.0	41.2	43.1
67.5°	22.2	25.4	28.5	31.5	34.4	37.2	40.0	42.8	45.5	47.8	49.8
65°	25.9	29.4	32.8	36.1	39.3	42.5	45.7	48.8	51.4	53.5	55.5
62.5°	29.5	33.4	37.1	40.8	44.3	47.9	51.0	53.8	56.4	58.7	60.8
60°	33.2	37.4	41.5	45.4	49.2	52.5	55.7	58.4	61.1	63.6	65.4
57.5°	36.8	41.3	45.7	49.8	53.5	56.9	59.9	62.8	65.1	67.0	69.1
55°	40.3	45.2	49.7	53.8	57.5	60.7	63.7	66.2	68.4	70.3	72.3
52.5°	43.8	48.9	53.4	57.5	61.0	64.2	66.9	69.3	71.4	73.3	75.0
50°	47.2	52.2	56.8	60.7	64.2	67.2	69.7	72.1	74.1	75.9	77.3
47.5°	50.2	55.4	59.7	63.7	67.1	69.9	72.3	74.6	76.6	78.2	79.6
45°	53.0	58.1	62.5	66.3	69.6	72.3	74.7	77.0	78.6	80.2	81.3
42.5°	55.7	60.6	65.0	68.9	71.8	74.4	76.8	78.8	80.5	81.8	83.0
40°	58.0	63.0	67.3	70.8	73.8	76.2	78.4	80.4	82.1	83.5	84.8
37.5°	60.1	65.1	69.3	72.6	75.4	77.8	80.0	81.9	83.6	85.0	86.7
35°	62.2	67.0	70.9	74.1	76.8	79.2	81.3	83.2	84.9	86.8	88.8
32.5°	64.0	68.8	72.4	75.3	78.0	80.4	82.5	84.5	86.4	88.6	91.1
30°	65.5	70.1	73.7	76.4	79.1	81.4	83.6	85.7	87.8	90.4	93.7
27.5°	66.9	71.3	74.6	77.4	80.1	82.2	84.6	86.9	89.4	92.5	96.6
25°	68.1	72.4	75.4	78.3	80.7	83.0	85.4	87.9	90.9	95.0	100.4
22.5°	69.2	73.4	76.2	79.1	81.3	83.7	86.2	88.9	92.4	97.3	104.4
20°	70.0	74.0	76.8	79.7	81.8	84.3	86.9	89.9	94.0	100.4	108.6
17.5°	70.8	74.5	77.3	80.0	82.3	84.9	87.5	90.6	95.3	103.3	112.5
15°	71.4	75.0	77.8	80.3	82.7	85.3	88.0	91.6	97.1	106.1	116.0
12.5°	72.0	75.3	78.1	80.5	83.0	85.6	88.5	92.4	99.0	108.6	119.4
10°	72.5	75.6	78.3	80.6	83.2	85.7	88.9	92.9	100.3	110.1	121.5
7.5°	72.8	75.8	78.5	80.7	83.4	85.8	89.1	93.2	101.1	110.9	122.6
5°	72.9	76.0	78.7	80.9	83.5	85.9	89.3	93.3	101.5	111.0	123.0
2.5°	73.0	76.1	78.8	81.0	83.7	86.2	89.7	93.8	101.8	111.5	123.3
0°	72.9	76.1	78.8	81.0	83.7	86.2	89.7	93.8	101.7	112.1	123.4
-2.5°	73.0	76.1	78.8	81.0	83.7	86.2	89.7	93.8	101.8	111.5	123.3
-5°	72.9	76.0	78.7	80.9	83.5	85.9	89.3	93.3	101.5	111.0	123.0
-7.5°	72.8	75.8	78.5	80.7	83.4	85.8	89.1	93.2	101.1	110.9	122.6
-10°	72.5	75.6	78.3	80.6	83.2	85.7	88.9	92.9	100.3	110.1	121.5
-12.5°	72.0	75.3	78.1	80.5	83.0	85.6	88.5	92.4	99.0	108.6	119.4
-15°	71.4	75.0	77.8	80.3	82.7	85.3	88.0	91.6	97.1	106.1	116.0
-17.5°	70.8	74.5	77.3	80.0	82.3	84.9	87.5	90.6	95.3	103.3	112.5
-20°	70.0	74.0	76.8	79.7	81.8	84.3	86.9	89.9	94.0	100.4	108.6



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	69.2	73.4	76.2	79.1	81.3	83.7	86.2	88.9	92.4	97.3	104.4
-25°	68.1	72.4	75.4	78.3	80.7	83.0	85.4	87.9	90.9	95.0	100.4
-27.5°	66.9	71.3	74.6	77.4	80.1	82.2	84.6	86.9	89.4	92.5	96.6
-30°	65.5	70.1	73.7	76.4	79.1	81.4	83.6	85.7	87.8	90.4	93.7
-32.5°	64.0	68.8	72.4	75.3	78.0	80.4	82.5	84.5	86.4	88.6	91.1
-35°	62.2	67.0	70.9	74.1	76.8	79.2	81.3	83.2	84.9	86.8	88.8
-37.5°	60.1	65.1	69.3	72.6	75.4	77.8	80.0	81.9	83.6	85.0	86.7
-40°	58.0	63.0	67.3	70.8	73.8	76.2	78.4	80.4	82.1	83.5	84.8
-42.5°	55.7	60.6	65.0	68.9	71.8	74.4	76.8	78.8	80.5	81.8	83.0
-45°	53.0	58.1	62.5	66.3	69.6	72.3	74.7	77.0	78.6	80.2	81.3
-47.5°	50.2	55.4	59.7	63.7	67.1	69.9	72.3	74.6	76.6	78.2	79.6
-50°	47.2	52.2	56.8	60.7	64.2	67.2	69.7	72.1	74.1	75.9	77.3
-52.5°	43.8	48.9	53.4	57.5	61.0	64.2	66.9	69.3	71.4	73.3	75.0
-55°	40.3	45.2	49.7	53.8	57.5	60.7	63.7	66.2	68.4	70.3	72.3
-57.5°	36.8	41.3	45.7	49.8	53.5	56.9	59.9	62.8	65.1	67.0	69.1
