

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: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558640 (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-SA2B-935-U-TS-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

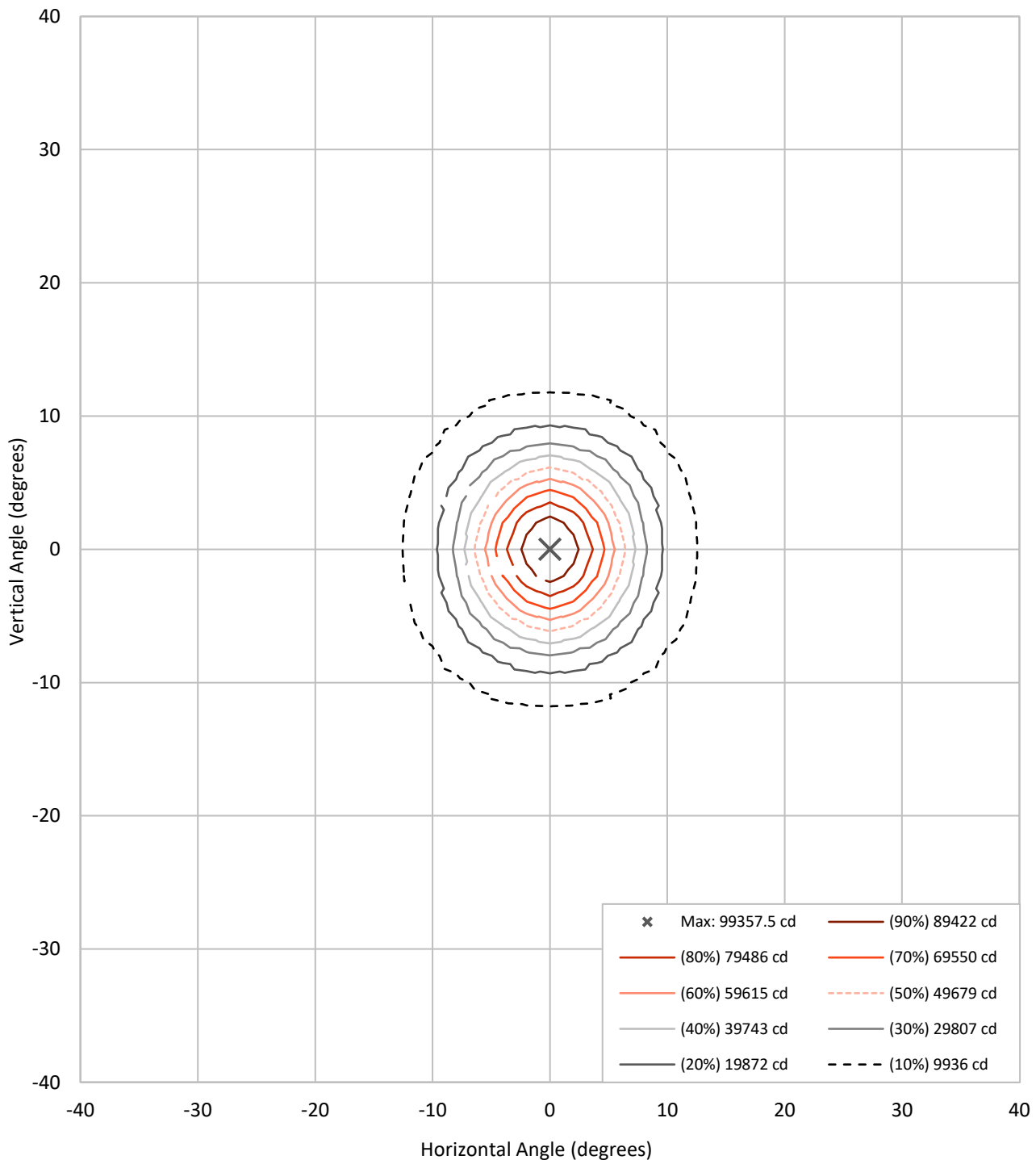
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	7202.1 lumens	Max Intensity:	99357.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2275.7 lumens	Field Lumens:	5041.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 63  
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





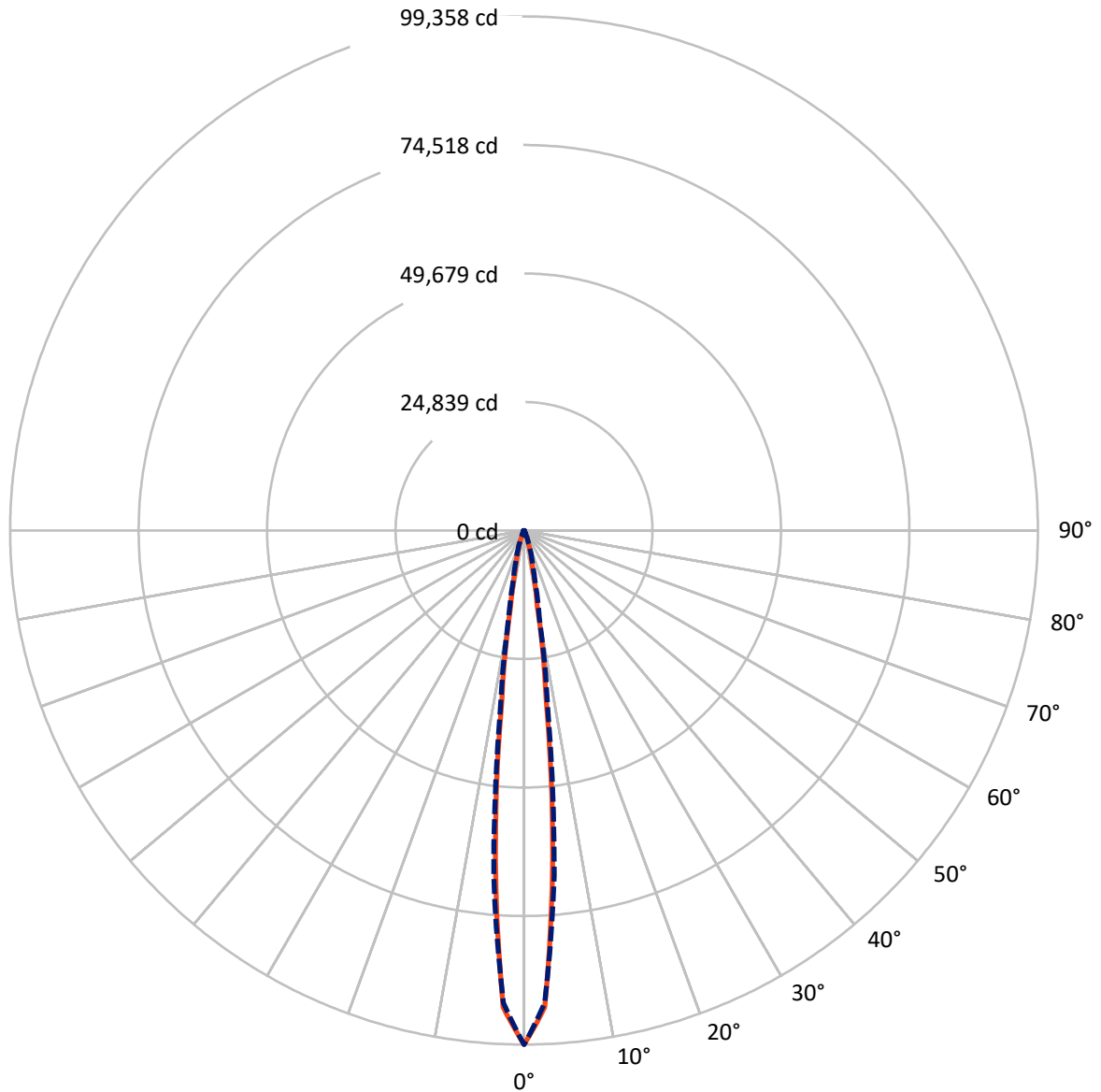
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### Lumen Table

90	0.1	0.8	2.3	3.7	4.3	3.7	2.3	0.8	0.1						
80	0.1	0.8	2.3	3.7	4.3	3.7	2.3	0.8	0.1						
70	0.4	0.4	0.9	1.5	2.1	2.6	3.0	3.1	3.1	3.0	2.6	2.1	1.5	0.9	0.4
60		0.7	1.4	2.1	2.7	3.2	3.5	3.7	3.7	3.5	3.2	2.7	2.1	1.4	0.7
50	0.7	0.9	1.7	2.4	3.1	3.6	4.0	4.2	4.2	4.0	3.6	3.1	2.4	1.7	0.9
40		1.1	1.9	2.7	3.4	4.4	5.5	6.2	6.2	5.5	4.4	3.4	2.7	1.9	1.1
30	0.9	1.2	2.0	2.8	4.0	6.2	13.8	25.1	25.1	13.8	6.2	4.0	2.8	2.0	1.2
20		1.3	2.1	3.0	4.7	13.4	75.5	166.1	166.1	75.5	13.4	4.7	3.0	2.1	1.3
10	1.0	1.3	2.1	3.1	5.3	25.7	181.3	1172.8	1172.8	181.3	25.7	5.3	3.1	2.1	1.3
0		1.3	2.1	3.1	5.3	25.7	181.3	1172.8	1172.8	181.3	25.7	5.3	3.1	2.1	1.3
-10	0.9	1.3	2.1	3.0	4.7	13.4	75.5	166.1	166.1	75.5	13.4	4.7	3.0	2.1	1.3
-20		1.2	2.0	2.8	4.0	6.2	13.8	25.1	25.1	13.8	6.2	4.0	2.8	2.0	1.2
-30	0.7	1.1	1.9	2.7	3.4	4.4	5.5	6.2	6.2	5.5	4.4	3.4	2.7	1.9	1.1
-40		0.9	1.7	2.4	3.1	3.6	4.0	4.2	4.2	4.0	3.6	3.1	2.4	1.7	0.9
-50	0.4	0.7	1.4	2.1	2.7	3.2	3.5	3.7	3.7	3.5	3.2	2.7	2.1	1.4	0.7
-60		0.4	0.9	1.5	2.1	2.6	3.0	3.1	3.1	3.0	2.6	2.1	1.5	0.9	0.4
-70	0.1	0.8	2.3	3.7	4.3	3.7	2.3	0.8	0.1						
-80		0.1	0.8	2.3	3.7	4.3	3.7	2.3	0.8	0.1					
-90	0.1	0.8	2.3	3.7	4.3	3.7	2.3	0.8	0.1						

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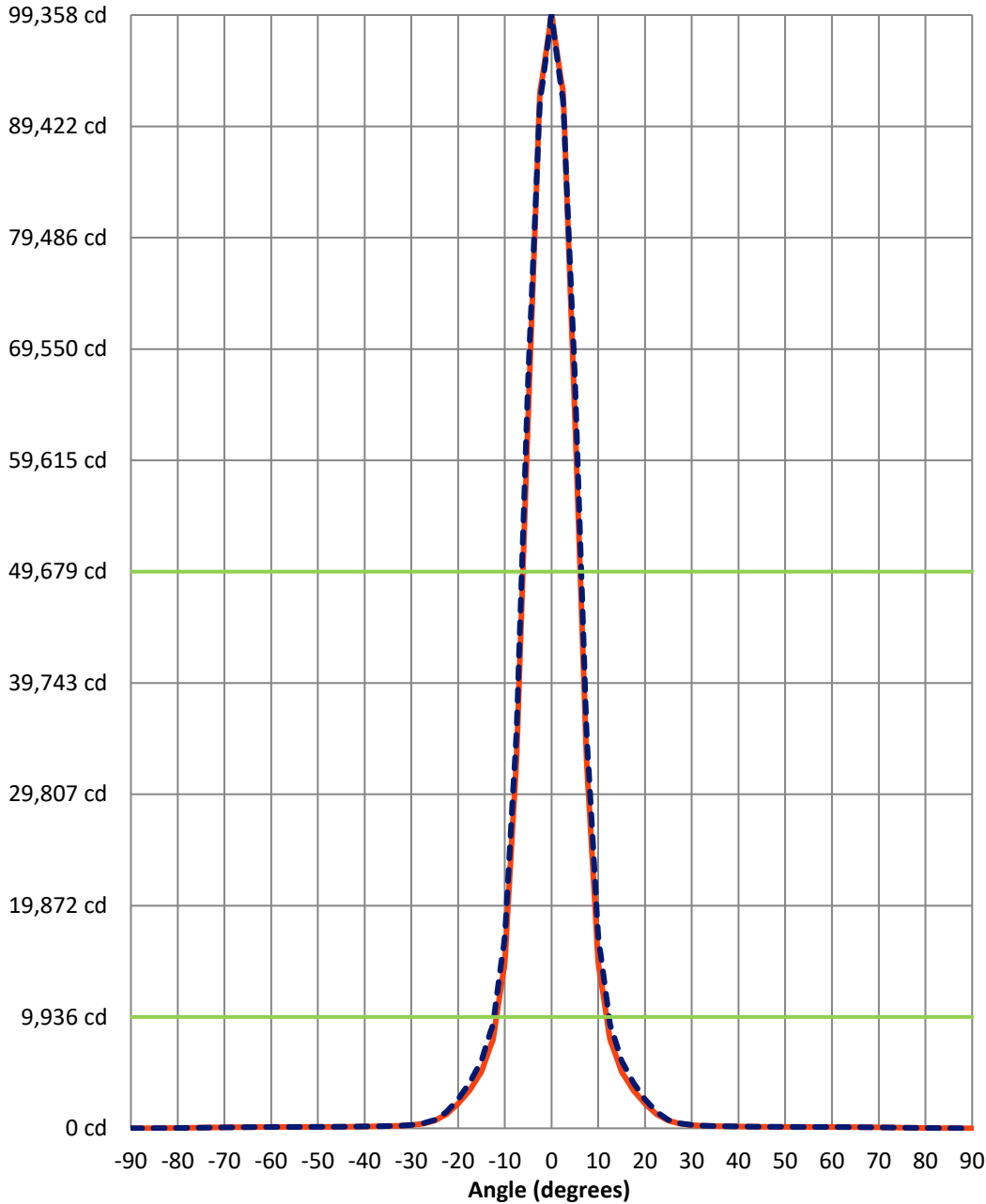
### Luminous Intensity Polar Plot



— 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: 2275.7  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 5041.6  
Efficiency: 70.0%

**Spill:**  
Lumens: 2160.6  
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	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
85°	0.0	0.5	0.9	1.4	1.8	2.1	2.4	2.8	3.2	3.6	4.0
82.5°	0.0	0.7	1.4	2.0	2.6	3.2	3.6	4.2	4.9	5.7	6.6
80°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	6.0	7.2	8.4	9.7
77.5°	0.0	1.2	2.3	3.4	4.4	5.4	6.6	8.1	9.6	11.1	12.8
75°	0.0	1.4	2.8	4.1	5.3	6.8	8.3	10.1	11.9	14.1	16.1
72.5°	0.0	1.6	3.2	4.7	6.4	8.2	10.0	12.2	14.7	17.1	19.5
70°	0.0	1.8	3.7	5.4	7.5	9.6	11.7	14.6	17.5	20.2	23.9
67.5°	0.0	2.1	4.1	6.2	8.6	10.9	13.8	17.0	20.2	24.3	28.6
65°	0.0	2.3	4.6	7.0	9.7	12.5	15.9	19.4	23.7	28.4	33.3
62.5°	0.0	2.5	5.0	7.8	10.7	14.1	17.9	22.2	27.1	32.4	38.1
60°	0.0	2.7	5.4	8.6	11.7	15.7	19.9	25.0	30.4	36.7	42.9
57.5°	0.0	2.9	5.9	9.3	13.0	17.3	22.2	27.8	34.1	40.8	47.7
55°	0.0	3.1	6.4	10.1	14.2	18.9	24.5	30.5	37.7	44.9	52.5
52.5°	0.0	3.3	6.8	10.8	15.4	20.4	26.8	33.6	41.2	49.1	57.1
50°	0.0	3.5	7.3	11.5	16.5	22.2	29.0	36.6	44.6	53.2	61.7
47.5°	0.0	3.6	7.7	12.2	17.6	24.0	31.1	39.5	48.1	57.1	66.2
45°	0.0	3.8	8.1	12.9	18.6	25.7	33.5	42.2	51.5	61.0	70.5
42.5°	0.0	4.0	8.5	13.7	19.6	27.3	35.8	44.9	54.7	64.7	74.2
40°	0.0	4.1	8.9	14.4	20.7	28.8	37.9	47.6	57.8	68.4	77.7
37.5°	0.0	4.3	9.3	15.0	21.9	30.3	39.9	50.2	60.8	71.6	81.0
35°	0.0	4.4	9.6	15.6	23.0	31.8	41.8	52.6	63.7	74.4	84.0
32.5°	0.0	4.6	9.9	16.2	24.0	33.3	43.6	54.9	66.3	77.0	86.6
30°	0.0	4.7	10.2	16.7	25.0	34.7	45.4	57.0	68.8	79.4	88.9
27.5°	0.0	4.8	10.5	17.2	25.9	36.0	47.1	59.0	71.0	81.6	91.2
25°	0.0	4.9	10.8	17.6	26.7	37.1	48.6	60.8	72.8	83.5	93.2
22.5°	0.0	5.0	11.0	18.0	27.5	38.2	50.0	62.4	74.4	85.1	94.7
20°	0.0	5.1	11.2	18.3	28.1	39.1	51.3	63.9	75.9	86.6	96.1
17.5°	0.0	5.1	11.4	18.6	28.7	40.0	52.4	65.2	77.1	87.9	97.4
15°	0.0	5.2	11.5	18.9	29.3	40.7	53.4	66.3	78.2	89.0	98.5
12.5°	0.0	5.3	11.7	19.1	29.7	41.4	54.3	67.2	79.2	89.9	99.4
10°	0.0	5.3	11.8	19.2	30.1	41.9	55.0	67.9	79.9	90.6	100.1
7.5°	0.0	5.4	11.9	19.3	30.4	42.3	55.5	68.4	80.4	91.2	100.6
5°	0.0	5.4	11.9	19.4	30.6	42.6	55.9	68.8	80.8	91.5	100.9
2.5°	0.0	5.4	12.0	19.4	30.8	42.7	56.1	68.9	80.9	91.6	101.1
0°	0.0	5.4	12.0	19.4	30.8	42.8	56.2	68.9	80.9	91.6	101.0
