

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: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2E-930-U-TS-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (32) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

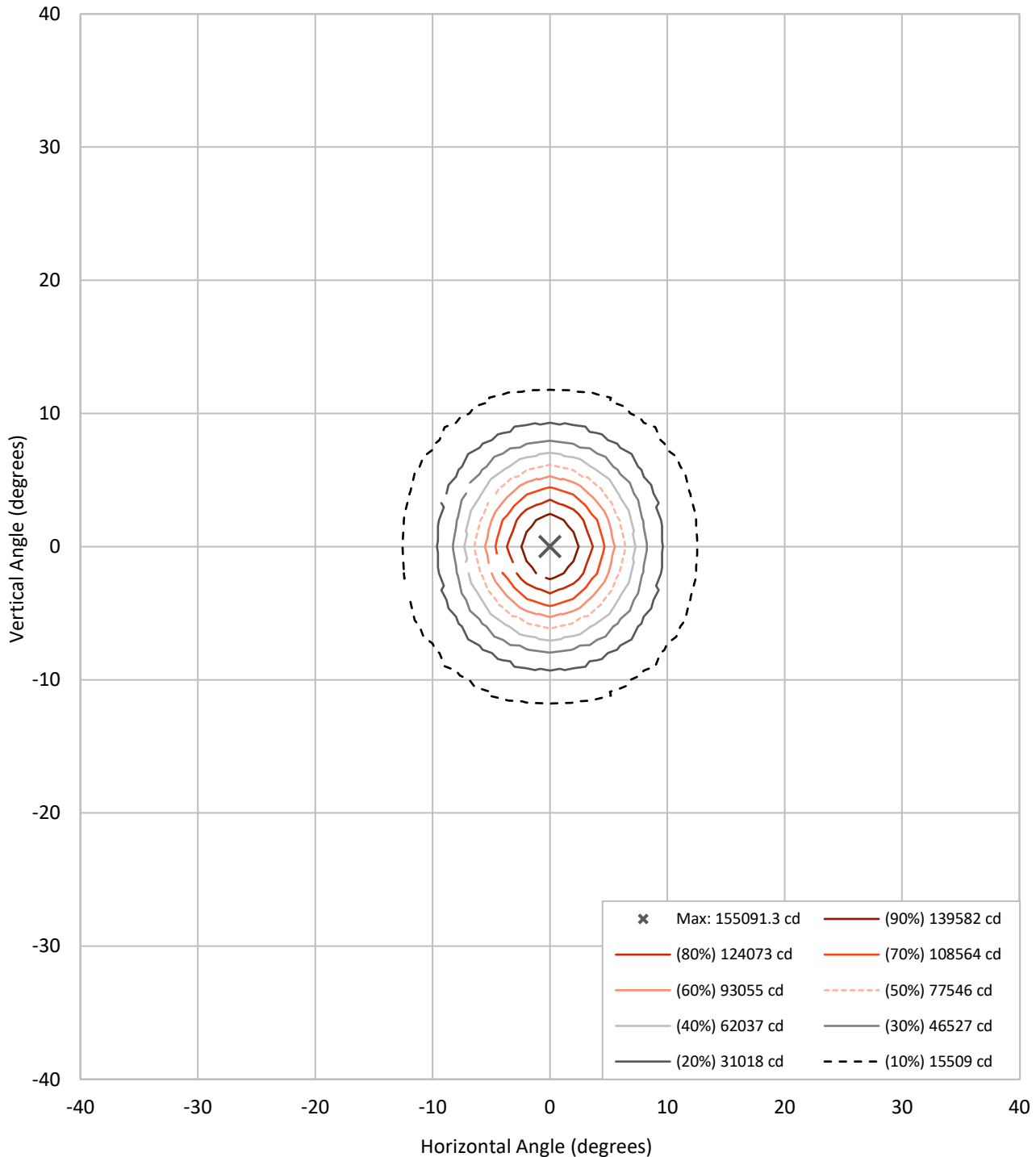
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11242.1 lumens	Max Intensity:	155091.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3552.3 lumens	Field Lumens:	7869.6 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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





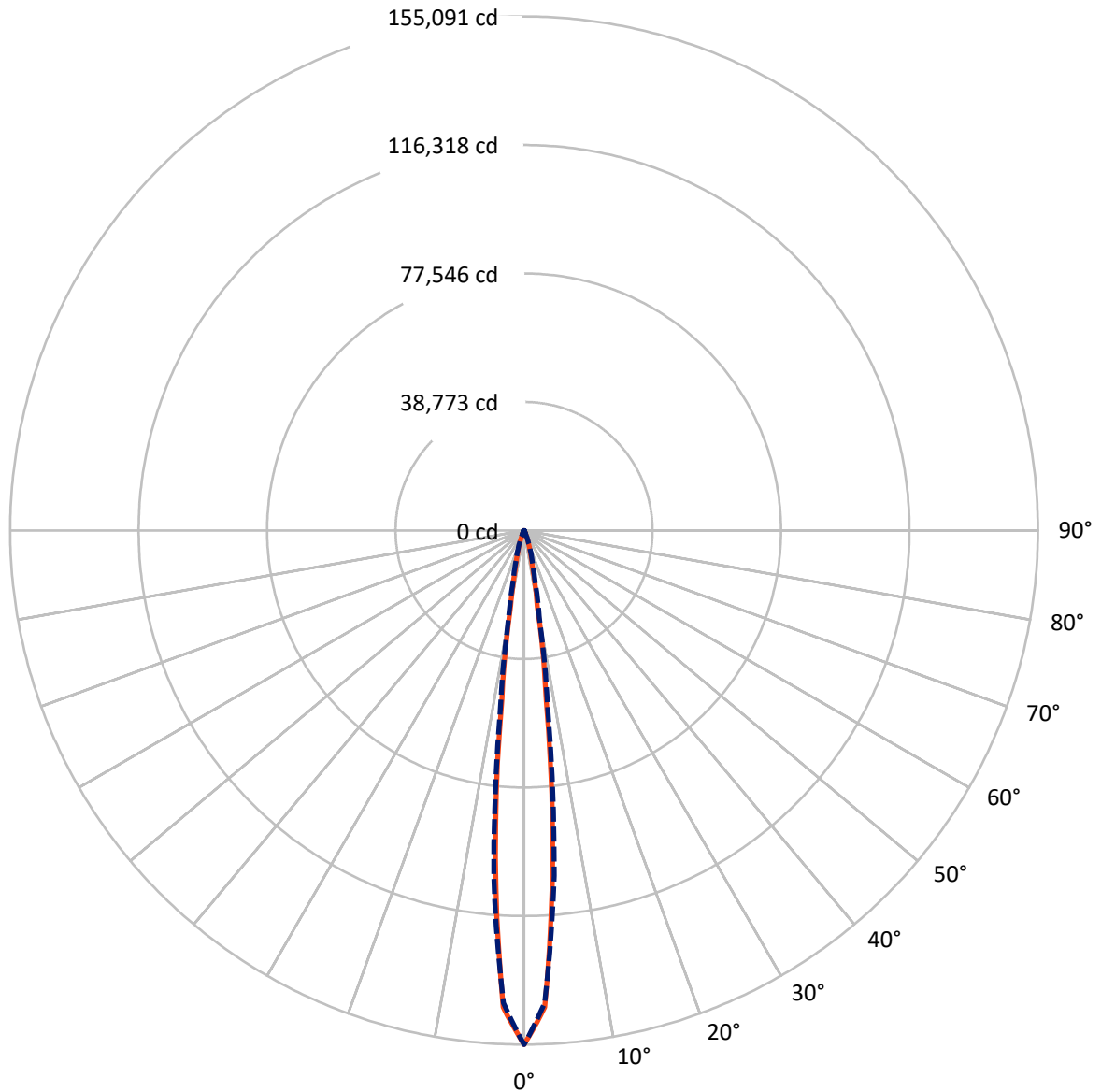
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### Lumen Table

90	0.2	1.3		3.6		5.8		6.7		5.8		3.6		1.3		0.2
80	0.2	1.3		3.6		5.8		6.7		5.8		3.6		1.3		0.2
70	0.6	0.7	1.5	2.4	3.3	4.0	4.6	4.9	4.9	4.6	4.0	3.3	2.4	1.5	0.7	0.6
60		1.1	2.2	3.3	4.3	5.0	5.5	5.7	5.7	5.5	5.0	4.3	3.3	2.2	1.1	
50	1.1	1.4	2.7	3.8	4.8	5.6	6.3	6.6	6.6	6.3	5.6	4.8	3.8	2.7	1.4	1.1
40		1.7	3.0	4.2	5.3	6.8	8.6	9.7	9.7	8.6	6.8	5.3	4.2	3.0	1.7	
30	1.5	1.9	3.2	4.4	6.3	9.7	21.6	39.2	39.2	21.6	9.7	6.3	4.4	3.2	1.9	1.5
20		2.0	3.3	4.7	7.4	20.9	117.9	259.3	259.3	117.9	20.9	7.4	4.7	3.3	2.0	
10	1.6	2.0	3.3	4.8	8.2	40.1	283.0	1830.6	1830.6	283.0	40.1	8.2	4.8	3.3	2.0	1.6
0		2.0	3.3	4.8	8.2	40.1	283.0	1830.6	1830.6	283.0	40.1	8.2	4.8	3.3	2.0	
-10	1.5	2.0	3.3	4.7	7.4	20.9	117.9	259.3	259.3	117.9	20.9	7.4	4.7	3.3	2.0	1.5
-20		1.9	3.2	4.4	6.3	9.7	21.6	39.2	39.2	21.6	9.7	6.3	4.4	3.2	1.9	
-30	1.1	1.7	3.0	4.2	5.3	6.8	8.6	9.7	9.7	8.6	6.8	5.3	4.2	3.0	1.7	1.1
-40		1.4	2.7	3.8	4.8	5.6	6.3	6.6	6.6	6.3	5.6	4.8	3.8	2.7	1.4	
-50	0.6	1.1	2.2	3.3	4.3	5.0	5.5	5.7	5.7	5.5	5.0	4.3	3.3	2.2	1.1	0.6
-60		0.7	1.5	2.4	3.3	4.0	4.6	4.9	4.9	4.6	4.0	3.3	2.4	1.5	0.7	
-70	0.2	1.3		3.6		5.8		6.7		5.8		3.6		1.3		0.2
-80		1.3		3.6		5.8		6.7		5.8		3.6		1.3		
-90	0.2	1.3		3.6		5.8		6.7		5.8		3.6		1.3		0.2

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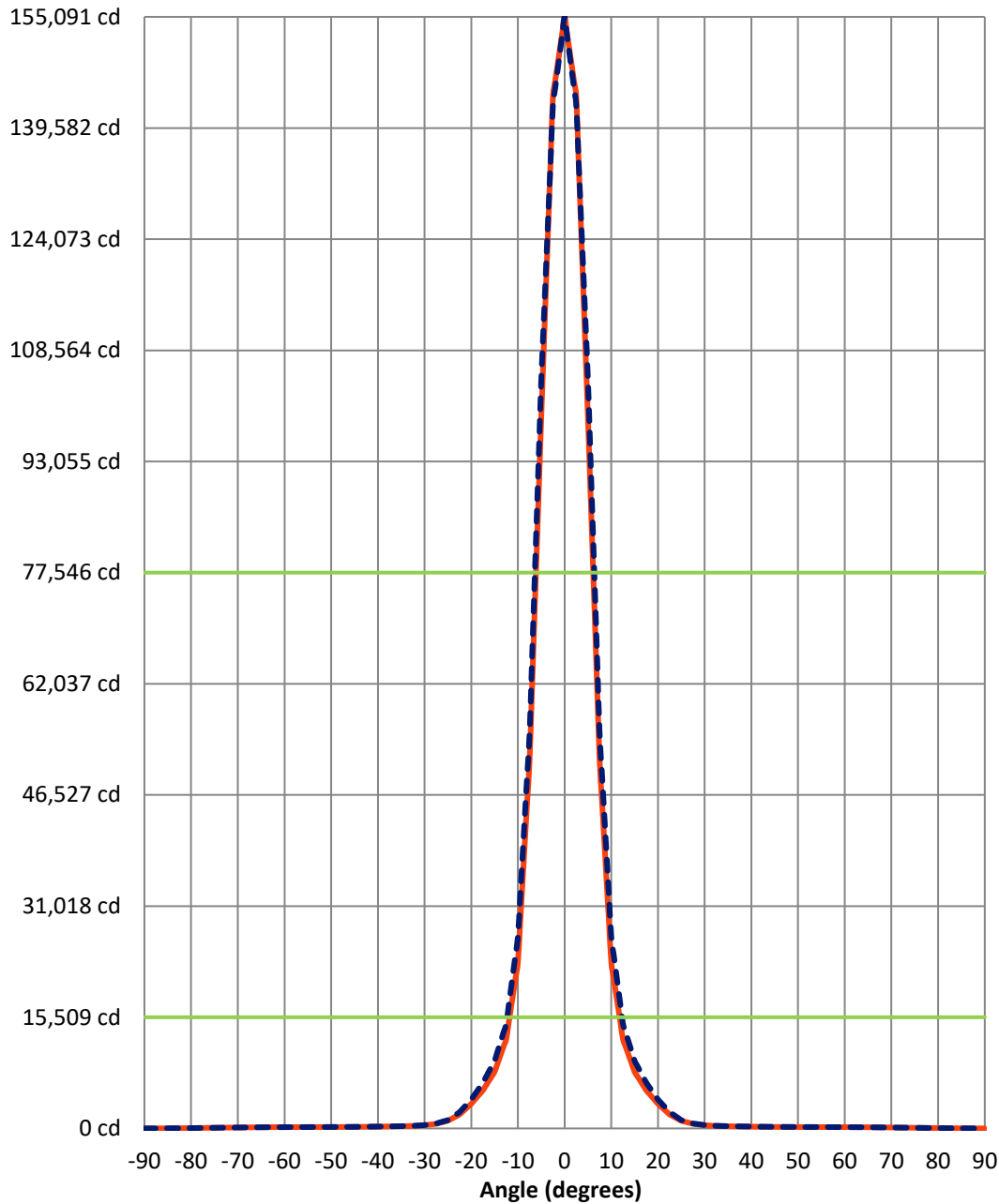
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 3552.3  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 7869.6  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 3372.5  
 Efficiency: 30.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.7	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.7	1.5	2.1	2.7	3.3	3.8	4.4	5.0	5.6	6.2
82.5°	0.0	1.1	2.2	3.2	4.1	4.9	5.7	6.6	7.6	8.9	10.3
80°	0.0	1.5	2.9	4.2	5.4	6.5	7.6	9.4	11.3	13.2	15.1
77.5°	0.0	1.8	3.6	5.3	6.8	8.4	10.3	12.5	14.9	17.4	20.0
75°	0.0	2.2	4.3	6.3	8.2	10.6	12.9	15.6	18.6	22.0	25.2
72.5°	0.0	2.5	5.0	7.3	10.0	12.8	15.5	18.9	22.9	26.7	30.3
70°	0.0	2.9	5.7	8.4	11.7	14.9	18.2	22.7	27.2	31.4	37.3
67.5°	0.0	3.2	6.4	9.7	13.4	17.0	21.5	26.5	31.4	37.9	44.6
65°	0.0	3.5	7.1	11.0	15.1	19.4	24.7	30.2	36.9	44.2	52.0
62.5°	0.0	3.9	7.7	12.2	16.7	22.0	27.9	34.5	42.3	50.5	59.5
60°	0.0	4.2	8.4	13.4	18.3	24.5	31.0	39.0	47.5	57.2	67.0
57.5°	0.0	4.5	9.2	14.6	20.2	27.0	34.6	43.3	53.1	63.7	74.5
55°	0.0	4.8	9.9	15.7	22.1	29.4	38.2	47.5	58.8	70.2	81.9
52.5°	0.0	5.1	10.7	16.9	24.0	31.8	41.8	52.3	64.3	76.7	89.1
50°	0.0	5.4	11.4	17.9	25.7	34.6	45.2	57.0	69.7	82.9	96.2
47.5°	0.0	5.7	12.0	19.0	27.4	37.4	48.5	61.6	75.1	89.0	103.2
45°	0.0	5.9	12.7	20.2	29.0	40.0	52.2	65.9	80.3	95.1	110.1
42.5°	0.0	6.2	13.3	21.4	30.6	42.5	55.8	70.1	85.3	101.0	115.9
40°	0.0	6.4	13.9	22.5	32.3	45.0	59.1	74.3	90.2	106.7	121.3
37.5°	0.0	6.7	14.5	23.5	34.1	47.2	62.3	78.3	94.9	111.8	126.5
35°	0.0	6.9	15.0	24.4	35.8	49.6	65.2	82.1	99.4	116.1	131.2
32.5°	0.0	7.1	15.5	25.3	37.5	51.9	68.1	85.6	103.5	120.2	135.2
30°	0.0	7.3	16.0	26.1	39.0	54.1	70.9	88.9	107.4	124.0	138.9
27.5°	0.0	7.5	16.4	26.8	40.4	56.1	73.5	92.0	110.8	127.4	142.4
25°	0.0	7.6	16.8	27.5	41.6	57.9	75.9	94.9	113.6	130.4	145.5
22.5°	0.0	7.8	17.2	28.1	42.8	59.5	78.0	97.4	116.1	132.9	147.9
20°	0.0	7.9	17.5	28.6	43.9	61.0	80.0	99.7	118.4	135.2	150.0
17.5°	0.0	8.0	17.8	29.1	44.8	62.4	81.8	101.7	120.4	137.2	152.0
15°	0.0	8.1	18.1	29.5	45.6	63.5	83.3	103.4	122.1	138.9	153.7
12.5°	0.0	8.2	18.3	29.8	46.3	64.5	84.7	104.8	123.6	140.4	155.1
10°	0.0	8.3	18.5	30.0	46.9	65.3	85.8	105.9	124.7	141.5	156.3
7.5°	0.0	8.3	18.6	30.2	47.4	66.0	86.6	106.8	125.6	142.3	157.1
5°	0.0	8.4	18.7	30.3	47.7	66.4	87.2	107.3	126.1	142.9	157.6
2.5°	0.0	8.4	18.8	30.3	47.9	66.7	87.6	107.5	126.4	143.1	157.8
0°	0.0	8.4	18.8	30.3	48.0	66.8	87.7	107.5	126.3	143.0	157.7
-2.5°	0.0	8.4	18.8	30.3	47.9	66.7	87.6	107.5	126.4	143.1	157.8