-60°	33.2	37.4	41.5	45.4	49.2	52.5	55.7	58.4	61.1	63.6	65.4
-62.5°	29.5	33.4	37.1	40.8	44.3	47.9	51.0	53.8	56.4	58.7	60.8
-65°	25.9	29.4	32.8	36.1	39.3	42.5	45.7	48.8	51.4	53.5	55.5
-67.5°	22.2	25.4	28.5	31.5	34.4	37.2	40.0	42.8	45.5	47.8	49.8
-70°	18.7	21.3	24.0	26.7	29.4	31.8	34.2	36.6	39.0	41.2	43.1
-72.5°	15.1	17.4	19.6	21.8	24.1	26.3	28.4	30.3	32.3	34.2	36.0
-75°	12.2	13.6	15.4	17.3	19.1	20.8	22.6	24.3	25.9	27.3	28.7
-77.5°	9.6	10.6	11.8	13.0	14.1	15.5	16.8	18.2	19.4	20.5	21.5
-80°	7.2	7.6	8.4	9.2	10.0	10.8	11.6	12.3	13.1	14.0	14.9
-82.5°	5.0	5.4	5.8	6.1	6.4	6.7	7.1	7.6	8.3	8.9	9.5
-85°	3.0	3.2	3.5	3.8	4.0	4.3	4.5	4.7	5.0	5.2	5.5
-87.5°	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2.6	2.6	2.6	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.7
85°	5.7	6.0	6.2	6.5	6.8	6.9	7.1	7.2	7.4	7.5	7.5
82.5°	10.1	10.6	11.1	11.5	11.9	12.2	12.4	12.7	12.9	13.1	13.2
80°	15.7	16.5	17.2	17.9	18.5	19.1	19.5	19.9	20.1	20.5	20.7
77.5°	22.5	23.5	24.6	25.5	26.3	27.0	27.7	28.2	28.7	29.2	29.7
75°	30.1	31.4	32.6	33.7	34.7	35.6	36.4	37.1	37.7	38.2	38.7
72.5°	37.7	39.3	40.7	41.8	42.9	43.9	44.9	45.9	46.7	47.4	47.9
70°	44.9	46.5	48.0	49.3	50.6	51.8	53.2	54.4	55.5	56.2	56.6
67.5°	51.5	53.1	54.8	56.5	58.0	59.3	60.6	61.8	62.9	63.6	64.0
65°	57.4	59.2	61.1	62.8	64.3	65.5	66.7	67.8	68.8	69.7	70.3
62.5°	63.0	64.8	66.3	67.8	69.1	70.3	71.4	72.4	73.3	74.1	74.9
60°	67.2	69.1	70.6	71.9	73.1	74.3	75.2	76.0	76.6	77.1	77.6
57.5°	70.9	72.6	74.1	75.2	76.4	77.5	78.2	78.7	79.1	79.3	79.5
55°	74.0	75.4	76.7	77.9	79.0	80.0	80.6	80.9	81.1	81.2	81.3
52.5°	76.6	77.9	79.2	80.4	81.2	82.0	82.7	82.9	83.0	83.0	83.0
50°	78.9	80.2	81.2	82.2	83.1	83.8	84.4	84.6	84.8	84.8	84.7
47.5°	80.7	81.9	83.0	84.0	84.9	85.7	86.4	86.8	87.0	87.1	87.1
45°	82.3	83.7	84.9	86.1	87.1	88.2	89.1	89.7	90.3	90.8	91.0
42.5°	84.3	85.6	87.0	88.6	90.0	91.5	93.0	94.4	95.7	97.2	98.2
40°	86.3	87.7	89.8	91.7	93.9	95.9	99.1	102.3	104.7	106.8	108.7
37.5°	88.5	90.6	93.1	95.6	99.2	102.8	106.9	110.8	114.3	117.5	120.0
35°	91.1	93.9	96.9	101.4	105.9	110.4	115.3	120.6	125.2	128.5	130.8
32.5°	94.2	97.8	102.6	108.3	113.9	119.8	125.7	131.6	136.0	140.6	145.2
30°	97.7	102.9	109.2	116.1	123.0	130.1	137.5	145.6	153.4	161.8	173.7
27.5°	102.2	108.6	115.9	124.1	132.4	140.8	153.6	167.7	188.6	205.2	233.5
25°	107.0	114.4	123.2	132.6	142.8	157.8	181.3	209.1	258.3	296.4	354.4
22.5°	112.3	121.0	130.7	141.6	158.0	186.3	226.5	297.8	397.0	495.0	604.0
20°	117.5	127.2	137.8	154.3	182.2	226.9	314.0	468.1	640.3	885.5	1091.3
17.5°	122.6	132.8	146.2	168.5	210.3	300.3	468.9	733.0	1092.6	1487.8	1817.4
15°	126.9	137.4	155.4	190.7	261.3	401.6	656.1	1105.6	1709.9	2250.9	2733.5
12.5°	130.6	143.0	165.5	208.6	305.7	513.3	921.6	1559.8	2297.8	3056.6	3667.3
10°	133.3	148.9	178.8	241.8	376.2	646.3	1142.9	1948.0	2836.4	3758.7	4862.8
7.5°	134.9	153.2	188.9	266.5	439.0	794.3	1420.5	2294.5	3314.7	4573.8	6260.7
5°	136.1	156.1	196.5	285.1	481.0	892.2	1595.7	2557.0	3727.5	5548.0	9019.7
2.5°	136.6	157.4	200.7	295.3	500.2	942.5	1719.0	2707.3	3978.6	6235.2	10931.0
0°	136.4	156.7	201.2	297.6	502.9	981.0	1739.5	2750.2	4063.4	6296.8	11543.7
-2.5°	136.6	157.4	200.7	295.3	500.2	942.5	1719.0	2707.3	3978.6	6235.2	10931.0
-5°	136.1	156.1	196.5	285.1	481.0	892.2	1595.7	2557.0	3727.5	5548.0	9019.7