-2.5°	0.0	5.4	12.0	19.4	30.8	42.7	56.1	68.9	80.9	91.6	101.1
-5°	0.0	5.4	11.9	19.4	30.6	42.6	55.9	68.8	80.8	91.5	100.9
-7.5°	0.0	5.4	11.9	19.3	30.4	42.3	55.5	68.4	80.4	91.2	100.6
-10°	0.0	5.3	11.8	19.2	30.1	41.9	55.0	67.9	79.9	90.6	100.1
-12.5°	0.0	5.3	11.7	19.1	29.7	41.4	54.3	67.2	79.2	89.9	99.4
-15°	0.0	5.2	11.5	18.9	29.3	40.7	53.4	66.3	78.2	89.0	98.5
-17.5°	0.0	5.1	11.4	18.6	28.7	40.0	52.4	65.2	77.1	87.9	97.4
-20°	0.0	5.1	11.2	18.3	28.1	39.1	51.3	63.9	75.9	86.6	96.1



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 CATALOG NUMBER: GFLD-SA2B-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	5.0	11.0	18.0	27.5	38.2	50.0	62.4	74.4	85.1	94.7
-25°	0.0	4.9	10.8	17.6	26.7	37.1	48.6	60.8	72.8	83.5	93.2
-27.5°	0.0	4.8	10.5	17.2	25.9	36.0	47.1	59.0	71.0	81.6	91.2
-30°	0.0	4.7	10.2	16.7	25.0	34.7	45.4	57.0	68.8	79.4	88.9
-32.5°	0.0	4.6	9.9	16.2	24.0	33.3	43.6	54.9	66.3	77.0	86.6
-35°	0.0	4.4	9.6	15.6	23.0	31.8	41.8	52.6	63.7	74.4	84.0
-37.5°	0.0	4.3	9.3	15.0	21.9	30.3	39.9	50.2	60.8	71.6	81.0
-40°	0.0	4.1	8.9	14.4	20.7	28.8	37.9	47.6	57.8	68.4	77.7
-42.5°	0.0	4.0	8.5	13.7	19.6	27.3	35.8	44.9	54.7	64.7	74.2
-45°	0.0	3.8	8.1	12.9	18.6	25.7	33.5	42.2	51.5	61.0	70.5
-47.5°	0.0	3.6	7.7	12.2	17.6	24.0	31.1	39.5	48.1	57.1	66.2
-50°	0.0	3.5	7.3	11.5	16.5	22.2	29.0	36.6	44.6	53.2	61.7
-52.5°	0.0	3.3	6.8	10.8	15.4	20.4	26.8	33.6	41.2	49.1	57.1
-55°	0.0	3.1	6.4	10.1	14.2	18.9	24.5	30.5	37.7	44.9	52.5
-57.5°	0.0	2.9	5.9	9.3	13.0	17.3	22.2	27.8	34.1	40.8	47.7
-60°	0.0	2.7	5.4	8.6	11.7	15.7	19.9	25.0	30.4	36.7	42.9
-62.5°	0.0	2.5	5.0	7.8	10.7	14.1	17.9	22.2	27.1	32.4	38.1
-65°	0.0	2.3	4.6	7.0	9.7	12.5	15.9	19.4	23.7	28.4	33.3
-67.5°	0.0	2.1	4.1	6.2	8.6	10.9	13.8	17.0	20.2	24.3	28.6
-70°	0.0	1.8	3.7	5.4	7.5	9.6	11.7	14.6	17.5	20.2	23.9
-72.5°	0.0	1.6	3.2	4.7	6.4	8.2	10.0	12.2	14.7	17.1	19.5
-75°	0.0	1.4	2.8	4.1	5.3	6.8	8.3	10.1	11.9	14.1	16.1
-77.5°	0.0	1.2	2.3	3.4	4.4	5.4	6.6	8.1	9.6	11.1	12.8
-80°	0.0	0.9	1.9	2.7	3.5	4.2	4.9	6.0	7.2	8.4	9.7
-82.5°	0.0	0.7	1.4	2.0	2.6	3.2	3.6	4.2	4.9	5.7	6.6
-85°	0.0	0.5	0.9	1.4	1.8	2.1	2.4	2.8	3.2	3.6	4.0
-87.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7
85°	4.3	4.7	5.2	5.6	6.0	6.3	6.6	6.9	7.3	7.7	8.1
82.5°	7.4	8.0	8.6	9.0	9.5	9.9	10.4	11.2	12.2	13.2	14.1
80°	10.6	11.3	12.4	13.6	14.8	16.0	17.2	18.3	19.5	20.8	22.2
77.5°	14.2	15.8	17.4	19.2	20.9	23.0	25.0	27.0	28.9	30.5	32.0
75°	18.1	20.1	22.9	25.7	28.3	30.9	33.6	36.1	38.4	40.5	42.6
72.5°	22.5	25.9	29.2	32.4	35.8	39.1	42.1	45.0	47.9	50.8	53.5
70°	27.8	31.6	35.6	39.7	43.6	47.2	50.8	54.4	58.0	61.2	64.1
67.5°	33.1	37.6	42.2	46.8	51.2	55.3	59.5	63.7	67.6	71.0	74.0
65°	38.5	43.6	48.8	53.7	58.4	63.3	68.0	72.6	76.4	79.5	82.5
62.5°	43.8	49.6	55.2	60.6	65.9	71.2	75.8	79.9	83.8	87.2	90.4
60°	49.3	55.5	61.6	67.5	73.1	78.0	82.7	86.8	90.7	94.4	97.2
57.5°	54.6	61.4	67.9	74.0	79.4	84.4	88.9	93.3	96.7	99.7	102.7
55°	59.9	67.1	73.9	79.9	85.3	90.1	94.7	98.4	101.7	104.6	107.5
52.5°	65.1	72.6	79.3	85.3	90.6	95.4	99.4	103.0	106.2	109.0	111.4
50°	70.1	77.5	84.4	90.1	95.4	99.9	103.7	107.2	110.2	112.8	114.9
47.5°	74.6	82.2	88.7	94.6	99.6	103.9	107.5	110.8	113.8	116.2	118.3
45°	78.7	86.3	92.9	98.5	103.4	107.4	111.0	114.4	116.9	119.2	120.8
42.5°	82.7	90.0	96.5	102.3	106.6	110.5	114.1	117.1	119.7	121.6	123.4
40°	86.1	93.7	99.9	105.2	109.6	113.3	116.6	119.6	122.1	124.1	125.9
37.5°	89.3	96.6	102.9	107.8	112.0	115.6	118.9	121.7	124.2	126.2	128.9
35°	92.4	99.4	105.3	110.1	114.1	117.7	120.9	123.7	126.1	129.0	132.0
32.5°	95.1	102.1	107.5	111.9	115.9	119.6	122.7	125.5	128.4	131.6	135.4
30°	97.3	104.1	109.5	113.6	117.5	121.0	124.3	127.4	130.6	134.5	139.4
27.5°	99.3	105.9	110.8	115.0	119.0	122.2	125.7	129.2	132.9	137.5	143.6
25°	101.2	107.5	112.1	116.3	120.0	123.3	127.0	130.6	135.2	141.2	149.2
22.5°	102.8	109.0	113.2	117.5	120.8	124.4	128.1	132.2	137.4	144.6	155.2
20°	104.0	109.9	114.1	118.4	121.5	125.3	129.1	133.5	139.7	149.2	161.4
17.5°	105.1	110.7	114.9	118.9	122.2	126.1	130.1	134.6	141.7	153.4	167.1
15°	106.1	111.3	115.5	119.3	122.8	126.7	130.9	136.0	144.3	157.5	172.3
12.5°	107.0	111.9	116.0	119.6	123.3	127.2	131.5	137.3	147.1	161.4	177.5
10°	107.7	112.2	116.3	119.8	123.7	127.4	132.0	138.1	149.0	163.6	180.5
7.5°	108.1	112.5	116.6	120.0	123.9	127.5	132.4	138.5	150.3	164.8	182.2