-5°	0.0	8.4	18.7	30.3	47.7	66.4	87.2	107.3	126.1	142.9	157.6
-7.5°	0.0	8.3	18.6	30.2	47.4	66.0	86.6	106.8	125.6	142.3	157.1
-10°	0.0	8.3	18.5	30.0	46.9	65.3	85.8	105.9	124.7	141.5	156.3
-12.5°	0.0	8.2	18.3	29.8	46.3	64.5	84.7	104.8	123.6	140.4	155.1
-15°	0.0	8.1	18.1	29.5	45.6	63.5	83.3	103.4	122.1	138.9	153.7
-17.5°	0.0	8.0	17.8	29.1	44.8	62.4	81.8	101.7	120.4	137.2	152.0
-20°	0.0	7.9	17.5	28.6	43.9	61.0	80.0	99.7	118.4	135.2	150.0



REPORT NUMBER: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.8	17.2	28.1	42.8	59.5	78.0	97.4	116.1	132.9	147.9
-25°	0.0	7.6	16.8	27.5	41.6	57.9	75.9	94.9	113.6	130.4	145.5
-27.5°	0.0	7.5	16.4	26.8	40.4	56.1	73.5	92.0	110.8	127.4	142.4
-30°	0.0	7.3	16.0	26.1	39.0	54.1	70.9	88.9	107.4	124.0	138.9
-32.5°	0.0	7.1	15.5	25.3	37.5	51.9	68.1	85.6	103.5	120.2	135.2
-35°	0.0	6.9	15.0	24.4	35.8	49.6	65.2	82.1	99.4	116.1	131.2
-37.5°	0.0	6.7	14.5	23.5	34.1	47.2	62.3	78.3	94.9	111.8	126.5
-40°	0.0	6.4	13.9	22.5	32.3	45.0	59.1	74.3	90.2	106.7	121.3
-42.5°	0.0	6.2	13.3	21.4	30.6	42.5	55.8	70.1	85.3	101.0	115.9
-45°	0.0	5.9	12.7	20.2	29.0	40.0	52.2	65.9	80.3	95.1	110.1
-47.5°	0.0	5.7	12.0	19.0	27.4	37.4	48.5	61.6	75.1	89.0	103.2
-50°	0.0	5.4	11.4	17.9	25.7	34.6	45.2	57.0	69.7	82.9	96.2
-52.5°	0.0	5.1	10.7	16.9	24.0	31.8	41.8	52.3	64.3	76.7	89.1
-55°	0.0	4.8	9.9	15.7	22.1	29.4	38.2	47.5	58.8	70.2	81.9
-57.5°	0.0	4.5	9.2	14.6	20.2	27.0	34.6	43.3	53.1	63.7	74.5
-60°	0.0	4.2	8.4	13.4	18.3	24.5	31.0	39.0	47.5	57.2	67.0
-62.5°	0.0	3.9	7.7	12.2	16.7	22.0	27.9	34.5	42.3	50.5	59.5
-65°	0.0	3.5	7.1	11.0	15.1	19.4	24.7	30.2	36.9	44.2	52.0
-67.5°	0.0	3.2	6.4	9.7	13.4	17.0	21.5	26.5	31.4	37.9	44.6
-70°	0.0	2.9	5.7	8.4	11.7	14.9	18.2	22.7	27.2	31.4	37.3
-72.5°	0.0	2.5	5.0	7.3	10.0	12.8	15.5	18.9	22.9	26.7	30.3
-75°	0.0	2.2	4.3	6.3	8.2	10.6	12.9	15.6	18.6	22.0	25.2
-77.5°	0.0	1.8	3.6	5.3	6.8	8.4	10.3	12.5	14.9	17.4	20.0
-80°	0.0	1.5	2.9	4.2	5.4	6.5	7.6	9.4	11.3	13.2	15.1
-82.5°	0.0	1.1	2.2	3.2	4.1	4.9	5.7	6.6	7.6	8.9	10.3
-85°	0.0	0.7	1.5	2.1	2.7	3.3	3.8	4.4	5.0	5.6	6.2
-87.5°	0.0	0.4	0.7	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.1
-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°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	5.8
85°	6.7	7.3	8.0	8.7	9.3	9.8	10.3	10.8	11.4	12.0	12.7
82.5°	11.5	12.5	13.4	14.1	14.8	15.6	16.3	17.6	19.1	20.6	22.0
80°	16.6	17.7	19.4	21.2	23.2	25.1	26.9	28.6	30.4	32.5	34.5
77.5°	22.3	24.6	27.2	30.0	32.7	35.8	39.0	42.2	45.1	47.6	49.9
75°	28.2	31.4	35.7	40.1	44.2	48.3	52.4	56.4	59.9	63.2	66.5
72.5°	35.1	40.4	45.5	50.5	55.9	60.9	65.7	70.2	74.7	79.2	83.5
70°	43.3	49.3	55.6	61.9	68.0	73.6	79.3	84.9	90.5	95.5	100.0
67.5°	51.6	58.8	65.9	73.0	79.8	86.3	92.9	99.4	105.5	110.8	115.5
65°	60.1	68.1	76.1	83.8	91.1	98.7	106.1	113.3	119.1	124.0	128.8
62.5°	68.4	77.4	86.1	94.5	102.9	111.2	118.3	124.8	130.8	136.1	141.2
60°	76.9	86.7	96.1	105.4	114.2	121.8	129.1	135.6	141.6	147.4	151.7
57.5°	85.2	95.8	106.0	115.6	124.0	131.8	138.8	145.6	150.9	155.5	160.2
55°	93.4	104.8	115.3	124.7	133.2	140.8	147.9	153.5	158.8	163.1	167.7
52.5°	101.5	113.3	123.7	133.2	141.5	148.9	155.2	160.8	165.6	170.1	173.9
50°	109.4	121.0	131.8	140.8	149.0	155.9	161.8	167.2	171.9	176.0	179.4
47.5°	116.4	128.4	138.6	147.8	155.5	162.1	167.8	172.9	177.7	181.3	184.7
45°	122.9	134.7	145.1	153.8	161.4	167.6	173.1	178.5	182.4	186.0	188.6
42.5°	129.2	140.6	150.7	159.7	166.5	172.5	178.0	182.7	186.7	189.9	192.6
40°	134.5	146.3	155.9	164.2	171.1	176.8	181.9	186.6	190.5	193.6	196.6
37.5°	139.6	150.9	160.7	168.4	174.8	180.4	185.5	189.9	193.8	197.0	201.1
35°	144.4	155.3	164.4	171.9	178.1	183.7	188.6	193.0	196.9	201.3	206.1
32.5°	148.5	159.4	167.9	174.7	180.8	186.5	191.4	195.9	200.4	205.4	211.3
30°	151.9	162.5	170.9	177.3	183.4	188.8	194.1	198.9	203.8	209.8	217.5
27.5°	155.1	165.3	173.1	179.5	185.7	190.7	196.2	201.7	207.4	214.5	224.1
25°	158.0	167.8	175.0	181.5	187.3	192.5	198.2	203.8	211.0	220.3	232.9
22.5°	160.4	170.2	176.7	183.3	188.6	194.2	200.0	206.3	214.4	225.7	242.2
20°	162.4	171.7	178.1	184.7	189.7	195.7	201.6	208.4	218.1	232.9	252.0
17.5°	164.1	172.9	179.3	185.5	190.8	196.9	203.0	210.2	221.1	239.5	260.9
15°	165.7	173.9	180.3	186.2	191.8	197.8	204.3	212.4	225.2	246.0	269.0
12.5°	167.0	174.7	181.1	186.7	192.5	198.5	205.3	214.3	229.6	252.0	277.0
10°	168.1	175.3	181.6	187.0	193.1	198.8	206.1	215.6	232.7	255.3	281.8
7.5°	168.8	175.8	181.9	187.2	193.4	198.9	206.7	216.3	234.6	257.1	284.3