-7.5°	134.9	153.2	188.9	266.5	439.0	794.3	1420.5	2294.5	3314.7	4573.8	6260.7
-10°	133.3	148.9	178.8	241.8	376.2	646.3	1142.9	1948.0	2836.4	3758.7	4862.8
-12.5°	130.6	143.0	165.5	208.6	305.7	513.3	921.6	1559.8	2297.8	3056.6	3667.3
-15°	126.9	137.4	155.4	190.7	261.3	401.6	656.1	1105.6	1709.9	2250.9	2733.5
-17.5°	122.6	132.8	146.2	168.5	210.3	300.3	468.9	733.0	1092.6	1487.8	1817.4
-20°	117.5	127.2	137.8	154.3	182.2	226.9	314.0	468.1	640.3	885.5	1091.3



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	112.3	121.0	130.7	141.6	158.0	186.3	226.5	297.8	397.0	495.0	604.0
-25°	107.0	114.4	123.2	132.6	142.8	157.8	181.3	209.1	258.3	296.4	354.4
-27.5°	102.2	108.6	115.9	124.1	132.4	140.8	153.6	167.7	188.6	205.2	233.5
-30°	97.7	102.9	109.2	116.1	123.0	130.1	137.5	145.6	153.4	161.8	173.7
-32.5°	94.2	97.8	102.6	108.3	113.9	119.8	125.7	131.6	136.0	140.6	145.2
-35°	91.1	93.9	96.9	101.4	105.9	110.4	115.3	120.6	125.2	128.5	130.8
-37.5°	88.5	90.6	93.1	95.6	99.2	102.8	106.9	110.8	114.3	117.5	120.0
-40°	86.3	87.7	89.8	91.7	93.9	95.9	99.1	102.3	104.7	106.8	108.7
-42.5°	84.3	85.6	87.0	88.6	90.0	91.5	93.0	94.4	95.7	97.2	98.2
-45°	82.3	83.7	84.9	86.1	87.1	88.2	89.1	89.7	90.3	90.8	91.0
-47.5°	80.7	81.9	83.0	84.0	84.9	85.7	86.4	86.8	87.0	87.1	87.1
-50°	78.9	80.2	81.2	82.2	83.1	83.8	84.4	84.6	84.8	84.8	84.7
-52.5°	76.6	77.9	79.2	80.4	81.2	82.0	82.7	82.9	83.0	83.0	83.0
-55°	74.0	75.4	76.7	77.9	79.0	80.0	80.6	80.9	81.1	81.2	81.3
-57.5°	70.9	72.6	74.1	75.2	76.4	77.5	78.2	78.7	79.1	79.3	79.5
-60°	67.2	69.1	70.6	71.9	73.1	74.3	75.2	76.0	76.6	77.1	77.6
-62.5°	63.0	64.8	66.3	67.8	69.1	70.3	71.4	72.4	73.3	74.1	74.9
-65°	57.4	59.2	61.1	62.8	64.3	65.5	66.7	67.8	68.8	69.7	70.3
-67.5°	51.5	53.1	54.8	56.5	58.0	59.3	60.6	61.8	62.9	63.6	64.0
-70°	44.9	46.5	48.0	49.3	50.6	51.8	53.2	54.4	55.5	56.2	56.6
-72.5°	37.7	39.3	40.7	41.8	42.9	43.9	44.9	45.9	46.7	47.4	47.9
-75°	30.1	31.4	32.6	33.7	34.7	35.6	36.4	37.1	37.7	38.2	38.7
-77.5°	22.5	23.5	24.6	25.5	26.3	27.0	27.7	28.2	28.7	29.2	29.7
-80°	15.7	16.5	17.2	17.9	18.5	19.1	19.5	19.9	20.1	20.5	20.7
-82.5°	10.1	10.6	11.1	11.5	11.9	12.2	12.4	12.7	12.9	13.1	13.2
-85°	5.7	6.0	6.2	6.5	6.8	6.9	7.1	7.2	7.4	7.5	7.5
-87.5°	2.6	2.6	2.6	2.5	2.4	2.5	2.5	2.6	2.6	2.6	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6
85°	7.6	7.7	7.7	7.7	7.7	7.7	7.6	7.5	7.5	7.4	7.2
82.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.2	13.1	12.9	12.7
80°	20.9	21.1	21.2	21.2	21.2	21.1	20.9	20.7	20.5	20.1	19.9
77.5°	30.1	30.4	30.6	30.6	30.6	30.4	30.1	29.7	29.2	28.7	28.2
75°	39.1	39.4	39.5	39.6	39.5	39.4	39.1	38.7	38.2	37.7	37.1
72.5°	48.2	48.4	48.8	49.1	48.8	48.4	48.2	47.9	47.4	46.7	45.9
70°	56.8	57.0	57.3	57.6	57.3	57.0	56.8	56.6	56.2	55.5	54.4
67.5°	64.3	64.5	64.6	64.4	64.6	64.5	64.3	64.0	63.6	62.9	61.8
65°	70.8	71.3	71.3	71.1	71.3	71.3	70.8	70.3	69.7	68.8	67.8
62.5°	75.6	76.2	76.4	76.5	76.4	76.2	75.6	74.9	74.1	73.3	72.4
60°	77.9	78.2	78.3	78.3	78.3	78.2	77.9	77.6	77.1	76.6	76.0
57.5°	79.6	79.7	79.7	79.7	79.7	79.7	79.6	79.5	79.3	79.1	78.7
55°	81.4	81.4	81.3	81.0	81.3	81.4	81.4	81.3	81.2	81.1	80.9
52.5°	83.0	82.8	82.6	82.4	82.6	82.8	83.0	83.0	83.0	83.0	82.9
50°	84.6	84.3	84.2	84.2	84.2	84.3	84.6	84.7	84.8	84.8	84.6
