

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: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558544 (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-SA1C-935-U-TS-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

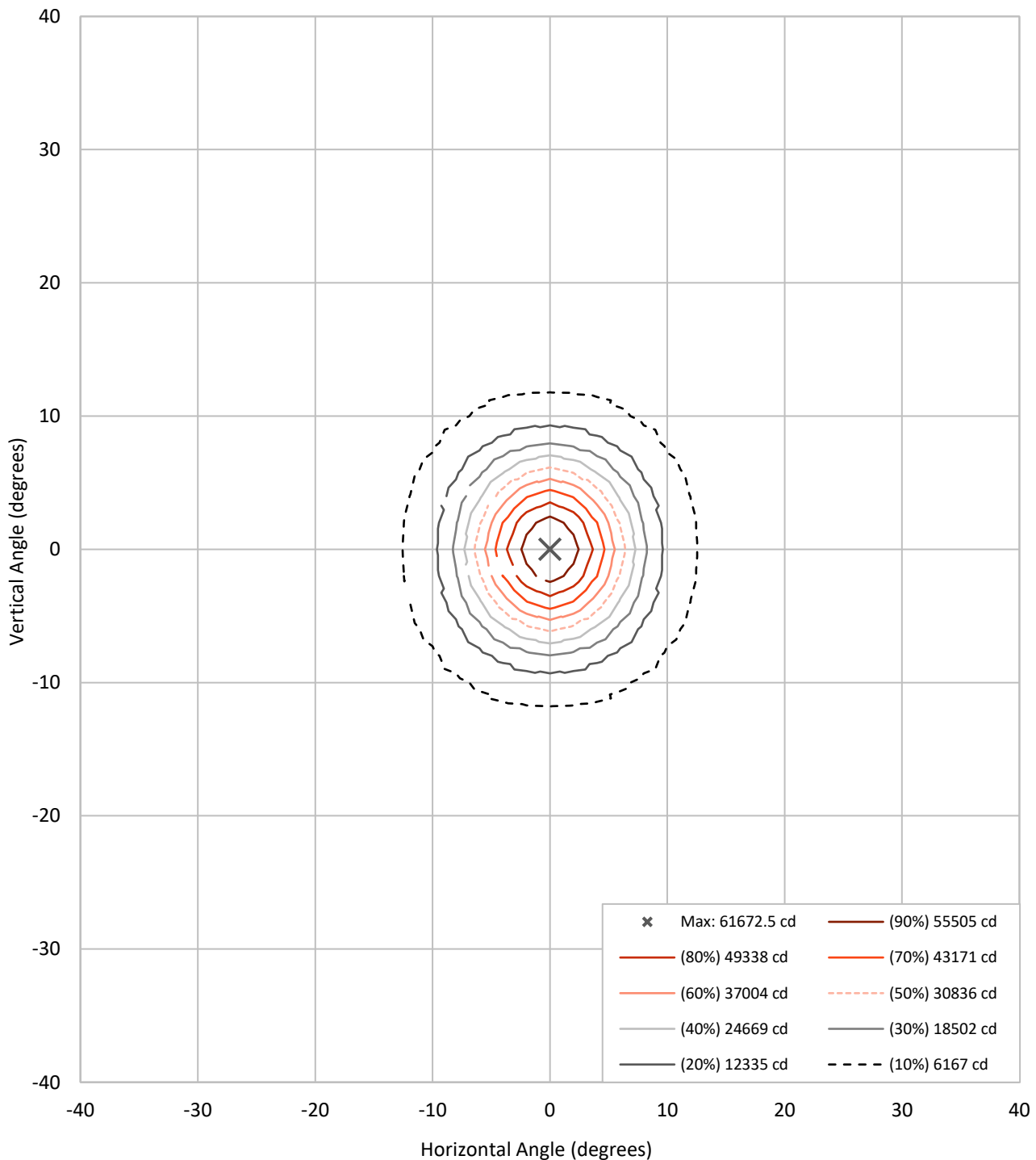
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	4470.5 lumens	Max Intensity:	61672.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	1412.6 lumens	Field Lumens:	3129.4 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 44  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





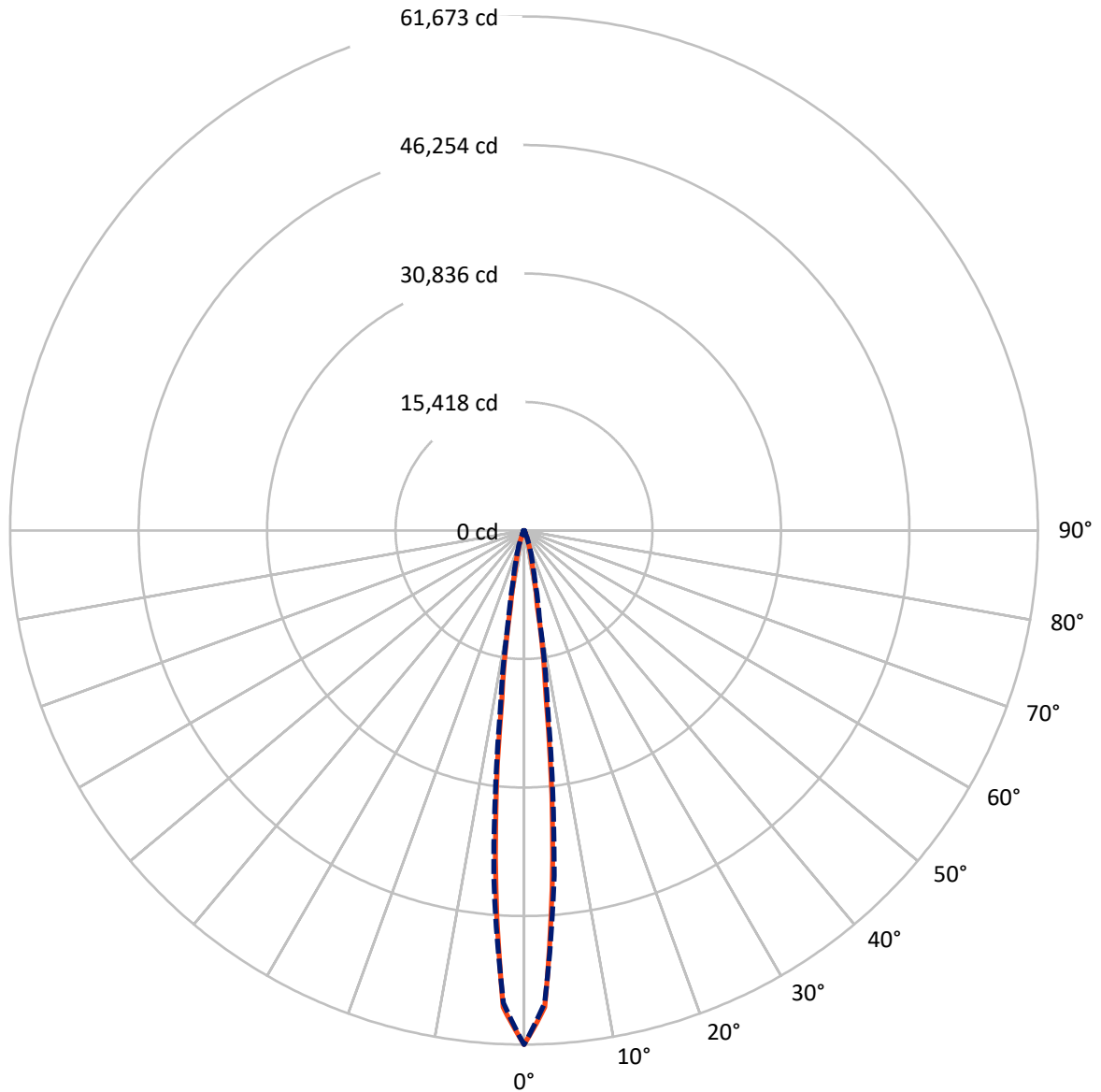
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### Lumen Table

90	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
80	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
70	0.2	0.3	0.6	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.6	0.3	0.2
60		0.4	0.9	1.3	1.7	2.0	2.2	2.3	2.3	2.2	2.0	1.7	1.3	0.9	0.4	
50	0.4	0.6	1.1	1.5	1.9	2.2	2.5	2.6	2.6	2.5	2.2	1.9	1.5	1.1	0.6	0.4
40		0.7	1.2	1.7	2.1	2.7	3.4	3.8	3.8	3.4	2.7	2.1	1.7	1.2	0.7	
30	0.6	0.7	1.3	1.8	2.5	3.9	8.6	15.6	15.6	8.6	3.9	2.5	1.8	1.3	0.7	0.6
20		0.8	1.3	1.9	2.9	8.3	46.9	103.1	103.1	46.9	8.3	2.9	1.9	1.3	0.8	
10	0.6	0.8	1.3	1.9	3.3	15.9	112.5	728.0	728.0	112.5	15.9	3.3	1.9	1.3	0.8	0.6
0		0.8	1.3	1.9	3.3	15.9	112.5	728.0	728.0	112.5	15.9	3.3	1.9	1.3	0.8	
-10	0.6	0.8	1.3	1.9	2.9	8.3	46.9	103.1	103.1	46.9	8.3	2.9	1.9	1.3	0.8	0.6
-20		0.7	1.3	1.8	2.5	3.9	8.6	15.6	15.6	8.6	3.9	2.5	1.8	1.3	0.7	
-30	0.4	0.7	1.2	1.7	2.1	2.7	3.4	3.8	3.8	3.4	2.7	2.1	1.7	1.2	0.7	0.4
-40		0.6	1.1	1.5	1.9	2.2	2.5	2.6	2.6	2.5	2.2	1.9	1.5	1.1	0.6	
-50	0.2	0.4	0.9	1.3	1.7	2.0	2.2	2.3	2.3	2.2	2.0	1.7	1.3	0.9	0.4	0.2
-60		0.3	0.6	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.6	0.3	
-70	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1
-80		0.5		1.4		2.3		2.7		2.3		1.4		0.5		
-90	0.1	0.5		1.4		2.3		2.7		2.3		1.4		0.5		0.1

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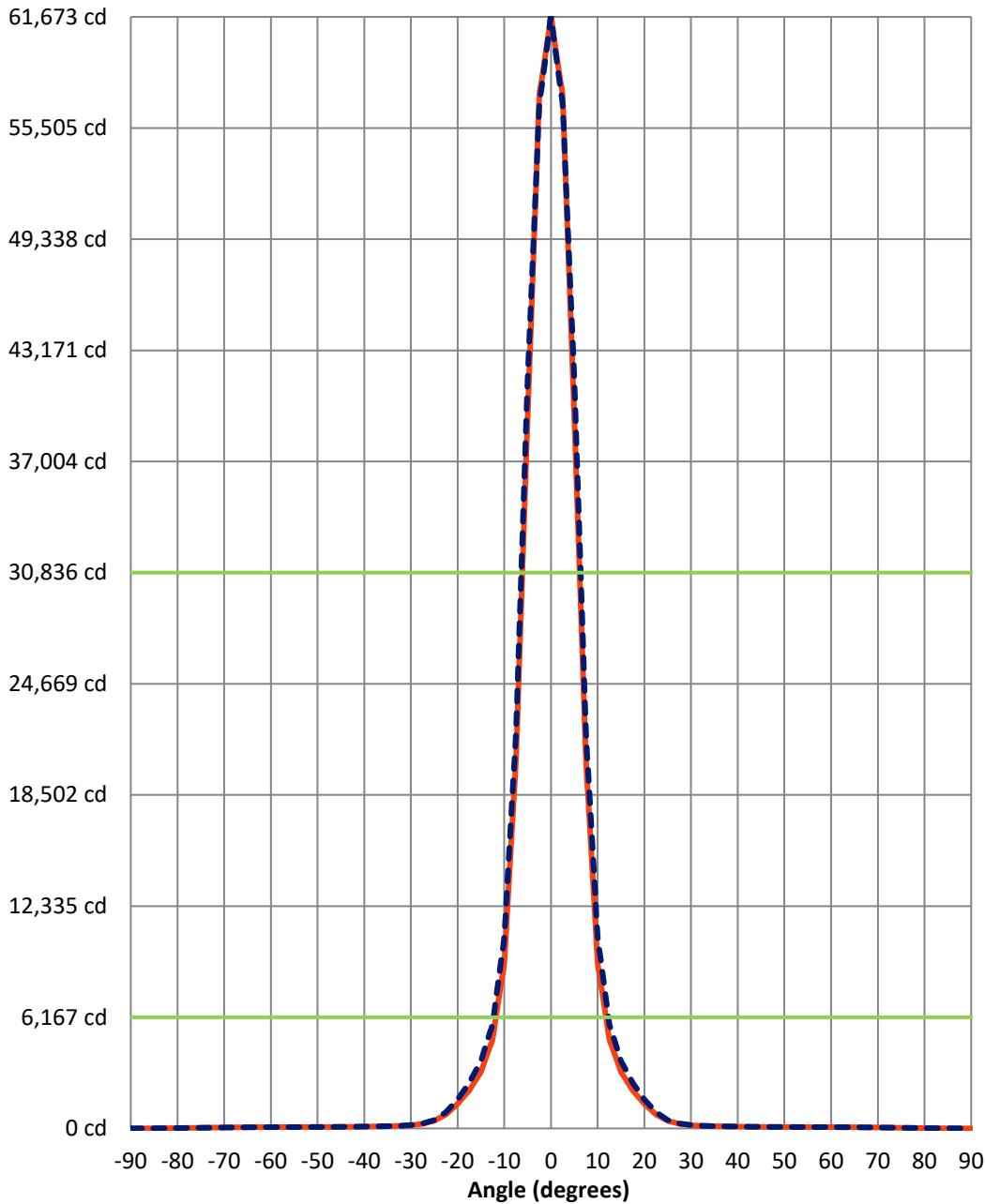
### Luminous Intensity Polar Plot



— 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: 1412.6  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 3129.4  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 1341.1  
 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.3	0.6	0.8	1.1	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.4	0.9	1.3	1.6	1.9	2.2	2.6	3.0	3.6	4.1
80°	0.0	0.6	1.1	1.7	2.1	2.6	3.0	3.7	4.5	5.3	6.0
77.5°	0.0	0.7	1.4	2.1	2.7	3.3	4.1	5.0	6.0	6.9	8.0
75°	0.0	0.9	1.7	2.5	3.2	4.2	5.2	6.3	7.4	8.8	10.0
72.5°	0.0	1.0	2.0	2.9	3.9	5.1	6.2	7.6	9.2	10.7	12.1
70°	0.0	1.1	2.3	3.3	4.6	6.0	7.3	9.1	10.9	12.6	14.9
67.5°	0.0	1.3	2.5	3.8	5.3	6.8	8.6	10.6	12.6	15.1	17.8
65°	0.0	1.4	2.8	4.3	6.0	7.8	9.9	12.1	14.7	17.6	20.6
62.5°	0.0	1.5	3.0	4.8	6.7	8.8	11.1	13.8	16.8	20.1	23.7
60°	0.0	1.6	3.3	5.3	7.3	9.8	12.4	15.5	18.9	22.7	26.6
57.5°	0.0	1.8	3.6	5.8	8.1	10.8	13.8	17.2	21.1	25.3	29.6
55°	0.0	1.9	3.9	6.3	8.8	11.7	15.2	18.9	23.4	27.9	32.5
52.5°	0.0	2.0	4.2	6.7	9.6	12.7	16.6	20.8	25.6	30.5	35.4
50°	0.0	2.1	4.5	7.2	10.3	13.8	18.0	22.7	27.7	33.0	38.3
47.5°	0.0	2.2	4.8	7.6	10.9	14.9	19.3	24.5	29.9	35.4	41.0
45°	0.0	2.3	5.0	8.1	11.6	15.9	20.8	26.2	31.9	37.8	43.7
42.5°	0.0	2.4	5.3	8.5	12.2	16.9	22.2	27.9	33.9	40.2	46.1
40°	0.0	2.5	5.5	9.0	12.9	17.9	23.5	29.6	35.9	42.4	48.2
37.5°	0.0	2.6	5.8	9.4	13.6	18.8	24.8	31.2	37.8	44.5	50.3
35°	0.0	2.7	6.0	9.7	14.3	19.7	26.0	32.7	39.5	46.2	52.2
32.5°	0.0	2.8	6.2	10.1	14.9	20.7	27.1	34.1	41.2	47.8	53.8
30°	0.0	2.9	6.4	10.4	15.5	21.5	28.2	35.4	42.7	49.3	55.2
27.5°	0.0	2.9	6.5	10.7	16.1	22.3	29.2	36.6	44.0	50.7	56.6
25°	0.0	3.0	6.7	11.0	16.6	23.0	30.2	37.7	45.2	51.9	57.8
22.5°	0.0	3.0	6.9	11.2	17.0	23.7	31.1	38.8	46.2	52.9	58.8
20°	0.0	3.1	7.0	11.4	17.5	24.3	31.8	39.7	47.1	53.8	59.7
17.5°	0.0	3.1	7.1	11.6	17.8	24.8	32.5	40.5	47.9	54.6	60.4
15°	0.0	3.2	7.2	11.7	18.2	25.3	33.2	41.1	48.6	55.3	61.1
12.5°	0.0	3.2	7.3	11.8	18.4	25.7	33.7	41.7	49.2	55.8	61.7
10°	0.0	3.2	7.4	11.9	18.7	26.0	34.1	42.2	49.6	56.3	62.1
7.5°	0.0	3.3	7.4	12.0	18.9	26.3	34.5	42.5	49.9	56.6	62.4