5°	108.4	112.8	116.9	120.2	124.1	127.6	132.7	138.6	150.8	165.0	182.8
2.5°	108.5	112.9	117.0	120.3	124.3	128.1	133.4	139.3	151.2	165.8	183.2
0°	108.4	113.0	117.1	120.4	124.4	128.4	133.8	139.8	151.2	166.6	183.3
-2.5°	108.5	112.9	117.0	120.3	124.3	128.1	133.4	139.3	151.2	165.8	183.2
-5°	108.4	112.8	116.9	120.2	124.1	127.6	132.7	138.6	150.8	165.0	182.8
-7.5°	108.1	112.5	116.6	120.0	123.9	127.5	132.4	138.5	150.3	164.8	182.2
-10°	107.7	112.2	116.3	119.8	123.7	127.4	132.0	138.1	149.0	163.6	180.5
-12.5°	107.0	111.9	116.0	119.6	123.3	127.2	131.5	137.3	147.1	161.4	177.5
-15°	106.1	111.3	115.5	119.3	122.8	126.7	130.9	136.0	144.3	157.5	172.3
-17.5°	105.1	110.7	114.9	118.9	122.2	126.1	130.1	134.6	141.7	153.4	167.1
-20°	104.0	109.9	114.1	118.4	121.5	125.3	129.1	133.5	139.7	149.2	161.4



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	102.8	109.0	113.2	117.5	120.8	124.4	128.1	132.2	137.4	144.6	155.2
-25°	101.2	107.5	112.1	116.3	120.0	123.3	127.0	130.6	135.2	141.2	149.2
-27.5°	99.3	105.9	110.8	115.0	119.0	122.2	125.7	129.2	132.9	137.5	143.6
-30°	97.3	104.1	109.5	113.6	117.5	121.0	124.3	127.4	130.6	134.5	139.4
-32.5°	95.1	102.1	107.5	111.9	115.9	119.6	122.7	125.5	128.4	131.6	135.4
-35°	92.4	99.4	105.3	110.1	114.1	117.7	120.9	123.7	126.1	129.0	132.0
-37.5°	89.3	96.6	102.9	107.8	112.0	115.6	118.9	121.7	124.2	126.2	128.9
-40°	86.1	93.7	99.9	105.2	109.6	113.3	116.6	119.6	122.1	124.1	125.9
-42.5°	82.7	90.0	96.5	102.3	106.6	110.5	114.1	117.1	119.7	121.6	123.4
-45°	78.7	86.3	92.9	98.5	103.4	107.4	111.0	114.4	116.9	119.2	120.8
-47.5°	74.6	82.2	88.7	94.6	99.6	103.9	107.5	110.8	113.8	116.2	118.3
-50°	70.1	77.5	84.4	90.1	95.4	99.9	103.7	107.2	110.2	112.8	114.9
-52.5°	65.1	72.6	79.3	85.3	90.6	95.4	99.4	103.0	106.2	109.0	111.4
-55°	59.9	67.1	73.9	79.9	85.3	90.1	94.7	98.4	101.7	104.6	107.5
-57.5°	54.6	61.4	67.9	74.0	79.4	84.4	88.9	93.3	96.7	99.7	102.7
-60°	49.3	55.5	61.6	67.5	73.1	78.0	82.7	86.8	90.7	94.4	97.2
-62.5°	43.8	49.6	55.2	60.6	65.9	71.2	75.8	79.9	83.8	87.2	90.4
-65°	38.5	43.6	48.8	53.7	58.4	63.3	68.0	72.6	76.4	79.5	82.5
-67.5°	33.1	37.6	42.2	46.8	51.2	55.3	59.5	63.7	67.6	71.0	74.0
-70°	27.8	31.6	35.6	39.7	43.6	47.2	50.8	54.4	58.0	61.2	64.1
-72.5°	22.5	25.9	29.2	32.4	35.8	39.1	42.1	45.0	47.9	50.8	53.5
-75°	18.1	20.1	22.9	25.7	28.3	30.9	33.6	36.1	38.4	40.5	42.6
-77.5°	14.2	15.8	17.4	19.2	20.9	23.0	25.0	27.0	28.9	30.5	32.0
-80°	10.6	11.3	12.4	13.6	14.8	16.0	17.2	18.3	19.5	20.8	22.2
-82.5°	7.4	8.0	8.6	9.0	9.5	9.9	10.4	11.2	12.2	13.2	14.1
-85°	4.3	4.7	5.2	5.6	6.0	6.3	6.6	6.9	7.3	7.7	8.1
-87.5°	2.2	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5	3.6	3.7
-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: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	3.8	3.8	3.8	3.7	3.6	3.7	3.8	3.8	3.9	3.9	3.9
85°	8.5	8.9	9.2	9.6	10.0	10.3	10.5	10.7	10.9	11.0	11.2
82.5°	15.0	15.7	16.4	17.1	17.6	18.1	18.5	18.9	19.2	19.5	19.7
80°	23.4	24.5	25.6	26.6	27.6	28.3	28.9	29.4	29.9	30.3	30.7
77.5°	33.4	35.0	36.5	37.9	39.2	40.2	41.1	41.9	42.5	43.3	44.1
75°	44.7	46.7	48.4	50.1	51.5	52.9	54.0	55.1	56.0	56.9	57.6
72.5°	56.1	58.4	60.4	62.1	63.7	65.2	66.7	68.1	69.4	70.4	71.1
70°	66.7	69.1	71.3	73.3	75.1	77.0	78.9	80.7	82.4	83.4	84.0
67.5°	76.5	79.0	81.4	83.9	86.0	88.0	90.0	91.8	93.4	94.5	95.1
65°	85.4	88.1	90.7	93.2	95.5	97.2	99.0	100.7	102.3	103.5	104.5
62.5°	93.6	96.3	98.6	100.7	102.7	104.4	106.1	107.6	109.0	110.2	111.3
60°	99.9	102.6	104.9	106.8	108.7	110.4	111.7	112.9	113.8	114.5	115.2
57.5°	105.4	107.9	110.2	111.8	113.4	115.1	116.2	116.9	117.5	117.9	118.2
55°	110.0	112.1	114.0	115.8	117.4	118.8	119.8	120.3	120.6	120.7	120.9
52.5°	113.8	115.8	117.7	119.4	120.7	121.9	122.9	123.2	123.3	123.4	123.4
50°	117.2	119.2	120.7	122.1	123.4	124.5	125.3	125.8	126.0	126.1	125.9
47.5°	120.0	121.6	123.3	124.8	126.1	127.4	128.4	128.9	129.4	129.5	129.5
45°	122.4	124.4	126.1	127.9	129.5	131.1	132.4	133.4	134.3	134.9	135.2
42.5°	125.2	127.3	129.3	131.6	133.8	135.9	138.2	140.2	142.3	144.5	146.0
40°	128.2	130.4	133.4	136.3	139.5	142.4	147.2	152.0	155.6	158.7	161.5
37.5°	131.5	134.7	138.3	142.0	147.3	152.8	158.8	164.7	169.9	174.6	178.3
35°	135.4	139.6	144.0	150.7	157.4	164.2	171.4	179.2	185.9	190.8	194.3
32.5°	140.1	145.4	152.6	161.0	169.2	178.0	186.7	195.5	202.1	208.9	215.7
