

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: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558711 (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-SA2D-940-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

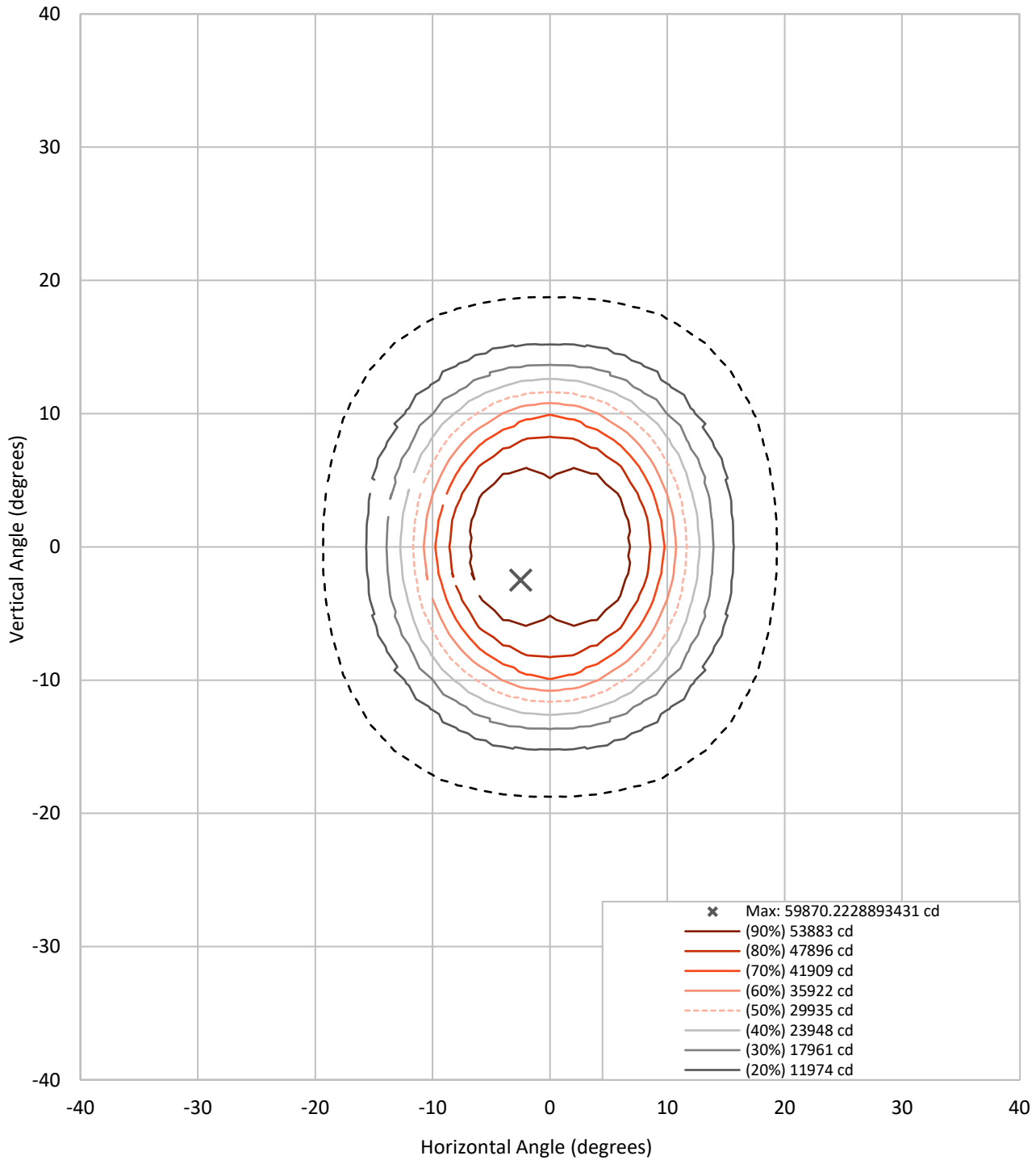
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	11321.4 lumens	Max Intensity:	59870.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	102.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	6112 lumens	Field Lumens:	9217.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 110  
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





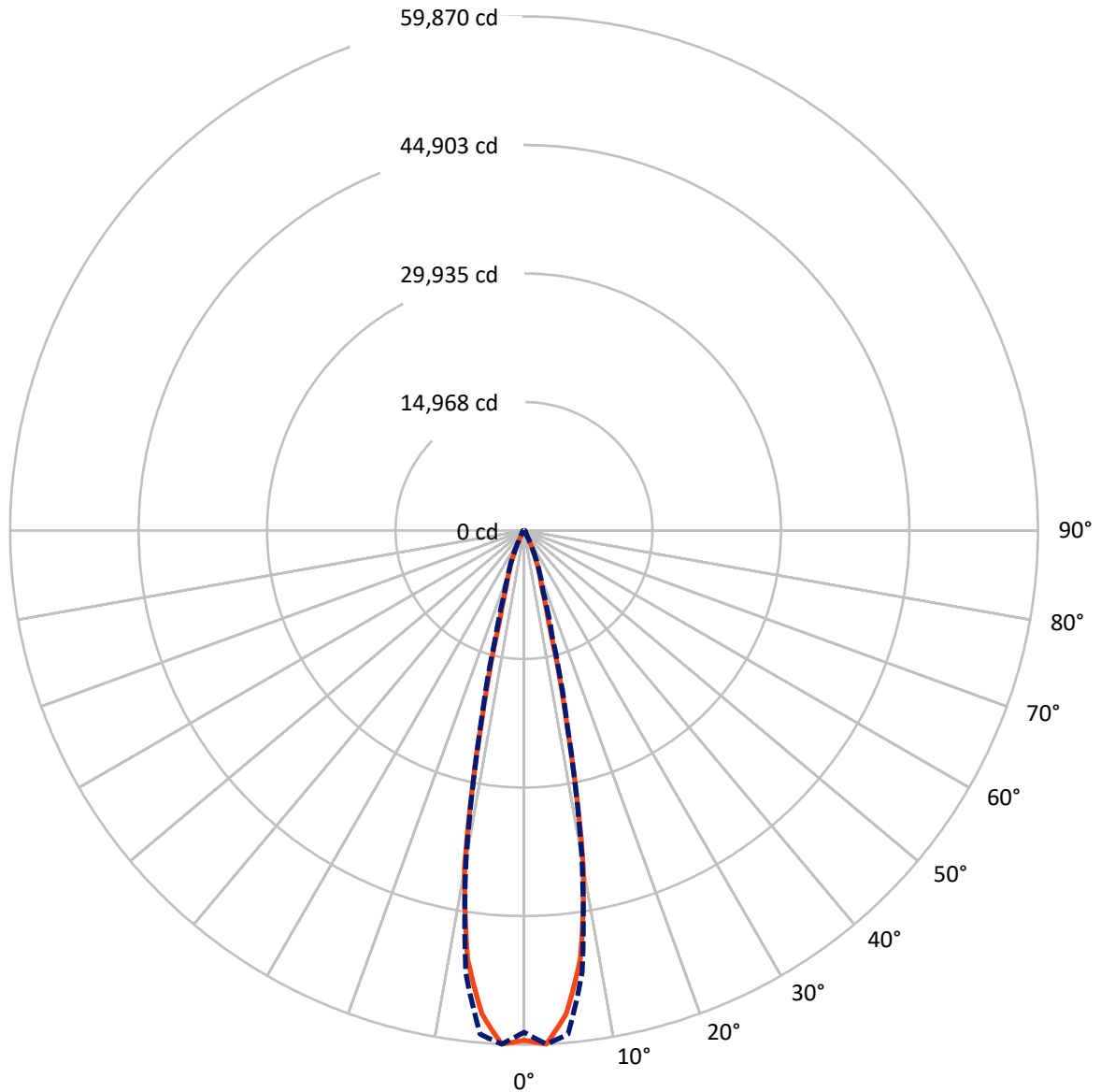
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### Lumen Table

90	0.1	1.1		3.0		4.9		5.7		4.9		3.0		1.1		0.1			
80	0.1	1.1		3.0		4.9		5.7		4.9		3.0		1.1		0.1			
70	0.5	0.6	1.2	2.0	2.7	3.4	3.9	4.1	4.1	3.9	3.4	2.7	2.0	1.2	0.6	0.5			
60		0.9	1.8	2.8	3.7	4.5	5.0	5.2	5.2	5.0	4.5	3.7	2.8	1.8	0.9				
50	1.0	1.2	2.3	3.4	4.4	5.3	6.1	6.5	6.5	6.1	5.3	4.4	3.4	2.3	1.2	1.0			
40		1.4	2.6	3.8	5.2	7.0	9.3	11.1	11.1	9.3	7.0	5.2	3.8	2.6	1.4				
30	1.3	1.6	2.9	4.2	6.4	11.6	34.8	67.7	67.7	34.8	11.6	6.4	4.2	2.9	1.6	1.3			
20		1.7	3.0	4.5	8.0	34.3	158.5	407.6	407.6	158.5	34.3	8.0	4.5	3.0	1.7				
10	1.4	1.8	3.0	4.7	9.6	66.9	412.7	1458.2	1458.2	412.7	66.9	9.6	4.7	3.0	1.8	1.4			
0		1.8	3.0	4.7	9.6	66.9	412.7	1458.2	1458.2	412.7	66.9	9.6	4.7	3.0	1.8				
-10	1.3	1.7	3.0	4.5	8.0	34.3	158.5	407.6	407.6	158.5	34.3	8.0	4.5	3.0	1.7	1.3			
-20		1.6	2.9	4.2	6.4	11.6	34.8	67.7	67.7	34.8	11.6	6.4	4.2	2.9	1.6				
-30	1.0	1.4	2.6	3.8	5.2	7.0	9.3	11.1	11.1	9.3	7.0	5.2	3.8	2.6	1.4	1.0			
-40		1.2	2.3	3.4	4.4	5.3	6.1	6.5	6.5	6.1	5.3	4.4	3.4	2.3	1.2				
-50	0.5	0.9	1.8	2.8	3.7	4.5	5.0	5.2	5.2	5.0	4.5	3.7	2.8	1.8	0.9	0.5			
-60		0.6	1.2	2.0	2.7	3.4	3.9	4.1	4.1	3.9	3.4	2.7	2.0	1.2	0.6				
-70	0.1	1.1		3.0		4.9		5.7		4.9		3.0		1.1		0.1			
-80		1.1		3.0		4.9		5.7		4.9		3.0		1.1					
-90	0.1	1.1		3.0		4.9		5.7		4.9		3.0		1.1		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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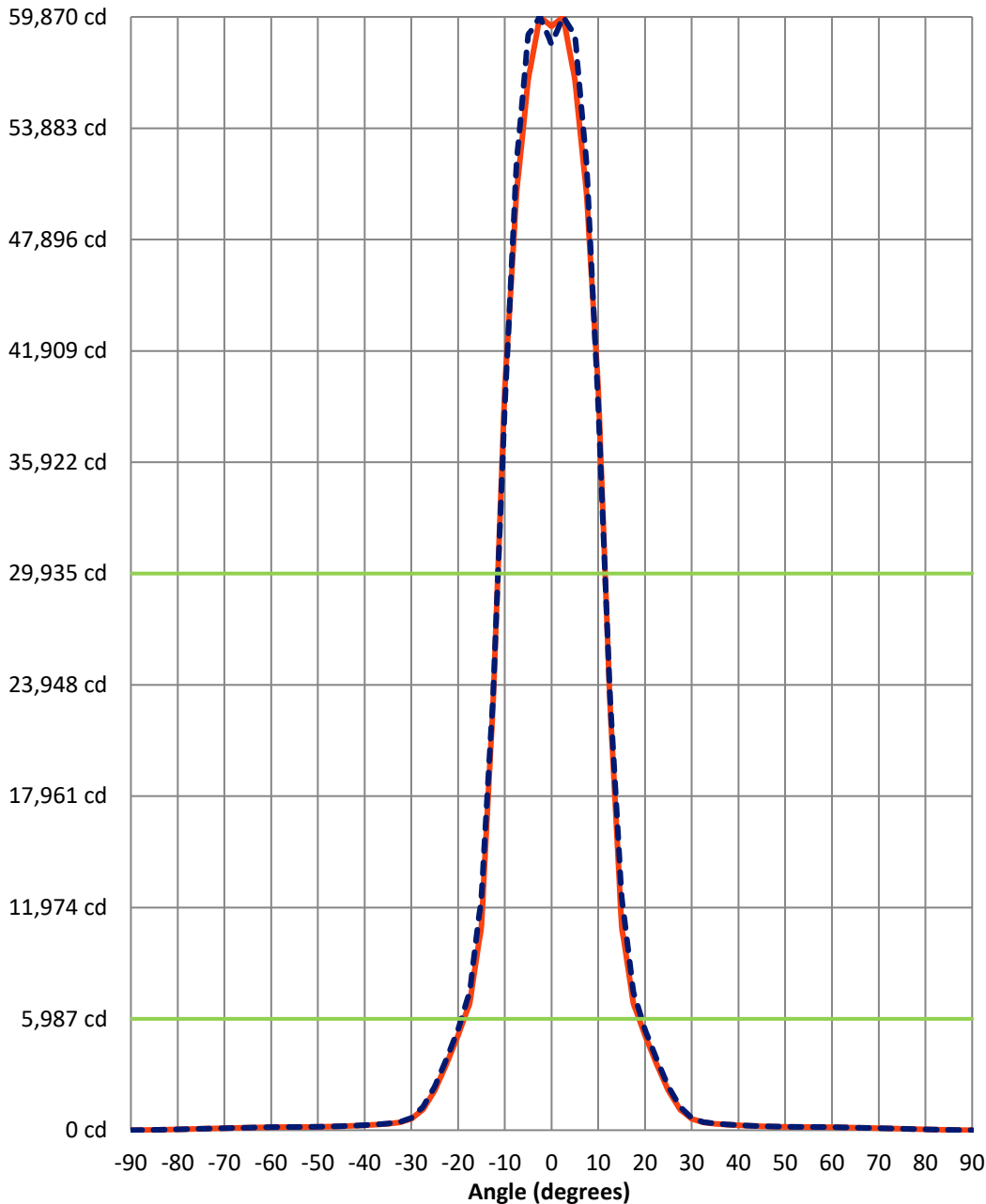
### Luminous Intensity Polar Plot



— 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: 6112  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 9217.3  
Efficiency: 81.4%

**Spill:**  
Lumens: 2104.1  
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	0.8	1.1	1.4	1.7	1.9	2.2	2.4	2.7
85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.9	9.2
80°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	8.3	10.0	11.8	13.6
77.5°	0.0	1.4	2.8	4.1	5.5	7.1	9.1	11.2	13.4	15.6	18.0
75°	0.0	1.7	3.3	5.0	6.7	9.2	11.5	14.0	16.7	19.9	22.9
72.5°	0.0	1.9	3.8	5.8	8.4	11.2	13.9	17.0	20.8	24.3	27.7
70°	0.0	2.2	4.4	6.6	10.0	13.3	16.4	20.6	24.7	28.7	33.4
67.5°	0.0	2.4	4.9	7.9	11.7	15.3	19.5	24.1	28.7	34.1	39.3
65°	0.0	2.7	5.4	9.1	13.3	17.5	22.5	27.6	33.4	39.3	45.2
62.5°	0.0	3.0	5.9	10.3	14.9	19.9	25.4	31.4	38.0	44.5	51.4
60°	0.0	3.2	6.4	11.5	16.5	22.3	28.3	35.4	42.5	50.0	57.4
57.5°	0.0	3.4	7.2	12.7	18.3	24.6	31.5	39.2	47.1	55.3	63.3
55°	0.0	3.7	7.9	13.9	20.0	26.8	34.7	43.0	51.8	60.4	69.0
52.5°	0.0	3.9	8.7	15.0	21.7	29.0	37.9	46.9	56.2	65.5	74.6
50°	0.0	4.1	9.4	16.0	23.4	31.5	40.9	50.8	60.6	70.4	80.2
47.5°	0.0	4.3	10.1	17.1	25.0	34.0	43.9	54.5	64.8	75.1	85.7
45°	0.0	4.5	10.7	18.3	26.5	36.3	47.0	58.1	68.9	79.9	91.0
42.5°	0.0	4.7	11.4	19.3	27.9	38.6	50.0	61.6	72.8	84.5	95.8
40°	0.0	4.9	12.0	20.4	29.5	40.7	52.9	64.9	76.6	89.0	100.3
37.5°	0.0	5.1	12.6	21.3	31.1	42.7	55.6	68.0	80.4	93.1	104.5
35°	0.0	5.2	13.1	22.2	32.6	44.8	58.3	71.0	83.9	96.7	108.6
32.5°	0.0	5.4	13.6	23.1	34.1	46.9	60.7	73.8	87.3	100.0	112.5
30°	0.0	5.5	14.1	23.9	35.4	48.8	63.0	76.4	90.3	103.2	116.1
27.5°	0.0	5.7	14.5	24.6	36.7	50.6	65.1	78.9	93.1	106.1	119.3
25°	0.0	5.8	14.9	25.3	37.9	52.3	67.0	81.2	95.4	108.7	122.1
22.5°	0.0	5.9	15.3	25.9	39.0	53.8	68.7	83.3	97.6	111.1	124.6
20°	0.0	6.0	15.6	26.5	40.1	55.2	70.3	85.1	99.5	113.2	126.9
17.5°	0.0	6.1	15.9	27.0	41.0	56.5	71.7	86.8	101.3	115.0	128.9
15°	0.0	6.2	16.2	27.4	41.8	57.5	72.9	88.2	102.8	116.4	130.5
12.5°	0.0	6.2	16.4	27.8	42.5	58.4	73.9	89.4	104.1	117.6	131.9
10°	0.0	6.3	16.6	28.1	43.2	59.1	74.7	90.4	105.1	118.9	133.1
7.5°	0.0	6.3	16.7	28.3	43.7	59.7	75.4	91.1	105.9	120.0	133.9
5°	0.0	6.4	16.8	28.5	44.1	60.1	75.8	91.7	106.5	120.8	134.4
2.5°	0.0	6.4	16.9	28.6	44.3	60.3	76.1	92.0	106.9	121.4	134.6