5°	0.0	3.3	7.5	12.0	19.0	26.5	34.7	42.7	50.1	56.8	62.7
2.5°	0.0	3.3	7.5	12.0	19.1	26.6	34.9	42.8	50.2	56.9	62.7
0°	0.0	3.3	7.5	12.0	19.1	26.6	34.9	42.8	50.2	56.9	62.7
-2.5°	0.0	3.3	7.5	12.0	19.1	26.6	34.9	42.8	50.2	56.9	62.7
-5°	0.0	3.3	7.5	12.0	19.0	26.5	34.7	42.7	50.1	56.8	62.7
-7.5°	0.0	3.3	7.4	12.0	18.9	26.3	34.5	42.5	49.9	56.6	62.4
-10°	0.0	3.2	7.4	11.9	18.7	26.0	34.1	42.2	49.6	56.3	62.1
-12.5°	0.0	3.2	7.3	11.8	18.4	25.7	33.7	41.7	49.2	55.8	61.7
-15°	0.0	3.2	7.2	11.7	18.2	25.3	33.2	41.1	48.6	55.3	61.1
-17.5°	0.0	3.1	7.1	11.6	17.8	24.8	32.5	40.5	47.9	54.6	60.4
-20°	0.0	3.1	7.0	11.4	17.5	24.3	31.8	39.7	47.1	53.8	59.7



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 CATALOG NUMBER: GFLD-SA1C-935-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	3.0	6.9	11.2	17.0	23.7	31.1	38.8	46.2	52.9	58.8
-25°	0.0	3.0	6.7	11.0	16.6	23.0	30.2	37.7	45.2	51.9	57.8
-27.5°	0.0	2.9	6.5	10.7	16.1	22.3	29.2	36.6	44.0	50.7	56.6
-30°	0.0	2.9	6.4	10.4	15.5	21.5	28.2	35.4	42.7	49.3	55.2
-32.5°	0.0	2.8	6.2	10.1	14.9	20.7	27.1	34.1	41.2	47.8	53.8
-35°	0.0	2.7	6.0	9.7	14.3	19.7	26.0	32.7	39.5	46.2	52.2
-37.5°	0.0	2.6	5.8	9.4	13.6	18.8	24.8	31.2	37.8	44.5	50.3
-40°	0.0	2.5	5.5	9.0	12.9	17.9	23.5	29.6	35.9	42.4	48.2
-42.5°	0.0	2.4	5.3	8.5	12.2	16.9	22.2	27.9	33.9	40.2	46.1
-45°	0.0	2.3	5.0	8.1	11.6	15.9	20.8	26.2	31.9	37.8	43.7
-47.5°	0.0	2.2	4.8	7.6	10.9	14.9	19.3	24.5	29.9	35.4	41.0
-50°	0.0	2.1	4.5	7.2	10.3	13.8	18.0	22.7	27.7	33.0	38.3
-52.5°	0.0	2.0	4.2	6.7	9.6	12.7	16.6	20.8	25.6	30.5	35.4
-55°	0.0	1.9	3.9	6.3	8.8	11.7	15.2	18.9	23.4	27.9	32.5
-57.5°	0.0	1.8	3.6	5.8	8.1	10.8	13.8	17.2	21.1	25.3	29.6
-60°	0.0	1.6	3.3	5.3	7.3	9.8	12.4	15.5	18.9	22.7	26.6
-62.5°	0.0	1.5	3.0	4.8	6.7	8.8	11.1	13.8	16.8	20.1	23.7
-65°	0.0	1.4	2.8	4.3	6.0	7.8	9.9	12.1	14.7	17.6	20.6
-67.5°	0.0	1.3	2.5	3.8	5.3	6.8	8.6	10.6	12.6	15.1	17.8
-70°	0.0	1.1	2.3	3.3	4.6	6.0	7.3	9.1	10.9	12.6	14.9
-72.5°	0.0	1.0	2.0	2.9	3.9	5.1	6.2	7.6	9.2	10.7	12.1
-75°	0.0	0.9	1.7	2.5	3.2	4.2	5.2	6.3	7.4	8.8	10.0
-77.5°	0.0	0.7	1.4	2.1	2.7	3.3	4.1	5.0	6.0	6.9	8.0
-80°	0.0	0.6	1.1	1.7	2.1	2.6	3.0	3.7	4.5	5.3	6.0
-82.5°	0.0	0.4	0.9	1.3	1.6	1.9	2.2	2.6	3.0	3.6	4.1
-85°	0.0	0.3	0.6	0.8	1.1	1.3	1.5	1.7	2.0	2.2	2.4
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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 CATALOG NUMBER: GFLD-SA1C-935-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°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3
85°	2.7	2.9	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.8	5.0
82.5°	4.6	5.0	5.3	5.6	5.9	6.1	6.5	7.0	7.6	8.2	8.8
80°	6.6	7.1	7.7	8.4	9.2	10.0	10.7	11.4	12.1	13.0	13.8
77.5°	8.9	9.8	10.8	12.0	13.0	14.3	15.5	16.8	18.0	19.0	19.8
75°	11.2	12.5	14.2	15.9	17.6	19.2	20.8	22.5	23.8	25.1	26.4
72.5°	14.0	16.0	18.1	20.0	22.2	24.2	26.1	27.9	29.7	31.5	33.2
70°	17.2	19.6	22.1	24.6	27.0	29.3	31.5	33.8	36.0	38.0	39.8
67.5°	20.5	23.3	26.2	29.0	31.7	34.3	36.9	39.5	42.0	44.1	46.0
65°	23.9	27.0	30.2	33.3	36.2	39.2	42.2	45.1	47.4	49.3	51.2
62.5°	27.2	30.8	34.2	37.6	40.9	44.2	47.0	49.6	52.0	54.1	56.1
60°	30.6	34.4	38.2	41.9	45.4	48.4	51.3	53.9	56.3	58.6	60.3
57.5°	33.9	38.1	42.1	45.9	49.3	52.4	55.2	57.9	60.0	61.8	63.7
55°	37.1	41.6	45.8	49.6	53.0	56.0	58.8	61.0	63.1	64.9	66.7
52.5°	40.4	45.0	49.2	53.0	56.2	59.2	61.7	63.9	65.9	67.7	69.2
50°	43.5	48.1	52.4	56.0	59.2	62.0	64.3	66.5	68.4	70.0	71.4
47.5°	46.3	51.1	55.1	58.7	61.8	64.5	66.8	68.8	70.7	72.1	73.4
45°	48.9	53.6	57.7	61.2	64.2	66.7	68.9	71.0	72.5	74.0	75.0
42.5°	51.4	55.9	59.9	63.5	66.2	68.6	70.8	72.6	74.3	75.5	76.6
40°	53.5	58.1	62.0	65.3	68.0	70.3	72.4	74.2	75.8	77.0	78.2
37.5°	55.5	60.0	63.9	67.0	69.5	71.8	73.8	75.5	77.1	78.4	80.0
35°	57.4	61.7	65.4	68.4	70.8	73.1	75.0	76.8	78.3	80.1	82.0
32.5°	59.0	63.4	66.8	69.5	71.9	74.2	76.1	77.9	79.7	81.7	84.0
30°	60.4	64.6	68.0	70.5	72.9	75.1	77.2	79.1	81.1	83.5	86.5
27.5°	61.6	65.7	68.8	71.4	73.8	75.9	78.1	80.2	82.5	85.3	89.2
25°	62.8	66.8	69.6	72.2	74.5	76.6	78.8	81.1	83.9	87.6	92.6
22.5°	63.8	67.7	70.3	72.9	75.0	77.3	79.5	82.0	85.3	89.8	96.3