30°	145.3	152.9	162.2	172.5	182.8	193.2	204.2	216.4	227.9	240.4	258.2
27.5°	151.9	161.3	172.2	184.3	196.7	209.2	228.3	249.2	280.2	304.9	347.0
25°	159.0	170.0	182.9	197.0	212.2	234.5	269.4	310.6	383.7	440.4	526.4
22.5°	166.9	179.8	194.1	210.3	234.8	276.8	336.5	442.5	589.9	735.5	897.4
20°	174.7	189.0	204.7	229.1	270.7	337.2	466.5	695.6	951.4	1315.6	1621.4
17.5°	182.1	197.3	217.2	250.3	312.4	446.2	696.7	1089.1	1623.4	2210.6	2700.2
15°	188.6	204.1	230.9	283.3	388.3	596.7	974.9	1642.6	2540.5	3344.4	4061.5
12.5°	194.1	212.4	245.8	310.0	454.2	762.7	1369.3	2317.5	3413.9	4541.4	5448.8
10°	198.1	221.3	265.7	359.3	558.9	960.2	1698.1	2894.2	4214.3	5584.6	7225.0
7.5°	200.4	227.6	280.7	396.0	652.2	1180.1	2110.4	3409.0	4924.9	6795.6	9302.0
5°	202.2	231.9	291.9	423.5	714.6	1325.6	2370.8	3799.1	5538.1	8243.0	13401.3
2.5°	203.0	233.8	298.3	438.7	743.1	1400.3	2554.1	4022.4	5911.3	9264.1	16241.0
0°	202.7	232.8	299.0	442.1	747.1	1457.5	2584.6	4086.2	6037.3	9355.6	17151.4
-2.5°	203.0	233.8	298.3	438.7	743.1	1400.3	2554.1	4022.4	5911.3	9264.1	16241.0
-5°	202.2	231.9	291.9	423.5	714.6	1325.6	2370.8	3799.1	5538.1	8243.0	13401.3
-7.5°	200.4	227.6	280.7	396.0	652.2	1180.1	2110.4	3409.0	4924.9	6795.6	9302.0
-10°	198.1	221.3	265.7	359.3	558.9	960.2	1698.1	2894.2	4214.3	5584.6	7225.0
-12.5°	194.1	212.4	245.8	310.0	454.2	762.7	1369.3	2317.5	3413.9	4541.4	5448.8
-15°	188.6	204.1	230.9	283.3	388.3	596.7	974.9	1642.6	2540.5	3344.4	4061.5
-17.5°	182.1	197.3	217.2	250.3	312.4	446.2	696.7	1089.1	1623.4	2210.6	2700.2
-20°	174.7	189.0	204.7	229.1	270.7	337.2	466.5	695.6	951.4	1315.6	1621.4



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	166.9	179.8	194.1	210.3	234.8	276.8	336.5	442.5	589.9	735.5	897.4
-25°	159.0	170.0	182.9	197.0	212.2	234.5	269.4	310.6	383.7	440.4	526.4
-27.5°	151.9	161.3	172.2	184.3	196.7	209.2	228.3	249.2	280.2	304.9	347.0
-30°	145.3	152.9	162.2	172.5	182.8	193.2	204.2	216.4	227.9	240.4	258.2
-32.5°	140.1	145.4	152.6	161.0	169.2	178.0	186.7	195.5	202.1	208.9	215.7
-35°	135.4	139.6	144.0	150.7	157.4	164.2	171.4	179.2	185.9	190.8	194.3
-37.5°	131.5	134.7	138.3	142.0	147.3	152.8	158.8	164.7	169.9	174.6	178.3
-40°	128.2	130.4	133.4	136.3	139.5	142.4	147.2	152.0	155.6	158.7	161.5
-42.5°	125.2	127.3	129.3	131.6	133.8	135.9	138.2	140.2	142.3	144.5	146.0
-45°	122.4	124.4	126.1	127.9	129.5	131.1	132.4	133.4	134.3	134.9	135.2
-47.5°	120.0	121.6	123.3	124.8	126.1	127.4	128.4	128.9	129.4	129.5	129.5
-50°	117.2	119.2	120.7	122.1	123.4	124.5	125.3	125.8	126.0	126.1	125.9
-52.5°	113.8	115.8	117.7	119.4	120.7	121.9	122.9	123.2	123.3	123.4	123.4
-55°	110.0	112.1	114.0	115.8	117.4	118.8	119.8	120.3	120.6	120.7	120.9
-57.5°	105.4	107.9	110.2	111.8	113.4	115.1	116.2	116.9	117.5	117.9	118.2
-60°	99.9	102.6	104.9	106.8	108.7	110.4	111.7	112.9	113.8	114.5	115.2
-62.5°	93.6	96.3	98.6	100.7	102.7	104.4	106.1	107.6	109.0	110.2	111.3
-65°	85.4	88.1	90.7	93.2	95.5	97.2	99.0	100.7	102.3	103.5	104.5
-67.5°	76.5	79.0	81.4	83.9	86.0	88.0	90.0	91.8	93.4	94.5	95.1
-70°	66.7	69.1	71.3	73.3	75.1	77.0	78.9	80.7	82.4	83.4	84.0
-72.5°	56.1	58.4	60.4	62.1	63.7	65.2	66.7	68.1	69.4	70.4	71.1
-75°	44.7	46.7	48.4	50.1	51.5	52.9	54.0	55.1	56.0	56.9	57.6
-77.5°	33.4	35.0	36.5	37.9	39.2	40.2	41.1	41.9	42.5	43.3	44.1
-80°	23.4	24.5	25.6	26.6	27.6	28.3	28.9	29.4	29.9	30.3	30.7
-82.5°	15.0	15.7	16.4	17.1	17.6	18.1	18.5	18.9	19.2	19.5	19.7
-85°	8.5	8.9	9.2	9.6	10.0	10.3	10.5	10.7	10.9	11.0	11.2
-87.5°	3.8	3.8	3.8	3.7	3.6	3.7	3.8	3.8	3.9	3.9	3.9
-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: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
85°	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.2	11.0	10.9	10.7
82.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.7	19.5	19.2	18.9
80°	31.0	31.2	31.4	31.4	31.4	31.2	31.0	30.7	30.3	29.9	29.4
77.5°	44.7	45.2	45.4	45.4	45.4	45.2	44.7	44.1	43.3	42.5	41.9
75°	58.2	58.6	58.8	58.8	58.8	58.6	58.2	57.6	56.9	56.0	55.1
72.5°	71.6	71.9	72.4	72.4	72.4	71.9	71.6	71.1	70.4	69.4	68.1
70°	84.4	84.5	85.1	85.1	85.1	84.5	84.4	84.0	83.4	82.4	80.7
67.5°	95.6	95.9	95.9	95.6	95.9	95.9	95.6	95.1	94.5	93.4	91.8
65°	105.3	106.0	106.0	105.7	106.0	106.0	105.3	104.5	103.5	102.3	100.7
62.5°	112.3	113.2	113.6	113.7	113.6	113.2	112.3	111.3	110.2	109.0	107.6