5°	169.2	176.2	182.4	187.6	193.8	199.2	207.2	216.4	235.4	257.5	285.3
2.5°	169.3	176.4	182.6	187.8	194.1	199.9	208.2	217.5	236.1	258.8	286.0
0°	169.1	176.5	182.7	187.9	194.2	200.5	208.8	218.2	236.0	260.0	286.1
-2.5°	169.3	176.4	182.6	187.8	194.1	199.9	208.2	217.5	236.1	258.8	286.0
-5°	169.2	176.2	182.4	187.6	193.8	199.2	207.2	216.4	235.4	257.5	285.3
-7.5°	168.8	175.8	181.9	187.2	193.4	198.9	206.7	216.3	234.6	257.1	284.3
-10°	168.1	175.3	181.6	187.0	193.1	198.8	206.1	215.6	232.7	255.3	281.8
-12.5°	167.0	174.7	181.1	186.7	192.5	198.5	205.3	214.3	229.6	252.0	277.0
-15°	165.7	173.9	180.3	186.2	191.8	197.8	204.3	212.4	225.2	246.0	269.0
-17.5°	164.1	172.9	179.3	185.5	190.8	196.9	203.0	210.2	221.1	239.5	260.9
-20°	162.4	171.7	178.1	184.7	189.7	195.7	201.6	208.4	218.1	232.9	252.0



REPORT NUMBER: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	160.4	170.2	176.7	183.3	188.6	194.2	200.0	206.3	214.4	225.7	242.2
-25°	158.0	167.8	175.0	181.5	187.3	192.5	198.2	203.8	211.0	220.3	232.9
-27.5°	155.1	165.3	173.1	179.5	185.7	190.7	196.2	201.7	207.4	214.5	224.1
-30°	151.9	162.5	170.9	177.3	183.4	188.8	194.1	198.9	203.8	209.8	217.5
-32.5°	148.5	159.4	167.9	174.7	180.8	186.5	191.4	195.9	200.4	205.4	211.3
-35°	144.4	155.3	164.4	171.9	178.1	183.7	188.6	193.0	196.9	201.3	206.1
-37.5°	139.6	150.9	160.7	168.4	174.8	180.4	185.5	189.9	193.8	197.0	201.1
-40°	134.5	146.3	155.9	164.2	171.1	176.8	181.9	186.6	190.5	193.6	196.6
-42.5°	129.2	140.6	150.7	159.7	166.5	172.5	178.0	182.7	186.7	189.9	192.6
-45°	122.9	134.7	145.1	153.8	161.4	167.6	173.1	178.5	182.4	186.0	188.6
-47.5°	116.4	128.4	138.6	147.8	155.5	162.1	167.8	172.9	177.7	181.3	184.7
-50°	109.4	121.0	131.8	140.8	149.0	155.9	161.8	167.2	171.9	176.0	179.4
-52.5°	101.5	113.3	123.7	133.2	141.5	148.9	155.2	160.8	165.6	170.1	173.9
-55°	93.4	104.8	115.3	124.7	133.2	140.8	147.9	153.5	158.8	163.1	167.7
-57.5°	85.2	95.8	106.0	115.6	124.0	131.8	138.8	145.6	150.9	155.5	160.2
-60°	76.9	86.7	96.1	105.4	114.2	121.8	129.1	135.6	141.6	147.4	151.7
-62.5°	68.4	77.4	86.1	94.5	102.9	111.2	118.3	124.8	130.8	136.1	141.2
-65°	60.1	68.1	76.1	83.8	91.1	98.7	106.1	113.3	119.1	124.0	128.8
-67.5°	51.6	58.8	65.9	73.0	79.8	86.3	92.9	99.4	105.5	110.8	115.5
-70°	43.3	49.3	55.6	61.9	68.0	73.6	79.3	84.9	90.5	95.5	100.0
-72.5°	35.1	40.4	45.5	50.5	55.9	60.9	65.7	70.2	74.7	79.2	83.5
-75°	28.2	31.4	35.7	40.1	44.2	48.3	52.4	56.4	59.9	63.2	66.5
-77.5°	22.3	24.6	27.2	30.0	32.7	35.8	39.0	42.2	45.1	47.6	49.9
-80°	16.6	17.7	19.4	21.2	23.2	25.1	26.9	28.6	30.4	32.5	34.5
-82.5°	11.5	12.5	13.4	14.1	14.8	15.6	16.3	17.6	19.1	20.6	22.0
-85°	6.7	7.3	8.0	8.7	9.3	9.8	10.3	10.8	11.4	12.0	12.7
-87.5°	3.4	3.6	3.9	4.2	4.4	4.7	4.9	5.2	5.4	5.6	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: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.9	5.9	5.8	5.7	5.8	5.9	6.0	6.1	6.2	6.2
85°	13.3	13.8	14.4	15.0	15.6	16.0	16.3	16.6	16.9	17.2	17.4
82.5°	23.3	24.5	25.6	26.6	27.5	28.2	28.8	29.4	29.9	30.3	30.7
80°	36.4	38.2	39.9	41.5	43.0	44.2	45.2	46.0	46.7	47.4	48.0
77.5°	52.1	54.6	57.0	59.2	61.1	62.7	64.1	65.4	66.4	67.7	68.8
75°	69.7	72.8	75.6	78.1	80.4	82.5	84.4	86.0	87.4	88.7	89.9
72.5°	87.5	91.1	94.3	97.0	99.5	101.9	104.2	106.4	108.4	109.9	111.0
70°	104.1	107.9	111.3	114.4	117.3	120.3	123.3	126.1	128.6	130.2	131.2
67.5°	119.4	123.3	127.1	131.0	134.4	137.5	140.5	143.3	145.8	147.5	148.5
65°	133.3	137.5	141.7	145.6	149.2	151.8	154.6	157.2	159.7	161.6	163.1
62.5°	146.1	150.3	153.8	157.2	160.2	162.9	165.6	168.0	170.1	172.0	173.7
60°	156.0	160.2	163.7	166.7	169.6	172.3	174.4	176.2	177.6	178.8	179.9
57.5°	164.4	168.5	171.9	174.5	177.1	179.6	181.4	182.5	183.4	184.0	184.5
55°	171.7	175.0	177.8	180.7	183.2	185.4	187.0	187.7	188.2	188.4	188.7
52.5°	177.6	180.7	183.7	186.4	188.4	190.2	191.8	192.2	192.5	192.6	192.6
50°	182.9	186.0	188.4	190.7	192.7	194.4	195.7	196.4	196.7	196.8	196.6
47.5°	187.2	189.9	192.6	194.9	196.9	198.8	200.4	201.3	201.9	202.2	202.1
45°	191.0	194.2	197.0	199.7	202.1	204.6	206.7	208.1	209.6	210.6	211.1
42.5°	195.5	198.7	201.8	205.5	208.9	212.2	215.7	218.8	222.1	225.6	227.9
40°	200.1	203.5	208.2	212.7	217.8	222.3	229.8	237.2	242.9	247.7	252.1
37.5°	205.3	210.2	215.9	221.7	230.0	238.5	247.9	257.1	265.2	272.4	278.3
35°	211.3	217.9	224.8	235.2	245.7	256.2	267.4	279.7	290.1	297.8	303.3
32.5°	218.6	226.9	238.1	251.3	264.2	277.8	291.4	305.1	315.4	326.0	336.7
30°	226.7	238.8	253.2	269.2	285.3	301.6	318.7	337.7	355.8	375.2	403.0