0°	0.0	6.4	16.9	28.6	44.5	60.4	76.2	92.1	107.0	121.8	134.5
-2.5°	0.0	6.4	16.9	28.6	44.5	60.4	76.2	92.1	107.0	121.8	134.5
-5°	0.0	6.4	16.8	28.5	44.1	60.1	75.8	91.7	106.5	120.8	134.4
-7.5°	0.0	6.3	16.7	28.3	43.7	59.7	75.4	91.1	105.9	120.0	133.9
-10°	0.0	6.3	16.6	28.1	43.2	59.1	74.7	90.4	105.1	118.9	133.1
-12.5°	0.0	6.2	16.4	27.8	42.5	58.4	73.9	89.4	104.1	117.6	131.9
-15°	0.0	6.2	16.2	27.4	41.8	57.5	72.9	88.2	102.8	116.4	130.5
-17.5°	0.0	6.1	15.9	27.0	41.0	56.5	71.7	86.8	101.3	115.0	128.9
-20°	0.0	6.0	15.6	26.5	40.1	55.2	70.3	85.1	99.5	113.2	126.9



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 CATALOG NUMBER: GFLD-SA2D-940-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	5.9	15.3	25.9	39.0	53.8	68.7	83.3	97.6	111.1	124.6
-25°	0.0	5.8	14.9	25.3	37.9	52.3	67.0	81.2	95.4	108.7	122.1
-27.5°	0.0	5.7	14.5	24.6	36.7	50.6	65.1	78.9	93.1	106.1	119.3
-30°	0.0	5.5	14.1	23.9	35.4	48.8	63.0	76.4	90.3	103.2	116.1
-32.5°	0.0	5.4	13.6	23.1	34.1	46.9	60.7	73.8	87.3	100.0	112.5
-35°	0.0	5.2	13.1	22.2	32.6	44.8	58.3	71.0	83.9	96.7	108.6
-37.5°	0.0	5.1	12.6	21.3	31.1	42.7	55.6	68.0	80.4	93.1	104.5
-40°	0.0	4.9	12.0	20.4	29.5	40.7	52.9	64.9	76.6	89.0	100.3
-42.5°	0.0	4.7	11.4	19.3	27.9	38.6	50.0	61.6	72.8	84.5	95.8
-45°	0.0	4.5	10.7	18.3	26.5	36.3	47.0	58.1	68.9	79.9	91.0
-47.5°	0.0	4.3	10.1	17.1	25.0	34.0	43.9	54.5	64.8	75.1	85.7
-50°	0.0	4.1	9.4	16.0	23.4	31.5	40.9	50.8	60.6	70.4	80.2
-52.5°	0.0	3.9	8.7	15.0	21.7	29.0	37.9	46.9	56.2	65.5	74.6
-55°	0.0	3.7	7.9	13.9	20.0	26.8	34.7	43.0	51.8	60.4	69.0
-57.5°	0.0	3.4	7.2	12.7	18.3	24.6	31.5	39.2	47.1	55.3	63.3
-60°	0.0	3.2	6.4	11.5	16.5	22.3	28.3	35.4	42.5	50.0	57.4
-62.5°	0.0	3.0	5.9	10.3	14.9	19.9	25.4	31.4	38.0	44.5	51.4
-65°	0.0	2.7	5.4	9.1	13.3	17.5	22.5	27.6	33.4	39.3	45.2
-67.5°	0.0	2.4	4.9	7.9	11.7	15.3	19.5	24.1	28.7	34.1	39.3
-70°	0.0	2.2	4.4	6.6	10.0	13.3	16.4	20.6	24.7	28.7	33.4
-72.5°	0.0	1.9	3.8	5.8	8.4	11.2	13.9	17.0	20.8	24.3	27.7
-75°	0.0	1.7	3.3	5.0	6.7	9.2	11.5	14.0	16.7	19.9	22.9
-77.5°	0.0	1.4	2.8	4.1	5.5	7.1	9.1	11.2	13.4	15.6	18.0
-80°	0.0	1.1	2.2	3.3	4.4	5.5	6.7	8.3	10.0	11.8	13.6
-82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.6	7.9	9.2
-85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.4	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
85°	5.9	6.4	7.1	7.8	8.4	9.0	9.4	9.9	10.5	11.1	11.8
82.5°	10.3	11.4	12.3	13.2	14.0	14.7	15.4	16.5	17.8	19.1	20.2
80°	15.0	16.4	17.9	19.6	21.2	22.8	24.5	26.1	27.6	29.0	30.4
77.5°	20.2	22.3	24.5	26.7	29.0	31.5	34.0	36.3	38.5	40.6	42.7
75°	25.6	28.3	31.5	34.7	37.9	40.9	43.9	46.9	49.8	52.5	55.2
72.5°	31.4	35.4	39.2	43.0	47.1	51.0	54.6	58.0	61.5	65.1	68.3
70°	38.0	42.5	47.3	52.2	57.0	61.4	65.6	70.0	74.4	78.1	81.4
67.5°	44.5	50.1	55.7	61.3	66.5	71.5	76.7	81.6	86.1	90.0	93.7
65°	51.4	57.6	63.8	69.8	75.6	81.6	87.2	92.5	97.4	101.8	106.0
62.5°	58.1	64.9	71.6	78.3	85.1	91.6	97.5	103.1	108.5	113.2	117.7
60°	64.7	72.0	79.4	86.9	94.3	101.1	107.5	113.3	118.8	124.0	128.7
57.5°	71.2	79.0	87.1	95.1	102.9	110.3	116.7	122.9	128.5	133.9	138.8
55°	77.5	85.8	94.5	103.0	111.1	118.7	125.6	131.8	137.8	142.6	147.3
52.5°	83.8	92.5	101.6	110.4	118.7	126.6	133.8	140.0	145.4	150.4	154.5
50°	89.9	99.1	108.4	117.4	125.9	133.9	141.1	147.1	152.3	156.9	160.8
47.5°	95.7	105.4	114.6	123.9	132.6	140.5	147.6	153.2	158.3	162.5	166.1
45°	101.2	111.3	120.9	129.9	138.7	146.6	153.1	158.8	163.5	167.7	171.3
42.5°	106.4	116.9	126.6	135.7	144.4	151.9	158.3	163.6	168.4	172.5	176.6
40°	111.4	122.4	132.2	141.1	149.7	156.8	162.8	168.2	172.9	177.5	181.9
37.5°	116.3	127.4	137.6	146.7	154.1	161.0	167.0	172.4	177.7	182.8	188.6
35°	120.9	132.2	142.5	151.4	158.7	164.8	170.9	176.8	182.9	189.3	196.2
32.5°	125.2	136.9	147.2	155.4	162.3	168.5	174.8	181.8	189.1	196.4	204.8
30°	129.1	141.0	151.5	159.2	165.5	171.7	179.1	187.2	195.7	204.1	213.9
27.5°	132.5	145.0	154.7	162.2	168.4	174.3	182.6	193.1	202.2	211.2	222.0
25°	135.6	148.1	157.7	164.7	170.5	176.9	185.5	196.2	207.8	217.6	232.7
22.5°	138.3	150.9	160.4	166.9	172.2	179.0	187.7	198.3	210.2	222.6	243.5
20°	140.6	153.0	162.7	168.8	173.5	180.6	189.0	199.8	213.1	230.8	254.0
17.5°	142.6	155.1	164.4	170.0	175.0	181.7	189.4	200.7	216.1	238.3	263.7
15°	144.3	157.2	165.9	171.1	176.2	182.8	191.2	203.0	220.7	245.2	272.6
12.5°	145.7	159.2	167.1	171.9	177.0	183.6	193.1	206.5	226.1	252.1	282.4
10°	146.8	161.0	168.0	172.6	177.4	184.2	194.7	209.3	230.7	258.5	291.1