60°	115.8	116.2	116.4	116.4	116.4	116.2	115.8	115.2	114.5	113.8	112.9
57.5°	118.4	118.3	118.4	118.4	118.4	118.3	118.4	118.2	117.9	117.5	116.9
55°	121.0	121.0	120.8	120.4	120.8	121.0	121.0	120.9	120.7	120.6	120.3
52.5°	123.3	123.1	122.8	122.4	122.8	123.1	123.3	123.4	123.4	123.3	123.2
50°	125.7	125.2	125.1	125.1	125.1	125.2	125.7	125.9	126.1	126.0	125.8
47.5°	129.4	129.1	129.0	129.1	129.0	129.1	129.4	129.5	129.5	129.4	128.9
45°	135.4	135.1	135.0	135.1	135.0	135.1	135.4	135.2	134.9	134.3	133.4
42.5°	146.9	147.0	146.9	147.2	146.9	147.0	146.9	146.0	144.5	142.3	140.2
40°	162.6	162.5	162.0	161.9	162.0	162.5	162.6	161.5	158.7	155.6	152.0
37.5°	179.8	179.8	179.3	179.3	179.3	179.8	179.8	178.3	174.6	169.9	164.7
35°	196.1	196.7	196.6	196.0	196.6	196.7	196.1	194.3	190.8	185.9	179.2
32.5°	220.5	224.3	226.2	225.4	226.2	224.3	220.5	215.7	208.9	202.1	195.5
30°	269.3	279.0	284.1	286.3	284.1	279.0	269.3	258.2	240.4	227.9	216.4
27.5°	377.1	398.4	407.9	411.4	407.9	398.4	377.1	347.0	304.9	280.2	249.2
25°	601.6	649.7	673.3	680.9	673.3	649.7	601.6	526.4	440.4	383.7	310.6
22.5°	1075.7	1168.2	1231.4	1245.5	1231.4	1168.2	1075.7	897.4	735.5	589.9	442.5
20°	1928.8	2107.6	2204.7	2195.9	2204.7	2107.6	1928.8	1621.4	1315.6	951.4	695.6
17.5°	3116.4	3345.8	3455.0	3403.9	3455.0	3345.8	3116.4	2700.2	2210.6	1623.4	1089.1
15°	4568.5	4878.4	5013.6	5055.4	5013.6	4878.4	4568.5	4061.5	3344.4	2540.5	1642.6
12.5°	6354.7	7370.5	7856.3	7986.4	7856.3	7370.5	6354.7	5448.8	4541.4	3413.9	2317.5
10°	8903.0	12317.5	14348.5	14844.5	14348.5	12317.5	8903.0	7225.0	5584.6	4214.3	2894.2
7.5°	14539.3	21478.0	29250.9	32931.7	29250.9	21478.0	14539.3	9302.0	6795.6	4924.9	3409.0
5°	22172.4	38482.0	56478.6	63533.6	56478.6	38482.0	22172.4	13401.3	8243.0	5538.1	3799.1
2.5°	31451.7	58104.8	82971.8	92241.7	82971.8	58104.8	31451.7	16241.0	9264.1	5911.3	4022.4
0°	35372.1	66988.4	91416.9	99357.5	91416.9	66988.4	35372.1	17151.4	9355.6	6037.3	4086.2
-2.5°	31451.7	58104.8	82971.8	92241.6	82971.8	58104.8	31451.7	16241.0	9264.1	5911.3	4022.4
-5°	22172.4	38482.0	56478.6	63533.6	56478.6	38482.0	22172.4	13401.3	8243.0	5538.1	3799.1
-7.5°	14539.3	21478.0	29250.9	32931.7	29250.9	21478.0	14539.3	9302.0	6795.6	4924.9	3409.0
-10°	8903.0	12317.5	14348.5	14844.5	14348.5	12317.5	8903.0	7225.0	5584.6	4214.3	2894.2
-12.5°	6354.7	7370.5	7856.3	7986.4	7856.3	7370.5	6354.7	5448.8	4541.4	3413.9	2317.5
-15°	4568.5	4878.4	5013.6	5055.4	5013.6	4878.4	4568.5	4061.5	3344.4	2540.5	1642.6
-17.5°	3116.4	3345.8	3455.0	3403.9	3455.0	3345.8	3116.4	2700.2	2210.6	1623.4	1089.1
-20°	1928.8	2107.6	2204.7	2195.9	2204.7	2107.6	1928.8	1621.4	1315.6	951.4	695.6



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	1075.7	1168.2	1231.4	1245.5	1231.4	1168.2	1075.7	897.4	735.5	589.9	442.5
-25°	601.6	649.7	673.3	680.9	673.3	649.7	601.6	526.4	440.4	383.7	310.6
-27.5°	377.1	398.4	407.9	411.4	407.9	398.4	377.1	347.0	304.9	280.2	249.2
-30°	269.3	279.0	284.1	286.3	284.1	279.0	269.3	258.2	240.4	227.9	216.4
-32.5°	220.5	224.3	226.2	225.4	226.2	224.3	220.5	215.7	208.9	202.1	195.5
-35°	196.1	196.7	196.6	196.0	196.6	196.7	196.1	194.3	190.8	185.9	179.2
-37.5°	179.8	179.8	179.3	179.3	179.3	179.8	179.8	178.3	174.6	169.9	164.7
-40°	162.6	162.5	162.0	161.9	162.0	162.5	162.6	161.5	158.7	155.6	152.0
-42.5°	146.9	147.0	146.9	147.2	146.9	147.0	146.9	146.0	144.5	142.3	140.2
-45°	135.4	135.1	135.0	135.1	135.0	135.1	135.4	135.2	134.9	134.3	133.4
-47.5°	129.4	129.1	129.0	129.1	129.0	129.1	129.4	129.5	129.5	129.4	128.9
-50°	125.7	125.2	125.1	125.1	125.1	125.2	125.7	125.9	126.1	126.0	125.8
-52.5°	123.3	123.1	122.8	122.4	122.8	123.1	123.3	123.4	123.4	123.3	123.2
-55°	121.0	121.0	120.8	120.4	120.8	121.0	121.0	120.9	120.7	120.6	120.3
-57.5°	118.4	118.3	118.4	118.4	118.4	118.3	118.4	118.2	117.9	117.5	116.9
-60°	115.8	116.2	116.4	116.4	116.4	116.2	115.8	115.2	114.5	113.8	112.9
-62.5°	112.3	113.2	113.6	113.7	113.6	113.2	112.3	111.3	110.2	109.0	107.6
-65°	105.3	106.0	106.0	105.7	106.0	106.0	105.3	104.5	103.5	102.3	100.7
-67.5°	95.6	95.9	95.9	95.6	95.9	95.9	95.6	95.1	94.5	93.4	91.8
-70°	84.4	84.5	85.1	85.6	85.1	84.5	84.4	84.0	83.4	82.4	80.7
-72.5°	71.6	71.9	72.4	72.9	72.4	71.9	71.6	71.1	70.4	69.4	68.1
-75°	58.2	58.6	58.8	58.9	58.8	58.6	58.2	57.6	56.9	56.0	55.1
