

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: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2E-935-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

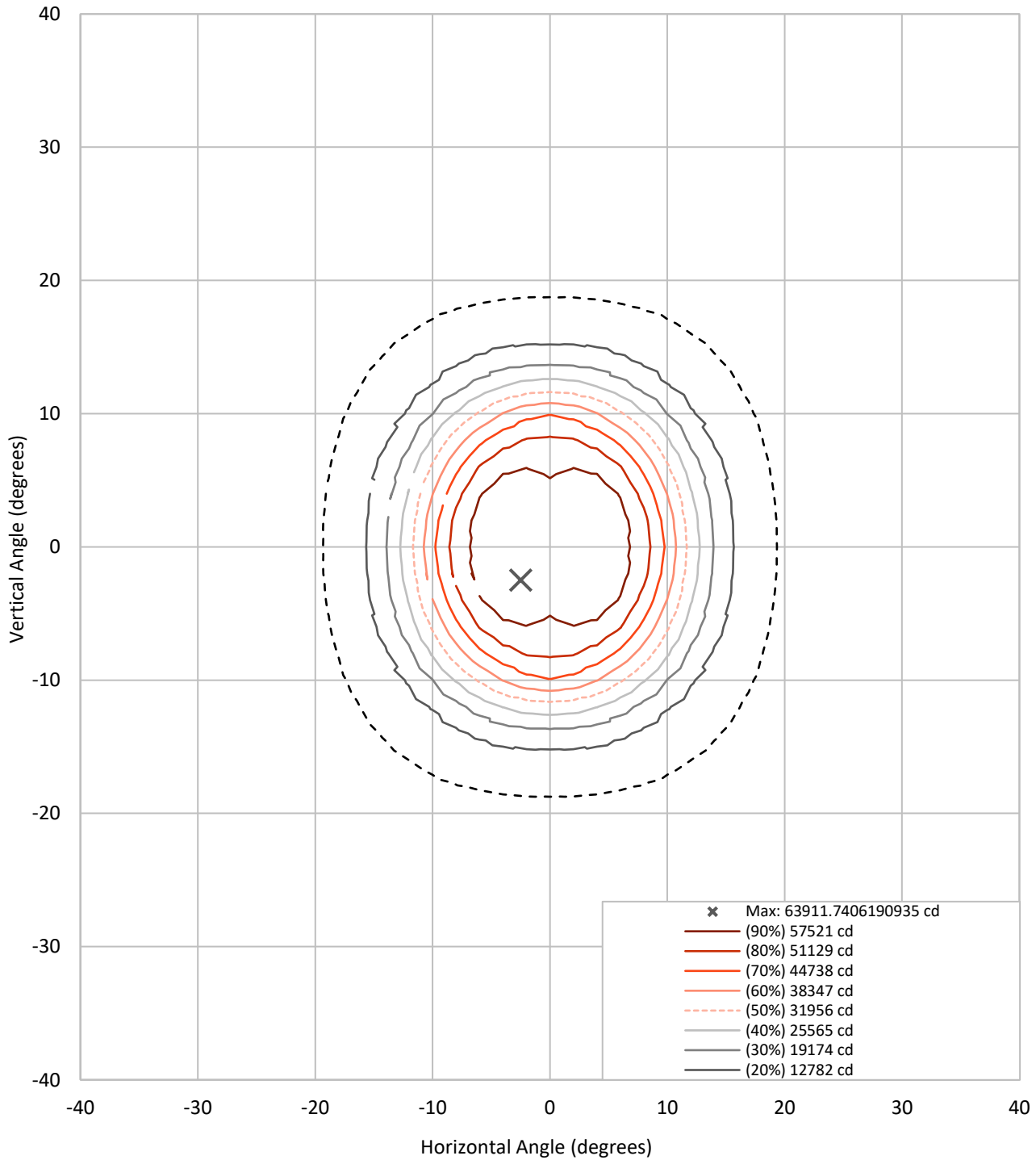
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12085.7 lumens	Max Intensity:	63911.7 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	95.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	6524.6 lumens	Field Lumens:	9839.5 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 127  
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





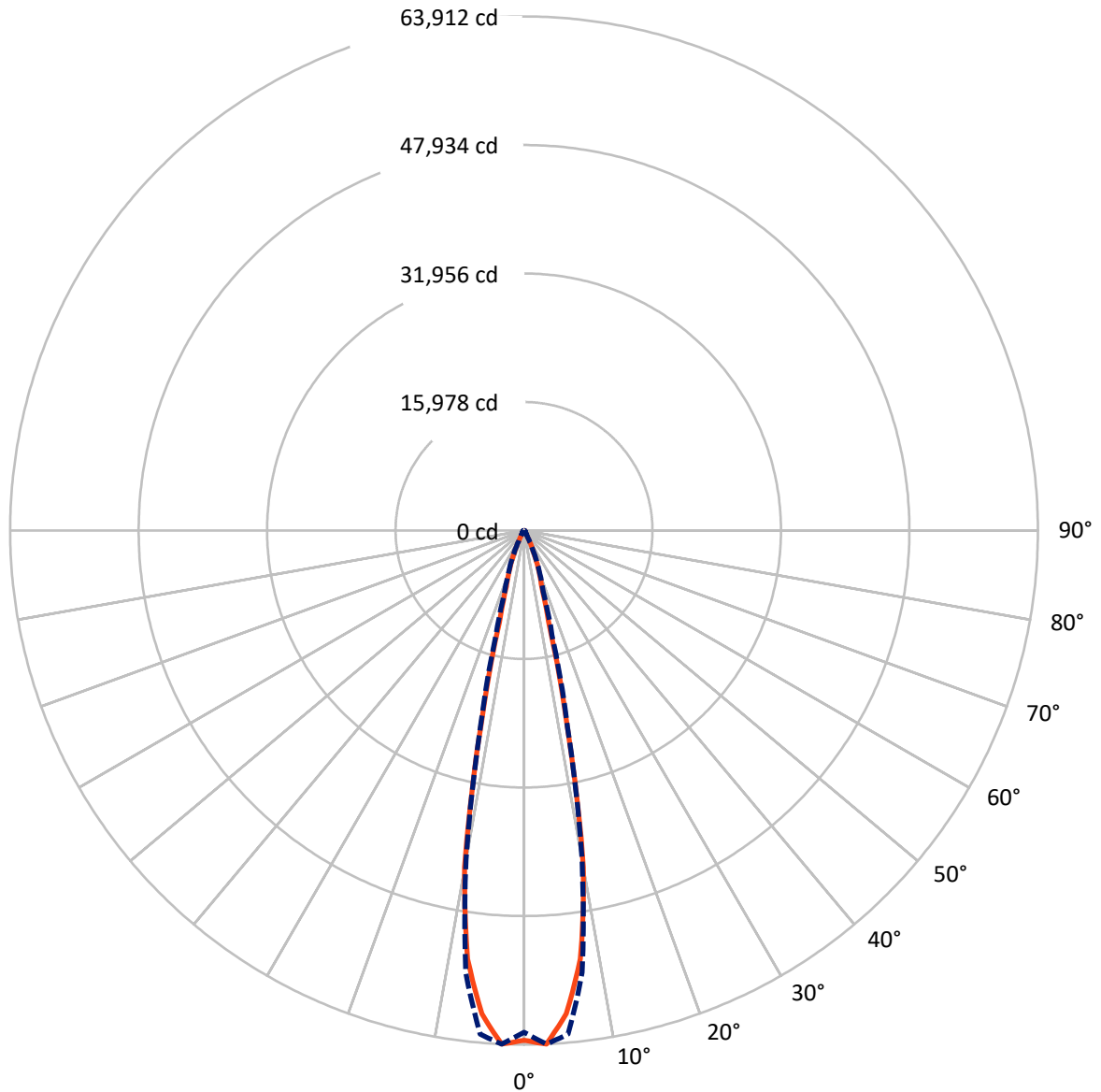
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 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

### Lumen Table

90	0.1	1.2	3.2	5.2	6.0	5.2	3.2	1.2	0.1										
80	0.1	1.2	3.2	5.2	6.0	5.2	3.2	1.2	0.1										
70	0.6	0.6	1.3	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	2.9	2.1	1.3	0.6	0.6			
60		1.0	1.9	3.0	4.0	4.8	5.3	5.5	5.5	5.3	4.8	4.0	3.0	1.9	1.0				
50	1.0	1.3	2.4	3.6	4.7	5.7	6.5	6.9	6.9	6.5	5.7	4.7	3.6	2.4	1.3	1.0			
40		1.5	2.8	4.1	5.5	7.5	9.9	11.8	11.8	9.9	7.5	5.5	4.1	2.8	1.5				
30	1.4	1.7	3.1	4.5	6.8	12.3	37.1	72.3	72.3	37.1	12.3	6.8	4.5	3.1	1.7	1.4			
20		1.8	3.2	4.8	8.5	36.7	169.2	435.1	435.1	169.2	36.7	8.5	4.8	3.2	1.8				
10	1.5	1.9	3.2	5.0	10.2	71.4	440.6	1556.6	1556.6	440.6	71.4	10.2	5.0	3.2	1.9	1.5			
0		1.9	3.2	5.0	10.2	71.4	440.6	1556.6	1556.6	440.6	71.4	10.2	5.0	3.2	1.9				
-10	1.4	1.8	3.2	4.8	8.5	36.7	169.2	435.1	435.1	169.2	36.7	8.5	4.8	3.2	1.8	1.4			
-20		1.7	3.1	4.5	6.8	12.3	37.1	72.3	72.3	37.1	12.3	6.8	4.5	3.1	1.7				
-30	1.0	1.5	2.8	4.1	5.5	7.5	9.9	11.8	11.8	9.9	7.5	5.5	4.1	2.8	1.5	1.0			
-40		1.3	2.4	3.6	4.7	5.7	6.5	6.9	6.9	6.5	5.7	4.7	3.6	2.4	1.3				
-50	0.6	1.0	1.9	3.0	4.0	4.8	5.3	5.5	5.5	5.3	4.8	4.0	3.0	1.9	1.0	0.6			
-60		0.6	1.3	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	2.9	2.1	1.3	0.6				
-70	0.1	1.2	3.2	5.2	6.0	5.2	3.2	1.2	0.1							0.1			
-80		1.2	3.2	5.2	6.0	5.2	3.2	1.2	0.1										
-90	0.1	1.2	3.2	5.2	6.0	5.2	3.2	1.2	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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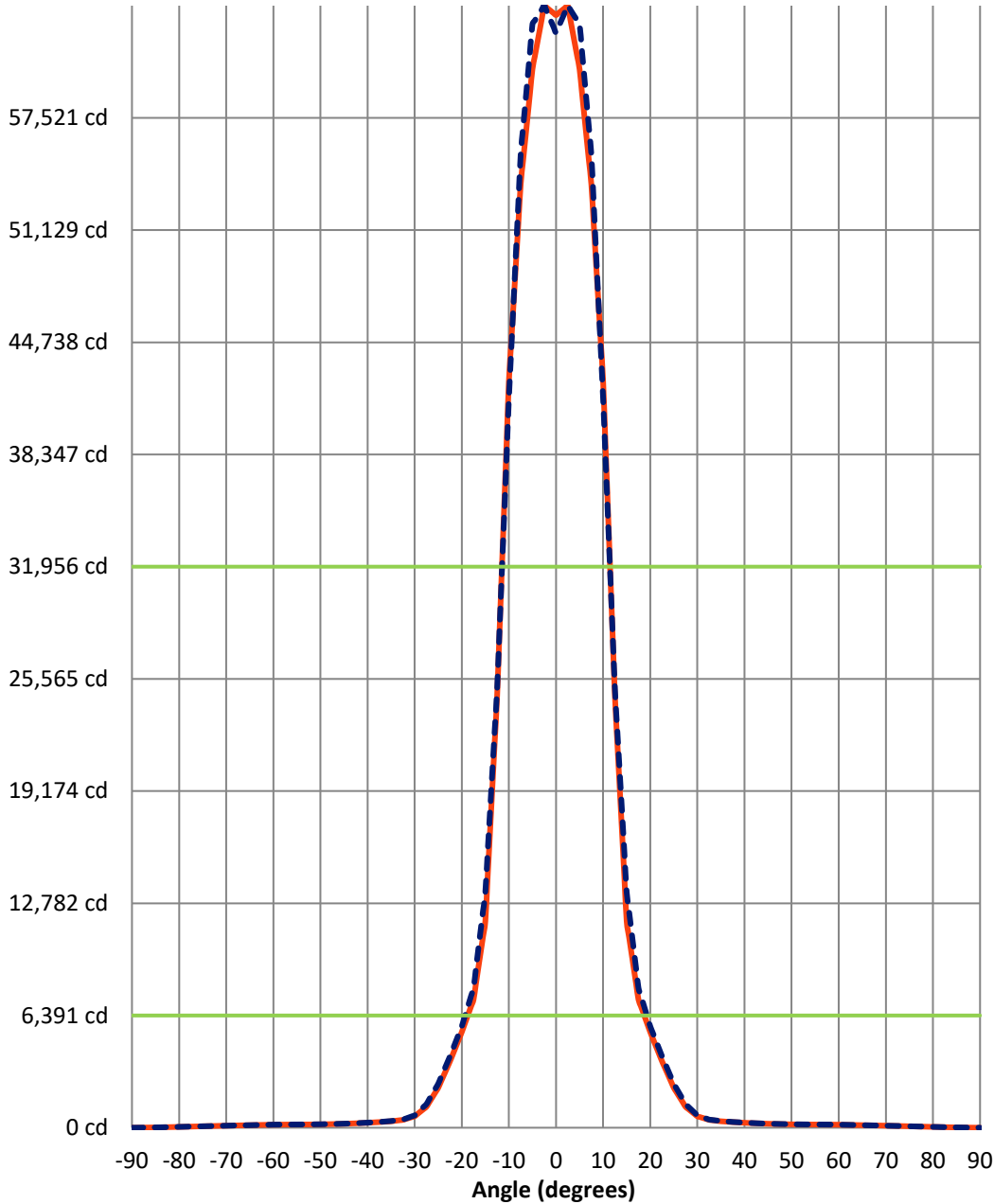
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 6524.6  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 9839.5  
Efficiency: 81.4%

**Spill:**  
Lumens: 2246.2  
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
- - Horizontal Distribution through -2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.1	8.4	9.8
80°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.9	10.7	12.6	14.5
77.5°	0.0	1.5	2.9	4.4	5.9	7.6	9.7	11.9	14.3	16.7	19.3
75°	0.0	1.8	3.5	5.3	7.1	9.8	12.3	15.0	17.9	21.2	24.4
72.5°	0.0	2.0	4.1	6.1	8.9	12.0	14.9	18.2	22.2	25.9	29.5
70°	0.0	2.3	4.6	7.1	10.7	14.2	17.5	22.0	26.4	30.6	35.6
67.5°	0.0	2.6	5.2	8.4	12.5	16.3	20.8	25.7	30.6	36.3	41.9
65°	0.0	2.9	5.7	9.7	14.2	18.7	24.0	29.4	35.6	41.9	48.3
62.5°	0.0	3.1	6.3	11.0	15.9	21.3	27.1	33.5	40.5	47.5	54.8
60°	0.0	3.4	6.8	12.3	17.6	23.8	30.2	37.8	45.3	53.3	61.3
57.5°	0.0	3.7	7.6	13.6	19.5	26.2	33.6	41.9	50.3	59.0	67.5
55°	0.0	3.9	8.5	14.8	21.4	28.6	37.1	45.9	55.2	64.5	73.7
52.5°	0.0	4.1	9.2	16.0	23.2	31.0	40.4	50.0	60.0	69.9	79.7
50°	0.0	4.4	10.0	17.2	25.0	33.6	43.6	54.2	64.7	75.1	85.6
47.5°	0.0	4.6	10.8	18.3	26.6	36.2	46.8	58.2	69.1	80.2	91.5
45°	0.0	4.8	11.5	19.5	28.2	38.7	50.1	62.0	73.5	85.3	97.2
42.5°	0.0	5.0	12.2	20.7	29.8	41.1	53.3	65.7	77.7	90.3	102.3
40°	0.0	5.2	12.8	21.8	31.4	43.4	56.4	69.3	81.8	95.0	107.1
37.5°	0.0	5.4	13.4	22.8	33.1	45.6	59.3	72.6	85.9	99.4	111.6
35°	0.0	5.6	14.0	23.7	34.8	47.8	62.2	75.8	89.6	103.2	115.9
32.5°	0.0	5.7	14.6	24.6	36.3	50.0	64.8	78.8	93.1	106.8	120.1
30°	0.0	5.9	15.1	25.5	37.8	52.1	67.2	81.6	96.4	110.1	123.9
27.5°	0.0	6.0	15.5	26.3	39.1	54.0	69.4	84.3	99.3	113.2	127.3
25°	0.0	6.2	16.0	27.0	40.4	55.8	71.5	86.7	101.8	116.1	130.4
22.5°	0.0	6.3	16.4	27.7	41.6	57.4	73.4	88.9	104.2	118.6	133.1
20°	0.0	6.4	16.7	28.2	42.7	58.9	75.1	90.9	106.2	120.8	135.5
17.5°	0.0	6.5	17.1	28.8	43.7	60.2	76.6	92.6	108.1	122.7	137.6
15°	0.0	6.6	17.3	29.2	44.6	61.3	77.8	94.1	109.7	124.3	139.4
12.5°	0.0	6.6	17.6	29.6	45.4	62.3	78.9	95.4	111.1	125.6	140.9
10°	0.0	6.7	17.8	29.9	46.1	63.1	79.8	96.4	112.2	126.9	142.1
7.5°	0.0	6.7	17.9	30.2	46.6	63.6	80.5	97.3	113.1	128.1	143.0
5°	0.0	6.8	18.0	30.4	47.0	64.1	81.0	97.8	113.7	129.0	143.5
2.5°	0.0	6.8	18.1	30.5	47.3	64.3	81.3	98.2	114.1	129.6	143.7