27.5°	237.1	251.8	268.7	287.7	307.0	326.5	356.3	388.9	437.3	476.0	541.7
25°	248.2	265.3	285.5	307.5	331.2	366.0	420.4	484.9	599.0	687.5	821.7
22.5°	260.5	280.7	303.0	328.2	366.4	432.0	525.3	690.7	920.8	1148.0	1400.8
20°	272.7	295.0	319.5	357.6	422.4	526.3	728.2	1085.7	1485.1	2053.7	2530.9
17.5°	284.2	307.9	339.0	390.6	487.7	696.5	1087.5	1699.9	2534.0	3450.6	4214.9
15°	294.3	318.6	360.5	442.2	606.1	931.4	1521.7	2564.1	3965.5	5220.4	6339.7
12.5°	302.9	331.6	383.7	483.9	709.0	1190.5	2137.4	3617.6	5328.9	7088.8	8505.3
10°	309.1	345.4	414.7	560.9	872.4	1498.9	2650.6	4517.7	6578.2	8717.3	11277.9
7.5°	312.8	355.3	438.2	618.1	1018.1	1842.2	3294.3	5321.3	7687.5	10607.6	14519.8
5°	315.5	362.0	455.6	661.1	1115.5	2069.1	3700.7	5930.1	8644.7	12866.9	20918.6
2.5°	316.9	364.9	465.5	684.7	1159.9	2185.9	3986.8	6278.8	9227.1	14460.8	25351.3
0°	316.4	363.3	466.7	690.1	1166.2	2275.1	4034.3	6378.3	9423.9	14603.6	26772.4
-2.5°	316.9	364.9	465.5	684.7	1159.9	2185.9	3986.8	6278.8	9227.1	14460.8	25351.3
-5°	315.5	362.0	455.6	661.1	1115.5	2069.1	3700.7	5930.1	8644.7	12866.9	20918.6
-7.5°	312.8	355.3	438.2	618.1	1018.1	1842.2	3294.3	5321.3	7687.5	10607.6	14519.8
-10°	309.1	345.4	414.7	560.9	872.4	1498.9	2650.6	4517.7	6578.2	8717.3	11277.9
-12.5°	302.9	331.6	383.7	483.9	709.0	1190.5	2137.4	3617.6	5328.9	7088.8	8505.3
-15°	294.3	318.6	360.5	442.2	606.1	931.4	1521.7	2564.1	3965.5	5220.4	6339.7
-17.5°	284.2	307.9	339.0	390.6	487.7	696.5	1087.5	1699.9	2534.0	3450.6	4214.9
-20°	272.7	295.0	319.5	357.6	422.4	526.3	728.2	1085.7	1485.1	2053.7	2530.9



REPORT NUMBER: P558728 (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°
-22.5°	260.5	280.7	303.0	328.2	366.4	432.0	525.3	690.7	920.8	1148.0	1400.8
-25°	248.2	265.3	285.5	307.5	331.2	366.0	420.4	484.9	599.0	687.5	821.7
-27.5°	237.1	251.8	268.7	287.7	307.0	326.5	356.3	388.9	437.3	476.0	541.7
-30°	226.7	238.8	253.2	269.2	285.3	301.6	318.7	337.7	355.8	375.2	403.0
-32.5°	218.6	226.9	238.1	251.3	264.2	277.8	291.4	305.1	315.4	326.0	336.7
-35°	211.3	217.9	224.8	235.2	245.7	256.2	267.4	279.7	290.1	297.8	303.3
-37.5°	205.3	210.2	215.9	221.7	230.0	238.5	247.9	257.1	265.2	272.4	278.3
-40°	200.1	203.5	208.2	212.7	217.8	222.3	229.8	237.2	242.9	247.7	252.1
-42.5°	195.5	198.7	201.8	205.5	208.9	212.2	215.7	218.8	222.1	225.6	227.9
-45°	191.0	194.2	197.0	199.7	202.1	204.6	206.7	208.1	209.6	210.6	211.1
-47.5°	187.2	189.9	192.6	194.9	196.9	198.8	200.4	201.3	201.9	202.2	202.1
-50°	182.9	186.0	188.4	190.7	192.7	194.4	195.7	196.4	196.7	196.8	196.6
-52.5°	177.6	180.7	183.7	186.4	188.4	190.2	191.8	192.2	192.5	192.6	192.6
-55°	171.7	175.0	177.8	180.7	183.2	185.4	187.0	187.7	188.2	188.4	188.7
-57.5°	164.4	168.5	171.9	174.5	177.1	179.6	181.4	182.5	183.4	184.0	184.5
-60°	156.0	160.2	163.7	166.7	169.6	172.3	174.4	176.2	177.6	178.8	179.9
-62.5°	146.1	150.3	153.8	157.2	160.2	162.9	165.6	168.0	170.1	172.0	173.7
-65°	133.3	137.5	141.7	145.6	149.2	151.8	154.6	157.2	159.7	161.6	163.1
-67.5°	119.4	123.3	127.1	131.0	134.4	137.5	140.5	143.3	145.8	147.5	148.5
-70°	104.1	107.9	111.3	114.4	117.3	120.3	123.3	126.1	128.6	130.2	131.2
-72.5°	87.5	91.1	94.3	97.0	99.5	101.9	104.2	106.4	108.4	109.9	111.0
-75°	69.7	72.8	75.6	78.1	80.4	82.5	84.4	86.0	87.4	88.7	89.9
-77.5°	52.1	54.6	57.0	59.2	61.1	62.7	64.1	65.4	66.4	67.7	68.8
-80°	36.4	38.2	39.9	41.5	43.0	44.2	45.2	46.0	46.7	47.4	48.0
-82.5°	23.3	24.5	25.6	26.6	27.5	28.2	28.8	29.4	29.9	30.3	30.7
-85°	13.3	13.8	14.4	15.0	15.6	16.0	16.3	16.6	16.9	17.2	17.4
-87.5°	6.0	5.9	5.9	5.8	5.7	5.8	5.9	6.0	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: P558728 (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°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
85°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.2	16.9	16.6
82.5°	30.9	31.1	31.3	31.3	31.3	31.1	30.9	30.7	30.3	29.9	29.4
80°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.0	47.4	46.7	46.0
77.5°	69.8	70.6	70.9	71.0	70.9	70.6	69.8	68.8	67.7	66.4	65.4
75°	90.8	91.4	91.8	91.9	91.8	91.4	90.8	89.9	88.7	87.4	86.0
72.5°	111.8	112.2	113.1	113.8	113.1	112.2	111.8	111.0	109.9	108.4	106.4
70°	131.8	132.0	132.9	133.6	132.9	132.0	131.8	131.2	130.2	128.6	126.1
67.5°	149.2	149.7	149.7	149.3	149.7	149.7	149.2	148.5	147.5	145.8	143.3
65°	164.3	165.3	165.4	165.0	165.4	165.3	164.3	163.1	161.6	159.7	157.2
62.5°	175.3	176.8	177.4	177.5	177.4	176.8	175.3	173.7	172.0	170.1	168.0