47.5°	87.1	86.9	86.8	86.9	86.8	86.9	87.1	87.1	87.1	87.0	86.8
45°	91.1	90.9	90.8	90.9	90.8	90.9	91.1	91.0	90.8	90.3	89.7
42.5°	98.8	98.9	98.8	99.0	98.8	98.9	98.8	98.2	97.2	95.7	94.4
40°	109.4	109.4	109.0	108.9	109.0	109.4	109.4	108.7	106.8	104.7	102.3
37.5°	121.1	121.1	120.7	120.7	120.7	121.1	121.1	120.0	117.5	114.3	110.8
35°	132.0	132.4	132.3	131.9	132.3	132.4	132.0	130.8	128.5	125.2	120.6
32.5°	148.4	151.0	152.3	151.7	152.3	151.0	148.4	145.2	140.6	136.0	131.6
30°	181.3	187.8	191.2	192.7	191.2	187.8	181.3	173.7	161.8	153.4	145.6
27.5°	253.8	268.1	274.6	276.9	274.6	268.1	253.8	233.5	205.2	188.6	167.7
25°	404.9	437.2	453.2	458.3	453.2	437.2	404.9	354.4	296.4	258.3	209.1
22.5°	724.0	786.2	828.9	838.3	828.9	786.2	724.0	604.0	495.0	397.0	297.8
20°	1298.2	1418.5	1483.8	1478.0	1483.8	1418.5	1298.2	1091.3	885.5	640.3	468.1
17.5°	2097.5	2251.8	2325.3	2291.0	2325.3	2251.8	2097.5	1817.4	1487.8	1092.6	733.0
15°	3074.9	3283.4	3374.4	3402.5	3374.4	3283.4	3074.9	2733.5	2250.9	1709.9	1105.6
12.5°	4277.0	4960.7	5287.6	5375.3	5287.6	4960.7	4277.0	3667.3	3056.6	2297.8	1559.8
10°	5992.1	8290.3	9657.2	9991.0	9657.2	8290.3	5992.1	4862.8	3758.7	2836.4	1948.0
7.5°	9785.6	14455.7	19687.2	22164.6	19687.2	14455.7	9785.6	6260.7	4573.8	3314.7	2294.5
5°	14923.0	25900.2	38012.8	42761.2	38012.8	25900.2	14923.0	9019.7	5548.0	3727.5	2557.0
2.5°	21168.5	39107.3	55843.9	62083.1	55843.9	39107.3	21168.5	10931.0	6235.2	3978.6	2707.3
0°	23807.1	45086.4	61528.0	66872.4	61528.0	45086.4	23807.1	11543.7	6296.8	4063.4	2750.2
-2.5°	21168.5	39107.3	55843.9	62083.0	55843.9	39107.3	21168.5	10931.0	6235.2	3978.6	2707.3
-5°	14923.0	25900.2	38012.8	42761.2	38012.8	25900.2	14923.0	9019.7	5548.0	3727.5	2557.0
-7.5°	9785.6	14455.7	19687.2	22164.6	19687.2	14455.7	9785.6	6260.7	4573.8	3314.7	2294.5
-10°	5992.1	8290.3	9657.2	9991.0	9657.2	8290.3	5992.1	4862.8	3758.7	2836.4	1948.0
-12.5°	4277.0	4960.7	5287.6	5375.3	5287.6	4960.7	4277.0	3667.3	3056.6	2297.8	1559.8
-15°	3074.9	3283.4	3374.4	3402.5	3374.4	3283.4	3074.9	2733.5	2250.9	1709.9	1105.6
-17.5°	2097.5	2251.8	2325.3	2291.0	2325.3	2251.8	2097.5	1817.4	1487.8	1092.6	733.0
-20°	1298.2	1418.5	1483.8	1478.0	1483.8	1418.5	1298.2	1091.3	885.5	640.3	468.1



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	724.0	786.2	828.9	838.3	828.9	786.2	724.0	604.0	495.0	397.0	297.8
-25°	404.9	437.2	453.2	458.3	453.2	437.2	404.9	354.4	296.4	258.3	209.1
-27.5°	253.8	268.1	274.6	276.9	274.6	268.1	253.8	233.5	205.2	188.6	167.7
-30°	181.3	187.8	191.2	192.7	191.2	187.8	181.3	173.7	161.8	153.4	145.6
-32.5°	148.4	151.0	152.3	151.7	152.3	151.0	148.4	145.2	140.6	136.0	131.6
-35°	132.0	132.4	132.3	131.9	132.3	132.4	132.0	130.8	128.5	125.2	120.6
-37.5°	121.1	121.1	120.7	120.7	120.7	121.1	121.1	120.0	117.5	114.3	110.8
-40°	109.4	109.4	109.0	108.9	109.0	109.4	109.4	108.7	106.8	104.7	102.3
-42.5°	98.8	98.9	98.8	99.0	98.8	98.9	98.8	98.2	97.2	95.7	94.4
-45°	91.1	90.9	90.8	90.9	90.8	90.9	91.1	91.0	90.8	90.3	89.7
-47.5°	87.1	86.9	86.8	86.9	86.8	86.9	87.1	87.1	87.1	87.0	86.8
-50°	84.6	84.3	84.2	84.2	84.2	84.3	84.6	84.7	84.8	84.8	84.6
-52.5°	83.0	82.8	82.6	82.4	82.6	82.8	83.0	83.0	83.0	83.0	82.9
-55°	81.4	81.4	81.3	81.0	81.3	81.4	81.4	81.3	81.2	81.1	80.9
-57.5°	79.6	79.7	79.7	79.7	79.7	79.7	79.6	79.5	79.3	79.1	78.7
