

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: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-930-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558727 (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-930-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (32) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

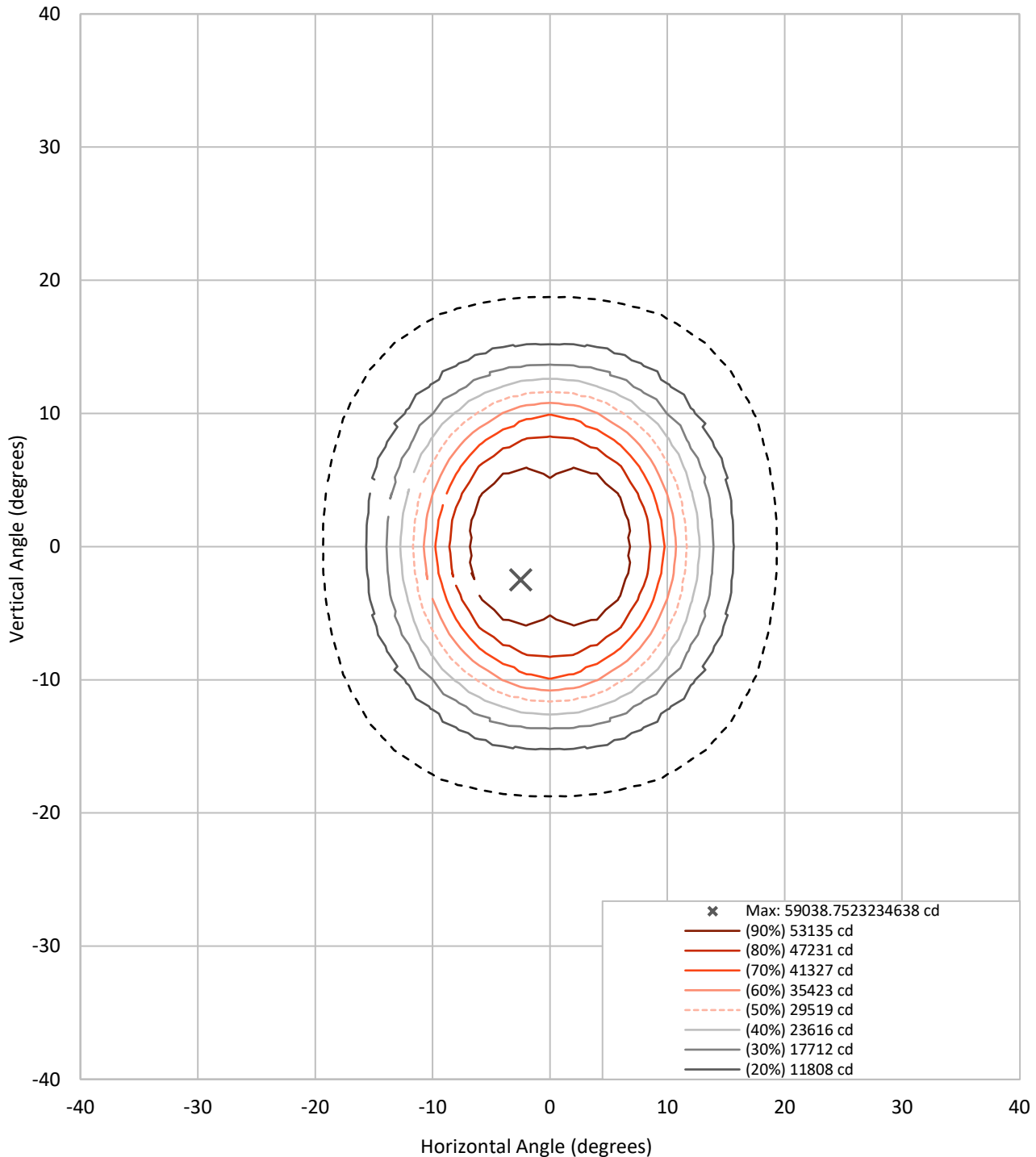
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	11164.2 lumens	Max Intensity:	59038.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	6027.2 lumens	Field Lumens:	9089.3 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





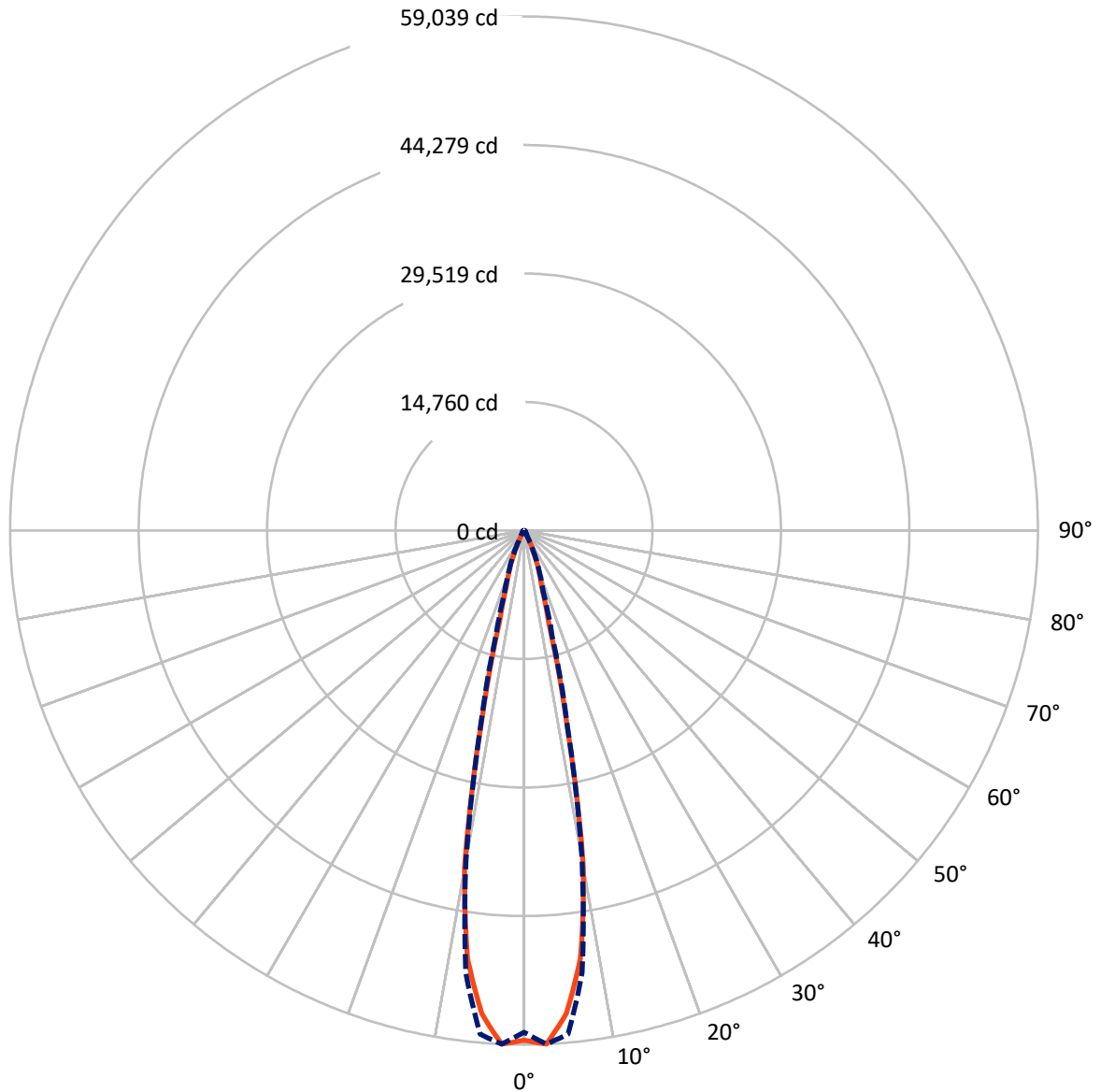
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 CATALOG NUMBER: GFLD-SA2E-930-U-NR-XX

### Lumen Table

90	0.1	1.1		3.0		4.8		5.6		4.8		3.0		1.1		0.1			
80	0.1	1.1		3.0		4.8		5.6		4.8		3.0		1.1		0.1			
70	0.5	0.6	1.2	2.0	2.7	3.3	3.8	4.0	4.0	3.8	3.3	2.7	2.0	1.2	0.6	0.5			
60		0.9	1.8	2.8	3.7	4.4	4.9	5.1	5.1	4.9	4.4	3.7	2.8	1.8	0.9				
50	0.9	1.2	2.2	3.4	4.3	5.3	6.0	6.4	6.4	6.0	5.3	4.3	3.4	2.2	1.2	0.9			
40		1.4	2.6	3.8	5.1	6.9	9.1	10.9	10.9	9.1	6.9	5.1	3.8	2.6	1.4				
30	1.2	1.6	2.8	4.2	6.3	11.4	34.3	66.8	66.8	34.3	11.4	6.3	4.2	2.8	1.6	1.2			
20		1.7	2.9	4.4	7.9	33.9	156.3	401.9	401.9	156.3	33.9	7.9	4.4	2.9	1.7				
10	1.4	1.7	3.0	4.6	9.4	66.0	407.0	1437.9	1437.9	407.0	66.0	9.4	4.6	3.0	1.7	1.4			
0		1.7	3.0	4.6	9.4	66.0	407.0	1437.9	1437.9	407.0	66.0	9.4	4.6	3.0	1.7				
-10	1.2	1.7	2.9	4.4	7.9	33.9	156.3	401.9	401.9	156.3	33.9	7.9	4.4	2.9	1.7	1.2			
-20		1.6	2.8	4.2	6.3	11.4	34.3	66.8	66.8	34.3	11.4	6.3	4.2	2.8	1.6				
-30	0.9	1.4	2.6	3.8	5.1	6.9	9.1	10.9	10.9	9.1	6.9	5.1	3.8	2.6	1.4	0.9			
-40		1.2	2.2	3.4	4.3	5.3	6.0	6.4	6.4	6.0	5.3	4.3	3.4	2.2	1.2				
-50	0.5	0.9	1.8	2.8	3.7	4.4	4.9	5.1	5.1	4.9	4.4	3.7	2.8	1.8	0.9	0.5			
-60		0.6	1.2	2.0	2.7	3.3	3.8	4.0	4.0	3.8	3.3	2.7	2.0	1.2	0.6				
-70	0.1	1.1		3.0		4.8		5.6		4.8		3.0		1.1		0.1			
-80		1.1		3.0		4.8		5.6		4.8		3.0		1.1					
-90	0.1	1.1		3.0		4.8		5.6		4.8		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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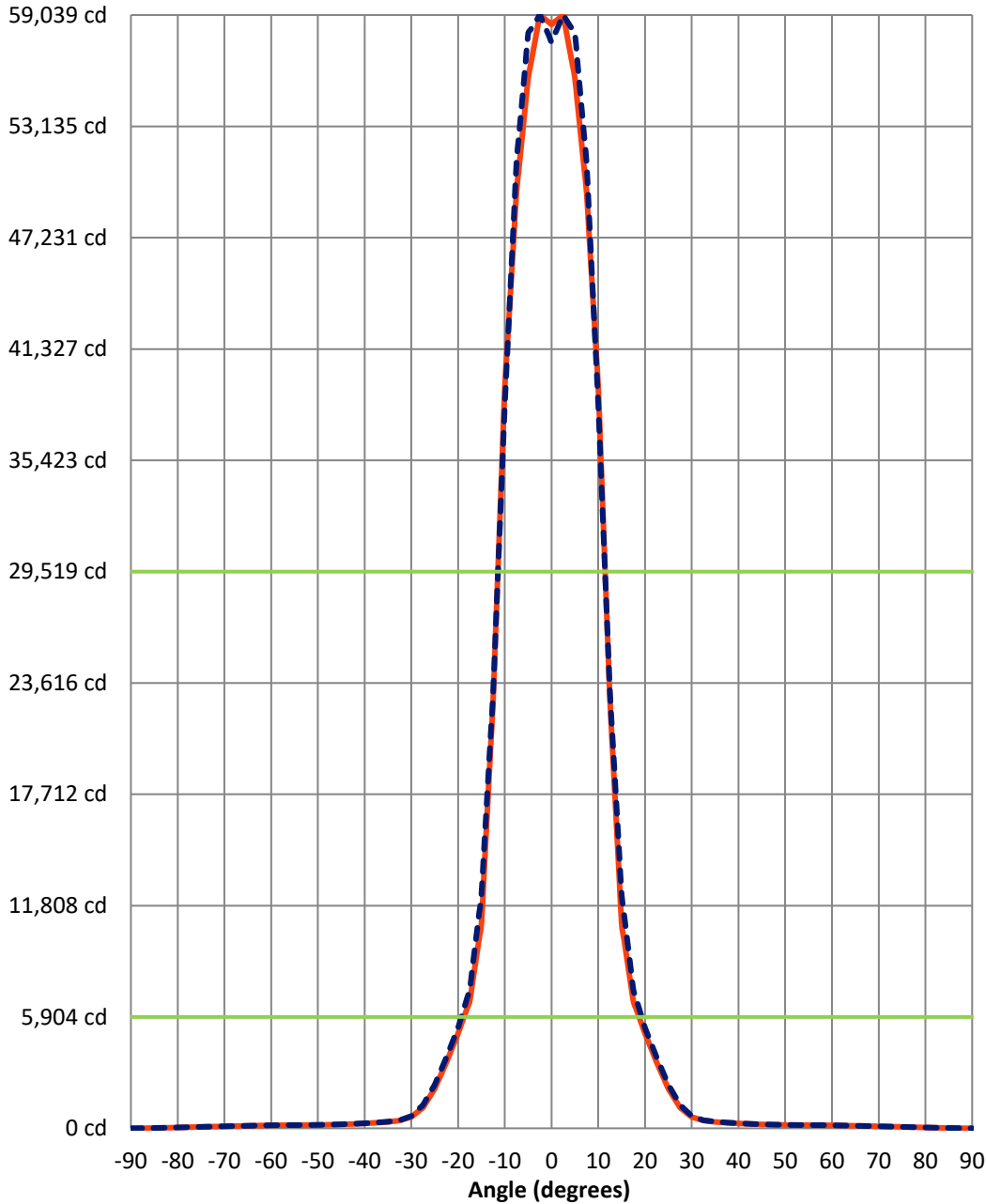
### Luminous Intensity Polar Plot



— 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: 6027.2  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 9089.3  
Efficiency: 81.4%

**Spill:**  
Lumens: 2074.9  
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	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.5	7.8	9.0
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.6	8.2	9.9	11.6	13.4
77.5°	0.0	1.4	2.7	4.1	5.4	7.0	9.0	11.0	13.2	15.4	17.8
75°	0.0	1.6	3.3	4.9	6.6	9.1	11.4	13.8	16.5	19.6	22.5
72.5°	0.0	1.9	3.8	5.7	8.3	11.1	13.7	16.8	20.5	24.0	27.3
70°	0.0	2.2	4.3	6.5	9.9	13.1	16.2	20.3	24.4	28.3	32.9
67.5°	0.0	2.4	4.8	7.8	11.5	15.1	19.2	23.8	28.3	33.6	38.8
65°	0.0	2.7	5.3	9.0	13.1	17.3	22.2	27.2	32.9	38.8	44.6
62.5°	0.0	2.9	5.8	10.2	14.7	19.7	25.1	31.0	37.5	43.9	50.7
60°	0.0	3.1	6.3	11.4	16.3	22.0	27.9	34.9	41.9	49.3	56.6
57.5°	0.0	3.4	7.1	12.5	18.0	24.2	31.1	38.7	46.5	54.5	62.4
55°	0.0	3.6	7.8	13.7	19.8	26.4	34.3	42.4	51.0	59.6	68.0
52.5°	0.0	3.8	8.6	14.8	21.4	28.6	37.3	46.3	55.5	64.6	73.5
50°	0.0	4.0	9.3	15.9	23.1	31.1	40.3	50.1	59.7	69.4	79.1
47.5°	0.0	4.3	9.9	16.9	24.6	33.5	43.3	53.7	63.9	74.0	84.5
45°	0.0	4.5	10.6	18.0	26.1	35.8	46.3	57.3	67.9	78.7	89.7
42.5°	0.0	4.6	11.2	19.1	27.5	38.0	49.3	60.7	71.8	83.3	94.5
40°	0.0	4.8	11.8	20.1	29.0	40.1	52.1	64.0	75.5	87.8	98.9
37.5°	0.0	5.0	12.4	21.0	30.6	42.1	54.8	67.1	79.3	91.8	103.1
35°	0.0	5.2	12.9	21.9	32.2	44.2	57.4	70.0	82.8	95.3	107.1
32.5°	0.0	5.3	13.4	22.8	33.6	46.2	59.9	72.8	86.0	98.6	110.9
30°	0.0	5.5	13.9	23.6	34.9	48.1	62.1	75.4	89.0	101.7	114.4
27.5°	0.0	5.6	14.3	24.3	36.2	49.9	64.1	77.8	91.7	104.6	117.6
25°	0.0	5.7	14.7	25.0	37.4	51.5	66.0	80.1	94.1	107.2	120.4
22.5°	0.0	5.8	15.1	25.6	38.5	53.1	67.8	82.1	96.2	109.5	122.9
20°	0.0	5.9	15.4	26.1	39.5	54.4	69.4	84.0	98.1	111.6	125.1
17.5°	0.0	6.0	15.7	26.6	40.4	55.6	70.7	85.6	99.8	113.3	127.1
15°	0.0	6.1	16.0	27.0	41.2	56.7	71.9	87.0	101.3	114.8	128.8
12.5°	0.0	6.2	16.2	27.4	42.0	57.5	72.9	88.1	102.6	116.0	130.1
10°	0.0	6.2	16.4	27.7	42.6	58.3	73.7	89.1	103.6	117.2	131.3
7.5°	0.0	6.2	16.5	27.9	43.1	58.8	74.4	89.8	104.5	118.3	132.1
5°	0.0	6.3	16.6	28.1	43.5	59.2	74.8	90.4	105.0	119.1	132.6
2.5°	0.0	6.3	16.7	28.2	43.7	59.4	75.1	90.7	105.4	119.7	132.7