20°	64.6	68.3	70.9	73.5	75.5	77.8	80.1	82.9	86.7	92.6	100.2
17.5°	65.3	68.8	71.3	73.8	75.9	78.3	80.7	83.6	87.9	95.2	103.7
15°	65.9	69.2	71.7	74.1	76.3	78.7	81.2	84.5	89.5	97.8	107.0
12.5°	66.4	69.5	72.0	74.3	76.6	78.9	81.6	85.2	91.3	100.2	110.1
10°	66.9	69.7	72.2	74.4	76.8	79.1	82.0	85.7	92.5	101.5	112.0
7.5°	67.1	69.9	72.4	74.4	76.9	79.1	82.2	86.0	93.3	102.3	113.1
5°	67.3	70.1	72.6	74.6	77.0	79.2	82.4	86.1	93.6	102.4	113.5
2.5°	67.4	70.2	72.7	74.7	77.2	79.5	82.8	86.5	93.8	102.9	113.8
0°	67.3	70.2	72.7	74.7	77.2	79.7	83.0	86.8	93.8	103.4	113.8
-2.5°	67.4	70.2	72.7	74.7	77.2	79.5	82.8	86.5	93.8	102.9	113.8
-5°	67.3	70.1	72.6	74.6	77.0	79.2	82.4	86.1	93.6	102.4	113.5
-7.5°	67.1	69.9	72.4	74.4	76.9	79.1	82.2	86.0	93.3	102.3	113.1
-10°	66.9	69.7	72.2	74.4	76.8	79.1	82.0	85.7	92.5	101.5	112.0
-12.5°	66.4	69.5	72.0	74.3	76.6	78.9	81.6	85.2	91.3	100.2	110.1
-15°	65.9	69.2	71.7	74.1	76.3	78.7	81.2	84.5	89.5	97.8	107.0
-17.5°	65.3	68.8	71.3	73.8	75.9	78.3	80.7	83.6	87.9	95.2	103.7
-20°	64.6	68.3	70.9	73.5	75.5	77.8	80.1	82.9	86.7	92.6	100.2



REPORT NUMBER: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	63.8	67.7	70.3	72.9	75.0	77.3	79.5	82.0	85.3	89.8	96.3
-25°	62.8	66.8	69.6	72.2	74.5	76.6	78.8	81.1	83.9	87.6	92.6
-27.5°	61.6	65.7	68.8	71.4	73.8	75.9	78.1	80.2	82.5	85.3	89.2
-30°	60.4	64.6	68.0	70.5	72.9	75.1	77.2	79.1	81.1	83.5	86.5
-32.5°	59.0	63.4	66.8	69.5	71.9	74.2	76.1	77.9	79.7	81.7	84.0
-35°	57.4	61.7	65.4	68.4	70.8	73.1	75.0	76.8	78.3	80.1	82.0
-37.5°	55.5	60.0	63.9	67.0	69.5	71.8	73.8	75.5	77.1	78.4	80.0
-40°	53.5	58.1	62.0	65.3	68.0	70.3	72.4	74.2	75.8	77.0	78.2
-42.5°	51.4	55.9	59.9	63.5	66.2	68.6	70.8	72.6	74.3	75.5	76.6
-45°	48.9	53.6	57.7	61.2	64.2	66.7	68.9	71.0	72.5	74.0	75.0
-47.5°	46.3	51.1	55.1	58.7	61.8	64.5	66.8	68.8	70.7	72.1	73.4
-50°	43.5	48.1	52.4	56.0	59.2	62.0	64.3	66.5	68.4	70.0	71.4
-52.5°	40.4	45.0	49.2	53.0	56.2	59.2	61.7	63.9	65.9	67.7	69.2
-55°	37.1	41.6	45.8	49.6	53.0	56.0	58.8	61.0	63.1	64.9	66.7
-57.5°	33.9	38.1	42.1	45.9	49.3	52.4	55.2	57.9	60.0	61.8	63.7
-60°	30.6	34.4	38.2	41.9	45.4	48.4	51.3	53.9	56.3	58.6	60.3
-62.5°	27.2	30.8	34.2	37.6	40.9	44.2	47.0	49.6	52.0	54.1	56.1
-65°	23.9	27.0	30.2	33.3	36.2	39.2	42.2	45.1	47.4	49.3	51.2
-67.5°	20.5	23.3	26.2	29.0	31.7	34.3	36.9	39.5	42.0	44.1	46.0
-70°	17.2	19.6	22.1	24.6	27.0	29.3	31.5	33.8	36.0	38.0	39.8
-72.5°	14.0	16.0	18.1	20.0	22.2	24.2	26.1	27.9	29.7	31.5	33.2
-75°	11.2	12.5	14.2	15.9	17.6	19.2	20.8	22.5	23.8	25.1	26.4
-77.5°	8.9	9.8	10.8	12.0	13.0	14.3	15.5	16.8	18.0	19.0	19.8
-80°	6.6	7.1	7.7	8.4	9.2	10.0	10.7	11.4	12.1	13.0	13.8
-82.5°	4.6	5.0	5.3	5.6	5.9	6.1	6.5	7.0	7.6	8.2	8.8
-85°	2.7	2.9	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.8	5.0
-87.5°	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	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: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	5.3	5.5	5.7	6.0	6.2	6.4	6.5	6.7	6.8	6.9	7.0
82.5°	9.3	9.8	10.2	10.6	11.0	11.3	11.5	11.7	11.9	12.1	12.3
80°	14.5	15.2	15.9	16.5	17.1	17.6	18.0	18.3	18.5	18.8	19.1
77.5°	20.7	21.7	22.6	23.5	24.3	24.9	25.5	26.0	26.4	26.9	27.3
75°	27.7	28.9	30.0	31.1	32.0	32.8	33.5	34.2	34.7	35.2	35.7
72.5°	34.8	36.3	37.5	38.6	39.6	40.5	41.4	42.3	43.1	43.7	44.1
70°	41.4	42.9	44.3	45.5	46.6	47.8	49.0	50.1	51.2	51.8	52.2
67.5°	47.5	49.0	50.5	52.1	53.4	54.7	55.9	57.0	58.0	58.6	59.1
65°	53.0	54.7	56.3	57.9	59.4	60.4	61.5	62.5	63.5	64.3	64.8
62.5°	58.1	59.8	61.2	62.5	63.7	64.8	65.9	66.8	67.6	68.4	69.1
60°	62.0	63.7	65.1	66.3	67.5	68.5	69.3	70.0	70.6	71.1	71.5
57.5°	65.4	67.0	68.4	69.4	70.4	71.4	72.1	72.6	72.9	73.2	73.4
55°	68.3	69.6	70.7	71.9	72.8	73.7	74.4	74.7	74.9	75.0	75.1
52.5°	70.6	71.9	73.1	74.1	74.9	75.6	76.3	76.5	76.6	76.6	76.6
50°	72.8	74.0	74.9	75.8	76.6	77.3	77.9	78.1	78.2	78.3	78.2
47.5°	74.5	75.5	76.6	77.5	78.3	79.1	79.7	80.0	80.3	80.4	80.4
45°	76.0	77.3	78.4	79.4	80.3	81.3	82.2	82.7	83.3	83.7	83.9
42.5°	77.8	79.0	80.2	81.7	83.1	84.4	85.8	87.0	88.3	89.7	90.6
40°	79.6	80.9	82.8	84.6	86.6	88.4	91.4	94.3	96.6	98.5	100.2