0°	0.0	6.8	18.1	30.5	47.5	64.4	81.4	98.3	114.2	130.0	143.6
-2.5°	0.0	6.8	18.1	30.5	47.5	64.4	81.4	98.3	114.2	130.0	143.6
-5°	0.0	6.8	18.0	30.4	47.0	64.1	81.0	97.8	113.7	129.0	143.5
-7.5°	0.0	6.7	17.9	30.2	46.6	63.6	80.5	97.3	113.1	128.1	143.0
-10°	0.0	6.7	17.8	29.9	46.1	63.1	79.8	96.4	112.2	126.9	142.1
-12.5°	0.0	6.6	17.6	29.6	45.4	62.3	78.9	95.4	111.1	125.6	140.9
-15°	0.0	6.6	17.3	29.2	44.6	61.3	77.8	94.1	109.7	124.3	139.4
-17.5°	0.0	6.5	17.1	28.8	43.7	60.2	76.6	92.6	108.1	122.7	137.6
-20°	0.0	6.4	16.7	28.2	42.7	58.9	75.1	90.9	106.2	120.8	135.5



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 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	16.4	27.7	41.6	57.4	73.4	88.9	104.2	118.6	133.1
-25°	0.0	6.2	16.0	27.0	40.4	55.8	71.5	86.7	101.8	116.1	130.4
-27.5°	0.0	6.0	15.5	26.3	39.1	54.0	69.4	84.3	99.3	113.2	127.3
-30°	0.0	5.9	15.1	25.5	37.8	52.1	67.2	81.6	96.4	110.1	123.9
-32.5°	0.0	5.7	14.6	24.6	36.3	50.0	64.8	78.8	93.1	106.8	120.1
-35°	0.0	5.6	14.0	23.7	34.8	47.8	62.2	75.8	89.6	103.2	115.9
-37.5°	0.0	5.4	13.4	22.8	33.1	45.6	59.3	72.6	85.9	99.4	111.6
-40°	0.0	5.2	12.8	21.8	31.4	43.4	56.4	69.3	81.8	95.0	107.1
-42.5°	0.0	5.0	12.2	20.7	29.8	41.1	53.3	65.7	77.7	90.3	102.3
-45°	0.0	4.8	11.5	19.5	28.2	38.7	50.1	62.0	73.5	85.3	97.2
-47.5°	0.0	4.6	10.8	18.3	26.6	36.2	46.8	58.2	69.1	80.2	91.5
-50°	0.0	4.4	10.0	17.2	25.0	33.6	43.6	54.2	64.7	75.1	85.6
-52.5°	0.0	4.1	9.2	16.0	23.2	31.0	40.4	50.0	60.0	69.9	79.7
-55°	0.0	3.9	8.5	14.8	21.4	28.6	37.1	45.9	55.2	64.5	73.7
-57.5°	0.0	3.7	7.6	13.6	19.5	26.2	33.6	41.9	50.3	59.0	67.5
-60°	0.0	3.4	6.8	12.3	17.6	23.8	30.2	37.8	45.3	53.3	61.3
-62.5°	0.0	3.1	6.3	11.0	15.9	21.3	27.1	33.5	40.5	47.5	54.8
-65°	0.0	2.9	5.7	9.7	14.2	18.7	24.0	29.4	35.6	41.9	48.3
-67.5°	0.0	2.6	5.2	8.4	12.5	16.3	20.8	25.7	30.6	36.3	41.9
-70°	0.0	2.3	4.6	7.1	10.7	14.2	17.5	22.0	26.4	30.6	35.6
-72.5°	0.0	2.0	4.1	6.1	8.9	12.0	14.9	18.2	22.2	25.9	29.5
-75°	0.0	1.8	3.5	5.3	7.1	9.8	12.3	15.0	17.9	21.2	24.4
-77.5°	0.0	1.5	2.9	4.4	5.9	7.6	9.7	11.9	14.3	16.7	19.3
-80°	0.0	1.2	2.4	3.5	4.7	5.9	7.1	8.9	10.7	12.6	14.5
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.1	8.4	9.8
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
85°	6.3	6.8	7.6	8.3	8.9	9.5	10.1	10.5	11.2	11.9	12.6
82.5°	11.0	12.2	13.2	14.1	15.0	15.7	16.5	17.6	19.0	20.4	21.6
80°	16.1	17.5	19.2	20.9	22.6	24.4	26.1	27.9	29.5	30.9	32.5
77.5°	21.6	23.9	26.2	28.5	31.0	33.6	36.2	38.7	41.1	43.3	45.6
75°	27.3	30.2	33.6	37.1	40.4	43.6	46.8	50.0	53.1	56.1	58.9
72.5°	33.5	37.8	41.9	45.9	50.2	54.4	58.3	61.9	65.7	69.4	72.9
70°	40.5	45.3	50.5	55.7	60.8	65.5	70.0	74.7	79.4	83.4	86.9
67.5°	47.5	53.5	59.4	65.4	71.0	76.4	81.9	87.1	91.9	96.1	100.0
65°	54.8	61.5	68.1	74.5	80.8	87.1	93.1	98.7	103.9	108.6	113.1
62.5°	62.0	69.3	76.5	83.6	90.9	97.8	104.1	110.0	115.7	120.8	125.7
60°	69.1	76.9	84.8	92.7	100.7	107.9	114.7	120.9	126.8	132.4	137.4
57.5°	76.0	84.4	93.0	101.5	109.8	117.7	124.6	131.2	137.2	142.9	148.1
55°	82.7	91.6	100.8	109.9	118.5	126.7	134.1	140.7	147.1	152.3	157.3
52.5°	89.4	98.7	108.4	117.9	126.7	135.1	142.8	149.5	155.3	160.6	165.0
50°	95.9	105.7	115.7	125.3	134.4	143.0	150.7	157.1	162.6	167.6	171.7
47.5°	102.1	112.5	122.4	132.3	141.5	150.0	157.6	163.6	169.1	173.5	177.3
45°	108.0	118.7	129.0	138.7	148.1	156.5	163.5	169.6	174.6	179.0	182.9
42.5°	113.6	124.8	135.2	144.9	154.1	162.2	169.1	174.7	179.8	184.1	188.5
40°	118.9	130.6	141.2	150.7	159.8	167.4	173.8	179.6	184.6	189.5	194.2
37.5°	124.1	136.0	146.9	156.6	164.5	172.0	178.3	184.0	189.7	195.1	201.4
35°	129.1	141.1	152.1	161.7	169.5	176.0	182.5	188.7	195.3	202.1	209.4
32.5°	133.7	146.1	157.2	166.0	173.3	179.8	186.6	194.1	201.8	209.6	218.6
30°	137.8	150.6	161.8	169.9	176.7	183.3	191.2	199.8	208.8	217.9	228.4
27.5°	141.4	154.8	165.2	173.1	179.7	186.1	194.9	206.1	215.9	225.5	237.1
25°	144.7	158.1	168.3	175.7	182.0	188.8	198.0	209.4	221.8	232.3	248.4
22.5°	147.6	161.2	171.2	178.1	183.8	191.1	200.4	211.7	224.5	237.6	260.0
20°	150.1	163.4	173.7	180.1	185.2	192.8	201.7	213.3	227.4	246.4	271.2
17.5°	152.2	165.6	175.5	181.5	186.8	194.0	202.2	214.2	230.7	254.4	281.5
15°	154.1	167.8	177.1	182.6	188.1	195.1	204.1	216.6	235.6	261.7	291.0
12.5°	155.6	169.9	178.4	183.5	188.9	196.0	206.1	220.4	241.4	269.1	301.5
10°	156.8	171.9	179.4	184.3	189.3	196.6	207.8	223.4	246.2	275.9	310.7
7.5°	157.9	173.4	180.2	184.8	189.4	196.9	209.2	225.5	249.7	281.6	318.5