60°	180.7	181.4	181.6	181.7	181.6	181.4	180.7	179.9	178.8	177.6	176.2
57.5°	184.7	184.7	184.8	184.8	184.8	184.7	184.7	184.5	184.0	183.4	182.5
55°	188.8	188.9	188.5	187.9	188.5	188.9	188.8	188.7	188.4	188.2	187.7
52.5°	192.5	192.2	191.7	191.1	191.7	192.2	192.5	192.6	192.6	192.5	192.2
50°	196.1	195.4	195.1	195.2	195.1	195.4	196.1	196.6	196.8	196.7	196.4
47.5°	202.0	201.5	201.4	201.5	201.4	201.5	202.0	202.1	202.2	201.9	201.3
45°	211.3	210.9	210.7	210.9	210.7	210.9	211.3	211.1	210.6	209.6	208.1
42.5°	229.2	229.4	229.3	229.7	229.3	229.4	229.2	227.9	225.6	222.1	218.8
40°	253.8	253.7	252.9	252.7	252.9	253.7	253.8	252.1	247.7	242.9	237.2
37.5°	280.8	280.8	279.9	279.8	279.9	280.8	280.8	278.3	272.4	265.2	257.1
35°	306.2	307.1	306.9	305.9	306.9	307.1	306.2	303.3	297.8	290.1	279.7
32.5°	344.3	350.1	353.2	351.9	353.2	350.1	344.3	336.7	326.0	315.4	305.1
30°	420.5	435.5	443.4	446.9	443.4	435.5	420.5	403.0	375.2	355.8	337.7
27.5°	588.7	621.9	636.8	642.1	636.8	621.9	588.7	541.7	476.0	437.3	388.9
25°	939.0	1014.0	1051.0	1062.9	1051.0	1014.0	939.0	821.7	687.5	599.0	484.9
22.5°	1679.1	1823.5	1922.2	1944.1	1922.2	1823.5	1679.1	1400.8	1148.0	920.8	690.7
20°	3010.7	3289.9	3441.3	3427.7	3441.3	3289.9	3010.7	2530.9	2053.7	1485.1	1085.7
17.5°	4864.5	5222.5	5393.0	5313.3	5393.0	5222.5	4864.5	4214.9	3450.6	2534.0	1699.9
15°	7131.3	7614.9	7825.9	7891.2	7825.9	7614.9	7131.3	6339.7	5220.4	3965.5	2564.1
12.5°	9919.3	11504.9	12263.2	12466.4	12263.2	11504.9	9919.3	8505.3	7088.8	5328.9	3617.6
10°	13897.0	19227.0	22397.2	23171.3	22397.2	19227.0	13897.0	11277.9	8717.3	6578.2	4517.7
7.5°	22695.0	33525.8	45658.9	51404.4	45658.9	33525.8	22695.0	14519.8	10607.6	7687.5	5321.3
5°	34609.8	60068.1	88159.8	99172.3	88159.8	60068.1	34609.8	20918.6	12866.9	8644.7	5930.1
2.5°	49094.3	90698.2	129514.1	143983.9	129514.1	90698.2	49094.3	25351.3	14460.8	9227.1	6278.8
0°	55213.8	104565.0	142696.5	155091.3	142696.5	104565.0	55213.8	26772.4	14603.6	9423.9	6378.3
-2.5°	49094.3	90698.2	129514.1	143983.8	129514.1	90698.2	49094.3	25351.3	14460.8	9227.1	6278.8
-5°	34609.8	60068.1	88159.8	99172.3	88159.8	60068.1	34609.8	20918.6	12866.9	8644.7	5930.1
-7.5°	22695.0	33525.8	45658.9	51404.4	45658.9	33525.8	22695.0	14519.8	10607.6	7687.5	5321.3
-10°	13897.0	19227.0	22397.2	23171.3	22397.2	19227.0	13897.0	11277.9	8717.3	6578.2	4517.7
-12.5°	9919.3	11504.9	12263.2	12466.4	12263.2	11504.9	9919.3	8505.3	7088.8	5328.9	3617.6
-15°	7131.3	7614.9	7825.9	7891.2	7825.9	7614.9	7131.3	6339.7	5220.4	3965.5	2564.1
-17.5°	4864.5	5222.5	5393.0	5313.3	5393.0	5222.5	4864.5	4214.9	3450.6	2534.0	1699.9
-20°	3010.7	3289.9	3441.3	3427.7	3441.3	3289.9	3010.7	2530.9	2053.7	1485.1	1085.7



REPORT NUMBER: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1679.1	1823.5	1922.2	1944.1	1922.2	1823.5	1679.1	1400.8	1148.0	920.8	690.7
-25°	939.0	1014.0	1051.0	1062.9	1051.0	1014.0	939.0	821.7	687.5	599.0	484.9
-27.5°	588.7	621.9	636.8	642.1	636.8	621.9	588.7	541.7	476.0	437.3	388.9
-30°	420.5	435.5	443.4	446.9	443.4	435.5	420.5	403.0	375.2	355.8	337.7
-32.5°	344.3	350.1	353.2	351.9	353.2	350.1	344.3	336.7	326.0	315.4	305.1
-35°	306.2	307.1	306.9	305.9	306.9	307.1	306.2	303.3	297.8	290.1	279.7
-37.5°	280.8	280.8	279.9	279.8	279.9	280.8	280.8	278.3	272.4	265.2	257.1
-40°	253.8	253.7	252.9	252.7	252.9	253.7	253.8	252.1	247.7	242.9	237.2
-42.5°	229.2	229.4	229.3	229.7	229.3	229.4	229.2	227.9	225.6	222.1	218.8
-45°	211.3	210.9	210.7	210.9	210.7	210.9	211.3	211.1	210.6	209.6	208.1
-47.5°	202.0	201.5	201.4	201.5	201.4	201.5	202.0	202.1	202.2	201.9	201.3
-50°	196.1	195.4	195.1	195.2	195.1	195.4	196.1	196.6	196.8	196.7	196.4
-52.5°	192.5	192.2	191.7	191.1	191.7	192.2	192.5	192.6	192.6	192.5	192.2
-55°	188.8	188.9	188.5	187.9	188.5	188.9	188.8	188.7	188.4	188.2	187.7
-57.5°	184.7	184.7	184.8	184.8	184.8	184.7	184.7	184.5	184.0	183.4	182.5
-60°	180.7	181.4	181.6	181.7	181.6	181.4	180.7	179.9	178.8	177.6	176.2
-62.5°	175.3	176.8	177.4	177.5	177.4	176.8	175.3	173.7	172.0	170.1	168.0
-65°	164.3	165.3	165.4	165.0	165.4	165.3	164.3	163.1	161.6	159.7	157.2
-67.5°	149.2	149.7	149.7	149.3	149.7	149.7	149.2	148.5	147.5	145.8	143.3
-70°	131.8	132.0	132.9	133.6	132.9	132.0	131.8	131.2	130.2	128.6	126.1
-72.5°	111.8	112.2	113.1	113.8	113.1	112.2	111.8	111.0	109.9	108.4	106.4
-75°	90.8	91.4	91.8	91.9	91.8	91.4	90.8	89.9	88.7	87.4	86.0
-77.5°	69.8	70.6	70.9	71.0	70.9	70.6	69.8	68.8	67.7	66.4	65.4