-77.5°	44.7	45.2	45.4	45.5	45.4	45.2	44.7	44.1	43.3	42.5	41.9
-80°	31.0	31.2	31.4	31.4	31.4	31.2	31.0	30.7	30.3	29.9	29.4
-82.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.7	19.5	19.2	18.9
-85°	11.3	11.3	11.4	11.4	11.4	11.3	11.3	11.2	11.0	10.9	10.7
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	3.8	3.7	3.6	3.7	3.8	3.8	3.8	3.7	3.6	3.5	3.3
85°	10.5	10.3	10.0	9.6	9.2	8.9	8.5	8.1	7.7	7.3	6.9
82.5°	18.5	18.1	17.6	17.1	16.4	15.7	15.0	14.1	13.2	12.2	11.2
80°	28.9	28.3	27.6	26.6	25.6	24.5	23.4	22.2	20.8	19.5	18.3
77.5°	41.1	40.2	39.2	37.9	36.5	35.0	33.4	32.0	30.5	28.9	27.0
75°	54.0	52.9	51.5	50.1	48.4	46.7	44.7	42.6	40.5	38.4	36.1
72.5°	66.7	65.2	63.7	62.1	60.4	58.4	56.1	53.5	50.8	47.9	45.0
70°	78.9	77.0	75.1	73.3	71.3	69.1	66.7	64.1	61.2	58.0	54.4
67.5°	90.0	88.0	86.0	83.9	81.4	79.0	76.5	74.0	71.0	67.6	63.7
65°	99.0	97.2	95.5	93.2	90.7	88.1	85.4	82.5	79.5	76.4	72.6
62.5°	106.1	104.4	102.7	100.7	98.6	96.3	93.6	90.4	87.2	83.8	79.9
60°	111.7	110.4	108.7	106.8	104.9	102.6	99.9	97.2	94.4	90.7	86.8
57.5°	116.2	115.1	113.4	111.8	110.2	107.9	105.4	102.7	99.7	96.7	93.3
55°	119.8	118.8	117.4	115.8	114.0	112.1	110.0	107.5	104.6	101.7	98.4
52.5°	122.9	121.9	120.7	119.4	117.7	115.8	113.8	111.4	109.0	106.2	103.0
50°	125.3	124.5	123.4	122.1	120.7	119.2	117.2	114.9	112.8	110.2	107.2
47.5°	128.4	127.4	126.1	124.8	123.3	121.6	120.0	118.3	116.2	113.8	110.8
45°	132.4	131.1	129.5	127.9	126.1	124.4	122.4	120.8	119.2	116.9	114.4
42.5°	138.2	135.9	133.8	131.6	129.3	127.3	125.2	123.4	121.6	119.7	117.1
40°	147.2	142.4	139.5	136.3	133.4	130.4	128.2	125.9	124.1	122.1	119.6
37.5°	158.8	152.8	147.3	142.0	138.3	134.7	131.5	128.9	126.2	124.2	121.7
35°	171.4	164.2	157.4	150.7	144.0	139.6	135.4	132.0	129.0	126.1	123.7
32.5°	186.7	178.0	169.2	161.0	152.6	145.4	140.1	135.4	131.6	128.4	125.5
30°	204.2	193.2	182.8	172.5	162.2	152.9	145.3	139.4	134.5	130.6	127.4
27.5°	228.3	209.2	196.7	184.3	172.2	161.3	151.9	143.6	137.5	132.9	129.2
25°	269.4	234.5	212.2	197.0	182.9	170.0	159.0	149.2	141.2	135.2	130.6
22.5°	336.5	276.8	234.8	210.3	194.1	179.8	166.9	155.2	144.6	137.4	132.2
20°	466.5	337.2	270.7	229.1	204.7	189.0	174.7	161.4	149.2	139.7	133.5
17.5°	696.7	446.2	312.4	250.3	217.2	197.3	182.1	167.1	153.4	141.7	134.6
15°	974.9	596.7	388.3	283.3	230.9	204.1	188.6	172.3	157.5	144.3	136.0
12.5°	1369.3	762.7	454.2	310.0	245.8	212.4	194.1	177.5	161.4	147.1	137.3
10°	1698.1	960.2	558.9	359.3	265.7	221.3	198.1	180.5	163.6	149.0	138.1
7.5°	2110.4	1180.1	652.2	396.0	280.7	227.6	200.4	182.2	164.8	150.3	138.5
5°	2370.8	1325.6	714.6	423.5	291.9	231.9	202.2	182.8	165.0	150.8	138.6
2.5°	2554.1	1400.3	743.1	438.7	298.3	233.8	203.0	183.2	165.8	151.2	139.3
0°	2584.6	1457.5	747.1	442.1	299.0	232.8	202.7	183.3	166.6	151.2	139.8
-2.5°	2554.1	1400.3	743.1	438.7	298.3	233.8	203.0	183.2	165.8	151.2	139.3
-5°	2370.8	1325.6	714.6	423.5	291.9	231.9	202.2	182.8	165.0	150.8	138.6
-7.5°	2110.4	1180.1	652.2	396.0	280.7	227.6	200.4	182.2	164.8	150.3	138.5
-10°	1698.1	960.2	558.9	359.3	265.7	221.3	198.1	180.5	163.6	149.0	138.1
-12.5°	1369.3	762.7	454.2	310.0	245.8	212.4	194.1	177.5	161.4	147.1	137.3
-15°	974.9	596.7	388.3	283.3	230.9	204.1	188.6	172.3	157.5	144.3	136.0
-17.5°	696.7	446.2	312.4	250.3	217.2	197.3	182.1	167.1	153.4	141.7	134.6
-20°	466.5	337.2	270.7	229.1	204.7	189.0	174.7	161.4	149.2	139.7	133.5



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	336.5	276.8	234.8	210.3	194.1	179.8	166.9	155.2	144.6	137.4	132.2
-25°	269.4	234.5	212.2	197.0	182.9	170.0	159.0	149.2	141.2	135.2	130.6
-27.5°	228.3	209.2	196.7	184.3	172.2	161.3	151.9	143.6	137.5	132.9	129.2
-30°	204.2	193.2	182.8	172.5	162.2	152.9	145.3	139.4	134.5	130.6	127.4
-32.5°	186.7	178.0	169.2	161.0	152.6	145.4	140.1	135.4	131.6	128.4	125.5
-35°	171.4	164.2	157.4	150.7	144.0	139.6	135.4	132.0	129.0	126.1	123.7
-37.5°	158.8	152.8	147.3	142.0	138.3	134.7	131.5	128.9	126.2	124.2	121.7
-40°	147.2	142.4	139.5	136.3	133.4	130.4	128.2	125.9	124.1	122.1	119.6
-42.5°	138.2	135.9	133.8	131.6	129.3	127.3	125.2	123.4	121.6	119.7	117.1
-45°	132.4	131.1	129.5	127.9	126.1	124.4	122.4	120.8	119.2	116.9	114.4
-47.5°	128.4	127.4	126.1	124.8	123.3	121.6	120.0	118.3	116.2	113.8	110.8
-50°	125.3	124.5	123.4	122.1	120.7	119.2	117.2	114.9	112.8	110.2	107.2