5°	158.7	174.4	181.0	185.1	189.4	197.0	210.3	226.8	252.0	285.8	324.4
2.5°	159.2	175.0	181.6	185.3	189.2	197.0	211.1	229.1	254.7	288.9	327.9
0°	159.4	175.2	182.0	185.4	188.8	196.7	211.4	230.6	256.6	290.5	329.0
-2.5°	159.2	175.0	181.6	185.3	189.2	197.0	211.1	229.1	254.7	288.9	327.9
-5°	158.7	174.4	181.0	185.1	189.4	197.0	210.3	226.8	252.0	285.8	324.4
-7.5°	157.9	173.4	180.2	184.8	189.4	196.9	209.2	225.5	249.7	281.6	318.5
-10°	156.8	171.9	179.4	184.3	189.3	196.6	207.8	223.4	246.2	275.9	310.7
-12.5°	155.6	169.9	178.4	183.5	188.9	196.0	206.1	220.4	241.4	269.1	301.5
-15°	154.1	167.8	177.1	182.6	188.1	195.1	204.1	216.6	235.6	261.7	291.0
-17.5°	152.2	165.6	175.5	181.5	186.8	194.0	202.2	214.2	230.7	254.4	281.5
-20°	150.1	163.4	173.7	180.1	185.2	192.8	201.7	213.3	227.4	246.4	271.2



REPORT NUMBER: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	147.6	161.2	171.2	178.1	183.8	191.1	200.4	211.7	224.5	237.6	260.0
-25°	144.7	158.1	168.3	175.7	182.0	188.8	198.0	209.4	221.8	232.3	248.4
-27.5°	141.4	154.8	165.2	173.1	179.7	186.1	194.9	206.1	215.9	225.5	237.1
-30°	137.8	150.6	161.8	169.9	176.7	183.3	191.2	199.8	208.8	217.9	228.4
-32.5°	133.7	146.1	157.2	166.0	173.3	179.8	186.6	194.1	201.8	209.6	218.6
-35°	129.1	141.1	152.1	161.7	169.5	176.0	182.5	188.7	195.3	202.1	209.4
-37.5°	124.1	136.0	146.9	156.6	164.5	172.0	178.3	184.0	189.7	195.1	201.4
-40°	118.9	130.6	141.2	150.7	159.8	167.4	173.8	179.6	184.6	189.5	194.2
-42.5°	113.6	124.8	135.2	144.9	154.1	162.2	169.1	174.7	179.8	184.1	188.5
-45°	108.0	118.7	129.0	138.7	148.1	156.5	163.5	169.6	174.6	179.0	182.9
-47.5°	102.1	112.5	122.4	132.3	141.5	150.0	157.6	163.6	169.1	173.5	177.3
-50°	95.9	105.7	115.7	125.3	134.4	143.0	150.7	157.1	162.6	167.6	171.7
-52.5°	89.4	98.7	108.4	117.9	126.7	135.1	142.8	149.5	155.3	160.6	165.0
-55°	82.7	91.6	100.8	109.9	118.5	126.7	134.1	140.7	147.1	152.3	157.3
-57.5°	76.0	84.4	93.0	101.5	109.8	117.7	124.6	131.2	137.2	142.9	148.1
-60°	69.1	76.9	84.8	92.7	100.7	107.9	114.7	120.9	126.8	132.4	137.4
-62.5°	62.0	69.3	76.5	83.6	90.9	97.8	104.1	110.0	115.7	120.8	125.7
-65°	54.8	61.5	68.1	74.5	80.8	87.1	93.1	98.7	103.9	108.6	113.1
-67.5°	47.5	53.5	59.4	65.4	71.0	76.4	81.9	87.1	91.9	96.1	100.0
-70°	40.5	45.3	50.5	55.7	60.8	65.5	70.0	74.7	79.4	83.4	86.9
-72.5°	33.5	37.8	41.9	45.9	50.2	54.4	58.3	61.9	65.7	69.4	72.9
-75°	27.3	30.2	33.6	37.1	40.4	43.6	46.8	50.0	53.1	56.1	58.9
-77.5°	21.6	23.9	26.2	28.5	31.0	33.6	36.2	38.7	41.1	43.3	45.6
-80°	16.1	17.5	19.2	20.9	22.6	24.4	26.1	27.9	29.5	30.9	32.5
-82.5°	11.0	12.2	13.2	14.1	15.0	15.7	16.5	17.6	19.0	20.4	21.6
-85°	6.3	6.8	7.6	8.3	8.9	9.5	10.1	10.5	11.2	11.9	12.6
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	5.0	5.2	5.4
-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: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-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°	5.6	5.5	5.4	5.3	5.2	5.5	5.9	6.2	6.6	6.6	6.7
85°	13.3	13.7	14.1	14.5	14.9	15.3	15.7	16.0	16.3	16.8	17.2
82.5°	22.6	23.5	24.4	25.2	25.9	26.8	27.6	28.4	29.1	29.6	29.9
80°	34.0	35.5	36.9	38.2	39.2	40.6	41.9	43.0	44.1	44.8	45.3
77.5°	47.7	49.7	51.4	53.1	54.7	56.3	57.6	58.6	59.5	60.5	61.5
75°	61.5	64.1	66.5	68.7	70.6	72.3	73.8	75.3	76.5	77.7	78.7
72.5°	76.1	79.0	81.6	84.0	86.2	88.4	90.5	92.3	93.9	95.2	96.3
70°	90.2	93.3	96.4	99.4	102.1	104.6	106.8	108.8	110.5	111.9	113.1
67.5°	103.8	107.3	110.9	114.2	117.2	119.8	122.3	124.6	126.7	128.3	129.4
65°	117.3	121.3	125.1	128.5	131.5	134.2	137.1	139.5	141.6	143.1	144.1
62.5°	130.5	134.8	138.5	142.0	145.4	148.2	150.6	152.9	154.9	156.6	157.6
60°	142.2	146.7	150.3	153.6	156.7	159.5	161.8	164.2	166.4	168.3	169.8
57.5°	152.5	156.7	160.3	163.3	166.1	168.6	170.9	172.9	174.4	175.6	176.6
55°	161.5	165.2	168.7	171.6	174.0	176.1	177.8	179.2	180.2	181.0	181.6
52.5°	169.2	172.7	176.1	178.9	180.8	182.5	184.0	185.6	186.5	186.7	186.6
50°	175.4	179.0	182.1	184.7	187.2	190.0	193.0	194.5	195.1	194.7	194.2
47.5°	181.1	184.6	188.0	191.1	194.8	199.6	204.4	206.7	206.5	205.5	205.0
45°	186.7	190.5	194.4	199.3	204.5	210.7	216.3	219.9	219.9	220.0	220.8
42.5°	192.4	197.2	202.6	209.3	216.0	223.0	229.0	233.4	236.7	240.7	244.0
40°	199.6	205.0	213.0	221.2	230.0	237.4	246.7	254.7	261.3	267.3	271.8
37.5°	208.0	215.7	225.9	236.5	247.9	259.4	270.3	280.4	289.1	299.0	306.4
35°	218.0	229.0	241.5	254.7	268.9	283.4	297.5	313.7	327.9	340.6	351.0
32.5°	229.8	243.1	258.3	275.8	293.6	312.8	333.0	353.8	373.9	394.8	415.7