7.5°	147.9	162.4	168.8	173.1	177.5	184.5	196.0	211.3	234.0	263.8	298.4
5°	148.7	163.4	169.5	173.5	177.4	184.6	197.0	212.5	236.1	267.7	303.9
2.5°	149.1	163.9	170.1	173.6	177.2	184.6	197.7	214.6	238.7	270.7	307.2
0°	149.3	164.1	170.5	173.7	176.8	184.3	198.0	216.0	240.4	272.1	308.2
-2.5°	149.1	163.9	170.1	173.6	177.2	184.6	197.7	214.6	238.7	270.7	307.2
-5°	148.7	163.4	169.5	173.5	177.4	184.6	197.0	212.5	236.1	267.7	303.9
-7.5°	147.9	162.4	168.8	173.1	177.5	184.5	196.0	211.3	234.0	263.8	298.4
-10°	146.8	161.0	168.0	172.6	177.4	184.2	194.7	209.3	230.7	258.5	291.1
-12.5°	145.7	159.2	167.1	171.9	177.0	183.6	193.1	206.5	226.1	252.1	282.4
-15°	144.3	157.2	165.9	171.1	176.2	182.8	191.2	203.0	220.7	245.2	272.6
-17.5°	142.6	155.1	164.4	170.0	175.0	181.7	189.4	200.7	216.1	238.3	263.7
-20°	140.6	153.0	162.7	168.8	173.5	180.6	189.0	199.8	213.1	230.8	254.0



REPORT NUMBER: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	138.3	150.9	160.4	166.9	172.2	179.0	187.7	198.3	210.2	222.6	243.5
-25°	135.6	148.1	157.7	164.7	170.5	176.9	185.5	196.2	207.8	217.6	232.7
-27.5°	132.5	145.0	154.7	162.2	168.4	174.3	182.6	193.1	202.2	211.2	222.0
-30°	129.1	141.0	151.5	159.2	165.5	171.7	179.1	187.2	195.7	204.1	213.9
-32.5°	125.2	136.9	147.2	155.4	162.3	168.5	174.8	181.8	189.1	196.4	204.8
-35°	120.9	132.2	142.5	151.4	158.7	164.8	170.9	176.8	182.9	189.3	196.2
-37.5°	116.3	127.4	137.6	146.7	154.1	161.0	167.0	172.4	177.7	182.8	188.6
-40°	111.4	122.4	132.2	141.1	149.7	156.8	162.8	168.2	172.9	177.5	181.9
-42.5°	106.4	116.9	126.6	135.7	144.4	151.9	158.3	163.6	168.4	172.5	176.6
-45°	101.2	111.3	120.9	129.9	138.7	146.6	153.1	158.8	163.5	167.7	171.3
-47.5°	95.7	105.4	114.6	123.9	132.6	140.5	147.6	153.2	158.3	162.5	166.1
-50°	89.9	99.1	108.4	117.4	125.9	133.9	141.1	147.1	152.3	156.9	160.8
-52.5°	83.8	92.5	101.6	110.4	118.7	126.6	133.8	140.0	145.4	150.4	154.5
-55°	77.5	85.8	94.5	103.0	111.1	118.7	125.6	131.8	137.8	142.6	147.3
-57.5°	71.2	79.0	87.1	95.1	102.9	110.3	116.7	122.9	128.5	133.9	138.8
-60°	64.7	72.0	79.4	86.9	94.3	101.1	107.5	113.3	118.8	124.0	128.7
-62.5°	58.1	64.9	71.6	78.3	85.1	91.6	97.5	103.1	108.5	113.2	117.7
-65°	51.4	57.6	63.8	69.8	75.6	81.6	87.2	92.5	97.4	101.8	106.0
-67.5°	44.5	50.1	55.7	61.3	66.5	71.5	76.7	81.6	86.1	90.0	93.7
-70°	38.0	42.5	47.3	52.2	57.0	61.4	65.6	70.0	74.4	78.1	81.4
-72.5°	31.4	35.4	39.2	43.0	47.1	51.0	54.6	58.0	61.5	65.1	68.3
-75°	25.6	28.3	31.5	34.7	37.9	40.9	43.9	46.9	49.8	52.5	55.2
-77.5°	20.2	22.3	24.5	26.7	29.0	31.5	34.0	36.3	38.5	40.6	42.7
-80°	15.0	16.4	17.9	19.6	21.2	22.8	24.5	26.1	27.6	29.0	30.4
-82.5°	10.3	11.4	12.3	13.2	14.0	14.7	15.4	16.5	17.8	19.1	20.2
-85°	5.9	6.4	7.1	7.8	8.4	9.0	9.4	9.9	10.5	11.1	11.8
-87.5°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
-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: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	5.2	5.2	5.1	4.9	4.8	5.1	5.5	5.8	6.2	6.2	6.3
85°	12.5	12.8	13.2	13.6	13.9	14.3	14.7	15.0	15.3	15.7	16.1
82.5°	21.2	22.0	22.8	23.5	24.2	25.0	25.8	26.6	27.3	27.7	28.0
80°	31.8	33.3	34.6	35.8	36.8	38.0	39.3	40.4	41.3	42.0	42.5
77.5°	44.8	46.5	48.2	49.8	51.3	52.7	53.9	54.9	55.7	56.6	57.5
75°	57.6	60.0	62.3	64.3	66.1	67.7	69.1	70.5	71.7	72.8	73.7
72.5°	71.3	74.0	76.4	78.7	80.8	82.8	84.8	86.5	87.9	89.2	90.2
70°	84.5	87.4	90.3	93.1	95.6	98.0	100.0	101.9	103.5	104.9	106.0
67.5°	97.2	100.6	103.9	107.0	109.8	112.2	114.5	116.7	118.7	120.2	121.2
65°	109.9	113.6	117.2	120.4	123.2	125.7	128.4	130.7	132.6	134.1	135.0
62.5°	122.2	126.2	129.7	133.0	136.2	138.9	141.1	143.2	145.1	146.7	147.7
60°	133.2	137.4	140.8	143.9	146.7	149.3	151.6	153.8	155.9	157.7	159.1
57.5°	142.9	146.7	150.2	153.0	155.5	157.9	160.1	161.9	163.4	164.5	165.4
55°	151.3	154.7	158.0	160.7	163.0	164.9	166.6	167.9	168.8	169.5	170.1
52.5°	158.5	161.7	164.9	167.6	169.3	170.9	172.3	173.8	174.7	174.8	174.8
50°	164.3	167.7	170.6	173.0	175.4	178.0	180.8	182.1	182.7	182.3	181.9
47.5°	169.6	173.0	176.1	179.1	182.5	187.0	191.5	193.6	193.5	192.5	192.1
45°	174.9	178.5	182.2	186.7	191.6	197.3	202.6	206.0	206.0	206.1	206.8
42.5°	180.3	184.8	189.8	196.0	202.4	208.9	214.5	218.7	221.7	225.5	228.6
40°	187.0	192.0	199.5	207.2	215.5	222.4	231.1	238.7	244.8	250.4	254.7
37.5°	194.8	202.0	211.6	221.5	232.2	242.9	253.2	262.7	270.8	280.1	287.0
35°	204.3	214.5	226.2	238.5	251.8	265.5	278.7	293.8	307.2	319.1	328.8