-52.5°	122.9	121.9	120.7	119.4	117.7	115.8	113.8	111.4	109.0	106.2	103.0
-55°	119.8	118.8	117.4	115.8	114.0	112.1	110.0	107.5	104.6	101.7	98.4
-57.5°	116.2	115.1	113.4	111.8	110.2	107.9	105.4	102.7	99.7	96.7	93.3
-60°	111.7	110.4	108.7	106.8	104.9	102.6	99.9	97.2	94.4	90.7	86.8
-62.5°	106.1	104.4	102.7	100.7	98.6	96.3	93.6	90.4	87.2	83.8	79.9
-65°	99.0	97.2	95.5	93.2	90.7	88.1	85.4	82.5	79.5	76.4	72.6
-67.5°	90.0	88.0	86.0	83.9	81.4	79.0	76.5	74.0	71.0	67.6	63.7
-70°	78.9	77.0	75.1	73.3	71.3	69.1	66.7	64.1	61.2	58.0	54.4
-72.5°	66.7	65.2	63.7	62.1	60.4	58.4	56.1	53.5	50.8	47.9	45.0
-75°	54.0	52.9	51.5	50.1	48.4	46.7	44.7	42.6	40.5	38.4	36.1
-77.5°	41.1	40.2	39.2	37.9	36.5	35.0	33.4	32.0	30.5	28.9	27.0
-80°	28.9	28.3	27.6	26.6	25.6	24.5	23.4	22.2	20.8	19.5	18.3
-82.5°	18.5	18.1	17.6	17.1	16.4	15.7	15.0	14.1	13.2	12.2	11.2
-85°	10.5	10.3	10.0	9.6	9.2	8.9	8.5	8.1	7.7	7.3	6.9
-87.5°	3.8	3.7	3.6	3.7	3.8	3.8	3.8	3.7	3.6	3.5	3.3
-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: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4
85°	6.6	6.3	6.0	5.6	5.2	4.7	4.3	4.0	3.6	3.2	2.8
82.5°	10.4	9.9	9.5	9.0	8.6	8.0	7.4	6.6	5.7	4.9	4.2
80°	17.2	16.0	14.8	13.6	12.4	11.3	10.6	9.7	8.4	7.2	6.0
77.5°	25.0	23.0	20.9	19.2	17.4	15.8	14.2	12.8	11.1	9.6	8.1
75°	33.6	30.9	28.3	25.7	22.9	20.1	18.1	16.1	14.1	11.9	10.1
72.5°	42.1	39.1	35.8	32.4	29.2	25.9	22.5	19.5	17.1	14.7	12.2
70°	50.8	47.2	43.6	39.7	35.6	31.6	27.8	23.9	20.2	17.5	14.6
67.5°	59.5	55.3	51.2	46.8	42.2	37.6	33.1	28.6	24.3	20.2	17.0
65°	68.0	63.3	58.4	53.7	48.8	43.6	38.5	33.3	28.4	23.7	19.4
62.5°	75.8	71.2	65.9	60.6	55.2	49.6	43.8	38.1	32.4	27.1	22.2
60°	82.7	78.0	73.1	67.5	61.6	55.5	49.3	42.9	36.7	30.4	25.0
57.5°	88.9	84.4	79.4	74.0	67.9	61.4	54.6	47.7	40.8	34.1	27.8
55°	94.7	90.1	85.3	79.9	73.9	67.1	59.9	52.5	44.9	37.7	30.5
52.5°	99.4	95.4	90.6	85.3	79.3	72.6	65.1	57.1	49.1	41.2	33.6
50°	103.7	99.9	95.4	90.1	84.4	77.5	70.1	61.7	53.2	44.6	36.6
47.5°	107.5	103.9	99.6	94.6	88.7	82.2	74.6	66.2	57.1	48.1	39.5
45°	111.0	107.4	103.4	98.5	92.9	86.3	78.7	70.5	61.0	51.5	42.2
42.5°	114.1	110.5	106.6	102.3	96.5	90.0	82.7	74.2	64.7	54.7	44.9
40°	116.6	113.3	109.6	105.2	99.9	93.7	86.1	77.7	68.4	57.8	47.6
37.5°	118.9	115.6	112.0	107.8	102.9	96.6	89.3	81.0	71.6	60.8	50.2
35°	120.9	117.7	114.1	110.1	105.3	99.4	92.4	84.0	74.4	63.7	52.6
32.5°	122.7	119.6	115.9	111.9	107.5	102.1	95.1	86.6	77.0	66.3	54.9
30°	124.3	121.0	117.5	113.6	109.5	104.1	97.3	88.9	79.4	68.8	57.0
27.5°	125.7	122.2	119.0	115.0	110.8	105.9	99.3	91.2	81.6	71.0	59.0
25°	127.0	123.3	120.0	116.3	112.1	107.5	101.2	93.2	83.5	72.8	60.8
22.5°	128.1	124.4	120.8	117.5	113.2	109.0	102.8	94.7	85.1	74.4	62.4
20°	129.1	125.3	121.5	118.4	114.1	109.9	104.0	96.1	86.6	75.9	63.9
17.5°	130.1	126.1	122.2	118.9	114.9	110.7	105.1	97.4	87.9	77.1	65.2
15°	130.9	126.7	122.8	119.3	115.5	111.3	106.1	98.5	89.0	78.2	66.3
12.5°	131.5	127.2	123.3	119.6	116.0	111.9	107.0	99.4	89.9	79.2	67.2
10°	132.0	127.4	123.7	119.8	116.3	112.2	107.7	100.1	90.6	79.9	67.9
7.5°	132.4	127.5	123.9	120.0	116.6	112.5	108.1	100.6	91.2	80.4	68.4
5°	132.7	127.6	124.1	120.2	116.9	112.8	108.4	100.9	91.5	80.8	68.8
2.5°	133.4	128.1	124.3	120.3	117.0	112.9	108.5	101.1	91.6	80.9	68.9
0°	133.8	128.4	124.4	120.4	117.1	113.0	108.4	101.0	91.6	80.9	68.9
-2.5°	133.4	128.1	124.3	120.3	117.0	112.9	108.5	101.1	91.6	80.9	68.9
-5°	132.7	127.6	124.1	120.2	116.9	112.8	108.4	100.9	91.5	80.8	68.8
-7.5°	132.4	127.5	123.9	120.0	116.6	112.5	108.1	100.6	91.2	80.4	68.4
-10°	132.0	127.4	123.7	119.8	116.3	112.2	107.7	100.1	90.6	79.9	67.9
-12.5°	131.5	127.2	123.3	119.6	116.0	111.9	107.0	99.4	89.9	79.2	67.2
-15°	130.9	126.7	122.8	119.3	115.5	111.3	106.1	98.5	89.0	78.2	66.3
-17.5°	130.1	126.1	122.2	118.9	114.9	110.7	105.1	97.4	87.9	77.1	65.2
-20°	129.1	125.3	121.5	118.4	114.1	109.9	104.0	96.1	86.6	75.9	63.9



REPORT NUMBER: P558640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2B-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°	128.1	124.4	120.8	117.5	113.2	109.0	102.8	94.7	85.1	74.4	62.4
-25°	127.0	123.3	120.0	116.3	112.1	107.5	101.2	93.2	83.5	72.8	60.8
-27.5°	125.7	122.2	119.0	115.0	110.8	105.9	99.3	91.2	81.6	71.0	59.0
-30°	124.3	121.0	117.5	113.6	109.5	104.1	97.3	88.9	79.4	68.8	57.0
-32.5°	122.7	119.6	115.9	111.9	107.5	102.1	95.1	86.6	77.0	66.3	54.9