30°	241.6	259.1	278.5	299.8	320.7	345.8	372.1	406.2	441.9	482.6	545.2
27.5°	256.0	276.9	299.5	324.0	352.6	384.8	435.5	498.4	605.9	686.1	901.8
25°	270.1	293.9	322.9	354.7	393.2	452.2	573.1	713.0	1024.5	1316.1	1653.0
22.5°	284.3	314.0	348.8	387.6	454.6	606.3	836.6	1258.4	1739.6	2250.3	2770.5
20°	298.7	333.7	377.2	442.0	582.3	841.8	1358.8	2036.5	2720.3	3555.6	4277.9
17.5°	314.8	358.3	415.2	512.6	743.8	1299.8	2064.5	3004.8	4062.9	5136.8	6038.5
15°	328.2	379.0	455.3	645.7	1082.2	1819.8	2820.4	4095.2	5538.0	6895.6	8053.5
12.5°	342.9	402.1	502.5	753.7	1394.4	2364.2	3682.9	5251.6	6982.4	8842.6	11787.9
10°	356.6	425.4	581.5	978.0	1754.3	2914.3	4455.3	6222.7	8321.9	12046.3	19008.6
7.5°	368.1	443.8	640.9	1145.1	2080.0	3433.3	5084.9	7053.1	10209.0	16466.3	28182.3
5°	375.9	456.0	682.3	1270.2	2339.5	3816.1	5487.5	7600.0	12134.5	21869.3	35976.4
2.5°	381.4	462.6	704.3	1343.1	2503.7	4069.6	5772.7	7968.0	13427.2	24994.5	41522.8
0°	385.5	464.6	708.8	1406.3	2559.3	4155.5	5786.7	8066.8	13870.4	26214.7	43499.0
-2.5°	381.4	462.6	704.3	1343.1	2503.7	4069.6	5772.7	7968.0	13427.2	24994.5	41522.8
-5°	375.9	456.0	682.3	1270.2	2339.5	3816.1	5487.5	7600.0	12134.5	21869.3	35976.4
-7.5°	368.1	443.8	640.9	1145.1	2080.0	3433.3	5084.9	7053.1	10209.0	16466.3	28182.3
-10°	356.6	425.4	581.5	978.0	1754.3	2914.3	4455.3	6222.7	8321.9	12046.3	19008.6
-12.5°	342.9	402.1	502.5	753.7	1394.4	2364.2	3682.9	5251.6	6982.4	8842.6	11787.9
-15°	328.2	379.0	455.3	645.7	1082.2	1819.8	2820.4	4095.2	5538.0	6895.6	8053.5
-17.5°	314.8	358.3	415.2	512.6	743.8	1299.8	2064.5	3004.8	4062.9	5136.8	6038.5
-20°	298.7	333.7	377.2	442.0	582.3	841.8	1358.8	2036.5	2720.3	3555.6	4277.9



REPORT NUMBER: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	284.3	314.0	348.8	387.6	454.6	606.3	836.6	1258.4	1739.6	2250.3	2770.5
-25°	270.1	293.9	322.9	354.7	393.2	452.2	573.1	713.0	1024.5	1316.1	1653.0
-27.5°	256.0	276.9	299.5	324.0	352.6	384.8	435.5	498.4	605.9	686.1	901.8
-30°	241.6	259.1	278.5	299.8	320.7	345.8	372.1	406.2	441.9	482.6	545.2
-32.5°	229.8	243.1	258.3	275.8	293.6	312.8	333.0	353.8	373.9	394.8	415.7
-35°	218.0	229.0	241.5	254.7	268.9	283.4	297.5	313.7	327.9	340.6	351.0
-37.5°	208.0	215.7	225.9	236.5	247.9	259.4	270.3	280.4	289.1	299.0	306.4
-40°	199.6	205.0	213.0	221.2	230.0	237.4	246.7	254.7	261.3	267.3	271.8
-42.5°	192.4	197.2	202.6	209.3	216.0	223.0	229.0	233.4	236.7	240.7	244.0
-45°	186.7	190.5	194.4	199.3	204.5	210.7	216.3	219.9	219.9	220.0	220.8
-47.5°	181.1	184.6	188.0	191.1	194.8	199.6	204.4	206.7	206.5	205.5	205.0
-50°	175.4	179.0	182.1	184.7	187.2	190.0	193.0	194.5	195.1	194.7	194.2
-52.5°	169.2	172.7	176.1	178.9	180.8	182.5	184.0	185.6	186.5	186.7	186.6
-55°	161.5	165.2	168.7	171.6	174.0	176.1	177.8	179.2	180.2	181.0	181.6
-57.5°	152.5	156.7	160.3	163.3	166.1	168.6	170.9	172.9	174.4	175.6	176.6
-60°	142.2	146.7	150.3	153.6	156.7	159.5	161.8	164.2	166.4	168.3	169.8
-62.5°	130.5	134.8	138.5	142.0	145.4	148.2	150.6	152.9	154.9	156.6	157.6
-65°	117.3	121.3	125.1	128.5	131.5	134.2	137.1	139.5	141.6	143.1	144.1
-67.5°	103.8	107.3	110.9	114.2	117.2	119.8	122.3	124.6	126.7	128.3	129.4
-70°	90.2	93.3	96.4	99.4	102.1	104.6	106.8	108.8	110.5	111.9	113.1
-72.5°	76.1	79.0	81.6	84.0	86.2	88.4	90.5	92.3	93.9	95.2	96.3
-75°	61.5	64.1	66.5	68.7	70.6	72.3	73.8	75.3	76.5	77.7	78.7
-77.5°	47.7	49.7	51.4	53.1	54.7	56.3	57.6	58.6	59.5	60.5	61.5
-80°	34.0	35.5	36.9	38.2	39.2	40.6	41.9	43.0	44.1	44.8	45.3
-82.5°	22.6	23.5	24.4	25.2	25.9	26.8	27.6	28.4	29.1	29.6	29.9
-85°	13.3	13.7	14.1	14.5	14.9	15.3	15.7	16.0	16.3	16.8	17.2
-87.5°	5.6	5.5	5.4	5.3	5.2	5.5	5.9	6.2	6.6	6.6	6.7
-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: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-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°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.2
85°	17.6	18.0	17.5	17.0	17.5	18.0	17.6	17.2	16.8	16.3	16.0
82.5°	30.2	30.4	30.5	30.5	30.5	30.4	30.2	29.9	29.6	29.1	28.4
80°	45.8	46.1	46.8	47.5	46.8	46.1	45.8	45.3	44.8	44.1	43.0
77.5°	62.3	63.0	63.2	63.3	63.2	63.0	62.3	61.5	60.5	59.5	58.6
75°	79.4	79.9	81.3	82.5	81.3	79.9	79.4	78.7	77.7	76.5	75.3
72.5°	97.2	97.8	98.8	99.5	98.8	97.8	97.2	96.3	95.2	93.9	92.3
70°	114.1	114.8	115.2	115.3	115.2	114.8	114.1	113.1	111.9	110.5	108.8
67.5°	130.2	130.6	130.5	130.0	130.5	130.6	130.2	129.4	128.3	126.7	124.6
65°	144.8	145.3	145.2	144.7	145.2	145.3	144.8	144.1	143.1	141.6	139.5