-60°	77.9	78.2	78.3	78.3	78.3	78.2	77.9	77.6	77.1	76.6	76.0
-62.5°	75.6	76.2	76.4	76.5	76.4	76.2	75.6	74.9	74.1	73.3	72.4
-65°	70.8	71.3	71.3	71.1	71.3	71.3	70.8	70.3	69.7	68.8	67.8
-67.5°	64.3	64.5	64.6	64.4	64.6	64.5	64.3	64.0	63.6	62.9	61.8
-70°	56.8	57.0	57.3	57.6	57.3	57.0	56.8	56.6	56.2	55.5	54.4
-72.5°	48.2	48.4	48.8	49.1	48.8	48.4	48.2	47.9	47.4	46.7	45.9
-75°	39.1	39.4	39.5	39.6	39.5	39.4	39.1	38.7	38.2	37.7	37.1
-77.5°	30.1	30.4	30.6	30.6	30.6	30.4	30.1	29.7	29.2	28.7	28.2
-80°	20.9	21.1	21.2	21.2	21.2	21.1	20.9	20.7	20.5	20.1	19.9
-82.5°	13.4	13.4	13.5	13.5	13.5	13.4	13.4	13.2	13.1	12.9	12.7
-85°	7.6	7.7	7.7	7.7	7.7	7.7	7.6	7.5	7.5	7.4	7.2
-87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	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: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2.5	2.5	2.4	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.3
85°	7.1	6.9	6.8	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7
82.5°	12.4	12.2	11.9	11.5	11.1	10.6	10.1	9.5	8.9	8.3	7.6
80°	19.5	19.1	18.5	17.9	17.2	16.5	15.7	14.9	14.0	13.1	12.3
77.5°	27.7	27.0	26.3	25.5	24.6	23.5	22.5	21.5	20.5	19.4	18.2
75°	36.4	35.6	34.7	33.7	32.6	31.4	30.1	28.7	27.3	25.9	24.3
72.5°	44.9	43.9	42.9	41.8	40.7	39.3	37.7	36.0	34.2	32.3	30.3
70°	53.2	51.8	50.6	49.3	48.0	46.5	44.9	43.1	41.2	39.0	36.6
67.5°	60.6	59.3	58.0	56.5	54.8	53.1	51.5	49.8	47.8	45.5	42.8
65°	66.7	65.5	64.3	62.8	61.1	59.2	57.4	55.5	53.5	51.4	48.8
62.5°	71.4	70.3	69.1	67.8	66.3	64.8	63.0	60.8	58.7	56.4	53.8
60°	75.2	74.3	73.1	71.9	70.6	69.1	67.2	65.4	63.6	61.1	58.4
57.5°	78.2	77.5	76.4	75.2	74.1	72.6	70.9	69.1	67.0	65.1	62.8
55°	80.6	80.0	79.0	77.9	76.7	75.4	74.0	72.3	70.3	68.4	66.2
52.5°	82.7	82.0	81.2	80.4	79.2	77.9	76.6	75.0	73.3	71.4	69.3
50°	84.4	83.8	83.1	82.2	81.2	80.2	78.9	77.3	75.9	74.1	72.1
47.5°	86.4	85.7	84.9	84.0	83.0	81.9	80.7	79.6	78.2	76.6	74.6
45°	89.1	88.2	87.1	86.1	84.9	83.7	82.3	81.3	80.2	78.6	77.0
42.5°	93.0	91.5	90.0	88.6	87.0	85.6	84.3	83.0	81.8	80.5	78.8
40°	99.1	95.9	93.9	91.7	89.8	87.7	86.3	84.8	83.5	82.1	80.4
37.5°	106.9	102.8	99.2	95.6	93.1	90.6	88.5	86.7	85.0	83.6	81.9
35°	115.3	110.4	105.9	101.4	96.9	93.9	91.1	88.8	86.8	84.9	83.2
32.5°	125.7	119.8	113.9	108.3	102.6	97.8	94.2	91.1	88.6	86.4	84.5
30°	137.5	130.1	123.0	116.1	109.2	102.9	97.7	93.7	90.4	87.8	85.7
27.5°	153.6	140.8	132.4	124.1	115.9	108.6	102.2	96.6	92.5	89.4	86.9
25°	181.3	157.8	142.8	132.6	123.2	114.4	107.0	100.4	95.0	90.9	87.9
22.5°	226.5	186.3	158.0	141.6	130.7	121.0	112.3	104.4	97.3	92.4	88.9
20°	314.0	226.9	182.2	154.3	137.8	127.2	117.5	108.6	100.4	94.0	89.9
17.5°	468.9	300.3	210.3	168.5	146.2	132.8	122.6	112.5	103.3	95.3	90.6
15°	656.1	401.6	261.3	190.7	155.4	137.4	126.9	116.0	106.1	97.1	91.6
12.5°	921.6	513.3	305.7	208.6	165.5	143.0	130.6	119.4	108.6	99.0	92.4
10°	1142.9	646.3	376.2	241.8	178.8	148.9	133.3	121.5	110.1	100.3	92.9
7.5°	1420.5	794.3	439.0	266.5	188.9	153.2	134.9	122.6	110.9	101.1	93.2
5°	1595.7	892.2	481.0	285.1	196.5	156.1	136.1	123.0	111.0	101.5	93.3
2.5°	1719.0	942.5	500.2	295.3	200.7	157.4	136.6	123.3	111.5	101.8	93.8
0°	1739.5	981.0	502.9	297.6	201.2	156.7	136.4	123.4	112.1	101.7	94.1
-2.5°	1719.0	942.5	500.2	295.3	200.7	157.4	136.6	123.3	111.5	101.8	93.8