-80°	48.5	48.8	49.0	49.1	49.0	48.8	48.5	48.0	47.4	46.7	46.0
-82.5°	30.9	31.1	31.3	31.3	31.3	31.1	30.9	30.7	30.3	29.9	29.4
-85°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.2	16.9	16.6
-87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	6.0
-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: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	5.8	5.7	5.8	5.9	5.9	6.0	5.8	5.6	5.4	5.2
85°	16.3	16.0	15.6	15.0	14.4	13.8	13.3	12.7	12.0	11.4	10.8
82.5°	28.8	28.2	27.5	26.6	25.6	24.5	23.3	22.0	20.6	19.1	17.6
80°	45.2	44.2	43.0	41.5	39.9	38.2	36.4	34.5	32.5	30.4	28.6
77.5°	64.1	62.7	61.1	59.2	57.0	54.6	52.1	49.9	47.6	45.1	42.2
75°	84.4	82.5	80.4	78.1	75.6	72.8	69.7	66.5	63.2	59.9	56.4
72.5°	104.2	101.9	99.5	97.0	94.3	91.1	87.5	83.5	79.2	74.7	70.2
70°	123.3	120.3	117.3	114.4	111.3	107.9	104.1	100.0	95.5	90.5	84.9
67.5°	140.5	137.5	134.4	131.0	127.1	123.3	119.4	115.5	110.8	105.5	99.4
65°	154.6	151.8	149.2	145.6	141.7	137.5	133.3	128.8	124.0	119.1	113.3
62.5°	165.6	162.9	160.2	157.2	153.8	150.3	146.1	141.2	136.1	130.8	124.8
60°	174.4	172.3	169.6	166.7	163.7	160.2	156.0	151.7	147.4	141.6	135.6
57.5°	181.4	179.6	177.1	174.5	171.9	168.5	164.4	160.2	155.5	150.9	145.6
55°	187.0	185.4	183.2	180.7	177.8	175.0	171.7	167.7	163.1	158.8	153.5
52.5°	191.8	190.2	188.4	186.4	183.7	180.7	177.6	173.9	170.1	165.6	160.8
50°	195.7	194.4	192.7	190.7	188.4	186.0	182.9	179.4	176.0	171.9	167.2
47.5°	200.4	198.8	196.9	194.9	192.6	189.9	187.2	184.7	181.3	177.7	172.9
45°	206.7	204.6	202.1	199.7	197.0	194.2	191.0	188.6	186.0	182.4	178.5
42.5°	215.7	212.2	208.9	205.5	201.8	198.7	195.5	192.6	189.9	186.7	182.7
40°	229.8	222.3	217.8	212.7	208.2	203.5	200.1	196.6	193.6	190.5	186.6
37.5°	247.9	238.5	230.0	221.7	215.9	210.2	205.3	201.1	197.0	193.8	189.9
35°	267.4	256.2	245.7	235.2	224.8	217.9	211.3	206.1	201.3	196.9	193.0
32.5°	291.4	277.8	264.2	251.3	238.1	226.9	218.6	211.3	205.4	200.4	195.9
30°	318.7	301.6	285.3	269.2	253.2	238.8	226.7	217.5	209.8	203.8	198.9
27.5°	356.3	326.5	307.0	287.7	268.7	251.8	237.1	224.1	214.5	207.4	201.7
25°	420.4	366.0	331.2	307.5	285.5	265.3	248.2	232.9	220.3	211.0	203.8
22.5°	525.3	432.0	366.4	328.2	303.0	280.7	260.5	242.2	225.7	214.4	206.3
20°	728.2	526.3	422.4	357.6	319.5	295.0	272.7	252.0	232.9	218.1	208.4
17.5°	1087.5	696.5	487.7	390.6	339.0	307.9	284.2	260.9	239.5	221.1	210.2
15°	1521.7	931.4	606.1	442.2	360.5	318.6	294.3	269.0	246.0	225.2	212.4
12.5°	2137.4	1190.5	709.0	483.9	383.7	331.6	302.9	277.0	252.0	229.6	214.3
10°	2650.6	1498.9	872.4	560.9	414.7	345.4	309.1	281.8	255.3	232.7	215.6
7.5°	3294.3	1842.2	1018.1	618.1	438.2	355.3	312.8	284.3	257.1	234.6	216.3
5°	3700.7	2069.1	1115.5	661.1	455.6	362.0	315.5	285.3	257.5	235.4	216.4
2.5°	3986.8	2185.9	1159.9	684.7	465.5	364.9	316.9	286.0	258.8	236.1	217.5
0°	4034.3	2275.1	1166.2	690.1	466.7	363.3	316.4	286.1	260.0	236.0	218.2
-2.5°	3986.8	2185.9	1159.9	684.7	465.5	364.9	316.9	286.0	258.8	236.1	217.5
-5°	3700.7	2069.1	1115.5	661.1	455.6	362.0	315.5	285.3	257.5	235.4	216.4
-7.5°	3294.3	1842.2	1018.1	618.1	438.2	355.3	312.8	284.3	257.1	234.6	216.3
-10°	2650.6	1498.9	872.4	560.9	414.7	345.4	309.1	281.8	255.3	232.7	215.6
-12.5°	2137.4	1190.5	709.0	483.9	383.7	331.6	302.9	277.0	252.0	229.6	214.3
-15°	1521.7	931.4	606.1	442.2	360.5	318.6	294.3	269.0	246.0	225.2	212.4
-17.5°	1087.5	696.5	487.7	390.6	339.0	307.9	284.2	260.9	239.5	221.1	210.2
-20°	728.2	526.3	422.4	357.6	319.5	295.0	272.7	252.0	232.9	218.1	208.4



REPORT NUMBER: P558728 (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°	525.3	432.0	366.4	328.2	303.0	280.7	260.5	242.2	225.7	214.4	206.3
-25°	420.4	366.0	331.2	307.5	285.5	265.3	248.2	232.9	220.3	211.0	203.8
-27.5°	356.3	326.5	307.0	287.7	268.7	251.8	237.1	224.1	214.5	207.4	201.7
-30°	318.7	301.6	285.3	269.2	253.2	238.8	226.7	217.5	209.8	203.8	198.9
-32.5°	291.4	277.8	264.2	251.3	238.1	226.9	218.6	211.3	205.4	200.4	195.9
-35°	267.4	256.2	245.7	235.2	224.8	217.9	211.3	206.1	201.3	196.9	193.0
-37.5°	247.9	238.5	230.0	221.7	215.9	210.2	205.3	201.1	197.0	193.8	189.9
-40°	229.8	222.3	217.8	212.7	208.2	203.5	200.1	196.6	193.6	190.5	186.6
-42.5°	215.7	212.2	208.9	205.5	201.8	198.7	195.5	192.6	189.9	186.7	182.7
-45°	206.7	204.6	202.1	199.7	197.0	194.2	191.0	188.6	186.0	182.4	178.5
-47.5°	200.4	198.8	196.9	194.9	192.6	189.9	187.2	184.7	181.3	177.7	172.9
-50°	195.7	194.4	192.7	190.7	188.4	186.0	182.9	179.4	176.0	171.9	167.2