32.5°	215.3	227.7	241.9	258.3	275.0	293.1	311.9	331.4	350.2	369.8	389.4
30°	226.3	242.7	260.9	280.8	300.4	324.0	348.5	380.5	413.9	452.1	510.7
27.5°	239.8	259.4	280.5	303.5	330.4	360.5	407.9	466.9	567.6	642.8	844.8
25°	253.0	275.3	302.5	332.3	368.4	423.6	536.9	667.9	959.7	1232.9	1548.5
22.5°	266.3	294.1	326.7	363.1	425.9	567.9	783.7	1178.8	1629.5	2108.0	2595.3
20°	279.8	312.6	353.4	414.1	545.5	788.6	1272.9	1907.7	2548.2	3330.7	4007.4
17.5°	294.9	335.6	389.0	480.2	696.8	1217.6	1933.9	2814.8	3806.0	4812.0	5656.6
15°	307.4	355.1	426.5	604.9	1013.8	1704.8	2642.1	3836.2	5187.8	6459.5	7544.3
12.5°	321.3	376.7	470.7	706.1	1306.3	2214.7	3450.0	4919.5	6540.9	8283.5	11042.5
10°	334.0	398.5	544.7	916.1	1643.4	2730.0	4173.5	5829.2	7795.6	11284.5	17806.6
7.5°	344.8	415.7	600.4	1072.7	1948.5	3216.2	4763.4	6607.2	9563.5	15425.1	26400.1
5°	352.1	427.2	639.2	1189.8	2191.6	3574.8	5140.4	7119.5	11367.2	20486.4	33701.4
2.5°	357.2	433.4	659.8	1258.2	2345.4	3812.2	5407.6	7464.2	12578.1	23414.0	38897.0
0°	361.1	435.2	664.0	1317.3	2397.5	3892.7	5420.8	7556.7	12993.3	24557.0	40748.3
-2.5°	357.2	433.4	659.8	1258.2	2345.4	3812.2	5407.6	7464.2	12578.1	23414.0	38897.0
-5°	352.1	427.2	639.2	1189.8	2191.6	3574.8	5140.4	7119.5	11367.2	20486.4	33701.4
-7.5°	344.8	415.7	600.4	1072.7	1948.5	3216.2	4763.4	6607.2	9563.5	15425.1	26400.1
-10°	334.0	398.5	544.7	916.1	1643.4	2730.0	4173.5	5829.2	7795.6	11284.5	17806.6
-12.5°	321.3	376.7	470.7	706.1	1306.3	2214.7	3450.0	4919.5	6540.9	8283.5	11042.5
-15°	307.4	355.1	426.5	604.9	1013.8	1704.8	2642.1	3836.2	5187.8	6459.5	7544.3
-17.5°	294.9	335.6	389.0	480.2	696.8	1217.6	1933.9	2814.8	3806.0	4812.0	5656.6
-20°	279.8	312.6	353.4	414.1	545.5	788.6	1272.9	1907.7	2548.2	3330.7	4007.4



REPORT NUMBER: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	266.3	294.1	326.7	363.1	425.9	567.9	783.7	1178.8	1629.5	2108.0	2595.3
-25°	253.0	275.3	302.5	332.3	368.4	423.6	536.9	667.9	959.7	1232.9	1548.5
-27.5°	239.8	259.4	280.5	303.5	330.4	360.5	407.9	466.9	567.6	642.8	844.8
-30°	226.3	242.7	260.9	280.8	300.4	324.0	348.5	380.5	413.9	452.1	510.7
-32.5°	215.3	227.7	241.9	258.3	275.0	293.1	311.9	331.4	350.2	369.8	389.4
-35°	204.3	214.5	226.2	238.5	251.8	265.5	278.7	293.8	307.2	319.1	328.8
-37.5°	194.8	202.0	211.6	221.5	232.2	242.9	253.2	262.7	270.8	280.1	287.0
-40°	187.0	192.0	199.5	207.2	215.5	222.4	231.1	238.7	244.8	250.4	254.7
-42.5°	180.3	184.8	189.8	196.0	202.4	208.9	214.5	218.7	221.7	225.5	228.6
-45°	174.9	178.5	182.2	186.7	191.6	197.3	202.6	206.0	206.0	206.1	206.8
-47.5°	169.6	173.0	176.1	179.1	182.5	187.0	191.5	193.6	193.5	192.5	192.1
-50°	164.3	167.7	170.6	173.0	175.4	178.0	180.8	182.1	182.7	182.3	181.9
-52.5°	158.5	161.7	164.9	167.6	169.3	170.9	172.3	173.8	174.7	174.8	174.8
-55°	151.3	154.7	158.0	160.7	163.0	164.9	166.6	167.9	168.8	169.5	170.1
-57.5°	142.9	146.7	150.2	153.0	155.5	157.9	160.1	161.9	163.4	164.5	165.4
-60°	133.2	137.4	140.8	143.9	146.7	149.3	151.6	153.8	155.9	157.7	159.1
-62.5°	122.2	126.2	129.7	133.0	136.2	138.9	141.1	143.2	145.1	146.7	147.7
-65°	109.9	113.6	117.2	120.4	123.2	125.7	128.4	130.7	132.6	134.1	135.0
-67.5°	97.2	100.6	103.9	107.0	109.8	112.2	114.5	116.7	118.7	120.2	121.2
-70°	84.5	87.4	90.3	93.1	95.6	98.0	100.0	101.9	103.5	104.9	106.0
-72.5°	71.3	74.0	76.4	78.7	80.8	82.8	84.8	86.5	87.9	89.2	90.2
-75°	57.6	60.0	62.3	64.3	66.1	67.7	69.1	70.5	71.7	72.8	73.7
-77.5°	44.8	46.5	48.2	49.8	51.3	52.7	53.9	54.9	55.7	56.6	57.5
-80°	31.8	33.3	34.6	35.8	36.8	38.0	39.3	40.4	41.3	42.0	42.5
-82.5°	21.2	22.0	22.8	23.5	24.2	25.0	25.8	26.6	27.3	27.7	28.0
-85°	12.5	12.8	13.2	13.6	13.9	14.3	14.7	15.0	15.3	15.7	16.1
-87.5°	5.2	5.2	5.1	4.9	4.8	5.1	5.5	5.8	6.2	6.2	6.3
-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: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	5.8
85°	16.5	16.8	16.4	15.9	16.4	16.8	16.5	16.1	15.7	15.3	15.0
82.5°	28.3	28.5	28.6	28.6	28.6	28.5	28.3	28.0	27.7	27.3	26.6
80°	42.9	43.2	43.9	44.5	43.9	43.2	42.9	42.5	42.0	41.3	40.4
77.5°	58.3	59.0	59.2	59.3	59.2	59.0	58.3	57.5	56.6	55.7	54.9
75°	74.3	74.8	76.1	77.3	76.1	74.8	74.3	73.7	72.8	71.7	70.5
72.5°	91.1	91.6	92.5	93.2	92.5	91.6	91.1	90.2	89.2	87.9	86.5
70°	106.9	107.5	107.9	108.0	107.9	107.5	106.9	106.0	104.9	103.5	101.9
67.5°	121.9	122.3	122.2	121.8	122.2	122.3	121.9	121.2	120.2	118.7	116.7
65°	135.7	136.1	136.0	135.5	136.0	136.1	135.7	135.0	134.1	132.6	130.7
62.5°	148.4	148.8	149.2	149.3	149.2	148.8	148.4	147.7	146.7	145.1	143.2