0°	0.0	6.3	16.7	28.2	43.9	59.5	75.2	90.8	105.5	120.1	132.6
-2.5°	0.0	6.3	16.7	28.2	43.9	59.5	75.2	90.8	105.5	120.1	132.6
-5°	0.0	6.3	16.6	28.1	43.5	59.2	74.8	90.4	105.0	119.1	132.6
-7.5°	0.0	6.2	16.5	27.9	43.1	58.8	74.4	89.8	104.5	118.3	132.1
-10°	0.0	6.2	16.4	27.7	42.6	58.3	73.7	89.1	103.6	117.2	131.3
-12.5°	0.0	6.2	16.2	27.4	42.0	57.5	72.9	88.1	102.6	116.0	130.1
-15°	0.0	6.1	16.0	27.0	41.2	56.7	71.9	87.0	101.3	114.8	128.8
-17.5°	0.0	6.0	15.7	26.6	40.4	55.6	70.7	85.6	99.8	113.3	127.1
-20°	0.0	5.9	15.4	26.1	39.5	54.4	69.4	84.0	98.1	111.6	125.1



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 CATALOG NUMBER: GFLD-SA2E-930-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	5.8	15.1	25.6	38.5	53.1	67.8	82.1	96.2	109.5	122.9
-25°	0.0	5.7	14.7	25.0	37.4	51.5	66.0	80.1	94.1	107.2	120.4
-27.5°	0.0	5.6	14.3	24.3	36.2	49.9	64.1	77.8	91.7	104.6	117.6
-30°	0.0	5.5	13.9	23.6	34.9	48.1	62.1	75.4	89.0	101.7	114.4
-32.5°	0.0	5.3	13.4	22.8	33.6	46.2	59.9	72.8	86.0	98.6	110.9
-35°	0.0	5.2	12.9	21.9	32.2	44.2	57.4	70.0	82.8	95.3	107.1
-37.5°	0.0	5.0	12.4	21.0	30.6	42.1	54.8	67.1	79.3	91.8	103.1
-40°	0.0	4.8	11.8	20.1	29.0	40.1	52.1	64.0	75.5	87.8	98.9
-42.5°	0.0	4.6	11.2	19.1	27.5	38.0	49.3	60.7	71.8	83.3	94.5
-45°	0.0	4.5	10.6	18.0	26.1	35.8	46.3	57.3	67.9	78.7	89.7
-47.5°	0.0	4.3	9.9	16.9	24.6	33.5	43.3	53.7	63.9	74.0	84.5
-50°	0.0	4.0	9.3	15.9	23.1	31.1	40.3	50.1	59.7	69.4	79.1
-52.5°	0.0	3.8	8.6	14.8	21.4	28.6	37.3	46.3	55.5	64.6	73.5
-55°	0.0	3.6	7.8	13.7	19.8	26.4	34.3	42.4	51.0	59.6	68.0
-57.5°	0.0	3.4	7.1	12.5	18.0	24.2	31.1	38.7	46.5	54.5	62.4
-60°	0.0	3.1	6.3	11.4	16.3	22.0	27.9	34.9	41.9	49.3	56.6
-62.5°	0.0	2.9	5.8	10.2	14.7	19.7	25.1	31.0	37.5	43.9	50.7
-65°	0.0	2.7	5.3	9.0	13.1	17.3	22.2	27.2	32.9	38.8	44.6
-67.5°	0.0	2.4	4.8	7.8	11.5	15.1	19.2	23.8	28.3	33.6	38.8
-70°	0.0	2.2	4.3	6.5	9.9	13.1	16.2	20.3	24.4	28.3	32.9
-72.5°	0.0	1.9	3.8	5.7	8.3	11.1	13.7	16.8	20.5	24.0	27.3
-75°	0.0	1.6	3.3	4.9	6.6	9.1	11.4	13.8	16.5	19.6	22.5
-77.5°	0.0	1.4	2.7	4.1	5.4	7.0	9.0	11.0	13.2	15.4	17.8
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.6	8.2	9.9	11.6	13.4
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.5	7.8	9.0
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	3.8	4.3	4.8	5.3
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	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°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
85°	5.8	6.3	7.0	7.7	8.3	8.8	9.3	9.7	10.4	11.0	11.6
82.5°	10.2	11.2	12.2	13.1	13.8	14.5	15.2	16.2	17.6	18.8	20.0
80°	14.9	16.2	17.7	19.3	20.9	22.5	24.1	25.8	27.2	28.6	30.1
77.5°	19.9	22.1	24.2	26.4	28.6	31.1	33.5	35.8	38.0	40.1	42.1
75°	25.2	27.9	31.1	34.3	37.3	40.3	43.3	46.2	49.1	51.8	54.4
72.5°	31.0	34.9	38.7	42.4	46.4	50.3	53.9	57.2	60.7	64.2	67.4
70°	37.5	41.9	46.6	51.5	56.2	60.5	64.7	69.1	73.3	77.1	80.3
67.5°	43.9	49.4	54.9	60.4	65.6	70.5	75.6	80.4	84.9	88.8	92.4
65°	50.7	56.8	62.9	68.8	74.6	80.5	86.0	91.2	96.0	100.4	104.5
62.5°	57.3	64.0	70.6	77.2	83.9	90.4	96.2	101.7	107.0	111.7	116.1
60°	63.8	71.0	78.3	85.7	93.0	99.7	106.0	111.7	117.1	122.3	126.9
57.5°	70.1	77.9	85.9	93.8	101.5	108.8	115.1	121.2	126.8	132.0	136.9
55°	76.4	84.6	93.2	101.5	109.6	117.0	123.8	130.0	135.9	140.7	145.2
52.5°	82.6	91.2	100.2	108.9	117.1	124.8	131.9	138.1	143.4	148.3	152.4
50°	88.6	97.7	106.9	115.7	124.2	132.1	139.2	145.1	150.2	154.7	158.5
47.5°	94.3	103.9	113.0	122.2	130.8	138.6	145.5	151.1	156.1	160.2	163.8
45°	99.8	109.7	119.2	128.1	136.8	144.6	151.0	156.6	161.2	165.3	168.9
42.5°	104.9	115.3	124.9	133.9	142.4	149.8	156.1	161.4	166.1	170.1	174.1
40°	109.9	120.7	130.4	139.2	147.5	154.6	160.5	165.9	170.5	175.1	179.4
37.5°	114.6	125.6	135.7	144.6	151.9	158.8	164.7	170.0	175.2	180.3	186.0
35°	119.2	130.4	140.5	149.3	156.5	162.6	168.5	174.3	180.4	186.7	193.4
32.5°	123.5	135.0	145.2	153.3	160.0	166.1	172.3	179.3	186.4	193.6	202.0
30°	127.3	139.1	149.4	156.9	163.2	169.3	176.6	184.6	192.9	201.2	210.9
27.5°	130.7	143.0	152.5	159.9	166.0	171.9	180.0	190.4	199.4	208.3	219.0
25°	133.7	146.0	155.5	162.3	168.1	174.4	182.9	193.5	204.9	214.6	229.5
22.5°	136.4	148.8	158.2	164.5	169.8	176.6	185.1	195.6	207.3	219.5	240.1
20°	138.6	150.9	160.4	166.4	171.1	178.1	186.4	197.0	210.1	227.7	250.5
17.5°	140.6	153.0	162.2	167.7	172.6	179.2	186.8	197.9	213.1	235.0	260.1
15°	142.3	155.0	163.6	168.7	173.8	180.3	188.5	200.1	217.6	241.8	268.8
12.5°	143.7	157.0	164.8	169.6	174.5	181.1	190.4	203.6	223.0	248.6	278.5