62.5°	158.4	158.9	159.2	159.4	159.2	158.9	158.4	157.6	156.6	154.9	152.9
60°	171.1	172.2	172.8	173.0	172.8	172.2	171.1	169.8	168.3	166.4	164.2
57.5°	177.5	178.2	178.5	178.6	178.5	178.2	177.5	176.6	175.6	174.4	172.9
55°	181.9	181.9	181.5	180.9	181.5	181.9	181.9	181.6	181.0	180.2	179.2
52.5°	186.2	185.6	185.3	185.4	185.3	185.6	186.2	186.6	186.7	186.5	185.6
50°	193.6	192.5	192.1	192.2	192.1	192.5	193.6	194.2	194.7	195.1	194.5
47.5°	205.7	206.2	206.6	206.9	206.6	206.2	205.7	205.0	205.5	206.5	206.7
45°	223.1	224.7	225.7	226.1	225.7	224.7	223.1	220.8	220.0	219.9	219.9
42.5°	247.4	249.4	250.1	249.8	250.1	249.4	247.4	244.0	240.7	236.7	233.4
40°	276.6	280.4	282.6	282.6	282.6	280.4	276.6	271.8	267.3	261.3	254.7
37.5°	313.0	318.1	320.7	319.9	320.7	318.1	313.0	306.4	299.0	289.1	280.4
35°	359.0	364.0	366.1	368.5	366.1	364.0	359.0	351.0	340.6	327.9	313.7
32.5°	432.1	442.4	446.5	440.9	446.5	442.4	432.1	415.7	394.8	373.9	353.8
30°	587.5	625.0	650.1	662.4	650.1	625.0	587.5	545.2	482.6	441.9	406.2
27.5°	1050.2	1148.4	1190.0	1213.0	1190.0	1148.4	1050.2	901.8	686.1	605.9	498.4
25°	1941.5	2151.2	2271.8	2262.0	2271.8	2151.2	1941.5	1653.0	1316.1	1024.5	713.0
22.5°	3253.9	3584.6	3783.0	3855.9	3783.0	3584.6	3253.9	2770.5	2250.3	1739.6	1258.4
20°	4880.9	5251.7	5445.7	5474.7	5445.7	5251.7	4880.9	4277.9	3555.6	2720.3	2036.5
17.5°	6748.1	7099.7	7304.0	7301.5	7304.0	7099.7	6748.1	6038.5	5136.8	4062.9	3004.8
15°	9630.7	10991.6	11759.0	11646.8	11759.0	10991.6	9630.7	8053.5	6895.6	5538.0	4095.2
12.5°	15780.6	21215.9	24587.4	25420.0	24587.4	21215.9	15780.6	11787.9	8842.6	6982.4	5251.6
10°	27886.5	36018.0	42512.0	44388.7	42512.0	36018.0	27886.5	19008.6	12046.3	8321.9	6222.7
7.5°	40112.9	49763.7	53735.4	54196.9	53735.4	49763.7	40112.9	28182.3	16466.3	10209.0	7053.1
5°	49341.4	59161.5	60298.1	57442.9	60298.1	59161.5	49341.4	35976.4	21869.3	12134.5	7600.0
2.5°	55433.0	62852.2	63911.7	62375.0	63911.7	62852.2	55433.0	41522.8	24994.5	13427.2	7968.0
0°	56822.2	61870.8	63375.9	63540.4	63375.9	61870.8	56822.2	43499.0	26214.7	13870.4	8066.8
-2.5°	55433.0	62852.2	63911.7	62375.0	63911.7	62852.2	55433.0	41522.8	24994.5	13427.2	7968.0
-5°	49341.4	59161.5	60298.1	57442.9	60298.1	59161.5	49341.4	35976.4	21869.3	12134.5	7600.0
-7.5°	40112.9	49763.7	53735.4	54196.9	53735.4	49763.7	40112.9	28182.3	16466.3	10209.0	7053.1
-10°	27886.5	36018.0	42512.0	44388.7	42512.0	36018.0	27886.5	19008.6	12046.3	8321.9	6222.7
-12.5°	15780.6	21215.9	24587.4	25420.0	24587.4	21215.9	15780.6	11787.9	8842.6	6982.4	5251.6
-15°	9630.7	10991.6	11759.0	11646.8	11759.0	10991.6	9630.7	8053.5	6895.6	5538.0	4095.2
-17.5°	6748.1	7099.7	7304.0	7301.5	7304.0	7099.7	6748.1	6038.5	5136.8	4062.9	3004.8
-20°	4880.9	5251.7	5445.7	5474.7	5445.7	5251.7	4880.9	4277.9	3555.6	2720.3	2036.5



REPORT NUMBER: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3253.9	3584.6	3783.0	3855.9	3783.0	3584.6	3253.9	2770.5	2250.3	1739.6	1258.4
-25°	1941.5	2151.2	2271.8	2262.0	2271.8	2151.2	1941.5	1653.0	1316.1	1024.5	713.0
-27.5°	1050.2	1148.4	1190.0	1213.0	1190.0	1148.4	1050.2	901.8	686.1	605.9	498.4
-30°	587.5	625.0	650.1	662.4	650.1	625.0	587.5	545.2	482.6	441.9	406.2
-32.5°	432.1	442.4	446.5	440.9	446.5	442.4	432.1	415.7	394.8	373.9	353.8
-35°	359.0	364.0	366.1	368.5	366.1	364.0	359.0	351.0	340.6	327.9	313.7
-37.5°	313.0	318.1	320.7	319.9	320.7	318.1	313.0	306.4	299.0	289.1	280.4
-40°	276.6	280.4	282.6	282.6	282.6	280.4	276.6	271.8	267.3	261.3	254.7
-42.5°	247.4	249.4	250.1	249.8	250.1	249.4	247.4	244.0	240.7	236.7	233.4
-45°	223.1	224.7	225.7	226.1	225.7	224.7	223.1	220.8	220.0	219.9	219.9
-47.5°	205.7	206.2	206.6	206.9	206.6	206.2	205.7	205.0	205.5	206.5	206.7
-50°	193.6	192.5	192.1	192.2	192.1	192.5	193.6	194.2	194.7	195.1	194.5
-52.5°	186.2	185.6	185.3	185.4	185.3	185.6	186.2	186.6	186.7	186.5	185.6
-55°	181.9	181.9	181.5	180.9	181.5	181.9	181.9	181.6	181.0	180.2	179.2
-57.5°	177.5	178.2	178.5	178.6	178.5	178.2	177.5	176.6	175.6	174.4	172.9
-60°	171.1	172.2	172.8	173.0	172.8	172.2	171.1	169.8	168.3	166.4	164.2
-62.5°	158.4	158.9	159.2	159.4	159.2	158.9	158.4	157.6	156.6	154.9	152.9
-65°	144.8	145.3	145.2	144.7	145.2	145.3	144.8	144.1	143.1	141.6	139.5
-67.5°	130.2	130.6	130.5	130.0	130.5	130.6	130.2	129.4	128.3	126.7	124.6
-70°	114.1	114.8	115.2	115.3	115.2	114.8	114.1	113.1	111.9	110.5	108.8
-72.5°	97.2	97.8	98.8	99.5	98.8	97.8	97.2	96.3	95.2	93.9	92.3