60°	160.3	161.3	161.8	162.0	161.8	161.3	160.3	159.1	157.7	155.9	153.8
57.5°	166.3	166.9	167.2	167.3	167.2	166.9	166.3	165.4	164.5	163.4	161.9
55°	170.4	170.4	170.0	169.4	170.0	170.4	170.4	170.1	169.5	168.8	167.9
52.5°	174.5	173.9	173.6	173.7	173.6	173.9	174.5	174.8	174.8	174.7	173.8
50°	181.3	180.3	179.9	180.0	179.9	180.3	181.3	181.9	182.3	182.7	182.1
47.5°	192.7	193.1	193.5	193.8	193.5	193.1	192.7	192.1	192.5	193.5	193.6
45°	209.0	210.5	211.4	211.8	211.4	210.5	209.0	206.8	206.1	206.0	206.0
42.5°	231.8	233.6	234.3	234.0	234.3	233.6	231.8	228.6	225.5	221.7	218.7
40°	259.2	262.7	264.8	264.7	264.8	262.7	259.2	254.7	250.4	244.8	238.7
37.5°	293.3	298.0	300.4	299.7	300.4	298.0	293.3	287.0	280.1	270.8	262.7
35°	336.3	341.0	343.0	345.2	343.0	341.0	336.3	328.8	319.1	307.2	293.8
32.5°	404.8	414.4	418.3	413.0	418.3	414.4	404.8	389.4	369.8	350.2	331.4
30°	550.3	585.4	609.0	620.5	609.0	585.4	550.3	510.7	452.1	413.9	380.5
27.5°	983.8	1075.8	1114.7	1136.3	1114.7	1075.8	983.8	844.8	642.8	567.6	466.9
25°	1818.8	2015.1	2128.2	2119.0	2128.2	2015.1	1818.8	1548.5	1232.9	959.7	667.9
22.5°	3048.1	3357.9	3543.8	3612.1	3543.8	3357.9	3048.1	2595.3	2108.0	1629.5	1178.8
20°	4572.2	4919.6	5101.3	5128.5	5101.3	4919.6	4572.2	4007.4	3330.7	2548.2	1907.7
17.5°	6321.4	6650.7	6842.1	6839.7	6842.1	6650.7	6321.4	5656.6	4812.0	3806.0	2814.8
15°	9021.7	10296.5	11015.3	10910.3	11015.3	10296.5	9021.7	7544.3	6459.5	5187.8	3836.2
12.5°	14782.7	19874.3	23032.6	23812.6	23032.6	19874.3	14782.7	11042.5	8283.5	6540.9	4919.5
10°	26123.1	33740.4	39823.7	41581.7	39823.7	33740.4	26123.1	17806.6	11284.5	7795.6	5829.2
7.5°	37576.3	46616.8	50337.4	50769.7	50337.4	46616.8	37576.3	26400.1	15425.1	9563.5	6607.2
5°	46221.3	55420.4	56485.1	53810.4	56485.1	55420.4	46221.3	33701.4	20486.4	11367.2	7119.5
2.5°	51927.7	58877.7	59870.2	58430.7	59870.2	58877.7	51927.7	38897.0	23414.0	12578.1	7464.2
0°	53229.1	57958.3	59368.3	59522.4	59368.3	57958.3	53229.1	40748.3	24557.0	12993.3	7556.7
-2.5°	51927.7	58877.7	59870.2	58430.7	59870.2	58877.7	51927.7	38897.0	23414.0	12578.1	7464.2
-5°	46221.3	55420.4	56485.1	53810.4	56485.1	55420.4	46221.3	33701.4	20486.4	11367.2	7119.5
-7.5°	37576.3	46616.8	50337.4	50769.7	50337.4	46616.8	37576.3	26400.1	15425.1	9563.5	6607.2
-10°	26123.1	33740.4	39823.7	41581.7	39823.7	33740.4	26123.1	17806.6	11284.5	7795.6	5829.2
-12.5°	14782.7	19874.3	23032.6	23812.6	23032.6	19874.3	14782.7	11042.5	8283.5	6540.9	4919.5
-15°	9021.7	10296.5	11015.3	10910.3	11015.3	10296.5	9021.7	7544.3	6459.5	5187.8	3836.2
-17.5°	6321.4	6650.7	6842.1	6839.7	6842.1	6650.7	6321.4	5656.6	4812.0	3806.0	2814.8
-20°	4572.2	4919.6	5101.3	5128.5	5101.3	4919.6	4572.2	4007.4	3330.7	2548.2	1907.7



REPORT NUMBER: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3048.1	3357.9	3543.8	3612.1	3543.8	3357.9	3048.1	2595.3	2108.0	1629.5	1178.8
-25°	1818.8	2015.1	2128.2	2119.0	2128.2	2015.1	1818.8	1548.5	1232.9	959.7	667.9
-27.5°	983.8	1075.8	1114.7	1136.3	1114.7	1075.8	983.8	844.8	642.8	567.6	466.9
-30°	550.3	585.4	609.0	620.5	609.0	585.4	550.3	510.7	452.1	413.9	380.5
-32.5°	404.8	414.4	418.3	413.0	418.3	414.4	404.8	389.4	369.8	350.2	331.4
-35°	336.3	341.0	343.0	345.2	343.0	341.0	336.3	328.8	319.1	307.2	293.8
-37.5°	293.3	298.0	300.4	299.7	300.4	298.0	293.3	287.0	280.1	270.8	262.7
-40°	259.2	262.7	264.8	264.7	264.8	262.7	259.2	254.7	250.4	244.8	238.7
-42.5°	231.8	233.6	234.3	234.0	234.3	233.6	231.8	228.6	225.5	221.7	218.7
-45°	209.0	210.5	211.4	211.8	211.4	210.5	209.0	206.8	206.1	206.0	206.0
-47.5°	192.7	193.1	193.5	193.8	193.5	193.1	192.7	192.1	192.5	193.5	193.6
-50°	181.3	180.3	179.9	180.0	179.9	180.3	181.3	181.9	182.3	182.7	182.1
-52.5°	174.5	173.9	173.6	173.7	173.6	173.9	174.5	174.8	174.8	174.7	173.8
-55°	170.4	170.4	170.0	169.4	170.0	170.4	170.4	170.1	169.5	168.8	167.9
-57.5°	166.3	166.9	167.2	167.3	167.2	166.9	166.3	165.4	164.5	163.4	161.9
-60°	160.3	161.3	161.8	162.0	161.8	161.3	160.3	159.1	157.7	155.9	153.8
-62.5°	148.4	148.8	149.2	149.3	149.2	148.8	148.4	147.7	146.7	145.1	143.2
-65°	135.7	136.1	136.0	135.5	136.0	136.1	135.7	135.0	134.1	132.6	130.7
-67.5°	121.9	122.3	122.2	121.8	122.2	122.3	121.9	121.2	120.2	118.7	116.7
-70°	106.9	107.5	107.9	108.0	107.9	107.5	106.9	106.0	104.9	103.5	101.9
-72.5°	91.1	91.6	92.5	93.2	92.5	91.6	91.1	90.2	89.2	87.9	86.5
-75°	74.3	74.8	76.1	77.3	76.1	74.8	74.3	73.7	72.8	71.7	70.5