10°	144.8	158.8	165.7	170.2	174.9	181.6	192.0	206.3	227.5	254.9	287.0
7.5°	145.8	160.2	166.5	170.7	175.0	181.9	193.3	208.3	230.8	260.1	294.2
5°	146.6	161.2	167.2	171.1	174.9	182.0	194.3	209.5	232.8	264.0	299.6
2.5°	147.0	161.7	167.7	171.2	174.7	182.0	195.0	211.6	235.3	266.9	302.9
0°	147.2	161.9	168.1	171.3	174.4	181.7	195.3	213.0	237.0	268.4	303.9
-2.5°	147.0	161.7	167.7	171.2	174.7	182.0	195.0	211.6	235.3	266.9	302.9
-5°	146.6	161.2	167.2	171.1	174.9	182.0	194.3	209.5	232.8	264.0	299.6
-7.5°	145.8	160.2	166.5	170.7	175.0	181.9	193.3	208.3	230.8	260.1	294.2
-10°	144.8	158.8	165.7	170.2	174.9	181.6	192.0	206.3	227.5	254.9	287.0
-12.5°	143.7	157.0	164.8	169.6	174.5	181.1	190.4	203.6	223.0	248.6	278.5
-15°	142.3	155.0	163.6	168.7	173.8	180.3	188.5	200.1	217.6	241.8	268.8
-17.5°	140.6	153.0	162.2	167.7	172.6	179.2	186.8	197.9	213.1	235.0	260.1
-20°	138.6	150.9	160.4	166.4	171.1	178.1	186.4	197.0	210.1	227.7	250.5



REPORT NUMBER: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-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°	136.4	148.8	158.2	164.5	169.8	176.6	185.1	195.6	207.3	219.5	240.1
-25°	133.7	146.0	155.5	162.3	168.1	174.4	182.9	193.5	204.9	214.6	229.5
-27.5°	130.7	143.0	152.5	159.9	166.0	171.9	180.0	190.4	199.4	208.3	219.0
-30°	127.3	139.1	149.4	156.9	163.2	169.3	176.6	184.6	192.9	201.2	210.9
-32.5°	123.5	135.0	145.2	153.3	160.0	166.1	172.3	179.3	186.4	193.6	202.0
-35°	119.2	130.4	140.5	149.3	156.5	162.6	168.5	174.3	180.4	186.7	193.4
-37.5°	114.6	125.6	135.7	144.6	151.9	158.8	164.7	170.0	175.2	180.3	186.0
-40°	109.9	120.7	130.4	139.2	147.5	154.6	160.5	165.9	170.5	175.1	179.4
-42.5°	104.9	115.3	124.9	133.9	142.4	149.8	156.1	161.4	166.1	170.1	174.1
-45°	99.8	109.7	119.2	128.1	136.8	144.6	151.0	156.6	161.2	165.3	168.9
-47.5°	94.3	103.9	113.0	122.2	130.8	138.6	145.5	151.1	156.1	160.2	163.8
-50°	88.6	97.7	106.9	115.7	124.2	132.1	139.2	145.1	150.2	154.7	158.5
-52.5°	82.6	91.2	100.2	108.9	117.1	124.8	131.9	138.1	143.4	148.3	152.4
-55°	76.4	84.6	93.2	101.5	109.6	117.0	123.8	130.0	135.9	140.7	145.2
-57.5°	70.1	77.9	85.9	93.8	101.5	108.8	115.1	121.2	126.8	132.0	136.9
-60°	63.8	71.0	78.3	85.7	93.0	99.7	106.0	111.7	117.1	122.3	126.9
-62.5°	57.3	64.0	70.6	77.2	83.9	90.4	96.2	101.7	107.0	111.7	116.1
-65°	50.7	56.8	62.9	68.8	74.6	80.5	86.0	91.2	96.0	100.4	104.5
-67.5°	43.9	49.4	54.9	60.4	65.6	70.5	75.6	80.4	84.9	88.8	92.4
-70°	37.5	41.9	46.6	51.5	56.2	60.5	64.7	69.1	73.3	77.1	80.3
-72.5°	31.0	34.9	38.7	42.4	46.4	50.3	53.9	57.2	60.7	64.2	67.4
-75°	25.2	27.9	31.1	34.3	37.3	40.3	43.3	46.2	49.1	51.8	54.4
-77.5°	19.9	22.1	24.2	26.4	28.6	31.1	33.5	35.8	38.0	40.1	42.1
-80°	14.9	16.2	17.7	19.3	20.9	22.5	24.1	25.8	27.2	28.6	30.1
-82.5°	10.2	11.2	12.2	13.1	13.8	14.5	15.2	16.2	17.6	18.8	20.0
-85°	5.8	6.3	7.0	7.7	8.3	8.8	9.3	9.7	10.4	11.0	11.6
-87.5°	2.9	3.1	3.4	3.6	3.8	4.0	4.3	4.5	4.6	4.8	5.0
-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: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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	5.1	5.0	4.9	4.7	5.1	5.4	5.7	6.1	6.2	6.2
85°	12.3	12.7	13.0	13.4	13.7	14.1	14.5	14.8	15.1	15.5	15.9
82.5°	20.9	21.8	22.6	23.3	24.0	24.7	25.5	26.2	26.9	27.3	27.6
80°	31.5	32.9	34.2	35.3	36.3	37.5	38.7	39.8	40.8	41.4	41.9
77.5°	44.1	45.9	47.5	49.1	50.6	52.0	53.2	54.1	54.9	55.9	56.8
75°	56.9	59.2	61.4	63.4	65.2	66.7	68.2	69.5	70.6	71.7	72.6
72.5°	70.3	73.0	75.4	77.6	79.6	81.6	83.5	85.2	86.7	87.9	89.0
70°	83.3	86.2	89.1	91.8	94.3	96.6	98.6	100.5	102.0	103.4	104.5
67.5°	95.9	99.1	102.4	105.5	108.2	110.6	112.9	115.1	117.0	118.5	119.5
65°	108.4	112.0	115.6	118.7	121.5	124.0	126.6	128.9	130.8	132.2	133.2
62.5°	120.5	124.5	127.9	131.2	134.3	136.9	139.1	141.2	143.1	144.7	145.6
60°	131.3	135.5	138.8	141.9	144.7	147.2	149.5	151.6	153.7	155.5	156.8
57.5°	140.9	144.7	148.1	150.8	153.4	155.7	157.9	159.6	161.1	162.1	163.1
55°	149.2	152.6	155.8	158.5	160.7	162.6	164.2	165.5	166.5	167.2	167.8
52.5°	156.3	159.4	162.6	165.3	167.0	168.5	169.9	171.4	172.3	172.5	172.4
50°	162.0	165.4	168.2	170.6	172.9	175.5	178.3	179.6	180.2	179.8	179.4
47.5°	167.3	170.6	173.7	176.6	180.0	184.4	188.8	190.9	190.8	189.8	189.4
45°	172.5	176.0	179.6	184.1	188.9	194.6	199.8	203.1	203.1	203.2	204.0
42.5°	177.8	182.2	187.2	193.3	199.6	206.0	211.5	215.6	218.6	222.4	225.5
40°	184.4	189.4	196.8	204.3	212.5	219.3	227.9	235.3	241.4	246.9	251.1