37.5°	81.6	83.6	85.9	88.1	91.4	94.8	98.6	102.3	105.5	108.4	110.7
35°	84.0	86.6	89.4	93.5	97.7	101.9	106.4	111.3	115.4	118.4	120.6
32.5°	86.9	90.2	94.7	99.9	105.0	110.5	115.9	121.4	125.4	129.6	133.9
30°	90.2	94.9	100.7	107.1	113.5	120.0	126.7	134.3	141.5	149.2	160.2
27.5°	94.3	100.1	106.9	114.4	122.1	129.8	141.7	154.7	173.9	189.3	215.4
25°	98.7	105.5	113.6	122.3	131.7	145.5	167.2	192.8	238.2	273.4	326.8
22.5°	103.6	111.6	120.5	130.6	145.7	171.8	208.8	274.6	366.1	456.5	557.0
20°	108.4	117.3	127.1	142.2	168.0	209.3	289.5	431.7	590.5	816.6	1006.4
17.5°	113.0	122.4	134.8	155.3	193.9	277.0	432.4	676.0	1007.7	1372.1	1676.0
15°	117.0	126.7	143.3	175.9	241.0	370.4	605.1	1019.6	1576.9	2075.9	2521.0
12.5°	120.4	131.9	152.6	192.4	281.9	473.4	849.9	1438.5	2119.1	2818.9	3382.2
10°	122.9	137.4	164.9	223.0	346.9	596.0	1054.0	1796.5	2615.9	3466.5	4484.7
7.5°	124.4	141.3	174.3	245.8	404.8	732.6	1310.0	2116.0	3057.0	4218.2	5773.9
5°	125.5	143.9	181.2	262.9	443.6	822.8	1471.6	2358.1	3437.6	5116.6	8318.4
2.5°	126.0	145.1	185.1	272.3	461.3	869.2	1585.3	2496.8	3669.2	5750.3	10081.1
0°	125.8	144.5	185.6	274.4	463.8	904.7	1604.3	2536.4	3747.4	5807.2	10646.1
-2.5°	126.0	145.1	185.1	272.3	461.3	869.2	1585.3	2496.8	3669.2	5750.3	10081.1
-5°	125.5	143.9	181.2	262.9	443.6	822.8	1471.6	2358.1	3437.6	5116.6	8318.4
-7.5°	124.4	141.3	174.3	245.8	404.8	732.6	1310.0	2116.0	3057.0	4218.2	5773.9
-10°	122.9	137.4	164.9	223.0	346.9	596.0	1054.0	1796.5	2615.9	3466.5	4484.7
-12.5°	120.4	131.9	152.6	192.4	281.9	473.4	849.9	1438.5	2119.1	2818.9	3382.2
-15°	117.0	126.7	143.3	175.9	241.0	370.4	605.1	1019.6	1576.9	2075.9	2521.0
-17.5°	113.0	122.4	134.8	155.3	193.9	277.0	432.4	676.0	1007.7	1372.1	1676.0
-20°	108.4	117.3	127.1	142.2	168.0	209.3	289.5	431.7	590.5	816.6	1006.4



REPORT NUMBER: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	103.6	111.6	120.5	130.6	145.7	171.8	208.8	274.6	366.1	456.5	557.0
-25°	98.7	105.5	113.6	122.3	131.7	145.5	167.2	192.8	238.2	273.4	326.8
-27.5°	94.3	100.1	106.9	114.4	122.1	129.8	141.7	154.7	173.9	189.3	215.4
-30°	90.2	94.9	100.7	107.1	113.5	120.0	126.7	134.3	141.5	149.2	160.2
-32.5°	86.9	90.2	94.7	99.9	105.0	110.5	115.9	121.4	125.4	129.6	133.9
-35°	84.0	86.6	89.4	93.5	97.7	101.9	106.4	111.3	115.4	118.4	120.6
-37.5°	81.6	83.6	85.9	88.1	91.4	94.8	98.6	102.3	105.5	108.4	110.7
-40°	79.6	80.9	82.8	84.6	86.6	88.4	91.4	94.3	96.6	98.5	100.2
-42.5°	77.8	79.0	80.2	81.7	83.1	84.4	85.8	87.0	88.3	89.7	90.6
-45°	76.0	77.3	78.4	79.4	80.3	81.3	82.2	82.7	83.3	83.7	83.9
-47.5°	74.5	75.5	76.6	77.5	78.3	79.1	79.7	80.0	80.3	80.4	80.4
-50°	72.8	74.0	74.9	75.8	76.6	77.3	77.9	78.1	78.2	78.3	78.2
-52.5°	70.6	71.9	73.1	74.1	74.9	75.6	76.3	76.5	76.6	76.6	76.6
-55°	68.3	69.6	70.7	71.9	72.8	73.7	74.4	74.7	74.9	75.0	75.1
-57.5°	65.4	67.0	68.4	69.4	70.4	71.4	72.1	72.6	72.9	73.2	73.4
-60°	62.0	63.7	65.1	66.3	67.5	68.5	69.3	70.0	70.6	71.1	71.5
-62.5°	58.1	59.8	61.2	62.5	63.7	64.8	65.9	66.8	67.6	68.4	69.1
-65°	53.0	54.7	56.3	57.9	59.4	60.4	61.5	62.5	63.5	64.3	64.8
-67.5°	47.5	49.0	50.5	52.1	53.4	54.7	55.9	57.0	58.0	58.6	59.1
-70°	41.4	42.9	44.3	45.5	46.6	47.8	49.0	50.1	51.2	51.8	52.2
-72.5°	34.8	36.3	37.5	38.6	39.6	40.5	41.4	42.3	43.1	43.7	44.1
-75°	27.7	28.9	30.0	31.1	32.0	32.8	33.5	34.2	34.7	35.2	35.7
-77.5°	20.7	21.7	22.6	23.5	24.3	24.9	25.5	26.0	26.4	26.9	27.3
-80°	14.5	15.2	15.9	16.5	17.1	17.6	18.0	18.3	18.5	18.8	19.1
-82.5°	9.3	9.8	10.2	10.6	11.0	11.3	11.5	11.7	11.9	12.1	12.3
-85°	5.3	5.5	5.7	6.0	6.2	6.4	6.5	6.7	6.8	6.9	7.0
-87.5°	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	7.0	6.9	6.8	6.7
82.5°	12.4	12.4	12.5	12.5	12.5	12.4	12.4	12.3	12.1	11.9	11.7
80°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.1	18.8	18.5	18.3
77.5°	27.7	28.0	28.2	28.2	28.2	28.0	27.7	27.3	26.9	26.4	26.0
75°	36.1	36.3	36.5	36.5	36.5	36.3	36.1	35.7	35.2	34.7	34.2
72.5°	44.4	44.6	45.0	45.3	45.0	44.6	44.4	44.1	43.7	43.1	42.3
70°	52.4	52.5	52.8	53.1	52.8	52.5	52.4	52.2	51.8	51.2	50.1
67.5°	59.4	59.6	59.6	59.4	59.6	59.6	59.4	59.1	58.6	58.0	57.0
65°	65.3	65.7	65.8	65.6	65.8	65.7	65.3	64.8	64.3	63.5	62.5