-77.5°	58.3	59.0	59.2	59.3	59.2	59.0	58.3	57.5	56.6	55.7	54.9
-80°	42.9	43.2	43.9	44.5	43.9	43.2	42.9	42.5	42.0	41.3	40.4
-82.5°	28.3	28.5	28.6	28.6	28.6	28.5	28.3	28.0	27.7	27.3	26.6
-85°	16.5	16.8	16.4	15.9	16.4	16.8	16.5	16.1	15.7	15.3	15.0
-87.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	5.8
-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: P558711 (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°
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°	5.5	5.1	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.7	4.5
85°	14.7	14.3	13.9	13.6	13.2	12.8	12.5	11.8	11.1	10.5	9.9
82.5°	25.8	25.0	24.2	23.5	22.8	22.0	21.2	20.2	19.1	17.8	16.5
80°	39.3	38.0	36.8	35.8	34.6	33.3	31.8	30.4	29.0	27.6	26.1
77.5°	53.9	52.7	51.3	49.8	48.2	46.5	44.8	42.7	40.6	38.5	36.3
75°	69.1	67.7	66.1	64.3	62.3	60.0	57.6	55.2	52.5	49.8	46.9
72.5°	84.8	82.8	80.8	78.7	76.4	74.0	71.3	68.3	65.1	61.5	58.0
70°	100.0	98.0	95.6	93.1	90.3	87.4	84.5	81.4	78.1	74.4	70.0
67.5°	114.5	112.2	109.8	107.0	103.9	100.6	97.2	93.7	90.0	86.1	81.6
65°	128.4	125.7	123.2	120.4	117.2	113.6	109.9	106.0	101.8	97.4	92.5
62.5°	141.1	138.9	136.2	133.0	129.7	126.2	122.2	117.7	113.2	108.5	103.1
60°	151.6	149.3	146.7	143.9	140.8	137.4	133.2	128.7	124.0	118.8	113.3
57.5°	160.1	157.9	155.5	153.0	150.2	146.7	142.9	138.8	133.9	128.5	122.9
55°	166.6	164.9	163.0	160.7	158.0	154.7	151.3	147.3	142.6	137.8	131.8
52.5°	172.3	170.9	169.3	167.6	164.9	161.7	158.5	154.5	150.4	145.4	140.0
50°	180.8	178.0	175.4	173.0	170.6	167.7	164.3	160.8	156.9	152.3	147.1
47.5°	191.5	187.0	182.5	179.1	176.1	173.0	169.6	166.1	162.5	158.3	153.2
45°	202.6	197.3	191.6	186.7	182.2	178.5	174.9	171.3	167.7	163.5	158.8
42.5°	214.5	208.9	202.4	196.0	189.8	184.8	180.3	176.6	172.5	168.4	163.6
40°	231.1	222.4	215.5	207.2	199.5	192.0	187.0	181.9	177.5	172.9	168.2
37.5°	253.2	242.9	232.2	221.5	211.6	202.0	194.8	188.6	182.8	177.7	172.4
35°	278.7	265.5	251.8	238.5	226.2	214.5	204.3	196.2	189.3	182.9	176.8
32.5°	311.9	293.1	275.0	258.3	241.9	227.7	215.3	204.8	196.4	189.1	181.8
30°	348.5	324.0	300.4	280.8	260.9	242.7	226.3	213.9	204.1	195.7	187.2
27.5°	407.9	360.5	330.4	303.5	280.5	259.4	239.8	222.0	211.2	202.2	193.1
25°	536.9	423.6	368.4	332.3	302.5	275.3	253.0	232.7	217.6	207.8	196.2
22.5°	783.7	567.9	425.9	363.1	326.7	294.1	266.3	243.5	222.6	210.2	198.3
20°	1272.9	788.6	545.5	414.1	353.4	312.6	279.8	254.0	230.8	213.1	199.8
17.5°	1933.9	1217.6	696.8	480.2	389.0	335.6	294.9	263.7	238.3	216.1	200.7
15°	2642.1	1704.8	1013.8	604.9	426.5	355.1	307.4	272.6	245.2	220.7	203.0
12.5°	3450.0	2214.7	1306.3	706.1	470.7	376.7	321.3	282.4	252.1	226.1	206.5
10°	4173.5	2730.0	1643.4	916.1	544.7	398.5	334.0	291.1	258.5	230.7	209.3
7.5°	4763.4	3216.2	1948.5	1072.7	600.4	415.7	344.8	298.4	263.8	234.0	211.3
5°	5140.4	3574.8	2191.6	1189.8	639.2	427.2	352.1	303.9	267.7	236.1	212.5
2.5°	5407.6	3812.2	2345.4	1258.2	659.8	433.4	357.2	307.2	270.7	238.7	214.6
0°	5420.8	3892.7	2397.5	1317.3	664.0	435.2	361.1	308.2	272.1	240.4	216.0
-2.5°	5407.6	3812.2	2345.4	1258.2	659.8	433.4	357.2	307.2	270.7	238.7	214.6
-5°	5140.4	3574.8	2191.6	1189.8	639.2	427.2	352.1	303.9	267.7	236.1	212.5
-7.5°	4763.4	3216.2	1948.5	1072.7	600.4	415.7	344.8	298.4	263.8	234.0	211.3
-10°	4173.5	2730.0	1643.4	916.1	544.7	398.5	334.0	291.1	258.5	230.7	209.3
-12.5°	3450.0	2214.7	1306.3	706.1	470.7	376.7	321.3	282.4	252.1	226.1	206.5
-15°	2642.1	1704.8	1013.8	604.9	426.5	355.1	307.4	272.6	245.2	220.7	203.0
-17.5°	1933.9	1217.6	696.8	480.2	389.0	335.6	294.9	263.7	238.3	216.1	200.7
-20°	1272.9	788.6	545.5	414.1	353.4	312.6	279.8	254.0	230.8	213.1	199.8



REPORT NUMBER: P558711 (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°	783.7	567.9	425.9	363.1	326.7	294.1	266.3	243.5	222.6	210.2	198.3
-25°	536.9	423.6	368.4	332.3	302.5	275.3	253.0	232.7	217.6	207.8	196.2
-27.5°	407.9	360.5	330.4	303.5	280.5	259.4	239.8	222.0	211.2	202.2	193.1
-30°	348.5	324.0	300.4	280.8	260.9	242.7	226.3	213.9	204.1	195.7	187.2
-32.5°	311.9	293.1	275.0	258.3	241.9	227.7	215.3	204.8	196.4	189.1	181.8
-35°	278.7	265.5	251.8	238.5	226.2	214.5	204.3	196.2	189.3	182.9	176.8
-37.5°	253.2	242.9	232.2	221.5	211.6	202.0	194.8	188.6	182.8	177.7	172.4
-40°	231.1	222.4	215.5	207.2	199.5	192.0	187.0	181.9	177.5	172.9	168.2
-42.5°	214.5	208.9	202.4	196.0	189.8	184.8	180.3	176.6	172.5	168.4	163.6
-45°	202.6	197.3	191.6	186.7	182.2	178.5	174.9	171.3	167.7	163.5	158.8