-5°	1595.7	892.2	481.0	285.1	196.5	156.1	136.1	123.0	111.0	101.5	93.3
-7.5°	1420.5	794.3	439.0	266.5	188.9	153.2	134.9	122.6	110.9	101.1	93.2
-10°	1142.9	646.3	376.2	241.8	178.8	148.9	133.3	121.5	110.1	100.3	92.9
-12.5°	921.6	513.3	305.7	208.6	165.5	143.0	130.6	119.4	108.6	99.0	92.4
-15°	656.1	401.6	261.3	190.7	155.4	137.4	126.9	116.0	106.1	97.1	91.6
-17.5°	468.9	300.3	210.3	168.5	146.2	132.8	122.6	112.5	103.3	95.3	90.6
-20°	314.0	226.9	182.2	154.3	137.8	127.2	117.5	108.6	100.4	94.0	89.9



REPORT NUMBER: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	226.5	186.3	158.0	141.6	130.7	121.0	112.3	104.4	97.3	92.4	88.9
-25°	181.3	157.8	142.8	132.6	123.2	114.4	107.0	100.4	95.0	90.9	87.9
-27.5°	153.6	140.8	132.4	124.1	115.9	108.6	102.2	96.6	92.5	89.4	86.9
-30°	137.5	130.1	123.0	116.1	109.2	102.9	97.7	93.7	90.4	87.8	85.7
-32.5°	125.7	119.8	113.9	108.3	102.6	97.8	94.2	91.1	88.6	86.4	84.5
-35°	115.3	110.4	105.9	101.4	96.9	93.9	91.1	88.8	86.8	84.9	83.2
-37.5°	106.9	102.8	99.2	95.6	93.1	90.6	88.5	86.7	85.0	83.6	81.9
-40°	99.1	95.9	93.9	91.7	89.8	87.7	86.3	84.8	83.5	82.1	80.4
-42.5°	93.0	91.5	90.0	88.6	87.0	85.6	84.3	83.0	81.8	80.5	78.8
-45°	89.1	88.2	87.1	86.1	84.9	83.7	82.3	81.3	80.2	78.6	77.0
-47.5°	86.4	85.7	84.9	84.0	83.0	81.9	80.7	79.6	78.2	76.6	74.6
-50°	84.4	83.8	83.1	82.2	81.2	80.2	78.9	77.3	75.9	74.1	72.1
-52.5°	82.7	82.0	81.2	80.4	79.2	77.9	76.6	75.0	73.3	71.4	69.3
-55°	80.6	80.0	79.0	77.9	76.7	75.4	74.0	72.3	70.3	68.4	66.2
-57.5°	78.2	77.5	76.4	75.2	74.1	72.6	70.9	69.1	67.0	65.1	62.8
-60°	75.2	74.3	73.1	71.9	70.6	69.1	67.2	65.4	63.6	61.1	58.4
-62.5°	71.4	70.3	69.1	67.8	66.3	64.8	63.0	60.8	58.7	56.4	53.8
-65°	66.7	65.5	64.3	62.8	61.1	59.2	57.4	55.5	53.5	51.4	48.8
-67.5°	60.6	59.3	58.0	56.5	54.8	53.1	51.5	49.8	47.8	45.5	42.8
-70°	53.2	51.8	50.6	49.3	48.0	46.5	44.9	43.1	41.2	39.0	36.6
-72.5°	44.9	43.9	42.9	41.8	40.7	39.3	37.7	36.0	34.2	32.3	30.3
-75°	36.4	35.6	34.7	33.7	32.6	31.4	30.1	28.7	27.3	25.9	24.3
-77.5°	27.7	27.0	26.3	25.5	24.6	23.5	22.5	21.5	20.5	19.4	18.2
-80°	19.5	19.1	18.5	17.9	17.2	16.5	15.7	14.9	14.0	13.1	12.3
-82.5°	12.4	12.2	11.9	11.5	11.1	10.6	10.1	9.5	8.9	8.3	7.6
-85°	7.1	6.9	6.8	6.5	6.2	6.0	5.7	5.5	5.2	5.0	4.7
-87.5°	2.5	2.5	2.4	2.5	2.6	2.6	2.6	2.5	2.5	2.4	2.3
-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: P558560 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-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°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.2	1.1	1.0
85°	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9
82.5°	7.1	6.7	6.4	6.1	5.8	5.4	5.0	4.5	3.9	3.3	2.9
80°	11.6	10.8	10.0	9.2	8.4	7.6	7.2	6.5	5.7	4.9	4.1
77.5°	16.8	15.5	14.1	13.0	11.8	10.6	9.6	8.6	7.5	6.5	5.5
75°	22.6	20.8	19.1	17.3	15.4	13.6	12.2	10.8	9.5	8.1	6.8
72.5°	28.4	26.3	24.1	21.8	19.6	17.4	15.1	13.1	11.5	9.9	8.2
70°	34.2	31.8	29.4	26.7	24.0	21.3	18.7	16.1	13.6	11.7	9.8
67.5°	40.0	37.2	34.4	31.5	28.5	25.4	22.2	19.2	16.3	13.6	11.4
65°	45.7	42.5	39.3	36.1	32.8	29.4	25.9	22.4	19.1	15.9	13.0
62.5°	51.0	47.9	44.3	40.8	37.1	33.4	29.5	25.7	21.8	18.2	14.9
60°	55.7	52.5	49.2	45.4	41.5	37.4	33.2	28.9	24.7	20.5	16.8
57.5°	59.9	56.9	53.5	49.8	45.7	41.3	36.8	32.1	27.5	22.9	18.7