62.5°	69.7	70.3	70.5	70.6	70.5	70.3	69.7	69.1	68.4	67.6	66.8
60°	71.8	72.1	72.2	72.2	72.2	72.1	71.8	71.5	71.1	70.6	70.0
57.5°	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.4	73.2	72.9	72.6
55°	75.1	75.1	74.9	74.7	74.9	75.1	75.1	75.1	75.0	74.9	74.7
52.5°	76.5	76.4	76.2	76.0	76.2	76.4	76.5	76.6	76.6	76.6	76.5
50°	78.0	77.7	77.6	77.6	77.6	77.7	78.0	78.2	78.3	78.2	78.1
47.5°	80.3	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.4	80.3	80.0
45°	84.0	83.9	83.8	83.9	83.8	83.9	84.0	83.9	83.7	83.3	82.7
42.5°	91.1	91.2	91.1	91.3	91.1	91.2	91.1	90.6	89.7	88.3	87.0
40°	100.9	100.9	100.6	100.5	100.6	100.9	100.9	100.2	98.5	96.6	94.3
37.5°	111.6	111.7	111.3	111.3	111.3	111.7	111.6	110.7	108.4	105.5	102.3
35°	121.7	122.1	122.0	121.6	122.0	122.1	121.7	120.6	118.4	115.4	111.3
32.5°	136.9	139.2	140.5	139.9	140.5	139.2	136.9	133.9	129.6	125.4	121.4
30°	167.2	173.2	176.3	177.7	176.3	173.2	167.2	160.2	149.2	141.5	134.3
27.5°	234.1	247.3	253.2	255.3	253.2	247.3	234.1	215.4	189.3	173.9	154.7
25°	373.4	403.2	417.9	422.7	417.9	403.2	373.4	326.8	273.4	238.2	192.8
22.5°	667.7	725.1	764.4	773.1	764.4	725.1	667.7	557.0	456.5	366.1	274.6
20°	1197.2	1308.2	1368.4	1363.0	1368.4	1308.2	1197.2	1006.4	816.6	590.5	431.7
17.5°	1934.4	2076.8	2144.5	2112.9	2144.5	2076.8	1934.4	1676.0	1372.1	1007.7	676.0
15°	2835.8	3028.1	3112.0	3138.0	3112.0	3028.1	2835.8	2521.0	2075.9	1576.9	1019.6
12.5°	3944.4	4575.0	4876.5	4957.3	4876.5	4575.0	3944.4	3382.2	2818.9	2119.1	1438.5
10°	5526.2	7645.7	8906.3	9214.2	8906.3	7645.7	5526.2	4484.7	3466.5	2615.9	1796.5
7.5°	9024.7	13331.7	18156.4	20441.1	18156.4	13331.7	9024.7	5773.9	4218.2	3057.0	2116.0
5°	13762.7	23886.3	35057.0	39436.2	35057.0	23886.3	13762.7	8318.4	5116.6	3437.6	2358.1
2.5°	19522.5	36066.4	51501.7	57255.6	51501.7	36066.4	19522.5	10081.1	5750.3	3669.2	2496.8
0°	21955.9	41580.6	56743.7	61672.5	56743.7	41580.6	21955.9	10646.1	5807.2	3747.4	2536.4
-2.5°	19522.5	36066.4	51501.7	57255.6	51501.7	36066.4	19522.5	10081.1	5750.3	3669.2	2496.8
-5°	13762.7	23886.3	35057.0	39436.2	35057.0	23886.3	13762.7	8318.4	5116.6	3437.6	2358.1
-7.5°	9024.7	13331.7	18156.4	20441.1	18156.4	13331.7	9024.7	5773.9	4218.2	3057.0	2116.0
-10°	5526.2	7645.7	8906.3	9214.2	8906.3	7645.7	5526.2	4484.7	3466.5	2615.9	1796.5
-12.5°	3944.4	4575.0	4876.5	4957.3	4876.5	4575.0	3944.4	3382.2	2818.9	2119.1	1438.5
-15°	2835.8	3028.1	3112.0	3138.0	3112.0	3028.1	2835.8	2521.0	2075.9	1576.9	1019.6
-17.5°	1934.4	2076.8	2144.5	2112.9	2144.5	2076.8	1934.4	1676.0	1372.1	1007.7	676.0
-20°	1197.2	1308.2	1368.4	1363.0	1368.4	1308.2	1197.2	1006.4	816.6	590.5	431.7



REPORT NUMBER: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	667.7	725.1	764.4	773.1	764.4	725.1	667.7	557.0	456.5	366.1	274.6
-25°	373.4	403.2	417.9	422.7	417.9	403.2	373.4	326.8	273.4	238.2	192.8
-27.5°	234.1	247.3	253.2	255.3	253.2	247.3	234.1	215.4	189.3	173.9	154.7
-30°	167.2	173.2	176.3	177.7	176.3	173.2	167.2	160.2	149.2	141.5	134.3
-32.5°	136.9	139.2	140.5	139.9	140.5	139.2	136.9	133.9	129.6	125.4	121.4
-35°	121.7	122.1	122.0	121.6	122.0	122.1	121.7	120.6	118.4	115.4	111.3
-37.5°	111.6	111.7	111.3	111.3	111.3	111.7	111.6	110.7	108.4	105.5	102.3
-40°	100.9	100.9	100.6	100.5	100.6	100.9	100.9	100.2	98.5	96.6	94.3
-42.5°	91.1	91.2	91.1	91.3	91.1	91.2	91.1	90.6	89.7	88.3	87.0
-45°	84.0	83.9	83.8	83.9	83.8	83.9	84.0	83.9	83.7	83.3	82.7
-47.5°	80.3	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.4	80.3	80.0
-50°	78.0	77.7	77.6	77.6	77.6	77.7	78.0	78.2	78.3	78.2	78.1
-52.5°	76.5	76.4	76.2	76.0	76.2	76.4	76.5	76.6	76.6	76.6	76.5
-55°	75.1	75.1	74.9	74.7	74.9	75.1	75.1	75.1	75.0	74.9	74.7
-57.5°	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.4	73.2	72.9	72.6
-60°	71.8	72.1	72.2	72.2	72.2	72.1	71.8	71.5	71.1	70.6	70.0
-62.5°	69.7	70.3	70.5	70.6	70.5	70.3	69.7	69.1	68.4	67.6	66.8
-65°	65.3	65.7	65.8	65.6	65.8	65.7	65.3	64.8	64.3	63.5	62.5
-67.5°	59.4	59.6	59.6	59.4	59.6	59.6	59.4	59.1	58.6	58.0	57.0
-70°	52.4	52.5	52.8	53.1	52.8	52.5	52.4	52.2	51.8	51.2	50.1
-72.5°	44.4	44.6	45.0	45.3	45.0	44.6	44.4	44.1	43.7	43.1	42.3