37.5°	192.1	199.2	208.6	218.4	229.0	239.6	249.7	259.0	267.0	276.2	283.0
35°	201.4	211.5	223.0	235.2	248.3	261.8	274.8	289.8	302.9	314.7	324.3
32.5°	212.3	224.5	238.5	254.8	271.2	289.0	307.6	326.9	345.4	364.7	384.0
30°	223.2	239.3	257.3	276.9	296.2	319.5	343.8	375.2	408.1	445.8	503.6
27.5°	236.4	255.8	276.6	299.3	325.8	355.5	402.2	460.4	559.7	633.9	833.0
25°	249.4	271.5	298.3	327.6	363.2	417.7	529.4	658.6	946.4	1215.8	1527.0
22.5°	262.6	290.1	322.2	358.0	419.9	560.0	772.8	1162.4	1606.9	2078.8	2559.3
20°	275.9	308.2	348.5	408.3	537.9	777.6	1255.2	1881.2	2512.9	3284.4	3951.7
17.5°	290.9	331.0	383.5	473.5	687.1	1200.7	1907.1	2775.8	3753.2	4745.1	5578.1
15°	303.2	350.1	420.6	596.5	999.7	1681.1	2605.4	3783.0	5115.7	6369.8	7439.5
12.5°	316.8	371.5	464.2	696.3	1288.1	2184.0	3402.1	4851.2	6450.0	8168.4	10889.2
10°	329.4	392.9	537.2	903.4	1620.5	2692.1	4115.6	5748.3	7687.3	11127.8	17559.3
7.5°	340.0	410.0	592.1	1057.8	1921.4	3171.5	4697.2	6515.4	9430.7	15210.8	26033.5
5°	347.2	421.3	630.3	1173.3	2161.1	3525.2	5069.1	7020.6	11209.3	20201.8	33233.4
2.5°	352.3	427.4	650.6	1240.7	2312.8	3759.3	5332.5	7360.5	12403.4	23088.8	38356.9
0°	356.1	429.2	654.7	1299.0	2364.2	3838.6	5345.5	7451.7	12812.8	24216.0	40182.4
-2.5°	352.3	427.4	650.6	1240.7	2312.8	3759.3	5332.5	7360.5	12403.4	23088.8	38356.9
-5°	347.2	421.3	630.3	1173.3	2161.1	3525.2	5069.1	7020.6	11209.3	20201.8	33233.4
-7.5°	340.0	410.0	592.1	1057.8	1921.4	3171.5	4697.2	6515.4	9430.7	15210.8	26033.5
-10°	329.4	392.9	537.2	903.4	1620.5	2692.1	4115.6	5748.3	7687.3	11127.8	17559.3
-12.5°	316.8	371.5	464.2	696.3	1288.1	2184.0	3402.1	4851.2	6450.0	8168.4	10889.2
-15°	303.2	350.1	420.6	596.5	999.7	1681.1	2605.4	3783.0	5115.7	6369.8	7439.5
-17.5°	290.9	331.0	383.5	473.5	687.1	1200.7	1907.1	2775.8	3753.2	4745.1	5578.1
-20°	275.9	308.2	348.5	408.3	537.9	777.6	1255.2	1881.2	2512.9	3284.4	3951.7



REPORT NUMBER: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	262.6	290.1	322.2	358.0	419.9	560.0	772.8	1162.4	1606.9	2078.8	2559.3
-25°	249.4	271.5	298.3	327.6	363.2	417.7	529.4	658.6	946.4	1215.8	1527.0
-27.5°	236.4	255.8	276.6	299.3	325.8	355.5	402.2	460.4	559.7	633.9	833.0
-30°	223.2	239.3	257.3	276.9	296.2	319.5	343.8	375.2	408.1	445.8	503.6
-32.5°	212.3	224.5	238.5	254.8	271.2	289.0	307.6	326.9	345.4	364.7	384.0
-35°	201.4	211.5	223.0	235.2	248.3	261.8	274.8	289.8	302.9	314.7	324.3
-37.5°	192.1	199.2	208.6	218.4	229.0	239.6	249.7	259.0	267.0	276.2	283.0
-40°	184.4	189.4	196.8	204.3	212.5	219.3	227.9	235.3	241.4	246.9	251.1
-42.5°	177.8	182.2	187.2	193.3	199.6	206.0	211.5	215.6	218.6	222.4	225.5
-45°	172.5	176.0	179.6	184.1	188.9	194.6	199.8	203.1	203.1	203.2	204.0
-47.5°	167.3	170.6	173.7	176.6	180.0	184.4	188.8	190.9	190.8	189.8	189.4
-50°	162.0	165.4	168.2	170.6	172.9	175.5	178.3	179.6	180.2	179.8	179.4
-52.5°	156.3	159.4	162.6	165.3	167.0	168.5	169.9	171.4	172.3	172.5	172.4
-55°	149.2	152.6	155.8	158.5	160.7	162.6	164.2	165.5	166.5	167.2	167.8
-57.5°	140.9	144.7	148.1	150.8	153.4	155.7	157.9	159.6	161.1	162.1	163.1
-60°	131.3	135.5	138.8	141.9	144.7	147.2	149.5	151.6	153.7	155.5	156.8
-62.5°	120.5	124.5	127.9	131.2	134.3	136.9	139.1	141.2	143.1	144.7	145.6
-65°	108.4	112.0	115.6	118.7	121.5	124.0	126.6	128.9	130.8	132.2	133.2
-67.5°	95.9	99.1	102.4	105.5	108.2	110.6	112.9	115.1	117.0	118.5	119.5
-70°	83.3	86.2	89.1	91.8	94.3	96.6	98.6	100.5	102.0	103.4	104.5
-72.5°	70.3	73.0	75.4	77.6	79.6	81.6	83.5	85.2	86.7	87.9	89.0
-75°	56.9	59.2	61.4	63.4	65.2	66.7	68.2	69.5	70.6	71.7	72.6
-77.5°	44.1	45.9	47.5	49.1	50.6	52.0	53.2	54.1	54.9	55.9	56.8
-80°	31.5	32.9	34.2	35.3	36.3	37.5	38.7	39.8	40.8	41.4	41.9
-82.5°	20.9	21.8	22.6	23.3	24.0	24.7	25.5	26.2	26.9	27.3	27.6
-85°	12.3	12.7	13.0	13.4	13.7	14.1	14.5	14.8	15.1	15.5	15.9
-87.5°	5.2	5.1	5.0	4.9	4.7	5.1	5.4	5.7	6.1	6.2	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: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-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°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	5.7
85°	16.3	16.6	16.2	15.7	16.2	16.6	16.3	15.9	15.5	15.1	14.8
82.5°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.2
80°	42.3	42.6	43.3	43.9	43.3	42.6	42.3	41.9	41.4	40.8	39.8
77.5°	57.5	58.2	58.4	58.5	58.4	58.2	57.5	56.8	55.9	54.9	54.1
75°	73.3	73.7	75.0	76.2	75.0	73.7	73.3	72.6	71.7	70.6	69.5
72.5°	89.8	90.3	91.2	91.9	91.2	90.3	89.8	89.0	87.9	86.7	85.2
70°	105.4	106.0	106.4	106.5	106.4	106.0	105.4	104.5	103.4	102.0	100.5