55°	63.7	60.7	57.5	53.8	49.7	45.2	40.3	35.3	30.3	25.4	20.5
52.5°	66.9	64.2	61.0	57.5	53.4	48.9	43.8	38.4	33.1	27.7	22.6
50°	69.7	67.2	64.2	60.7	56.8	52.2	47.2	41.5	35.8	30.1	24.6
47.5°	72.3	69.9	67.1	63.7	59.7	55.4	50.2	44.5	38.4	32.4	26.6
45°	74.7	72.3	69.6	66.3	62.5	58.1	53.0	47.4	41.0	34.7	28.4
42.5°	76.8	74.4	71.8	68.9	65.0	60.6	55.7	49.9	43.6	36.8	30.3
40°	78.4	76.2	73.8	70.8	67.3	63.0	58.0	52.3	46.0	38.9	32.1
37.5°	80.0	77.8	75.4	72.6	69.3	65.1	60.1	54.5	48.2	40.9	33.8
35°	81.3	79.2	76.8	74.1	70.9	67.0	62.2	56.5	50.0	42.9	35.4
32.5°	82.5	80.4	78.0	75.3	72.4	68.8	64.0	58.3	51.8	44.6	36.9
30°	83.6	81.4	79.1	76.4	73.7	70.1	65.5	59.9	53.4	46.3	38.3
27.5°	84.6	82.2	80.1	77.4	74.6	71.3	66.9	61.3	54.9	47.7	39.7
25°	85.4	83.0	80.7	78.3	75.4	72.4	68.1	62.7	56.2	48.9	40.9
22.5°	86.2	83.7	81.3	79.1	76.2	73.4	69.2	63.7	57.3	50.0	42.0
20°	86.9	84.3	81.8	79.7	76.8	74.0	70.0	64.7	58.3	51.0	43.0
17.5°	87.5	84.9	82.3	80.0	77.3	74.5	70.8	65.5	59.1	51.9	43.8
15°	88.0	85.3	82.7	80.3	77.8	75.0	71.4	66.2	59.9	52.6	44.6
12.5°	88.5	85.6	83.0	80.5	78.1	75.3	72.0	66.9	60.5	53.3	45.2
10°	88.9	85.7	83.2	80.6	78.3	75.6	72.5	67.3	61.0	53.8	45.7
7.5°	89.1	85.8	83.4	80.7	78.5	75.8	72.8	67.7	61.4	54.1	46.0
5°	89.3	85.9	83.5	80.9	78.7	76.0	72.9	67.9	61.6	54.4	46.3
2.5°	89.7	86.2	83.7	81.0	78.8	76.1	73.0	68.0	61.7	54.5	46.4
0°	90.0	86.4	83.7	81.0	78.8	76.1	72.9	68.0	61.7	54.5	46.4
-2.5°	89.7	86.2	83.7	81.0	78.8	76.1	73.0	68.0	61.7	54.5	46.4
-5°	89.3	85.9	83.5	80.9	78.7	76.0	72.9	67.9	61.6	54.4	46.3
-7.5°	89.1	85.8	83.4	80.7	78.5	75.8	72.8	67.7	61.4	54.1	46.0
-10°	88.9	85.7	83.2	80.6	78.3	75.6	72.5	67.3	61.0	53.8	45.7
-12.5°	88.5	85.6	83.0	80.5	78.1	75.3	72.0	66.9	60.5	53.3	45.2
-15°	88.0	85.3	82.7	80.3	77.8	75.0	71.4	66.2	59.9	52.6	44.6
-17.5°	87.5	84.9	82.3	80.0	77.3	74.5	70.8	65.5	59.1	51.9	43.8
-20°	86.9	84.3	81.8	79.7	76.8	74.0	70.0	64.7	58.3	51.0	43.0



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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°	86.2	83.7	81.3	79.1	76.2	73.4	69.2	63.7	57.3	50.0	42.0
-25°	85.4	83.0	80.7	78.3	75.4	72.4	68.1	62.7	56.2	48.9	40.9
-27.5°	84.6	82.2	80.1	77.4	74.6	71.3	66.9	61.3	54.9	47.7	39.7
-30°	83.6	81.4	79.1	76.4	73.7	70.1	65.5	59.9	53.4	46.3	38.3
-32.5°	82.5	80.4	78.0	75.3	72.4	68.8	64.0	58.3	51.8	44.6	36.9
-35°	81.3	79.2	76.8	74.1	70.9	67.0	62.2	56.5	50.0	42.9	35.4
-37.5°	80.0	77.8	75.4	72.6	69.3	65.1	60.1	54.5	48.2	40.9	33.8
-40°	78.4	76.2	73.8	70.8	67.3	63.0	58.0	52.3	46.0	38.9	32.1
-42.5°	76.8	74.4	71.8	68.9	65.0	60.6	55.7	49.9	43.6	36.8	30.3
-45°	74.7	72.3	69.6	66.3	62.5	58.1	53.0	47.4	41.0	34.7	28.4
-47.5°	72.3	69.9	67.1	63.7	59.7	55.4	50.2	44.5	38.4	32.4	26.6
-50°	69.7	67.2	64.2	60.7	56.8	52.2	47.2	41.5	35.8	30.1	24.6
-52.5°	66.9	64.2	61.0	57.5	53.4	48.9	43.8	38.4	33.1	27.7	22.6
-55°	63.7	60.7	57.5	53.8	49.7	45.2	40.3	35.3	30.3	25.4	20.5
-57.5°	59.9	56.9	53.5	49.8	45.7	41.3	36.8	32.1	27.5	22.9	18.7
-60°	55.7	52.5	49.2	45.4	41.5	37.4	33.2	28.9	24.7	20.5	16.8
-62.5°	51.0	47.9	44.3	40.8	37.1	33.4	29.5	25.7	21.8	18.2	14.9
-65°	45.7	42.5	39.3	36.1	32.8	29.4	25.9	22.4	19.1	15.9	13.0
-67.5°	40.0	37.2	34.4	31.5	28.5	25.4	22.2	19.2	16.3	13.6	11.4
-70°	34.2	31.8	29.4	26.7	24.0	21.3	18.7	16.1	13.6	11.7	9.8