-75°	79.4	79.9	81.3	82.5	81.3	79.9	79.4	78.7	77.7	76.5	75.3
-77.5°	62.3	63.0	63.2	63.3	63.2	63.0	62.3	61.5	60.5	59.5	58.6
-80°	45.8	46.1	46.8	47.5	46.8	46.1	45.8	45.3	44.8	44.1	43.0
-82.5°	30.2	30.4	30.5	30.5	30.5	30.4	30.2	29.9	29.6	29.1	28.4
-85°	17.6	18.0	17.5	17.0	17.5	18.0	17.6	17.2	16.8	16.3	16.0
-87.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.6	6.2
-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: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	5.5	5.2	5.3	5.4	5.5	5.6	5.4	5.2	5.0	4.8
85°	15.7	15.3	14.9	14.5	14.1	13.7	13.3	12.6	11.9	11.2	10.5
82.5°	27.6	26.8	25.9	25.2	24.4	23.5	22.6	21.6	20.4	19.0	17.6
80°	41.9	40.6	39.2	38.2	36.9	35.5	34.0	32.5	30.9	29.5	27.9
77.5°	57.6	56.3	54.7	53.1	51.4	49.7	47.7	45.6	43.3	41.1	38.7
75°	73.8	72.3	70.6	68.7	66.5	64.1	61.5	58.9	56.1	53.1	50.0
72.5°	90.5	88.4	86.2	84.0	81.6	79.0	76.1	72.9	69.4	65.7	61.9
70°	106.8	104.6	102.1	99.4	96.4	93.3	90.2	86.9	83.4	79.4	74.7
67.5°	122.3	119.8	117.2	114.2	110.9	107.3	103.8	100.0	96.1	91.9	87.1
65°	137.1	134.2	131.5	128.5	125.1	121.3	117.3	113.1	108.6	103.9	98.7
62.5°	150.6	148.2	145.4	142.0	138.5	134.8	130.5	125.7	120.8	115.7	110.0
60°	161.8	159.5	156.7	153.6	150.3	146.7	142.2	137.4	132.4	126.8	120.9
57.5°	170.9	168.6	166.1	163.3	160.3	156.7	152.5	148.1	142.9	137.2	131.2
55°	177.8	176.1	174.0	171.6	168.7	165.2	161.5	157.3	152.3	147.1	140.7
52.5°	184.0	182.5	180.8	178.9	176.1	172.7	169.2	165.0	160.6	155.3	149.5
50°	193.0	190.0	187.2	184.7	182.1	179.0	175.4	171.7	167.6	162.6	157.1
47.5°	204.4	199.6	194.8	191.1	188.0	184.6	181.1	177.3	173.5	169.1	163.6
45°	216.3	210.7	204.5	199.3	194.4	190.5	186.7	182.9	179.0	174.6	169.6
42.5°	229.0	223.0	216.0	209.3	202.6	197.2	192.4	188.5	184.1	179.8	174.7
40°	246.7	237.4	230.0	221.2	213.0	205.0	199.6	194.2	189.5	184.6	179.6
37.5°	270.3	259.4	247.9	236.5	225.9	215.7	208.0	201.4	195.1	189.7	184.0
35°	297.5	283.4	268.9	254.7	241.5	229.0	218.0	209.4	202.1	195.3	188.7
32.5°	333.0	312.8	293.6	275.8	258.3	243.1	229.8	218.6	209.6	201.8	194.1
30°	372.1	345.8	320.7	299.8	278.5	259.1	241.6	228.4	217.9	208.8	199.8
27.5°	435.5	384.8	352.6	324.0	299.5	276.9	256.0	237.1	225.5	215.9	206.1
25°	573.1	452.2	393.2	354.7	322.9	293.9	270.1	248.4	232.3	221.8	209.4
22.5°	836.6	606.3	454.6	387.6	348.8	314.0	284.3	260.0	237.6	224.5	211.7
20°	1358.8	841.8	582.3	442.0	377.2	333.7	298.7	271.2	246.4	227.4	213.3
17.5°	2064.5	1299.8	743.8	512.6	415.2	358.3	314.8	281.5	254.4	230.7	214.2
15°	2820.4	1819.8	1082.2	645.7	455.3	379.0	328.2	291.0	261.7	235.6	216.6
12.5°	3682.9	2364.2	1394.4	753.7	502.5	402.1	342.9	301.5	269.1	241.4	220.4
10°	4455.3	2914.3	1754.3	978.0	581.5	425.4	356.6	310.7	275.9	246.2	223.4
7.5°	5084.9	3433.3	2080.0	1145.1	640.9	443.8	368.1	318.5	281.6	249.7	225.5
5°	5487.5	3816.1	2339.5	1270.2	682.3	456.0	375.9	324.4	285.8	252.0	226.8
2.5°	5772.7	4069.6	2503.7	1343.1	704.3	462.6	381.4	327.9	288.9	254.7	229.1
0°	5786.7	4155.5	2559.3	1406.3	708.8	464.6	385.5	329.0	290.5	256.6	230.6
-2.5°	5772.7	4069.6	2503.7	1343.1	704.3	462.6	381.4	327.9	288.9	254.7	229.1
-5°	5487.5	3816.1	2339.5	1270.2	682.3	456.0	375.9	324.4	285.8	252.0	226.8
-7.5°	5084.9	3433.3	2080.0	1145.1	640.9	443.8	368.1	318.5	281.6	249.7	225.5
-10°	4455.3	2914.3	1754.3	978.0	581.5	425.4	356.6	310.7	275.9	246.2	223.4
-12.5°	3682.9	2364.2	1394.4	753.7	502.5	402.1	342.9	301.5	269.1	241.4	220.4
-15°	2820.4	1819.8	1082.2	645.7	455.3	379.0	328.2	291.0	261.7	235.6	216.6
-17.5°	2064.5	1299.8	743.8	512.6	415.2	358.3	314.8	281.5	254.4	230.7	214.2
-20°	1358.8	841.8	582.3	442.0	377.2	333.7	298.7	271.2	246.4	227.4	213.3



REPORT NUMBER: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	836.6	606.3	454.6	387.6	348.8	314.0	284.3	260.0	237.6	224.5	211.7
-25°	573.1	452.2	393.2	354.7	322.9	293.9	270.1	248.4	232.3	221.8	209.4
-27.5°	435.5	384.8	352.6	324.0	299.5	276.9	256.0	237.1	225.5	215.9	206.1
-30°	372.1	345.8	320.7	299.8	278.5	259.1	241.6	228.4	217.9	208.8	199.8
-32.5°	333.0	312.8	293.6	275.8	258.3	243.1	229.8	218.6	209.6	201.8	194.1
-35°	297.5	283.4	268.9	254.7	241.5	229.0	218.0	209.4	202.1	195.3	188.7
-37.5°	270.3	259.4	247.9	236.5	225.9	215.7	208.0	201.4	195.1	189.7	184.0
-40°	246.7	237.4	230.0	221.2	213.0	205.0	199.6	194.2	189.5	184.6	179.6
-42.5°	229.0	223.0	216.0	209.3	202.6	197.2	192.4	188.5	184.1	179.8	174.7
-45°	216.3	210.7	204.5	199.3	194.4	190.5	186.7	182.9	179.0	174.6	169.6
-47.5°	204.4	199.6	194.8	191.1	188.0	184.6	181.1	177.3	173.5	169.1	163.6