67.5°	120.2	120.6	120.5	120.1	120.5	120.6	120.2	119.5	118.5	117.0	115.1
65°	133.8	134.2	134.1	133.7	134.1	134.2	133.8	133.2	132.2	130.8	128.9
62.5°	146.3	146.7	147.1	147.2	147.1	146.7	146.3	145.6	144.7	143.1	141.2
60°	158.1	159.1	159.6	159.8	159.6	159.1	158.1	156.8	155.5	153.7	151.6
57.5°	163.9	164.6	164.9	165.0	164.9	164.6	163.9	163.1	162.1	161.1	159.6
55°	168.0	168.0	167.7	167.1	167.7	168.0	168.0	167.8	167.2	166.5	165.5
52.5°	172.1	171.5	171.2	171.3	171.2	171.5	172.1	172.4	172.5	172.3	171.4
50°	178.8	177.8	177.4	177.5	177.4	177.8	178.8	179.4	179.8	180.2	179.6
47.5°	190.0	190.4	190.8	191.1	190.8	190.4	190.0	189.4	189.8	190.8	190.9
45°	206.1	207.5	208.4	208.8	208.4	207.5	206.1	204.0	203.2	203.1	203.1
42.5°	228.6	230.3	231.0	230.8	231.0	230.3	228.6	225.5	222.4	218.6	215.6
40°	255.6	259.1	261.1	261.1	261.1	259.1	255.6	251.1	246.9	241.4	235.3
37.5°	289.2	293.9	296.2	295.5	296.2	293.9	289.2	283.0	276.2	267.0	259.0
35°	331.6	336.3	338.2	340.4	338.2	336.3	331.6	324.3	314.7	302.9	289.8
32.5°	399.2	408.7	412.4	407.3	412.4	408.7	399.2	384.0	364.7	345.4	326.9
30°	542.7	577.3	600.5	611.9	600.5	577.3	542.7	503.6	445.8	408.1	375.2
27.5°	970.1	1060.9	1099.3	1120.5	1099.3	1060.9	970.1	833.0	633.9	559.7	460.4
25°	1793.5	1987.2	2098.6	2089.5	2098.6	1987.2	1793.5	1527.0	1215.8	946.4	658.6
22.5°	3005.8	3311.3	3494.5	3561.9	3494.5	3311.3	3005.8	2559.3	2078.8	1606.9	1162.4
20°	4508.7	4851.3	5030.4	5057.3	5030.4	4851.3	4508.7	3951.7	3284.4	2512.9	1881.2
17.5°	6233.6	6558.4	6747.1	6744.8	6747.1	6558.4	6233.6	5578.1	4745.1	3753.2	2775.8
15°	8896.4	10153.6	10862.4	10758.8	10862.4	10153.6	8896.4	7439.5	6369.8	5115.7	3783.0
12.5°	14577.4	19598.3	22712.7	23481.9	22712.7	19598.3	14577.4	10889.2	8168.4	6450.0	4851.2
10°	25760.3	33271.8	39270.6	41004.2	39270.6	33271.8	25760.3	17559.3	11127.8	7687.3	5748.3
7.5°	37054.4	45969.4	49638.4	50064.6	49638.4	45969.4	37054.4	26033.5	15210.8	9430.7	6515.4
5°	45579.3	54650.7	55700.6	53063.1	55700.6	54650.7	45579.3	33233.4	20201.8	11209.3	7020.6
2.5°	51206.5	58060.0	59038.8	57619.2	59038.8	58060.0	51206.5	38356.9	23088.8	12403.4	7360.5
0°	52489.9	57153.4	58543.8	58695.8	58543.8	57153.4	52489.9	40182.4	24216.0	12812.8	7451.7
-2.5°	51206.5	58060.0	59038.8	57619.2	59038.8	58060.0	51206.5	38356.9	23088.8	12403.4	7360.5
-5°	45579.3	54650.7	55700.6	53063.1	55700.6	54650.7	45579.3	33233.4	20201.8	11209.3	7020.6
-7.5°	37054.4	45969.4	49638.4	50064.6	49638.4	45969.4	37054.4	26033.5	15210.8	9430.7	6515.4
-10°	25760.3	33271.8	39270.6	41004.2	39270.6	33271.8	25760.3	17559.3	11127.8	7687.3	5748.3
-12.5°	14577.4	19598.3	22712.7	23481.9	22712.7	19598.3	14577.4	10889.2	8168.4	6450.0	4851.2
-15°	8896.4	10153.6	10862.4	10758.8	10862.4	10153.6	8896.4	7439.5	6369.8	5115.7	3783.0
-17.5°	6233.6	6558.4	6747.1	6744.8	6747.1	6558.4	6233.6	5578.1	4745.1	3753.2	2775.8
-20°	4508.7	4851.3	5030.4	5057.3	5030.4	4851.3	4508.7	3951.7	3284.4	2512.9	1881.2



REPORT NUMBER: P558727 (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°	3005.8	3311.3	3494.5	3561.9	3494.5	3311.3	3005.8	2559.3	2078.8	1606.9	1162.4
-25°	1793.5	1987.2	2098.6	2089.5	2098.6	1987.2	1793.5	1527.0	1215.8	946.4	658.6
-27.5°	970.1	1060.9	1099.3	1120.5	1099.3	1060.9	970.1	833.0	633.9	559.7	460.4
-30°	542.7	577.3	600.5	611.9	600.5	577.3	542.7	503.6	445.8	408.1	375.2
-32.5°	399.2	408.7	412.4	407.3	412.4	408.7	399.2	384.0	364.7	345.4	326.9
-35°	331.6	336.3	338.2	340.4	338.2	336.3	331.6	324.3	314.7	302.9	289.8
-37.5°	289.2	293.9	296.2	295.5	296.2	293.9	289.2	283.0	276.2	267.0	259.0
-40°	255.6	259.1	261.1	261.1	261.1	259.1	255.6	251.1	246.9	241.4	235.3
-42.5°	228.6	230.3	231.0	230.8	231.0	230.3	228.6	225.5	222.4	218.6	215.6
-45°	206.1	207.5	208.4	208.8	208.4	207.5	206.1	204.0	203.2	203.1	203.1
-47.5°	190.0	190.4	190.8	191.1	190.8	190.4	190.0	189.4	189.8	190.8	190.9
-50°	178.8	177.8	177.4	177.5	177.4	177.8	178.8	179.4	179.8	180.2	179.6
-52.5°	172.1	171.5	171.2	171.3	171.2	171.5	172.1	172.4	172.5	172.3	171.4
-55°	168.0	168.0	167.7	167.1	167.7	168.0	168.0	167.8	167.2	166.5	165.5
-57.5°	163.9	164.6	164.9	165.0	164.9	164.6	163.9	163.1	162.1	161.1	159.6
-60°	158.1	159.1	159.6	159.8	159.6	159.1	158.1	156.8	155.5	153.7	151.6
-62.5°	146.3	146.7	147.1	147.2	147.1	146.7	146.3	145.6	144.7	143.1	141.2
-65°	133.8	134.2	134.1	133.7	134.1	134.2	133.8	133.2	132.2	130.8	128.9
-67.5°	120.2	120.6	120.5	120.1	120.5	120.6	120.2	119.5	118.5	117.0	115.1