-75°	36.1	36.3	36.5	36.5	36.5	36.3	36.1	35.7	35.2	34.7	34.2
-77.5°	27.7	28.0	28.2	28.2	28.2	28.0	27.7	27.3	26.9	26.4	26.0
-80°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.1	18.8	18.5	18.3
-82.5°	12.4	12.4	12.5	12.5	12.5	12.4	12.4	12.3	12.1	11.9	11.7
-85°	7.0	7.1	7.1	7.1	7.1	7.1	7.0	7.0	6.9	6.8	6.7
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3	2.2	2.1	2.1
85°	6.5	6.4	6.2	6.0	5.7	5.5	5.3	5.0	4.8	4.5	4.3
82.5°	11.5	11.3	11.0	10.6	10.2	9.8	9.3	8.8	8.2	7.6	7.0
80°	18.0	17.6	17.1	16.5	15.9	15.2	14.5	13.8	13.0	12.1	11.4
77.5°	25.5	24.9	24.3	23.5	22.6	21.7	20.7	19.8	19.0	18.0	16.8
75°	33.5	32.8	32.0	31.1	30.0	28.9	27.7	26.4	25.1	23.8	22.5
72.5°	41.4	40.5	39.6	38.6	37.5	36.3	34.8	33.2	31.5	29.7	27.9
70°	49.0	47.8	46.6	45.5	44.3	42.9	41.4	39.8	38.0	36.0	33.8
67.5°	55.9	54.7	53.4	52.1	50.5	49.0	47.5	46.0	44.1	42.0	39.5
65°	61.5	60.4	59.4	57.9	56.3	54.7	53.0	51.2	49.3	47.4	45.1
62.5°	65.9	64.8	63.7	62.5	61.2	59.8	58.1	56.1	54.1	52.0	49.6
60°	69.3	68.5	67.5	66.3	65.1	63.7	62.0	60.3	58.6	56.3	53.9
57.5°	72.1	71.4	70.4	69.4	68.4	67.0	65.4	63.7	61.8	60.0	57.9
55°	74.4	73.7	72.8	71.9	70.7	69.6	68.3	66.7	64.9	63.1	61.0
52.5°	76.3	75.6	74.9	74.1	73.1	71.9	70.6	69.2	67.7	65.9	63.9
50°	77.9	77.3	76.6	75.8	74.9	74.0	72.8	71.4	70.0	68.4	66.5
47.5°	79.7	79.1	78.3	77.5	76.6	75.5	74.5	73.4	72.1	70.7	68.8
45°	82.2	81.3	80.3	79.4	78.4	77.3	76.0	75.0	74.0	72.5	71.0
42.5°	85.8	84.4	83.1	81.7	80.2	79.0	77.8	76.6	75.5	74.3	72.6
40°	91.4	88.4	86.6	84.6	82.8	80.9	79.6	78.2	77.0	75.8	74.2
37.5°	98.6	94.8	91.4	88.1	85.9	83.6	81.6	80.0	78.4	77.1	75.5
35°	106.4	101.9	97.7	93.5	89.4	86.6	84.0	82.0	80.1	78.3	76.8
32.5°	115.9	110.5	105.0	99.9	94.7	90.2	86.9	84.0	81.7	79.7	77.9
30°	126.7	120.0	113.5	107.1	100.7	94.9	90.2	86.5	83.5	81.1	79.1
27.5°	141.7	129.8	122.1	114.4	106.9	100.1	94.3	89.2	85.3	82.5	80.2
25°	167.2	145.5	131.7	122.3	113.6	105.5	98.7	92.6	87.6	83.9	81.1
22.5°	208.8	171.8	145.7	130.6	120.5	111.6	103.6	96.3	89.8	85.3	82.0
20°	289.5	209.3	168.0	142.2	127.1	117.3	108.4	100.2	92.6	86.7	82.9
17.5°	432.4	277.0	193.9	155.3	134.8	122.4	113.0	103.7	95.2	87.9	83.6
15°	605.1	370.4	241.0	175.9	143.3	126.7	117.0	107.0	97.8	89.5	84.5
12.5°	849.9	473.4	281.9	192.4	152.6	131.9	120.4	110.1	100.2	91.3	85.2
10°	1054.0	596.0	346.9	223.0	164.9	137.4	122.9	112.0	101.5	92.5	85.7
7.5°	1310.0	732.6	404.8	245.8	174.3	141.3	124.4	113.1	102.3	93.3	86.0
5°	1471.6	822.8	443.6	262.9	181.2	143.9	125.5	113.5	102.4	93.6	86.1
2.5°	1585.3	869.2	461.3	272.3	185.1	145.1	126.0	113.8	102.9	93.8	86.5
0°	1604.3	904.7	463.8	274.4	185.6	144.5	125.8	113.8	103.4	93.8	86.8
-2.5°	1585.3	869.2	461.3	272.3	185.1	145.1	126.0	113.8	102.9	93.8	86.5
-5°	1471.6	822.8	443.6	262.9	181.2	143.9	125.5	113.5	102.4	93.6	86.1
-7.5°	1310.0	732.6	404.8	245.8	174.3	141.3	124.4	113.1	102.3	93.3	86.0
-10°	1054.0	596.0	346.9	223.0	164.9	137.4	122.9	112.0	101.5	92.5	85.7
-12.5°	849.9	473.4	281.9	192.4	152.6	131.9	120.4	110.1	100.2	91.3	85.2
-15°	605.1	370.4	241.0	175.9	143.3	126.7	117.0	107.0	97.8	89.5	84.5
-17.5°	432.4	277.0	193.9	155.3	134.8	122.4	113.0	103.7	95.2	87.9	83.6
-20°	289.5	209.3	168.0	142.2	127.1	117.3	108.4	100.2	92.6	86.7	82.9



REPORT NUMBER: P558544 (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°	208.8	171.8	145.7	130.6	120.5	111.6	103.6	96.3	89.8	85.3	82.0
-25°	167.2	145.5	131.7	122.3	113.6	105.5	98.7	92.6	87.6	83.9	81.1
-27.5°	141.7	129.8	122.1	114.4	106.9	100.1	94.3	89.2	85.3	82.5	80.2
-30°	126.7	120.0	113.5	107.1	100.7	94.9	90.2	86.5	83.5	81.1	79.1
-32.5°	115.9	110.5	105.0	99.9	94.7	90.2	86.9	84.0	81.7	79.7	77.9
-35°	106.4	101.9	97.7	93.5	89.4	86.6	84.0	82.0	80.1	78.3	76.8
-37.5°	98.6	94.8	91.4	88.1	85.9	83.6	81.6	80.0	78.4	77.1	75.5
-40°	91.4	88.4	86.6	84.6	82.8	80.9	79.6	78.2	77.0	75.8	74.2
-42.5°	85.8	84.4	83.1	81.7	80.2	79.0	77.8	76.6	75.5	74.3	72.6
-45°	82.2	81.3	80.3	79.4	78.4	77.3	76.0	75.0	74.0	72.5	71.0
-47.5°	79.7	79.1	78.3	77.5	76.6	75.5	74.5	73.4	72.1	70.7	68.8
-50°	77.9	77.3	76.6	75.8	74.9	74.0	72.8	71.4	70.0	68.4	66.5
-52.5°	76.3	75.6	74.9	74.1	73.1	71.9	70.6	69.2	67.7	65.9	63.9