-50°	193.0	190.0	187.2	184.7	182.1	179.0	175.4	171.7	167.6	162.6	157.1
-52.5°	184.0	182.5	180.8	178.9	176.1	172.7	169.2	165.0	160.6	155.3	149.5
-55°	177.8	176.1	174.0	171.6	168.7	165.2	161.5	157.3	152.3	147.1	140.7
-57.5°	170.9	168.6	166.1	163.3	160.3	156.7	152.5	148.1	142.9	137.2	131.2
-60°	161.8	159.5	156.7	153.6	150.3	146.7	142.2	137.4	132.4	126.8	120.9
-62.5°	150.6	148.2	145.4	142.0	138.5	134.8	130.5	125.7	120.8	115.7	110.0
-65°	137.1	134.2	131.5	128.5	125.1	121.3	117.3	113.1	108.6	103.9	98.7
-67.5°	122.3	119.8	117.2	114.2	110.9	107.3	103.8	100.0	96.1	91.9	87.1
-70°	106.8	104.6	102.1	99.4	96.4	93.3	90.2	86.9	83.4	79.4	74.7
-72.5°	90.5	88.4	86.2	84.0	81.6	79.0	76.1	72.9	69.4	65.7	61.9
-75°	73.8	72.3	70.6	68.7	66.5	64.1	61.5	58.9	56.1	53.1	50.0
-77.5°	57.6	56.3	54.7	53.1	51.4	49.7	47.7	45.6	43.3	41.1	38.7
-80°	41.9	40.6	39.2	38.2	36.9	35.5	34.0	32.5	30.9	29.5	27.9
-82.5°	27.6	26.8	25.9	25.2	24.4	23.5	22.6	21.6	20.4	19.0	17.6
-85°	15.7	15.3	14.9	14.5	14.1	13.7	13.3	12.6	11.9	11.2	10.5
-87.5°	5.9	5.5	5.2	5.3	5.4	5.5	5.6	5.4	5.2	5.0	4.8
-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: P558735 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-935-U-NR-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°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
85°	10.1	9.5	8.9	8.3	7.6	6.8	6.3	5.7	5.2	4.6	4.1
82.5°	16.5	15.7	15.0	14.1	13.2	12.2	11.0	9.8	8.4	7.1	6.1
80°	26.1	24.4	22.6	20.9	19.2	17.5	16.1	14.5	12.6	10.7	8.9
77.5°	36.2	33.6	31.0	28.5	26.2	23.9	21.6	19.3	16.7	14.3	11.9
75°	46.8	43.6	40.4	37.1	33.6	30.2	27.3	24.4	21.2	17.9	15.0
72.5°	58.3	54.4	50.2	45.9	41.9	37.8	33.5	29.5	25.9	22.2	18.2
70°	70.0	65.5	60.8	55.7	50.5	45.3	40.5	35.6	30.6	26.4	22.0
67.5°	81.9	76.4	71.0	65.4	59.4	53.5	47.5	41.9	36.3	30.6	25.7
65°	93.1	87.1	80.8	74.5	68.1	61.5	54.8	48.3	41.9	35.6	29.4
62.5°	104.1	97.8	90.9	83.6	76.5	69.3	62.0	54.8	47.5	40.5	33.5
60°	114.7	107.9	100.7	92.7	84.8	76.9	69.1	61.3	53.3	45.3	37.8
57.5°	124.6	117.7	109.8	101.5	93.0	84.4	76.0	67.5	59.0	50.3	41.9
55°	134.1	126.7	118.5	109.9	100.8	91.6	82.7	73.7	64.5	55.2	45.9
52.5°	142.8	135.1	126.7	117.9	108.4	98.7	89.4	79.7	69.9	60.0	50.0
50°	150.7	143.0	134.4	125.3	115.7	105.7	95.9	85.6	75.1	64.7	54.2
47.5°	157.6	150.0	141.5	132.3	122.4	112.5	102.1	91.5	80.2	69.1	58.2
45°	163.5	156.5	148.1	138.7	129.0	118.7	108.0	97.2	85.3	73.5	62.0
42.5°	169.1	162.2	154.1	144.9	135.2	124.8	113.6	102.3	90.3	77.7	65.7
40°	173.8	167.4	159.8	150.7	141.2	130.6	118.9	107.1	95.0	81.8	69.3
37.5°	178.3	172.0	164.5	156.6	146.9	136.0	124.1	111.6	99.4	85.9	72.6
35°	182.5	176.0	169.5	161.7	152.1	141.1	129.1	115.9	103.2	89.6	75.8
32.5°	186.6	179.8	173.3	166.0	157.2	146.1	133.7	120.1	106.8	93.1	78.8
30°	191.2	183.3	176.7	169.9	161.8	150.6	137.8	123.9	110.1	96.4	81.6
27.5°	194.9	186.1	179.7	173.1	165.2	154.8	141.4	127.3	113.2	99.3	84.3
25°	198.0	188.8	182.0	175.7	168.3	158.1	144.7	130.4	116.1	101.8	86.7
22.5°	200.4	191.1	183.8	178.1	171.2	161.2	147.6	133.1	118.6	104.2	88.9
20°	201.7	192.8	185.2	180.1	173.7	163.4	150.1	135.5	120.8	106.2	90.9
17.5°	202.2	194.0	186.8	181.5	175.5	165.6	152.2	137.6	122.7	108.1	92.6
15°	204.1	195.1	188.1	182.6	177.1	167.8	154.1	139.4	124.3	109.7	94.1
12.5°	206.1	196.0	188.9	183.5	178.4	169.9	155.6	140.9	125.6	111.1	95.4
10°	207.8	196.6	189.3	184.3	179.4	171.9	156.8	142.1	126.9	112.2	96.4
7.5°	209.2	196.9	189.4	184.8	180.2	173.4	157.9	143.0	128.1	113.1	97.3
5°	210.3	197.0	189.4	185.1	181.0	174.4	158.7	143.5	129.0	113.7	97.8
2.5°	211.1	197.0	189.2	185.3	181.6	175.0	159.2	143.7	129.6	114.1	98.2
0°	211.4	196.7	188.8	185.4	182.0	175.2	159.4	143.6	130.0	114.2	98.3
-2.5°	211.1	197.0	189.2	185.3	181.6	175.0	159.2	143.7	129.6	114.1	98.2
-5°	210.3	197.0	189.4	185.1	181.0	174.4	158.7	143.5	129.0	113.7	97.8
-7.5°	209.2	196.9	189.4	184.8	180.2	173.4	157.9	143.0	128.1	113.1	97.3
-10°	207.8	196.6	189.3	184.3	179.4	171.9	156.8	142.1	126.9	112.2	96.4
-12.5°	206.1	196.0	188.9	183.5	178.4	169.9	155.6	140.9	125.6	111.1	95.4
-15°	204.1	195.1	188.1	182.6	177.1	167.8	154.1	139.4	124.3	109.7	94.1
-17.5°	202.2	194.0	186.8	181.5	175.5	165.6	152.2	137.6	122.7	108.1	92.6
-20°	201.7	192.8	185.2	180.1	173.7	163.4	150.1	135.5	120.8	106.2	90.9



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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°	200.4	191.1	183.8	178.1	171.2	161.2	147.6	133.1	118.6	104.2	88.9