-70°	105.4	106.0	106.4	106.5	106.4	106.0	105.4	104.5	103.4	102.0	100.5
-72.5°	89.8	90.3	91.2	91.9	91.2	90.3	89.8	89.0	87.9	86.7	85.2
-75°	73.3	73.7	75.0	76.2	75.0	73.7	73.3	72.6	71.7	70.6	69.5
-77.5°	57.5	58.2	58.4	58.5	58.4	58.2	57.5	56.8	55.9	54.9	54.1
-80°	42.3	42.6	43.3	43.9	43.3	42.6	42.3	41.9	41.4	40.8	39.8
-82.5°	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.6	27.3	26.9	26.2
-85°	16.3	16.6	16.2	15.7	16.2	16.6	16.3	15.9	15.5	15.1	14.8
-87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	5.7
-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: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-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°	5.4	5.1	4.7	4.9	5.0	5.1	5.2	5.0	4.8	4.6	4.5
85°	14.5	14.1	13.7	13.4	13.0	12.7	12.3	11.6	11.0	10.4	9.7
82.5°	25.5	24.7	24.0	23.3	22.6	21.8	20.9	20.0	18.8	17.6	16.2
80°	38.7	37.5	36.3	35.3	34.2	32.9	31.5	30.1	28.6	27.2	25.8
77.5°	53.2	52.0	50.6	49.1	47.5	45.9	44.1	42.1	40.1	38.0	35.8
75°	68.2	66.7	65.2	63.4	61.4	59.2	56.9	54.4	51.8	49.1	46.2
72.5°	83.5	81.6	79.6	77.6	75.4	73.0	70.3	67.4	64.2	60.7	57.2
70°	98.6	96.6	94.3	91.8	89.1	86.2	83.3	80.3	77.1	73.3	69.1
67.5°	112.9	110.6	108.2	105.5	102.4	99.1	95.9	92.4	88.8	84.9	80.4
65°	126.6	124.0	121.5	118.7	115.6	112.0	108.4	104.5	100.4	96.0	91.2
62.5°	139.1	136.9	134.3	131.2	127.9	124.5	120.5	116.1	111.7	107.0	101.7
60°	149.5	147.2	144.7	141.9	138.8	135.5	131.3	126.9	122.3	117.1	111.7
57.5°	157.9	155.7	153.4	150.8	148.1	144.7	140.9	136.9	132.0	126.8	121.2
55°	164.2	162.6	160.7	158.5	155.8	152.6	149.2	145.2	140.7	135.9	130.0
52.5°	169.9	168.5	167.0	165.3	162.6	159.4	156.3	152.4	148.3	143.4	138.1
50°	178.3	175.5	172.9	170.6	168.2	165.4	162.0	158.5	154.7	150.2	145.1
47.5°	188.8	184.4	180.0	176.6	173.7	170.6	167.3	163.8	160.2	156.1	151.1
45°	199.8	194.6	188.9	184.1	179.6	176.0	172.5	168.9	165.3	161.2	156.6
42.5°	211.5	206.0	199.6	193.3	187.2	182.2	177.8	174.1	170.1	166.1	161.4
40°	227.9	219.3	212.5	204.3	196.8	189.4	184.4	179.4	175.1	170.5	165.9
37.5°	249.7	239.6	229.0	218.4	208.6	199.2	192.1	186.0	180.3	175.2	170.0
35°	274.8	261.8	248.3	235.2	223.0	211.5	201.4	193.4	186.7	180.4	174.3
32.5°	307.6	289.0	271.2	254.8	238.5	224.5	212.3	202.0	193.6	186.4	179.3
30°	343.8	319.5	296.2	276.9	257.3	239.3	223.2	210.9	201.2	192.9	184.6
27.5°	402.2	355.5	325.8	299.3	276.6	255.8	236.4	219.0	208.3	199.4	190.4
25°	529.4	417.7	363.2	327.6	298.3	271.5	249.4	229.5	214.6	204.9	193.5
22.5°	772.8	560.0	419.9	358.0	322.2	290.1	262.6	240.1	219.5	207.3	195.6
20°	1255.2	777.6	537.9	408.3	348.5	308.2	275.9	250.5	227.7	210.1	197.0
17.5°	1907.1	1200.7	687.1	473.5	383.5	331.0	290.9	260.1	235.0	213.1	197.9
15°	2605.4	1681.1	999.7	596.5	420.6	350.1	303.2	268.8	241.8	217.6	200.1
12.5°	3402.1	2184.0	1288.1	696.3	464.2	371.5	316.8	278.5	248.6	223.0	203.6
10°	4115.6	2692.1	1620.5	903.4	537.2	392.9	329.4	287.0	254.9	227.5	206.3
7.5°	4697.2	3171.5	1921.4	1057.8	592.1	410.0	340.0	294.2	260.1	230.8	208.3
5°	5069.1	3525.2	2161.1	1173.3	630.3	421.3	347.2	299.6	264.0	232.8	209.5
2.5°	5332.5	3759.3	2312.8	1240.7	650.6	427.4	352.3	302.9	266.9	235.3	211.6
0°	5345.5	3838.6	2364.2	1299.0	654.7	429.2	356.1	303.9	268.4	237.0	213.0
-2.5°	5332.5	3759.3	2312.8	1240.7	650.6	427.4	352.3	302.9	266.9	235.3	211.6
-5°	5069.1	3525.2	2161.1	1173.3	630.3	421.3	347.2	299.6	264.0	232.8	209.5
-7.5°	4697.2	3171.5	1921.4	1057.8	592.1	410.0	340.0	294.2	260.1	230.8	208.3
-10°	4115.6	2692.1	1620.5	903.4	537.2	392.9	329.4	287.0	254.9	227.5	206.3
-12.5°	3402.1	2184.0	1288.1	696.3	464.2	371.5	316.8	278.5	248.6	223.0	203.6
-15°	2605.4	1681.1	999.7	596.5	420.6	350.1	303.2	268.8	241.8	217.6	200.1
-17.5°	1907.1	1200.7	687.1	473.5	383.5	331.0	290.9	260.1	235.0	213.1	197.9
-20°	1255.2	777.6	537.9	408.3	348.5	308.2	275.9	250.5	227.7	210.1	197.0



REPORT NUMBER: P558727 (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°	772.8	560.0	419.9	358.0	322.2	290.1	262.6	240.1	219.5	207.3	195.6
-25°	529.4	417.7	363.2	327.6	298.3	271.5	249.4	229.5	214.6	204.9	193.5
-27.5°	402.2	355.5	325.8	299.3	276.6	255.8	236.4	219.0	208.3	199.4	190.4
-30°	343.8	319.5	296.2	276.9	257.3	239.3	223.2	210.9	201.2	192.9	184.6
-32.5°	307.6	289.0	271.2	254.8	238.5	224.5	212.3	202.0	193.6	186.4	179.3
-35°	274.8	261.8	248.3	235.2	223.0	211.5	201.4	193.4	186.7	180.4	174.3
-37.5°	249.7	239.6	229.0	218.4	208.6	199.2	192.1	186.0	180.3	175.2	170.0
-40°	227.9	219.3	212.5	204.3	196.8	189.4	184.4	179.4	175.1	170.5	165.9