-72.5°	28.4	26.3	24.1	21.8	19.6	17.4	15.1	13.1	11.5	9.9	8.2
-75°	22.6	20.8	19.1	17.3	15.4	13.6	12.2	10.8	9.5	8.1	6.8
-77.5°	16.8	15.5	14.1	13.0	11.8	10.6	9.6	8.6	7.5	6.5	5.5
-80°	11.6	10.8	10.0	9.2	8.4	7.6	7.2	6.5	5.7	4.9	4.1
-82.5°	7.1	6.7	6.4	6.1	5.8	5.4	5.0	4.5	3.9	3.3	2.9
-85°	4.5	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9
-87.5°	2.2	2.1	1.9	1.8	1.7	1.6	1.5	1.4	1.2	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



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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°	0.8	0.7	0.6	0.5	0.3	0.2	0.0
85°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
82.5°	2.5	2.1	1.8	1.4	0.9	0.5	0.0
80°	3.3	2.8	2.4	1.8	1.2	0.6	0.0
77.5°	4.5	3.6	2.9	2.3	1.6	0.8	0.0
75°	5.6	4.6	3.6	2.7	1.9	0.9	0.0
72.5°	6.8	5.5	4.3	3.2	2.2	1.1	0.0
70°	7.9	6.5	5.1	3.6	2.5	1.2	0.0
67.5°	9.3	7.4	5.8	4.2	2.8	1.4	0.0
65°	10.7	8.4	6.5	4.7	3.0	1.5	0.0
62.5°	12.0	9.5	7.2	5.3	3.3	1.7	0.0
60°	13.4	10.6	7.9	5.8	3.6	1.8	0.0
57.5°	14.9	11.7	8.7	6.3	3.9	1.9	0.0
55°	16.5	12.7	9.6	6.8	4.3	2.1	0.0
52.5°	18.0	13.7	10.3	7.3	4.6	2.2	0.0
50°	19.5	14.9	11.1	7.7	4.9	2.3	0.0
47.5°	20.9	16.1	11.8	8.2	5.2	2.4	0.0
45°	22.5	17.3	12.5	8.7	5.5	2.5	0.0
42.5°	24.0	18.3	13.2	9.2	5.7	2.7	0.0
40°	25.5	19.4	13.9	9.7	6.0	2.8	0.0
37.5°	26.8	20.4	14.7	10.1	6.2	2.9	0.0
35°	28.1	21.4	15.5	10.5	6.5	2.9	0.0
32.5°	29.3	22.4	16.2	10.9	6.7	3.0	0.0
30°	30.6	23.3	16.8	11.3	6.9	3.1	0.0
27.5°	31.7	24.2	17.4	11.6	7.1	3.2	0.0
25°	32.7	25.0	18.0	11.9	7.3	3.3	0.0
22.5°	33.6	25.7	18.5	12.1	7.4	3.3	0.0
20°	34.5	26.3	18.9	12.4	7.6	3.4	0.0
17.5°	35.2	26.9	19.3	12.6	7.7	3.4	0.0
15°	35.9	27.4	19.7	12.7	7.8	3.5	0.0
12.5°	36.5	27.8	20.0	12.9	7.9	3.5	0.0
10°	37.0	28.2	20.2	13.0	8.0	3.5	0.0
7.5°	37.3	28.4	20.4	13.0	8.0	3.6	0.0
5°	37.6	28.6	20.6	13.1	8.1	3.6	0.0
2.5°	37.7	28.8	20.7	13.1	8.1	3.6	0.0
0°	37.8	28.8	20.7	13.1	8.1	3.6	0.0
-2.5°	37.7	28.8	20.7	13.1	8.1	3.6	0.0
-5°	37.6	28.6	20.6	13.1	8.1	3.6	0.0
-7.5°	37.3	28.4	20.4	13.0	8.0	3.6	0.0
-10°	37.0	28.2	20.2	13.0	8.0	3.5	0.0
-12.5°	36.5	27.8	20.0	12.9	7.9	3.5	0.0
-15°	35.9	27.4	19.7	12.7	7.8	3.5	0.0
-17.5°	35.2	26.9	19.3	12.6	7.7	3.4	0.0
-20°	34.5	26.3	18.9	12.4	7.6	3.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.6	25.7	18.5	12.1	7.4	3.3	0.0
-25°	32.7	25.0	18.0	11.9	7.3	3.3	0.0
-27.5°	31.7	24.2	17.4	11.6	7.1	3.2	0.0
-30°	30.6	23.3	16.8	11.3	6.9	3.1	0.0
-32.5°	29.3	22.4	16.2	10.9	6.7	3.0	0.0
-35°	28.1	21.4	15.5	10.5	6.5	2.9	0.0
-37.5°	26.8	20.4	14.7	10.1	6.2	2.9	0.0
-40°	25.5	19.4	13.9	9.7	6.0	2.8	0.0
-42.5°	24.0	18.3	13.2	9.2	5.7	2.7	0.0
-45°	22.5	17.3	12.5	8.7	5.5	2.5	0.0
-47.5°	20.9	16.1	11.8	8.2	5.2	2.4	0.0
-50°	19.5	14.9	11.1	7.7	4.9	2.3	0.0
-52.5°	18.0	13.7	10.3	7.3	4.6	2.2	0.0
-55°	16.5	12.7	9.6	6.8	4.3	2.1	0.0
-57.5°	14.9	11.7	8.7	6.3	3.9	1.9	0.0
-60°	13.4	10.6	7.9	5.8	3.6	1.8	0.0
-62.5°	12.0	9.5	7.2	5.3	3.3	1.7	0.0
-65°	10.7	8.4	6.5	4.7	3.0	1.5	0.0
-67.5°	9.3	7.4	5.8	4.2	2.8	1.4	0.0
-70°	7.9	6.5	5.1	3.6	2.5	1.2	0.0
-72.5°	6.8	5.5	4.3	3.2	2.2	1.1	0.0
-75°	5.6	4.6	3.6	2.7	1.9	0.9	0.0
-77.5°	4.5	3.6	2.9	2.3	1.6	0.8	0.0
-80°	3.3	2.8	2.4	1.8	1.2	0.6	0.0
-82.5°	2.5	2.1	1.8	1.4	0.9	0.5	0.0
-85°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-87.5°	0.8	0.7	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)