-55°	74.4	73.7	72.8	71.9	70.7	69.6	68.3	66.7	64.9	63.1	61.0
-57.5°	72.1	71.4	70.4	69.4	68.4	67.0	65.4	63.7	61.8	60.0	57.9
-60°	69.3	68.5	67.5	66.3	65.1	63.7	62.0	60.3	58.6	56.3	53.9
-62.5°	65.9	64.8	63.7	62.5	61.2	59.8	58.1	56.1	54.1	52.0	49.6
-65°	61.5	60.4	59.4	57.9	56.3	54.7	53.0	51.2	49.3	47.4	45.1
-67.5°	55.9	54.7	53.4	52.1	50.5	49.0	47.5	46.0	44.1	42.0	39.5
-70°	49.0	47.8	46.6	45.5	44.3	42.9	41.4	39.8	38.0	36.0	33.8
-72.5°	41.4	40.5	39.6	38.6	37.5	36.3	34.8	33.2	31.5	29.7	27.9
-75°	33.5	32.8	32.0	31.1	30.0	28.9	27.7	26.4	25.1	23.8	22.5
-77.5°	25.5	24.9	24.3	23.5	22.6	21.7	20.7	19.8	19.0	18.0	16.8
-80°	18.0	17.6	17.1	16.5	15.9	15.2	14.5	13.8	13.0	12.1	11.4
-82.5°	11.5	11.3	11.0	10.6	10.2	9.8	9.3	8.8	8.2	7.6	7.0
-85°	6.5	6.4	6.2	6.0	5.7	5.5	5.3	5.0	4.8	4.5	4.3
-87.5°	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.3	2.2	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: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9
85°	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.7
82.5°	6.5	6.1	5.9	5.6	5.3	5.0	4.6	4.1	3.6	3.0	2.6
80°	10.7	10.0	9.2	8.4	7.7	7.1	6.6	6.0	5.3	4.5	3.7
77.5°	15.5	14.3	13.0	12.0	10.8	9.8	8.9	8.0	6.9	6.0	5.0
75°	20.8	19.2	17.6	15.9	14.2	12.5	11.2	10.0	8.8	7.4	6.3
72.5°	26.1	24.2	22.2	20.0	18.1	16.0	14.0	12.1	10.7	9.2	7.6
70°	31.5	29.3	27.0	24.6	22.1	19.6	17.2	14.9	12.6	10.9	9.1
67.5°	36.9	34.3	31.7	29.0	26.2	23.3	20.5	17.8	15.1	12.6	10.6
65°	42.2	39.2	36.2	33.3	30.2	27.0	23.9	20.6	17.6	14.7	12.1
62.5°	47.0	44.2	40.9	37.6	34.2	30.8	27.2	23.7	20.1	16.8	13.8
60°	51.3	48.4	45.4	41.9	38.2	34.4	30.6	26.6	22.7	18.9	15.5
57.5°	55.2	52.4	49.3	45.9	42.1	38.1	33.9	29.6	25.3	21.1	17.2
55°	58.8	56.0	53.0	49.6	45.8	41.6	37.1	32.5	27.9	23.4	18.9
52.5°	61.7	59.2	56.2	53.0	49.2	45.0	40.4	35.4	30.5	25.6	20.8
50°	64.3	62.0	59.2	56.0	52.4	48.1	43.5	38.3	33.0	27.7	22.7
47.5°	66.8	64.5	61.8	58.7	55.1	51.1	46.3	41.0	35.4	29.9	24.5
45°	68.9	66.7	64.2	61.2	57.7	53.6	48.9	43.7	37.8	31.9	26.2
42.5°	70.8	68.6	66.2	63.5	59.9	55.9	51.4	46.1	40.2	33.9	27.9
40°	72.4	70.3	68.0	65.3	62.0	58.1	53.5	48.2	42.4	35.9	29.6
37.5°	73.8	71.8	69.5	67.0	63.9	60.0	55.5	50.3	44.5	37.8	31.2
35°	75.0	73.1	70.8	68.4	65.4	61.7	57.4	52.2	46.2	39.5	32.7
32.5°	76.1	74.2	71.9	69.5	66.8	63.4	59.0	53.8	47.8	41.2	34.1
30°	77.2	75.1	72.9	70.5	68.0	64.6	60.4	55.2	49.3	42.7	35.4
27.5°	78.1	75.9	73.8	71.4	68.8	65.7	61.6	56.6	50.7	44.0	36.6
25°	78.8	76.6	74.5	72.2	69.6	66.8	62.8	57.8	51.9	45.2	37.7
22.5°	79.5	77.3	75.0	72.9	70.3	67.7	63.8	58.8	52.9	46.2	38.8
20°	80.1	77.8	75.5	73.5	70.9	68.3	64.6	59.7	53.8	47.1	39.7
17.5°	80.7	78.3	75.9	73.8	71.3	68.8	65.3	60.4	54.6	47.9	40.5
15°	81.2	78.7	76.3	74.1	71.7	69.2	65.9	61.1	55.3	48.6	41.1
12.5°	81.6	78.9	76.6	74.3	72.0	69.5	66.4	61.7	55.8	49.2	41.7
10°	82.0	79.1	76.8	74.4	72.2	69.7	66.9	62.1	56.3	49.6	42.2
7.5°	82.2	79.1	76.9	74.4	72.4	69.9	67.1	62.4	56.6	49.9	42.5
5°	82.4	79.2	77.0	74.6	72.6	70.1	67.3	62.7	56.8	50.1	42.7
2.5°	82.8	79.5	77.2	74.7	72.7	70.2	67.4	62.7	56.9	50.2	42.8
0°	83.0	79.7	77.2	74.7	72.7	70.2	67.3	62.7	56.9	50.2	42.8
-2.5°	82.8	79.5	77.2	74.7	72.7	70.2	67.4	62.7	56.9	50.2	42.8
-5°	82.4	79.2	77.0	74.6	72.6	70.1	67.3	62.7	56.8	50.1	42.7
-7.5°	82.2	79.1	76.9	74.4	72.4	69.9	67.1	62.4	56.6	49.9	42.5
-10°	82.0	79.1	76.8	74.4	72.2	69.7	66.9	62.1	56.3	49.6	42.2
-12.5°	81.6	78.9	76.6	74.3	72.0	69.5	66.4	61.7	55.8	49.2	41.7
-15°	81.2	78.7	76.3	74.1	71.7	69.2	65.9	61.1	55.3	48.6	41.1
-17.5°	80.7	78.3	75.9	73.8	71.3	68.8	65.3	60.4	54.6	47.9	40.5
-20°	80.1	77.8	75.5	73.5	70.9	68.3	64.6	59.7	53.8	47.1	39.7



REPORT NUMBER: P558544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1C-935-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°	79.5	77.3	75.0	72.9	70.3	67.7	63.8	58.8	52.9	46.2	38.8
-25°	78.8	76.6	74.5	72.2	69.6	66.8	62.8	57.8	51.9	45.2	37.7
-27.5°	78.1	75.9	73.8	71.4	68.8	65.7	61.6	56.6	50.7	44.0	36.6
-30°	77.2	75.1	72.9	70.5	68.0	64.6	60.4	55.2	49.3	42.7	35.4
-32.5°	76.1	74.2	71.9	69.5	66.8	63.4	59.0	53.8	47.8	41.2	34.1
-35°	75.0	73.1	70.8	68.4	65.4	61.7	57.4	52.2	46.2	39.5	32.7