-42.5°	211.5	206.0	199.6	193.3	187.2	182.2	177.8	174.1	170.1	166.1	161.4
-45°	199.8	194.6	188.9	184.1	179.6	176.0	172.5	168.9	165.3	161.2	156.6
-47.5°	188.8	184.4	180.0	176.6	173.7	170.6	167.3	163.8	160.2	156.1	151.1
-50°	178.3	175.5	172.9	170.6	168.2	165.4	162.0	158.5	154.7	150.2	145.1
-52.5°	169.9	168.5	167.0	165.3	162.6	159.4	156.3	152.4	148.3	143.4	138.1
-55°	164.2	162.6	160.7	158.5	155.8	152.6	149.2	145.2	140.7	135.9	130.0
-57.5°	157.9	155.7	153.4	150.8	148.1	144.7	140.9	136.9	132.0	126.8	121.2
-60°	149.5	147.2	144.7	141.9	138.8	135.5	131.3	126.9	122.3	117.1	111.7
-62.5°	139.1	136.9	134.3	131.2	127.9	124.5	120.5	116.1	111.7	107.0	101.7
-65°	126.6	124.0	121.5	118.7	115.6	112.0	108.4	104.5	100.4	96.0	91.2
-67.5°	112.9	110.6	108.2	105.5	102.4	99.1	95.9	92.4	88.8	84.9	80.4
-70°	98.6	96.6	94.3	91.8	89.1	86.2	83.3	80.3	77.1	73.3	69.1
-72.5°	83.5	81.6	79.6	77.6	75.4	73.0	70.3	67.4	64.2	60.7	57.2
-75°	68.2	66.7	65.2	63.4	61.4	59.2	56.9	54.4	51.8	49.1	46.2
-77.5°	53.2	52.0	50.6	49.1	47.5	45.9	44.1	42.1	40.1	38.0	35.8
-80°	38.7	37.5	36.3	35.3	34.2	32.9	31.5	30.1	28.6	27.2	25.8
-82.5°	25.5	24.7	24.0	23.3	22.6	21.8	20.9	20.0	18.8	17.6	16.2
-85°	14.5	14.1	13.7	13.4	13.0	12.7	12.3	11.6	11.0	10.4	9.7
-87.5°	5.4	5.1	4.7	4.9	5.0	5.1	5.2	5.0	4.8	4.6	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: P558727 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-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	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9
85°	9.3	8.8	8.3	7.7	7.0	6.3	5.8	5.3	4.8	4.3	3.8
82.5°	15.2	14.5	13.8	13.1	12.2	11.2	10.2	9.0	7.8	6.5	5.7
80°	24.1	22.5	20.9	19.3	17.7	16.2	14.9	13.4	11.6	9.9	8.2
77.5°	33.5	31.1	28.6	26.4	24.2	22.1	19.9	17.8	15.4	13.2	11.0
75°	43.3	40.3	37.3	34.3	31.1	27.9	25.2	22.5	19.6	16.5	13.8
72.5°	53.9	50.3	46.4	42.4	38.7	34.9	31.0	27.3	24.0	20.5	16.8
70°	64.7	60.5	56.2	51.5	46.6	41.9	37.5	32.9	28.3	24.4	20.3
67.5°	75.6	70.5	65.6	60.4	54.9	49.4	43.9	38.8	33.6	28.3	23.8
65°	86.0	80.5	74.6	68.8	62.9	56.8	50.7	44.6	38.8	32.9	27.2
62.5°	96.2	90.4	83.9	77.2	70.6	64.0	57.3	50.7	43.9	37.5	31.0
60°	106.0	99.7	93.0	85.7	78.3	71.0	63.8	56.6	49.3	41.9	34.9
57.5°	115.1	108.8	101.5	93.8	85.9	77.9	70.1	62.4	54.5	46.5	38.7
55°	123.8	117.0	109.6	101.5	93.2	84.6	76.4	68.0	59.6	51.0	42.4
52.5°	131.9	124.8	117.1	108.9	100.2	91.2	82.6	73.5	64.6	55.5	46.3
50°	139.2	132.1	124.2	115.7	106.9	97.7	88.6	79.1	69.4	59.7	50.1
47.5°	145.5	138.6	130.8	122.2	113.0	103.9	94.3	84.5	74.0	63.9	53.7
45°	151.0	144.6	136.8	128.1	119.2	109.7	99.8	89.7	78.7	67.9	57.3
42.5°	156.1	149.8	142.4	133.9	124.9	115.3	104.9	94.5	83.3	71.8	60.7
40°	160.5	154.6	147.5	139.2	130.4	120.7	109.9	98.9	87.8	75.5	64.0
37.5°	164.7	158.8	151.9	144.6	135.7	125.6	114.6	103.1	91.8	79.3	67.1
35°	168.5	162.6	156.5	149.3	140.5	130.4	119.2	107.1	95.3	82.8	70.0
32.5°	172.3	166.1	160.0	153.3	145.2	135.0	123.5	110.9	98.6	86.0	72.8
30°	176.6	169.3	163.2	156.9	149.4	139.1	127.3	114.4	101.7	89.0	75.4
27.5°	180.0	171.9	166.0	159.9	152.5	143.0	130.7	117.6	104.6	91.7	77.8
25°	182.9	174.4	168.1	162.3	155.5	146.0	133.7	120.4	107.2	94.1	80.1
22.5°	185.1	176.6	169.8	164.5	158.2	148.8	136.4	122.9	109.5	96.2	82.1
20°	186.4	178.1	171.1	166.4	160.4	150.9	138.6	125.1	111.6	98.1	84.0
17.5°	186.8	179.2	172.6	167.7	162.2	153.0	140.6	127.1	113.3	99.8	85.6
15°	188.5	180.3	173.8	168.7	163.6	155.0	142.3	128.8	114.8	101.3	87.0
12.5°	190.4	181.1	174.5	169.6	164.8	157.0	143.7	130.1	116.0	102.6	88.1
10°	192.0	181.6	174.9	170.2	165.7	158.8	144.8	131.3	117.2	103.6	89.1
7.5°	193.3	181.9	175.0	170.7	166.5	160.2	145.8	132.1	118.3	104.5	89.8
5°	194.3	182.0	174.9	171.1	167.2	161.2	146.6	132.6	119.1	105.0	90.4
2.5°	195.0	182.0	174.7	171.2	167.7	161.7	147.0	132.7	119.7	105.4	90.7
0°	195.3	181.7	174.4	171.3	168.1	161.9	147.2	132.6	120.1	105.5	90.8
-2.5°	195.0	182.0	174.7	171.2	167.7	161.7	147.0	132.7	119.7	105.4	90.7
-5°	194.3	182.0	174.9	171.1	167.2	161.2	146.6	132.6	119.1	105.0	90.4
-7.5°	193.3	181.9	175.0	170.7	166.5	160.2	145.8	132.1	118.3	104.5	89.8
-10°	192.0	181.6	174.9	170.2	165.7	158.8	144.8	131.3	117.2	103.6	89.1
-12.5°	190.4	181.1	174.5	169.6	164.8	157.0	143.7	130.1	116.0	102.6	88.1
-15°	188.5	180.3	173.8	168.7	163.6	155.0	142.3	128.8	114.8	101.3	87.0
-17.5°	186.8	179.2	172.6	167.7	162.2	153.0	140.6	127.1	113.3	99.8	85.6