-47.5°	191.5	187.0	182.5	179.1	176.1	173.0	169.6	166.1	162.5	158.3	153.2
-50°	180.8	178.0	175.4	173.0	170.6	167.7	164.3	160.8	156.9	152.3	147.1
-52.5°	172.3	170.9	169.3	167.6	164.9	161.7	158.5	154.5	150.4	145.4	140.0
-55°	166.6	164.9	163.0	160.7	158.0	154.7	151.3	147.3	142.6	137.8	131.8
-57.5°	160.1	157.9	155.5	153.0	150.2	146.7	142.9	138.8	133.9	128.5	122.9
-60°	151.6	149.3	146.7	143.9	140.8	137.4	133.2	128.7	124.0	118.8	113.3
-62.5°	141.1	138.9	136.2	133.0	129.7	126.2	122.2	117.7	113.2	108.5	103.1
-65°	128.4	125.7	123.2	120.4	117.2	113.6	109.9	106.0	101.8	97.4	92.5
-67.5°	114.5	112.2	109.8	107.0	103.9	100.6	97.2	93.7	90.0	86.1	81.6
-70°	100.0	98.0	95.6	93.1	90.3	87.4	84.5	81.4	78.1	74.4	70.0
-72.5°	84.8	82.8	80.8	78.7	76.4	74.0	71.3	68.3	65.1	61.5	58.0
-75°	69.1	67.7	66.1	64.3	62.3	60.0	57.6	55.2	52.5	49.8	46.9
-77.5°	53.9	52.7	51.3	49.8	48.2	46.5	44.8	42.7	40.6	38.5	36.3
-80°	39.3	38.0	36.8	35.8	34.6	33.3	31.8	30.4	29.0	27.6	26.1
-82.5°	25.8	25.0	24.2	23.5	22.8	22.0	21.2	20.2	19.1	17.8	16.5
-85°	14.7	14.3	13.9	13.6	13.2	12.8	12.5	11.8	11.1	10.5	9.9
-87.5°	5.5	5.1	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.7	4.5
-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: P558711 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.7	2.4	2.2	1.9
85°	9.4	9.0	8.4	7.8	7.1	6.4	5.9	5.4	4.9	4.4	3.8
82.5°	15.4	14.7	14.0	13.2	12.3	11.4	10.3	9.2	7.9	6.6	5.8
80°	24.5	22.8	21.2	19.6	17.9	16.4	15.0	13.6	11.8	10.0	8.3
77.5°	34.0	31.5	29.0	26.7	24.5	22.3	20.2	18.0	15.6	13.4	11.2
75°	43.9	40.9	37.9	34.7	31.5	28.3	25.6	22.9	19.9	16.7	14.0
72.5°	54.6	51.0	47.1	43.0	39.2	35.4	31.4	27.7	24.3	20.8	17.0
70°	65.6	61.4	57.0	52.2	47.3	42.5	38.0	33.4	28.7	24.7	20.6
67.5°	76.7	71.5	66.5	61.3	55.7	50.1	44.5	39.3	34.1	28.7	24.1
65°	87.2	81.6	75.6	69.8	63.8	57.6	51.4	45.2	39.3	33.4	27.6
62.5°	97.5	91.6	85.1	78.3	71.6	64.9	58.1	51.4	44.5	38.0	31.4
60°	107.5	101.1	94.3	86.9	79.4	72.0	64.7	57.4	50.0	42.5	35.4
57.5°	116.7	110.3	102.9	95.1	87.1	79.0	71.2	63.3	55.3	47.1	39.2
55°	125.6	118.7	111.1	103.0	94.5	85.8	77.5	69.0	60.4	51.8	43.0
52.5°	133.8	126.6	118.7	110.4	101.6	92.5	83.8	74.6	65.5	56.2	46.9
50°	141.1	133.9	125.9	117.4	108.4	99.1	89.9	80.2	70.4	60.6	50.8
47.5°	147.6	140.5	132.6	123.9	114.6	105.4	95.7	85.7	75.1	64.8	54.5
45°	153.1	146.6	138.7	129.9	120.9	111.3	101.2	91.0	79.9	68.9	58.1
42.5°	158.3	151.9	144.4	135.7	126.6	116.9	106.4	95.8	84.5	72.8	61.6
40°	162.8	156.8	149.7	141.1	132.2	122.4	111.4	100.3	89.0	76.6	64.9
37.5°	167.0	161.0	154.1	146.7	137.6	127.4	116.3	104.5	93.1	80.4	68.0
35°	170.9	164.8	158.7	151.4	142.5	132.2	120.9	108.6	96.7	83.9	71.0
32.5°	174.8	168.5	162.3	155.4	147.2	136.9	125.2	112.5	100.0	87.3	73.8
30°	179.1	171.7	165.5	159.2	151.5	141.0	129.1	116.1	103.2	90.3	76.4
27.5°	182.6	174.3	168.4	162.2	154.7	145.0	132.5	119.3	106.1	93.1	78.9
25°	185.5	176.9	170.5	164.7	157.7	148.1	135.6	122.1	108.7	95.4	81.2
22.5°	187.7	179.0	172.2	166.9	160.4	150.9	138.3	124.6	111.1	97.6	83.3
20°	189.0	180.6	173.5	168.8	162.7	153.0	140.6	126.9	113.2	99.5	85.1
17.5°	189.4	181.7	175.0	170.0	164.4	155.1	142.6	128.9	115.0	101.3	86.8
15°	191.2	182.8	176.2	171.1	165.9	157.2	144.3	130.5	116.4	102.8	88.2
12.5°	193.1	183.6	177.0	171.9	167.1	159.2	145.7	131.9	117.6	104.1	89.4
10°	194.7	184.2	177.4	172.6	168.0	161.0	146.8	133.1	118.9	105.1	90.4
7.5°	196.0	184.5	177.5	173.1	168.8	162.4	147.9	133.9	120.0	105.9	91.1
5°	197.0	184.6	177.4	173.5	169.5	163.4	148.7	134.4	120.8	106.5	91.7
2.5°	197.7	184.6	177.2	173.6	170.1	163.9	149.1	134.6	121.4	106.9	92.0
0°	198.0	184.3	176.8	173.7	170.5	164.1	149.3	134.5	121.8	107.0	92.1
-2.5°	197.7	184.6	177.2	173.6	170.1	163.9	149.1	134.6	121.4	106.9	92.0
-5°	197.0	184.6	177.4	173.5	169.5	163.4	148.7	134.4	120.8	106.5	91.7
-7.5°	196.0	184.5	177.5	173.1	168.8	162.4	147.9	133.9	120.0	105.9	91.1
-10°	194.7	184.2	177.4	172.6	168.0	161.0	146.8	133.1	118.9	105.1	90.4
-12.5°	193.1	183.6	177.0	171.9	167.1	159.2	145.7	131.9	117.6	104.1	89.4
-15°	191.2	182.8	176.2	171.1	165.9	157.2	144.3	130.5	116.4	102.8	88.2
-17.5°	189.4	181.7	175.0	170.0	164.4	155.1	142.6	128.9	115.0	101.3	86.8
-20°	189.0	180.6	173.5	168.8	162.7	153.0	140.6	126.9	113.2	99.5	85.1



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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°	187.7	179.0	172.2	166.9	160.4	150.9	138.3	124.6	111.1	97.6	83.3
-25°	185.5	176.9	170.5	164.7	157.7	148.1	135.6	122.1	108.7	95.4	81.2