-35°	120.9	117.7	114.1	110.1	105.3	99.4	92.4	84.0	74.4	63.7	52.6
-37.5°	118.9	115.6	112.0	107.8	102.9	96.6	89.3	81.0	71.6	60.8	50.2
-40°	116.6	113.3	109.6	105.2	99.9	93.7	86.1	77.7	68.4	57.8	47.6
-42.5°	114.1	110.5	106.6	102.3	96.5	90.0	82.7	74.2	64.7	54.7	44.9
-45°	111.0	107.4	103.4	98.5	92.9	86.3	78.7	70.5	61.0	51.5	42.2
-47.5°	107.5	103.9	99.6	94.6	88.7	82.2	74.6	66.2	57.1	48.1	39.5
-50°	103.7	99.9	95.4	90.1	84.4	77.5	70.1	61.7	53.2	44.6	36.6
-52.5°	99.4	95.4	90.6	85.3	79.3	72.6	65.1	57.1	49.1	41.2	33.6
-55°	94.7	90.1	85.3	79.9	73.9	67.1	59.9	52.5	44.9	37.7	30.5
-57.5°	88.9	84.4	79.4	74.0	67.9	61.4	54.6	47.7	40.8	34.1	27.8
-60°	82.7	78.0	73.1	67.5	61.6	55.5	49.3	42.9	36.7	30.4	25.0
-62.5°	75.8	71.2	65.9	60.6	55.2	49.6	43.8	38.1	32.4	27.1	22.2
-65°	68.0	63.3	58.4	53.7	48.8	43.6	38.5	33.3	28.4	23.7	19.4
-67.5°	59.5	55.3	51.2	46.8	42.2	37.6	33.1	28.6	24.3	20.2	17.0
-70°	50.8	47.2	43.6	39.7	35.6	31.6	27.8	23.9	20.2	17.5	14.6
-72.5°	42.1	39.1	35.8	32.4	29.2	25.9	22.5	19.5	17.1	14.7	12.2
-75°	33.6	30.9	28.3	25.7	22.9	20.1	18.1	16.1	14.1	11.9	10.1
-77.5°	25.0	23.0	20.9	19.2	17.4	15.8	14.2	12.8	11.1	9.6	8.1
-80°	17.2	16.0	14.8	13.6	12.4	11.3	10.6	9.7	8.4	7.2	6.0
-82.5°	10.4	9.9	9.5	9.0	8.6	8.0	7.4	6.6	5.7	4.9	4.2
-85°	6.6	6.3	6.0	5.6	5.2	4.7	4.3	4.0	3.6	3.2	2.8
-87.5°	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	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):**

	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°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
85°	2.4	2.1	1.8	1.4	0.9	0.5	0.0
82.5°	3.6	3.2	2.6	2.0	1.4	0.7	0.0
80°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
77.5°	6.6	5.4	4.4	3.4	2.3	1.2	0.0
75°	8.3	6.8	5.3	4.1	2.8	1.4	0.0
72.5°	10.0	8.2	6.4	4.7	3.2	1.6	0.0
70°	11.7	9.6	7.5	5.4	3.7	1.8	0.0
67.5°	13.8	10.9	8.6	6.2	4.1	2.1	0.0
65°	15.9	12.5	9.7	7.0	4.6	2.3	0.0
62.5°	17.9	14.1	10.7	7.8	5.0	2.5	0.0
60°	19.9	15.7	11.7	8.6	5.4	2.7	0.0
57.5°	22.2	17.3	13.0	9.3	5.9	2.9	0.0
55°	24.5	18.9	14.2	10.1	6.4	3.1	0.0
52.5°	26.8	20.4	15.4	10.8	6.8	3.3	0.0
50°	29.0	22.2	16.5	11.5	7.3	3.5	0.0
47.5°	31.1	24.0	17.6	12.2	7.7	3.6	0.0
45°	33.5	25.7	18.6	12.9	8.1	3.8	0.0
42.5°	35.8	27.3	19.6	13.7	8.5	4.0	0.0
40°	37.9	28.8	20.7	14.4	8.9	4.1	0.0
37.5°	39.9	30.3	21.9	15.0	9.3	4.3	0.0
35°	41.8	31.8	23.0	15.6	9.6	4.4	0.0
32.5°	43.6	33.3	24.0	16.2	9.9	4.6	0.0
30°	45.4	34.7	25.0	16.7	10.2	4.7	0.0
27.5°	47.1	36.0	25.9	17.2	10.5	4.8	0.0
25°	48.6	37.1	26.7	17.6	10.8	4.9	0.0
22.5°	50.0	38.2	27.5	18.0	11.0	5.0	0.0
20°	51.3	39.1	28.1	18.3	11.2	5.1	0.0
17.5°	52.4	40.0	28.7	18.6	11.4	5.1	0.0
15°	53.4	40.7	29.3	18.9	11.5	5.2	0.0
12.5°	54.3	41.4	29.7	19.1	11.7	5.3	0.0
10°	55.0	41.9	30.1	19.2	11.8	5.3	0.0
7.5°	55.5	42.3	30.4	19.3	11.9	5.4	0.0
5°	55.9	42.6	30.6	19.4	11.9	5.4	0.0
2.5°	56.1	42.7	30.8	19.4	12.0	5.4	0.0
0°	56.2	42.8	30.8	19.4	12.0	5.4	0.0
-2.5°	56.1	42.7	30.8	19.4	12.0	5.4	0.0
-5°	55.9	42.6	30.6	19.4	11.9	5.4	0.0
-7.5°	55.5	42.3	30.4	19.3	11.9	5.4	0.0
-10°	55.0	41.9	30.1	19.2	11.8	5.3	0.0
-12.5°	54.3	41.4	29.7	19.1	11.7	5.3	0.0
-15°	53.4	40.7	29.3	18.9	11.5	5.2	0.0
-17.5°	52.4	40.0	28.7	18.6	11.4	5.1	0.0
-20°	51.3	39.1	28.1	18.3	11.2	5.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.0	38.2	27.5	18.0	11.0	5.0	0.0
-25°	48.6	37.1	26.7	17.6	10.8	4.9	0.0
-27.5°	47.1	36.0	25.9	17.2	10.5	4.8	0.0
-30°	45.4	34.7	25.0	16.7	10.2	4.7	0.0
-32.5°	43.6	33.3	24.0	16.2	9.9	4.6	0.0
-35°	41.8	31.8	23.0	15.6	9.6	4.4	0.0
-37.5°	39.9	30.3	21.9	15.0	9.3	4.3	0.0
-40°	37.9	28.8	20.7	14.4	8.9	4.1	0.0
-42.5°	35.8	27.3	19.6	13.7	8.5	4.0	0.0
-45°	33.5	25.7	18.6	12.9	8.1	3.8	0.0
-47.5°	31.1	24.0	17.6	12.2	7.7	3.6	0.0
-50°	29.0	22.2	16.5	11.5	7.3	3.5	0.0
-52.5°	26.8	20.4	15.4	10.8	6.8	3.3	0.0
-55°	24.5	18.9	14.2	10.1	6.4	3.1	0.0
-57.5°	22.2	17.3	13.0	9.3	5.9	2.9	0.0
-60°	19.9	15.7	11.7	8.6	5.4	2.7	0.0
-62.5°	17.9	14.1	10.7	7.8	5.0	2.5	0.0
-65°	15.9	12.5	9.7	7.0	4.6	2.3	0.0
-67.5°	13.8	10.9	8.6	6.2	4.1	2.1	0.0
-70°	11.7	9.6	7.5	5.4	3.7	1.8	0.0
-72.5°	10.0	8.2	6.4	4.7	3.2	1.6	0.0
-75°	8.3	6.8	5.3	4.1	2.8	1.4	0.0
-77.5°	6.6	5.4	4.4	3.4	2.3	1.2	0.0
-80°	4.9	4.2	3.5	2.7	1.9	0.9	0.0
-82.5°	3.6	3.2	2.6	2.0	1.4	0.7	0.0
-85°	2.4	2.1	1.8	1.4	0.9	0.5	0.0
-87.5°	1.2	1.1	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)