-37.5°	73.8	71.8	69.5	67.0	63.9	60.0	55.5	50.3	44.5	37.8	31.2
-40°	72.4	70.3	68.0	65.3	62.0	58.1	53.5	48.2	42.4	35.9	29.6
-42.5°	70.8	68.6	66.2	63.5	59.9	55.9	51.4	46.1	40.2	33.9	27.9
-45°	68.9	66.7	64.2	61.2	57.7	53.6	48.9	43.7	37.8	31.9	26.2
-47.5°	66.8	64.5	61.8	58.7	55.1	51.1	46.3	41.0	35.4	29.9	24.5
-50°	64.3	62.0	59.2	56.0	52.4	48.1	43.5	38.3	33.0	27.7	22.7
-52.5°	61.7	59.2	56.2	53.0	49.2	45.0	40.4	35.4	30.5	25.6	20.8
-55°	58.8	56.0	53.0	49.6	45.8	41.6	37.1	32.5	27.9	23.4	18.9
-57.5°	55.2	52.4	49.3	45.9	42.1	38.1	33.9	29.6	25.3	21.1	17.2
-60°	51.3	48.4	45.4	41.9	38.2	34.4	30.6	26.6	22.7	18.9	15.5
-62.5°	47.0	44.2	40.9	37.6	34.2	30.8	27.2	23.7	20.1	16.8	13.8
-65°	42.2	39.2	36.2	33.3	30.2	27.0	23.9	20.6	17.6	14.7	12.1
-67.5°	36.9	34.3	31.7	29.0	26.2	23.3	20.5	17.8	15.1	12.6	10.6
-70°	31.5	29.3	27.0	24.6	22.1	19.6	17.2	14.9	12.6	10.9	9.1
-72.5°	26.1	24.2	22.2	20.0	18.1	16.0	14.0	12.1	10.7	9.2	7.6
-75°	20.8	19.2	17.6	15.9	14.2	12.5	11.2	10.0	8.8	7.4	6.3
-77.5°	15.5	14.3	13.0	12.0	10.8	9.8	8.9	8.0	6.9	6.0	5.0
-80°	10.7	10.0	9.2	8.4	7.7	7.1	6.6	6.0	5.3	4.5	3.7
-82.5°	6.5	6.1	5.9	5.6	5.3	5.0	4.6	4.1	3.6	3.0	2.6
-85°	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.7
-87.5°	2.0	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	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



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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	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.1	0.8	0.6	0.3	0.0
82.5°	2.2	1.9	1.6	1.3	0.9	0.4	0.0
80°	3.0	2.6	2.1	1.7	1.1	0.6	0.0
77.5°	4.1	3.3	2.7	2.1	1.4	0.7	0.0
75°	5.2	4.2	3.2	2.5	1.7	0.9	0.0
72.5°	6.2	5.1	3.9	2.9	2.0	1.0	0.0
70°	7.3	6.0	4.6	3.3	2.3	1.1	0.0
67.5°	8.6	6.8	5.3	3.8	2.5	1.3	0.0
65°	9.9	7.8	6.0	4.3	2.8	1.4	0.0
62.5°	11.1	8.8	6.7	4.8	3.0	1.5	0.0
60°	12.4	9.8	7.3	5.3	3.3	1.6	0.0
57.5°	13.8	10.8	8.1	5.8	3.6	1.8	0.0
55°	15.2	11.7	8.8	6.3	3.9	1.9	0.0
52.5°	16.6	12.7	9.6	6.7	4.2	2.0	0.0
50°	18.0	13.8	10.3	7.2	4.5	2.1	0.0
47.5°	19.3	14.9	10.9	7.6	4.8	2.2	0.0
45°	20.8	15.9	11.6	8.1	5.0	2.3	0.0
42.5°	22.2	16.9	12.2	8.5	5.3	2.4	0.0
40°	23.5	17.9	12.9	9.0	5.5	2.5	0.0
37.5°	24.8	18.8	13.6	9.4	5.8	2.6	0.0
35°	26.0	19.7	14.3	9.7	6.0	2.7	0.0
32.5°	27.1	20.7	14.9	10.1	6.2	2.8	0.0
30°	28.2	21.5	15.5	10.4	6.4	2.9	0.0
27.5°	29.2	22.3	16.1	10.7	6.5	2.9	0.0
25°	30.2	23.0	16.6	11.0	6.7	3.0	0.0
22.5°	31.1	23.7	17.0	11.2	6.9	3.0	0.0
20°	31.8	24.3	17.5	11.4	7.0	3.1	0.0
17.5°	32.5	24.8	17.8	11.6	7.1	3.1	0.0
15°	33.2	25.3	18.2	11.7	7.2	3.2	0.0
12.5°	33.7	25.7	18.4	11.8	7.3	3.2	0.0
10°	34.1	26.0	18.7	11.9	7.4	3.2	0.0
7.5°	34.5	26.3	18.9	12.0	7.4	3.3	0.0
5°	34.7	26.5	19.0	12.0	7.5	3.3	0.0
2.5°	34.9	26.6	19.1	12.0	7.5	3.3	0.0
0°	34.9	26.6	19.1	12.0	7.5	3.3	0.0
-2.5°	34.9	26.6	19.1	12.0	7.5	3.3	0.0
-5°	34.7	26.5	19.0	12.0	7.5	3.3	0.0
-7.5°	34.5	26.3	18.9	12.0	7.4	3.3	0.0
-10°	34.1	26.0	18.7	11.9	7.4	3.2	0.0
-12.5°	33.7	25.7	18.4	11.8	7.3	3.2	0.0
-15°	33.2	25.3	18.2	11.7	7.2	3.2	0.0
-17.5°	32.5	24.8	17.8	11.6	7.1	3.1	0.0
-20°	31.8	24.3	17.5	11.4	7.0	3.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.1	23.7	17.0	11.2	6.9	3.0	0.0
-25°	30.2	23.0	16.6	11.0	6.7	3.0	0.0
-27.5°	29.2	22.3	16.1	10.7	6.5	2.9	0.0
-30°	28.2	21.5	15.5	10.4	6.4	2.9	0.0
-32.5°	27.1	20.7	14.9	10.1	6.2	2.8	0.0
-35°	26.0	19.7	14.3	9.7	6.0	2.7	0.0
-37.5°	24.8	18.8	13.6	9.4	5.8	2.6	0.0
-40°	23.5	17.9	12.9	9.0	5.5	2.5	0.0
-42.5°	22.2	16.9	12.2	8.5	5.3	2.4	0.0
-45°	20.8	15.9	11.6	8.1	5.0	2.3	0.0
-47.5°	19.3	14.9	10.9	7.6	4.8	2.2	0.0
-50°	18.0	13.8	10.3	7.2	4.5	2.1	0.0
-52.5°	16.6	12.7	9.6	6.7	4.2	2.0	0.0
-55°	15.2	11.7	8.8	6.3	3.9	1.9	0.0
-57.5°	13.8	10.8	8.1	5.8	3.6	1.8	0.0
-60°	12.4	9.8	7.3	5.3	3.3	1.6	0.0
-62.5°	11.1	8.8	6.7	4.8	3.0	1.5	0.0
-65°	9.9	7.8	6.0	4.3	2.8	1.4	0.0
-67.5°	8.6	6.8	5.3	3.8	2.5	1.3	0.0
-70°	7.3	6.0	4.6	3.3	2.3	1.1	0.0
-72.5°	6.2	5.1	3.9	2.9	2.0	1.0	0.0
-75°	5.2	4.2	3.2	2.5	1.7	0.9	0.0
-77.5°	4.1	3.3	2.7	2.1	1.4	0.7	0.0
-80°	3.0	2.6	2.1	1.7	1.1	0.6	0.0
-82.5°	2.2	1.9	1.6	1.3	0.9	0.4	0.0
-85°	1.5	1.3	1.1	0.8	0.6	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)