-27.5°	182.6	174.3	168.4	162.2	154.7	145.0	132.5	119.3	106.1	93.1	78.9
-30°	179.1	171.7	165.5	159.2	151.5	141.0	129.1	116.1	103.2	90.3	76.4
-32.5°	174.8	168.5	162.3	155.4	147.2	136.9	125.2	112.5	100.0	87.3	73.8
-35°	170.9	164.8	158.7	151.4	142.5	132.2	120.9	108.6	96.7	83.9	71.0
-37.5°	167.0	161.0	154.1	146.7	137.6	127.4	116.3	104.5	93.1	80.4	68.0
-40°	162.8	156.8	149.7	141.1	132.2	122.4	111.4	100.3	89.0	76.6	64.9
-42.5°	158.3	151.9	144.4	135.7	126.6	116.9	106.4	95.8	84.5	72.8	61.6
-45°	153.1	146.6	138.7	129.9	120.9	111.3	101.2	91.0	79.9	68.9	58.1
-47.5°	147.6	140.5	132.6	123.9	114.6	105.4	95.7	85.7	75.1	64.8	54.5
-50°	141.1	133.9	125.9	117.4	108.4	99.1	89.9	80.2	70.4	60.6	50.8
-52.5°	133.8	126.6	118.7	110.4	101.6	92.5	83.8	74.6	65.5	56.2	46.9
-55°	125.6	118.7	111.1	103.0	94.5	85.8	77.5	69.0	60.4	51.8	43.0
-57.5°	116.7	110.3	102.9	95.1	87.1	79.0	71.2	63.3	55.3	47.1	39.2
-60°	107.5	101.1	94.3	86.9	79.4	72.0	64.7	57.4	50.0	42.5	35.4
-62.5°	97.5	91.6	85.1	78.3	71.6	64.9	58.1	51.4	44.5	38.0	31.4
-65°	87.2	81.6	75.6	69.8	63.8	57.6	51.4	45.2	39.3	33.4	27.6
-67.5°	76.7	71.5	66.5	61.3	55.7	50.1	44.5	39.3	34.1	28.7	24.1
-70°	65.6	61.4	57.0	52.2	47.3	42.5	38.0	33.4	28.7	24.7	20.6
-72.5°	54.6	51.0	47.1	43.0	39.2	35.4	31.4	27.7	24.3	20.8	17.0
-75°	43.9	40.9	37.9	34.7	31.5	28.3	25.6	22.9	19.9	16.7	14.0
-77.5°	34.0	31.5	29.0	26.7	24.5	22.3	20.2	18.0	15.6	13.4	11.2
-80°	24.5	22.8	21.2	19.6	17.9	16.4	15.0	13.6	11.8	10.0	8.3
-82.5°	15.4	14.7	14.0	13.2	12.3	11.4	10.3	9.2	7.9	6.6	5.8
-85°	9.4	9.0	8.4	7.8	7.1	6.4	5.9	5.4	4.9	4.4	3.8
-87.5°	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.7	2.4	2.2	1.9
-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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
80°	6.7	5.5	4.4	3.3	2.2	1.1	0.0
77.5°	9.1	7.1	5.5	4.1	2.8	1.4	0.0
75°	11.5	9.2	6.7	5.0	3.3	1.7	0.0
72.5°	13.9	11.2	8.4	5.8	3.8	1.9	0.0
70°	16.4	13.3	10.0	6.6	4.4	2.2	0.0
67.5°	19.5	15.3	11.7	7.9	4.9	2.4	0.0
65°	22.5	17.5	13.3	9.1	5.4	2.7	0.0
62.5°	25.4	19.9	14.9	10.3	5.9	3.0	0.0
60°	28.3	22.3	16.5	11.5	6.4	3.2	0.0
57.5°	31.5	24.6	18.3	12.7	7.2	3.4	0.0
55°	34.7	26.8	20.0	13.9	7.9	3.7	0.0
52.5°	37.9	29.0	21.7	15.0	8.7	3.9	0.0
50°	40.9	31.5	23.4	16.0	9.4	4.1	0.0
47.5°	43.9	34.0	25.0	17.1	10.1	4.3	0.0
45°	47.0	36.3	26.5	18.3	10.7	4.5	0.0
42.5°	50.0	38.6	27.9	19.3	11.4	4.7	0.0
40°	52.9	40.7	29.5	20.4	12.0	4.9	0.0
37.5°	55.6	42.7	31.1	21.3	12.6	5.1	0.0
35°	58.3	44.8	32.6	22.2	13.1	5.2	0.0
32.5°	60.7	46.9	34.1	23.1	13.6	5.4	0.0
30°	63.0	48.8	35.4	23.9	14.1	5.5	0.0
27.5°	65.1	50.6	36.7	24.6	14.5	5.7	0.0
25°	67.0	52.3	37.9	25.3	14.9	5.8	0.0
22.5°	68.7	53.8	39.0	25.9	15.3	5.9	0.0
20°	70.3	55.2	40.1	26.5	15.6	6.0	0.0
17.5°	71.7	56.5	41.0	27.0	15.9	6.1	0.0
15°	72.9	57.5	41.8	27.4	16.2	6.2	0.0
12.5°	73.9	58.4	42.5	27.8	16.4	6.2	0.0
10°	74.7	59.1	43.2	28.1	16.6	6.3	0.0
7.5°	75.4	59.7	43.7	28.3	16.7	6.3	0.0
5°	75.8	60.1	44.1	28.5	16.8	6.4	0.0
2.5°	76.1	60.3	44.3	28.6	16.9	6.4	0.0
0°	76.2	60.4	44.5	28.6	16.9	6.4	0.0
-2.5°	76.1	60.3	44.3	28.6	16.9	6.4	0.0
-5°	75.8	60.1	44.1	28.5	16.8	6.4	0.0
-7.5°	75.4	59.7	43.7	28.3	16.7	6.3	0.0
-10°	74.7	59.1	43.2	28.1	16.6	6.3	0.0
-12.5°	73.9	58.4	42.5	27.8	16.4	6.2	0.0
-15°	72.9	57.5	41.8	27.4	16.2	6.2	0.0
-17.5°	71.7	56.5	41.0	27.0	15.9	6.1	0.0
-20°	70.3	55.2	40.1	26.5	15.6	6.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.7	53.8	39.0	25.9	15.3	5.9	0.0
-25°	67.0	52.3	37.9	25.3	14.9	5.8	0.0
-27.5°	65.1	50.6	36.7	24.6	14.5	5.7	0.0
-30°	63.0	48.8	35.4	23.9	14.1	5.5	0.0
-32.5°	60.7	46.9	34.1	23.1	13.6	5.4	0.0
-35°	58.3	44.8	32.6	22.2	13.1	5.2	0.0
-37.5°	55.6	42.7	31.1	21.3	12.6	5.1	0.0
-40°	52.9	40.7	29.5	20.4	12.0	4.9	0.0
-42.5°	50.0	38.6	27.9	19.3	11.4	4.7	0.0
-45°	47.0	36.3	26.5	18.3	10.7	4.5	0.0
-47.5°	43.9	34.0	25.0	17.1	10.1	4.3	0.0
-50°	40.9	31.5	23.4	16.0	9.4	4.1	0.0
-52.5°	37.9	29.0	21.7	15.0	8.7	3.9	0.0
-55°	34.7	26.8	20.0	13.9	7.9	3.7	0.0
-57.5°	31.5	24.6	18.3	12.7	7.2	3.4	0.0
-60°	28.3	22.3	16.5	11.5	6.4	3.2	0.0
-62.5°	25.4	19.9	14.9	10.3	5.9	3.0	0.0
-65°	22.5	17.5	13.3	9.1	5.4	2.7	0.0
-67.5°	19.5	15.3	11.7	7.9	4.9	2.4	0.0
-70°	16.4	13.3	10.0	6.6	4.4	2.2	0.0
-72.5°	13.9	11.2	8.4	5.8	3.8	1.9	0.0
-75°	11.5	9.2	6.7	5.0	3.3	1.7	0.0
-77.5°	9.1	7.1	5.5	4.1	2.8	1.4	0.0
-80°	6.7	5.5	4.4	3.3	2.2	1.1	0.0
-82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
-85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)