-52.5°	191.8	190.2	188.4	186.4	183.7	180.7	177.6	173.9	170.1	165.6	160.8
-55°	187.0	185.4	183.2	180.7	177.8	175.0	171.7	167.7	163.1	158.8	153.5
-57.5°	181.4	179.6	177.1	174.5	171.9	168.5	164.4	160.2	155.5	150.9	145.6
-60°	174.4	172.3	169.6	166.7	163.7	160.2	156.0	151.7	147.4	141.6	135.6
-62.5°	165.6	162.9	160.2	157.2	153.8	150.3	146.1	141.2	136.1	130.8	124.8
-65°	154.6	151.8	149.2	145.6	141.7	137.5	133.3	128.8	124.0	119.1	113.3
-67.5°	140.5	137.5	134.4	131.0	127.1	123.3	119.4	115.5	110.8	105.5	99.4
-70°	123.3	120.3	117.3	114.4	111.3	107.9	104.1	100.0	95.5	90.5	84.9
-72.5°	104.2	101.9	99.5	97.0	94.3	91.1	87.5	83.5	79.2	74.7	70.2
-75°	84.4	82.5	80.4	78.1	75.6	72.8	69.7	66.5	63.2	59.9	56.4
-77.5°	64.1	62.7	61.1	59.2	57.0	54.6	52.1	49.9	47.6	45.1	42.2
-80°	45.2	44.2	43.0	41.5	39.9	38.2	36.4	34.5	32.5	30.4	28.6
-82.5°	28.8	28.2	27.5	26.6	25.6	24.5	23.3	22.0	20.6	19.1	17.6
-85°	16.3	16.0	15.6	15.0	14.4	13.8	13.3	12.7	12.0	11.4	10.8
-87.5°	5.9	5.8	5.7	5.8	5.9	5.9	6.0	5.8	5.6	5.4	5.2
-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: P558728 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8	2.5	2.2
85°	10.3	9.8	9.3	8.7	8.0	7.3	6.7	6.2	5.6	5.0	4.4
82.5°	16.3	15.6	14.8	14.1	13.4	12.5	11.5	10.3	8.9	7.6	6.6
80°	26.9	25.1	23.2	21.2	19.4	17.7	16.6	15.1	13.2	11.3	9.4
77.5°	39.0	35.8	32.7	30.0	27.2	24.6	22.3	20.0	17.4	14.9	12.5
75°	52.4	48.3	44.2	40.1	35.7	31.4	28.2	25.2	22.0	18.6	15.6
72.5°	65.7	60.9	55.9	50.5	45.5	40.4	35.1	30.3	26.7	22.9	18.9
70°	79.3	73.6	68.0	61.9	55.6	49.3	43.3	37.3	31.4	27.2	22.7
67.5°	92.9	86.3	79.8	73.0	65.9	58.8	51.6	44.6	37.9	31.4	26.5
65°	106.1	98.7	91.1	83.8	76.1	68.1	60.1	52.0	44.2	36.9	30.2
62.5°	118.3	111.2	102.9	94.5	86.1	77.4	68.4	59.5	50.5	42.3	34.5
60°	129.1	121.8	114.2	105.4	96.1	86.7	76.9	67.0	57.2	47.5	39.0
57.5°	138.8	131.8	124.0	115.6	106.0	95.8	85.2	74.5	63.7	53.1	43.3
55°	147.9	140.8	133.2	124.7	115.3	104.8	93.4	81.9	70.2	58.8	47.5
52.5°	155.2	148.9	141.5	133.2	123.7	113.3	101.5	89.1	76.7	64.3	52.3
50°	161.8	155.9	149.0	140.8	131.8	121.0	109.4	96.2	82.9	69.7	57.0
47.5°	167.8	162.1	155.5	147.8	138.6	128.4	116.4	103.2	89.0	75.1	61.6
45°	173.1	167.6	161.4	153.8	145.1	134.7	122.9	110.1	95.1	80.3	65.9
42.5°	178.0	172.5	166.5	159.7	150.7	140.6	129.2	115.9	101.0	85.3	70.1
40°	181.9	176.8	171.1	164.2	155.9	146.3	134.5	121.3	106.7	90.2	74.3
37.5°	185.5	180.4	174.8	168.4	160.7	150.9	139.6	126.5	111.8	94.9	78.3
35°	188.6	183.7	178.1	171.9	164.4	155.3	144.4	131.2	116.1	99.4	82.1
32.5°	191.4	186.5	180.8	174.7	167.9	159.4	148.5	135.2	120.2	103.5	85.6
30°	194.1	188.8	183.4	177.3	170.9	162.5	151.9	138.9	124.0	107.4	88.9
27.5°	196.2	190.7	185.7	179.5	173.1	165.3	155.1	142.4	127.4	110.8	92.0
25°	198.2	192.5	187.3	181.5	175.0	167.8	158.0	145.5	130.4	113.6	94.9
22.5°	200.0	194.2	188.6	183.3	176.7	170.2	160.4	147.9	132.9	116.1	97.4
20°	201.6	195.7	189.7	184.7	178.1	171.7	162.4	150.0	135.2	118.4	99.7
17.5°	203.0	196.9	190.8	185.5	179.3	172.9	164.1	152.0	137.2	120.4	101.7
15°	204.3	197.8	191.8	186.2	180.3	173.9	165.7	153.7	138.9	122.1	103.4
12.5°	205.3	198.5	192.5	186.7	181.1	174.7	167.0	155.1	140.4	123.6	104.8
10°	206.1	198.8	193.1	187.0	181.6	175.3	168.1	156.3	141.5	124.7	105.9
7.5°	206.7	198.9	193.4	187.2	181.9	175.8	168.8	157.1	142.3	125.6	106.8
5°	207.2	199.2	193.8	187.6	182.4	176.2	169.2	157.6	142.9	126.1	107.3
2.5°	208.2	199.9	194.1	187.8	182.6	176.4	169.3	157.8	143.1	126.4	107.5
0°	208.8	200.5	194.2	187.9	182.7	176.5	169.1	157.7	143.0	126.3	107.5
-2.5°	208.2	199.9	194.1	187.8	182.6	176.4	169.3	157.8	143.1	126.4	107.5
-5°	207.2	199.2	193.8	187.6	182.4	176.2	169.2	157.6	142.9	126.1	107.3
-7.5°	206.7	198.9	193.4	187.2	181.9	175.8	168.8	157.1	142.3	125.6	106.8
-10°	206.1	198.8	193.1	187.0	181.6	175.3	168.1	156.3	141.5	124.7	105.9
-12.5°	205.3	198.5	192.5	186.7	181.1	174.7	167.0	155.1	140.4	123.6	104.8
-15°	204.3	197.8	191.8	186.2	180.3	173.9	165.7	153.7	138.9	122.1	103.4
-17.5°	203.0	196.9	190.8	185.5	179.3	172.9	164.1	152.0	137.2	120.4	101.7
-20°	201.6	195.7	189.7	184.7	178.1	171.7	162.4	150.0	135.2	118.4	99.7



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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°	200.0	194.2	188.6	183.3	176.7	170.2	160.4	147.9	132.9	116.1	97.4
-25°	198.2	192.5	187.3	181.5	175.0	167.8	158.0	145.5	130.4	113.6	94.9
-27.5°	196.2	190.7	185.7	179.5	173.1	165.3	155.1	142.4	127.4	110.8	92.0