-25°	198.0	188.8	182.0	175.7	168.3	158.1	144.7	130.4	116.1	101.8	86.7
-27.5°	194.9	186.1	179.7	173.1	165.2	154.8	141.4	127.3	113.2	99.3	84.3
-30°	191.2	183.3	176.7	169.9	161.8	150.6	137.8	123.9	110.1	96.4	81.6
-32.5°	186.6	179.8	173.3	166.0	157.2	146.1	133.7	120.1	106.8	93.1	78.8
-35°	182.5	176.0	169.5	161.7	152.1	141.1	129.1	115.9	103.2	89.6	75.8
-37.5°	178.3	172.0	164.5	156.6	146.9	136.0	124.1	111.6	99.4	85.9	72.6
-40°	173.8	167.4	159.8	150.7	141.2	130.6	118.9	107.1	95.0	81.8	69.3
-42.5°	169.1	162.2	154.1	144.9	135.2	124.8	113.6	102.3	90.3	77.7	65.7
-45°	163.5	156.5	148.1	138.7	129.0	118.7	108.0	97.2	85.3	73.5	62.0
-47.5°	157.6	150.0	141.5	132.3	122.4	112.5	102.1	91.5	80.2	69.1	58.2
-50°	150.7	143.0	134.4	125.3	115.7	105.7	95.9	85.6	75.1	64.7	54.2
-52.5°	142.8	135.1	126.7	117.9	108.4	98.7	89.4	79.7	69.9	60.0	50.0
-55°	134.1	126.7	118.5	109.9	100.8	91.6	82.7	73.7	64.5	55.2	45.9
-57.5°	124.6	117.7	109.8	101.5	93.0	84.4	76.0	67.5	59.0	50.3	41.9
-60°	114.7	107.9	100.7	92.7	84.8	76.9	69.1	61.3	53.3	45.3	37.8
-62.5°	104.1	97.8	90.9	83.6	76.5	69.3	62.0	54.8	47.5	40.5	33.5
-65°	93.1	87.1	80.8	74.5	68.1	61.5	54.8	48.3	41.9	35.6	29.4
-67.5°	81.9	76.4	71.0	65.4	59.4	53.5	47.5	41.9	36.3	30.6	25.7
-70°	70.0	65.5	60.8	55.7	50.5	45.3	40.5	35.6	30.6	26.4	22.0
-72.5°	58.3	54.4	50.2	45.9	41.9	37.8	33.5	29.5	25.9	22.2	18.2
-75°	46.8	43.6	40.4	37.1	33.6	30.2	27.3	24.4	21.2	17.9	15.0
-77.5°	36.2	33.6	31.0	28.5	26.2	23.9	21.6	19.3	16.7	14.3	11.9
-80°	26.1	24.4	22.6	20.9	19.2	17.5	16.1	14.5	12.6	10.7	8.9
-82.5°	16.5	15.7	15.0	14.1	13.2	12.2	11.0	9.8	8.4	7.1	6.1
-85°	10.1	9.5	8.9	8.3	7.6	6.8	6.3	5.7	5.2	4.6	4.1
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	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):**

	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°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	7.1	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	9.7	7.6	5.9	4.4	2.9	1.5	0.0
75°	12.3	9.8	7.1	5.3	3.5	1.8	0.0
72.5°	14.9	12.0	8.9	6.1	4.1	2.0	0.0
70°	17.5	14.2	10.7	7.1	4.6	2.3	0.0
67.5°	20.8	16.3	12.5	8.4	5.2	2.6	0.0
65°	24.0	18.7	14.2	9.7	5.7	2.9	0.0
62.5°	27.1	21.3	15.9	11.0	6.3	3.1	0.0
60°	30.2	23.8	17.6	12.3	6.8	3.4	0.0
57.5°	33.6	26.2	19.5	13.6	7.6	3.7	0.0
55°	37.1	28.6	21.4	14.8	8.5	3.9	0.0
52.5°	40.4	31.0	23.2	16.0	9.2	4.1	0.0
50°	43.6	33.6	25.0	17.2	10.0	4.4	0.0
47.5°	46.8	36.2	26.6	18.3	10.8	4.6	0.0
45°	50.1	38.7	28.2	19.5	11.5	4.8	0.0
42.5°	53.3	41.1	29.8	20.7	12.2	5.0	0.0
40°	56.4	43.4	31.4	21.8	12.8	5.2	0.0
37.5°	59.3	45.6	33.1	22.8	13.4	5.4	0.0
35°	62.2	47.8	34.8	23.7	14.0	5.6	0.0
32.5°	64.8	50.0	36.3	24.6	14.6	5.7	0.0
30°	67.2	52.1	37.8	25.5	15.1	5.9	0.0
27.5°	69.4	54.0	39.1	26.3	15.5	6.0	0.0
25°	71.5	55.8	40.4	27.0	16.0	6.2	0.0
22.5°	73.4	57.4	41.6	27.7	16.4	6.3	0.0
20°	75.1	58.9	42.7	28.2	16.7	6.4	0.0
17.5°	76.6	60.2	43.7	28.8	17.1	6.5	0.0
15°	77.8	61.3	44.6	29.2	17.3	6.6	0.0
12.5°	78.9	62.3	45.4	29.6	17.6	6.6	0.0
10°	79.8	63.1	46.1	29.9	17.8	6.7	0.0
7.5°	80.5	63.6	46.6	30.2	17.9	6.7	0.0
5°	81.0	64.1	47.0	30.4	18.0	6.8	0.0
2.5°	81.3	64.3	47.3	30.5	18.1	6.8	0.0
0°	81.4	64.4	47.5	30.5	18.1	6.8	0.0
-2.5°	81.3	64.3	47.3	30.5	18.1	6.8	0.0
-5°	81.0	64.1	47.0	30.4	18.0	6.8	0.0
-7.5°	80.5	63.6	46.6	30.2	17.9	6.7	0.0
-10°	79.8	63.1	46.1	29.9	17.8	6.7	0.0
-12.5°	78.9	62.3	45.4	29.6	17.6	6.6	0.0
-15°	77.8	61.3	44.6	29.2	17.3	6.6	0.0
-17.5°	76.6	60.2	43.7	28.8	17.1	6.5	0.0
-20°	75.1	58.9	42.7	28.2	16.7	6.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	73.4	57.4	41.6	27.7	16.4	6.3	0.0
-25°	71.5	55.8	40.4	27.0	16.0	6.2	0.0
-27.5°	69.4	54.0	39.1	26.3	15.5	6.0	0.0
-30°	67.2	52.1	37.8	25.5	15.1	5.9	0.0
-32.5°	64.8	50.0	36.3	24.6	14.6	5.7	0.0
-35°	62.2	47.8	34.8	23.7	14.0	5.6	0.0
-37.5°	59.3	45.6	33.1	22.8	13.4	5.4	0.0
-40°	56.4	43.4	31.4	21.8	12.8	5.2	0.0
-42.5°	53.3	41.1	29.8	20.7	12.2	5.0	0.0
-45°	50.1	38.7	28.2	19.5	11.5	4.8	0.0
-47.5°	46.8	36.2	26.6	18.3	10.8	4.6	0.0
-50°	43.6	33.6	25.0	17.2	10.0	4.4	0.0
-52.5°	40.4	31.0	23.2	16.0	9.2	4.1	0.0
-55°	37.1	28.6	21.4	14.8	8.5	3.9	0.0
-57.5°	33.6	26.2	19.5	13.6	7.6	3.7	0.0
-60°	30.2	23.8	17.6	12.3	6.8	3.4	0.0
-62.5°	27.1	21.3	15.9	11.0	6.3	3.1	0.0
-65°	24.0	18.7	14.2	9.7	5.7	2.9	0.0
-67.5°	20.8	16.3	12.5	8.4	5.2	2.6	0.0
-70°	17.5	14.2	10.7	7.1	4.6	2.3	0.0
-72.5°	14.9	12.0	8.9	6.1	4.1	2.0	0.0
-75°	12.3	9.8	7.1	5.3	3.5	1.8	0.0
-77.5°	9.7	7.6	5.9	4.4	2.9	1.5	0.0
-80°	7.1	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)