-20°	186.4	178.1	171.1	166.4	160.4	150.9	138.6	125.1	111.6	98.1	84.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	185.1	176.6	169.8	164.5	158.2	148.8	136.4	122.9	109.5	96.2	82.1
-25°	182.9	174.4	168.1	162.3	155.5	146.0	133.7	120.4	107.2	94.1	80.1
-27.5°	180.0	171.9	166.0	159.9	152.5	143.0	130.7	117.6	104.6	91.7	77.8
-30°	176.6	169.3	163.2	156.9	149.4	139.1	127.3	114.4	101.7	89.0	75.4
-32.5°	172.3	166.1	160.0	153.3	145.2	135.0	123.5	110.9	98.6	86.0	72.8
-35°	168.5	162.6	156.5	149.3	140.5	130.4	119.2	107.1	95.3	82.8	70.0
-37.5°	164.7	158.8	151.9	144.6	135.7	125.6	114.6	103.1	91.8	79.3	67.1
-40°	160.5	154.6	147.5	139.2	130.4	120.7	109.9	98.9	87.8	75.5	64.0
-42.5°	156.1	149.8	142.4	133.9	124.9	115.3	104.9	94.5	83.3	71.8	60.7
-45°	151.0	144.6	136.8	128.1	119.2	109.7	99.8	89.7	78.7	67.9	57.3
-47.5°	145.5	138.6	130.8	122.2	113.0	103.9	94.3	84.5	74.0	63.9	53.7
-50°	139.2	132.1	124.2	115.7	106.9	97.7	88.6	79.1	69.4	59.7	50.1
-52.5°	131.9	124.8	117.1	108.9	100.2	91.2	82.6	73.5	64.6	55.5	46.3
-55°	123.8	117.0	109.6	101.5	93.2	84.6	76.4	68.0	59.6	51.0	42.4
-57.5°	115.1	108.8	101.5	93.8	85.9	77.9	70.1	62.4	54.5	46.5	38.7
-60°	106.0	99.7	93.0	85.7	78.3	71.0	63.8	56.6	49.3	41.9	34.9
-62.5°	96.2	90.4	83.9	77.2	70.6	64.0	57.3	50.7	43.9	37.5	31.0
-65°	86.0	80.5	74.6	68.8	62.9	56.8	50.7	44.6	38.8	32.9	27.2
-67.5°	75.6	70.5	65.6	60.4	54.9	49.4	43.9	38.8	33.6	28.3	23.8
-70°	64.7	60.5	56.2	51.5	46.6	41.9	37.5	32.9	28.3	24.4	20.3
-72.5°	53.9	50.3	46.4	42.4	38.7	34.9	31.0	27.3	24.0	20.5	16.8
-75°	43.3	40.3	37.3	34.3	31.1	27.9	25.2	22.5	19.6	16.5	13.8
-77.5°	33.5	31.1	28.6	26.4	24.2	22.1	19.9	17.8	15.4	13.2	11.0
-80°	24.1	22.5	20.9	19.3	17.7	16.2	14.9	13.4	11.6	9.9	8.2
-82.5°	15.2	14.5	13.8	13.1	12.2	11.2	10.2	9.0	7.8	6.5	5.7
-85°	9.3	8.8	8.3	7.7	7.0	6.3	5.8	5.3	4.8	4.3	3.8
-87.5°	4.3	4.0	3.8	3.6	3.4	3.1	2.9	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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.6	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	9.0	7.0	5.4	4.1	2.7	1.4	0.0
75°	11.4	9.1	6.6	4.9	3.3	1.6	0.0
72.5°	13.7	11.1	8.3	5.7	3.8	1.9	0.0
70°	16.2	13.1	9.9	6.5	4.3	2.2	0.0
67.5°	19.2	15.1	11.5	7.8	4.8	2.4	0.0
65°	22.2	17.3	13.1	9.0	5.3	2.7	0.0
62.5°	25.1	19.7	14.7	10.2	5.8	2.9	0.0
60°	27.9	22.0	16.3	11.4	6.3	3.1	0.0
57.5°	31.1	24.2	18.0	12.5	7.1	3.4	0.0
55°	34.3	26.4	19.8	13.7	7.8	3.6	0.0
52.5°	37.3	28.6	21.4	14.8	8.6	3.8	0.0
50°	40.3	31.1	23.1	15.9	9.3	4.0	0.0
47.5°	43.3	33.5	24.6	16.9	9.9	4.3	0.0
45°	46.3	35.8	26.1	18.0	10.6	4.5	0.0
42.5°	49.3	38.0	27.5	19.1	11.2	4.6	0.0
40°	52.1	40.1	29.0	20.1	11.8	4.8	0.0
37.5°	54.8	42.1	30.6	21.0	12.4	5.0	0.0
35°	57.4	44.2	32.2	21.9	12.9	5.2	0.0
32.5°	59.9	46.2	33.6	22.8	13.4	5.3	0.0
30°	62.1	48.1	34.9	23.6	13.9	5.5	0.0
27.5°	64.1	49.9	36.2	24.3	14.3	5.6	0.0
25°	66.0	51.5	37.4	25.0	14.7	5.7	0.0
22.5°	67.8	53.1	38.5	25.6	15.1	5.8	0.0
20°	69.4	54.4	39.5	26.1	15.4	5.9	0.0
17.5°	70.7	55.6	40.4	26.6	15.7	6.0	0.0
15°	71.9	56.7	41.2	27.0	16.0	6.1	0.0
12.5°	72.9	57.5	42.0	27.4	16.2	6.2	0.0
10°	73.7	58.3	42.6	27.7	16.4	6.2	0.0
7.5°	74.4	58.8	43.1	27.9	16.5	6.2	0.0
5°	74.8	59.2	43.5	28.1	16.6	6.3	0.0
2.5°	75.1	59.4	43.7	28.2	16.7	6.3	0.0
0°	75.2	59.5	43.9	28.2	16.7	6.3	0.0
-2.5°	75.1	59.4	43.7	28.2	16.7	6.3	0.0
-5°	74.8	59.2	43.5	28.1	16.6	6.3	0.0
-7.5°	74.4	58.8	43.1	27.9	16.5	6.2	0.0
-10°	73.7	58.3	42.6	27.7	16.4	6.2	0.0
-12.5°	72.9	57.5	42.0	27.4	16.2	6.2	0.0
-15°	71.9	56.7	41.2	27.0	16.0	6.1	0.0
-17.5°	70.7	55.6	40.4	26.6	15.7	6.0	0.0
-20°	69.4	54.4	39.5	26.1	15.4	5.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.8	53.1	38.5	25.6	15.1	5.8	0.0
-25°	66.0	51.5	37.4	25.0	14.7	5.7	0.0
-27.5°	64.1	49.9	36.2	24.3	14.3	5.6	0.0
-30°	62.1	48.1	34.9	23.6	13.9	5.5	0.0
-32.5°	59.9	46.2	33.6	22.8	13.4	5.3	0.0
-35°	57.4	44.2	32.2	21.9	12.9	5.2	0.0
-37.5°	54.8	42.1	30.6	21.0	12.4	5.0	0.0
-40°	52.1	40.1	29.0	20.1	11.8	4.8	0.0
-42.5°	49.3	38.0	27.5	19.1	11.2	4.6	0.0
-45°	46.3	35.8	26.1	18.0	10.6	4.5	0.0
-47.5°	43.3	33.5	24.6	16.9	9.9	4.3	0.0
-50°	40.3	31.1	23.1	15.9	9.3	4.0	0.0
-52.5°	37.3	28.6	21.4	14.8	8.6	3.8	0.0
-55°	34.3	26.4	19.8	13.7	7.8	3.6	0.0
-57.5°	31.1	24.2	18.0	12.5	7.1	3.4	0.0
-60°	27.9	22.0	16.3	11.4	6.3	3.1	0.0
-62.5°	25.1	19.7	14.7	10.2	5.8	2.9	0.0
-65°	22.2	17.3	13.1	9.0	5.3	2.7	0.0
-67.5°	19.2	15.1	11.5	7.8	4.8	2.4	0.0
-70°	16.2	13.1	9.9	6.5	4.3	2.2	0.0
-72.5°	13.7	11.1	8.3	5.7	3.8	1.9	0.0
-75°	11.4	9.1	6.6	4.9	3.3	1.6	0.0
-77.5°	9.0	7.0	5.4	4.1	2.7	1.4	0.0
-80°	6.6	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)