-30°	194.1	188.8	183.4	177.3	170.9	162.5	151.9	138.9	124.0	107.4	88.9
-32.5°	191.4	186.5	180.8	174.7	167.9	159.4	148.5	135.2	120.2	103.5	85.6
-35°	188.6	183.7	178.1	171.9	164.4	155.3	144.4	131.2	116.1	99.4	82.1
-37.5°	185.5	180.4	174.8	168.4	160.7	150.9	139.6	126.5	111.8	94.9	78.3
-40°	181.9	176.8	171.1	164.2	155.9	146.3	134.5	121.3	106.7	90.2	74.3
-42.5°	178.0	172.5	166.5	159.7	150.7	140.6	129.2	115.9	101.0	85.3	70.1
-45°	173.1	167.6	161.4	153.8	145.1	134.7	122.9	110.1	95.1	80.3	65.9
-47.5°	167.8	162.1	155.5	147.8	138.6	128.4	116.4	103.2	89.0	75.1	61.6
-50°	161.8	155.9	149.0	140.8	131.8	121.0	109.4	96.2	82.9	69.7	57.0
-52.5°	155.2	148.9	141.5	133.2	123.7	113.3	101.5	89.1	76.7	64.3	52.3
-55°	147.9	140.8	133.2	124.7	115.3	104.8	93.4	81.9	70.2	58.8	47.5
-57.5°	138.8	131.8	124.0	115.6	106.0	95.8	85.2	74.5	63.7	53.1	43.3
-60°	129.1	121.8	114.2	105.4	96.1	86.7	76.9	67.0	57.2	47.5	39.0
-62.5°	118.3	111.2	102.9	94.5	86.1	77.4	68.4	59.5	50.5	42.3	34.5
-65°	106.1	98.7	91.1	83.8	76.1	68.1	60.1	52.0	44.2	36.9	30.2
-67.5°	92.9	86.3	79.8	73.0	65.9	58.8	51.6	44.6	37.9	31.4	26.5
-70°	79.3	73.6	68.0	61.9	55.6	49.3	43.3	37.3	31.4	27.2	22.7
-72.5°	65.7	60.9	55.9	50.5	45.5	40.4	35.1	30.3	26.7	22.9	18.9
-75°	52.4	48.3	44.2	40.1	35.7	31.4	28.2	25.2	22.0	18.6	15.6
-77.5°	39.0	35.8	32.7	30.0	27.2	24.6	22.3	20.0	17.4	14.9	12.5
-80°	26.9	25.1	23.2	21.2	19.4	17.7	16.6	15.1	13.2	11.3	9.4
-82.5°	16.3	15.6	14.8	14.1	13.4	12.5	11.5	10.3	8.9	7.6	6.6
-85°	10.3	9.8	9.3	8.7	8.0	7.3	6.7	6.2	5.6	5.0	4.4
-87.5°	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8	2.5	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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°	1.9	1.6	1.4	1.1	0.7	0.4	0.0
85°	3.8	3.3	2.7	2.1	1.5	0.7	0.0
82.5°	5.7	4.9	4.1	3.2	2.2	1.1	0.0
80°	7.6	6.5	5.4	4.2	2.9	1.5	0.0
77.5°	10.3	8.4	6.8	5.3	3.6	1.8	0.0
75°	12.9	10.6	8.2	6.3	4.3	2.2	0.0
72.5°	15.5	12.8	10.0	7.3	5.0	2.5	0.0
70°	18.2	14.9	11.7	8.4	5.7	2.9	0.0
67.5°	21.5	17.0	13.4	9.7	6.4	3.2	0.0
65°	24.7	19.4	15.1	11.0	7.1	3.5	0.0
62.5°	27.9	22.0	16.7	12.2	7.7	3.9	0.0
60°	31.0	24.5	18.3	13.4	8.4	4.2	0.0
57.5°	34.6	27.0	20.2	14.6	9.2	4.5	0.0
55°	38.2	29.4	22.1	15.7	9.9	4.8	0.0
52.5°	41.8	31.8	24.0	16.9	10.7	5.1	0.0
50°	45.2	34.6	25.7	17.9	11.4	5.4	0.0
47.5°	48.5	37.4	27.4	19.0	12.0	5.7	0.0
45°	52.2	40.0	29.0	20.2	12.7	5.9	0.0
42.5°	55.8	42.5	30.6	21.4	13.3	6.2	0.0
40°	59.1	45.0	32.3	22.5	13.9	6.4	0.0
37.5°	62.3	47.2	34.1	23.5	14.5	6.7	0.0
35°	65.2	49.6	35.8	24.4	15.0	6.9	0.0
32.5°	68.1	51.9	37.5	25.3	15.5	7.1	0.0
30°	70.9	54.1	39.0	26.1	16.0	7.3	0.0
27.5°	73.5	56.1	40.4	26.8	16.4	7.5	0.0
25°	75.9	57.9	41.6	27.5	16.8	7.6	0.0
22.5°	78.0	59.5	42.8	28.1	17.2	7.8	0.0
20°	80.0	61.0	43.9	28.6	17.5	7.9	0.0
17.5°	81.8	62.4	44.8	29.1	17.8	8.0	0.0
15°	83.3	63.5	45.6	29.5	18.1	8.1	0.0
12.5°	84.7	64.5	46.3	29.8	18.3	8.2	0.0
10°	85.8	65.3	46.9	30.0	18.5	8.3	0.0
7.5°	86.6	66.0	47.4	30.2	18.6	8.3	0.0
5°	87.2	66.4	47.7	30.3	18.7	8.4	0.0
2.5°	87.6	66.7	47.9	30.3	18.8	8.4	0.0
0°	87.7	66.8	48.0	30.3	18.8	8.4	0.0
-2.5°	87.6	66.7	47.9	30.3	18.8	8.4	0.0
-5°	87.2	66.4	47.7	30.3	18.7	8.4	0.0
-7.5°	86.6	66.0	47.4	30.2	18.6	8.3	0.0
-10°	85.8	65.3	46.9	30.0	18.5	8.3	0.0
-12.5°	84.7	64.5	46.3	29.8	18.3	8.2	0.0
-15°	83.3	63.5	45.6	29.5	18.1	8.1	0.0
-17.5°	81.8	62.4	44.8	29.1	17.8	8.0	0.0
-20°	80.0	61.0	43.9	28.6	17.5	7.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	78.0	59.5	42.8	28.1	17.2	7.8	0.0
-25°	75.9	57.9	41.6	27.5	16.8	7.6	0.0
-27.5°	73.5	56.1	40.4	26.8	16.4	7.5	0.0
-30°	70.9	54.1	39.0	26.1	16.0	7.3	0.0
-32.5°	68.1	51.9	37.5	25.3	15.5	7.1	0.0
-35°	65.2	49.6	35.8	24.4	15.0	6.9	0.0
-37.5°	62.3	47.2	34.1	23.5	14.5	6.7	0.0
-40°	59.1	45.0	32.3	22.5	13.9	6.4	0.0
-42.5°	55.8	42.5	30.6	21.4	13.3	6.2	0.0
-45°	52.2	40.0	29.0	20.2	12.7	5.9	0.0
-47.5°	48.5	37.4	27.4	19.0	12.0	5.7	0.0
-50°	45.2	34.6	25.7	17.9	11.4	5.4	0.0
-52.5°	41.8	31.8	24.0	16.9	10.7	5.1	0.0
-55°	38.2	29.4	22.1	15.7	9.9	4.8	0.0
-57.5°	34.6	27.0	20.2	14.6	9.2	4.5	0.0
-60°	31.0	24.5	18.3	13.4	8.4	4.2	0.0
-62.5°	27.9	22.0	16.7	12.2	7.7	3.9	0.0
-65°	24.7	19.4	15.1	11.0	7.1	3.5	0.0
-67.5°	21.5	17.0	13.4	9.7	6.4	3.2	0.0
-70°	18.2	14.9	11.7	8.4	5.7	2.9	0.0
-72.5°	15.5	12.8	10.0	7.3	5.0	2.5	0.0
-75°	12.9	10.6	8.2	6.3	4.3	2.2	0.0
-77.5°	10.3	8.4	6.8	5.3	3.6	1.8	0.0
-80°	7.6	6.5	5.4	4.2	2.9	1.5	0.0
-82.5°	5.7	4.9	4.1	3.2	2.2	1.1	0.0
-85°	3.8	3.3	2.7	2.1	1.5	0.7	0.0
-87.5°	1.9	1.6	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)