

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: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-930-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558664 (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-SA2C-930-U-TS-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT N2  
Light Source: (32) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

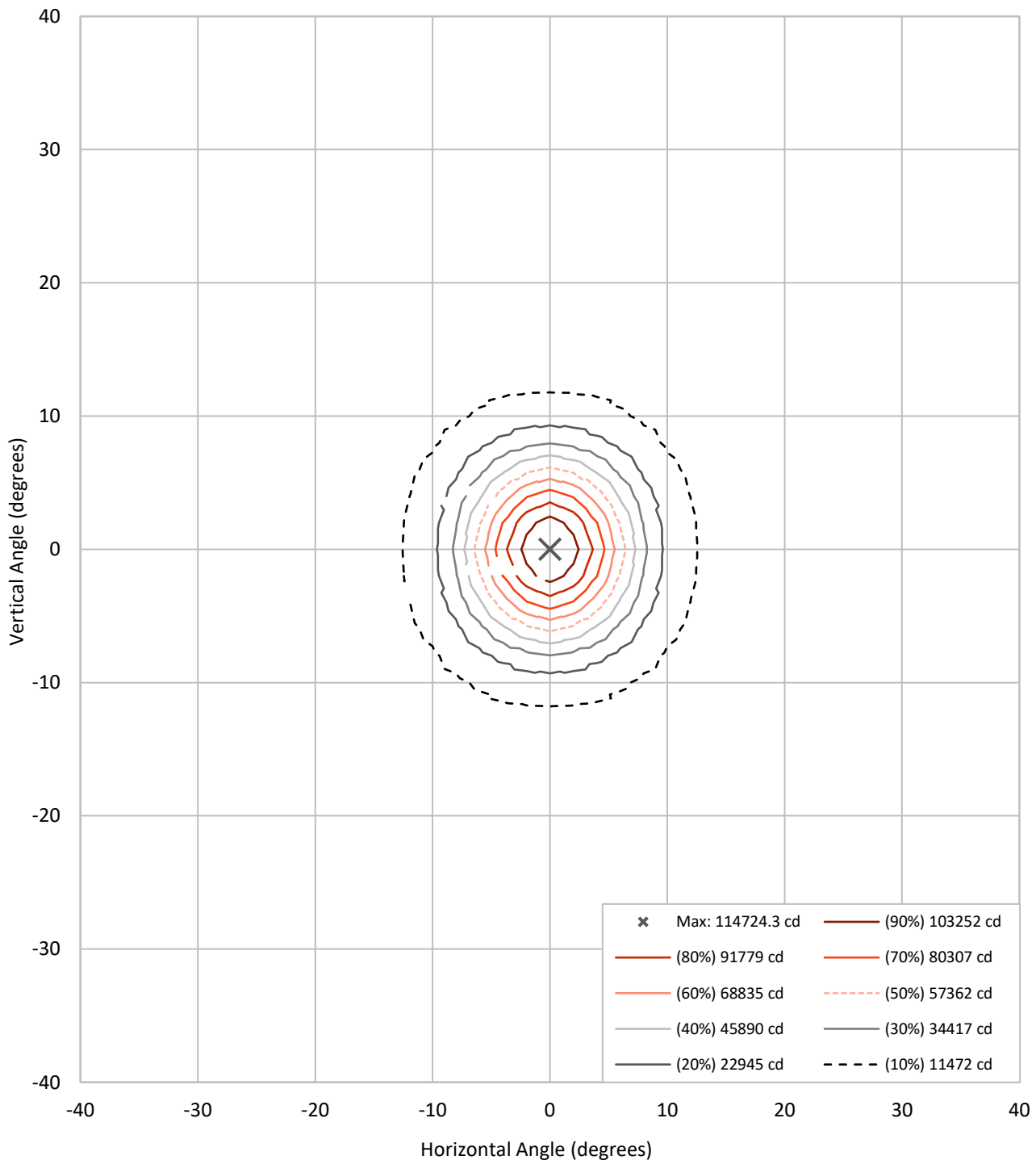
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	8316 lumens	Max Intensity:	114724.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	2627.7 lumens	Field Lumens:	5821.3 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 83  
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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CATALOG NUMBER: GFLD-SA2C-930-U-TS-XX

### Iso-Candela Plot





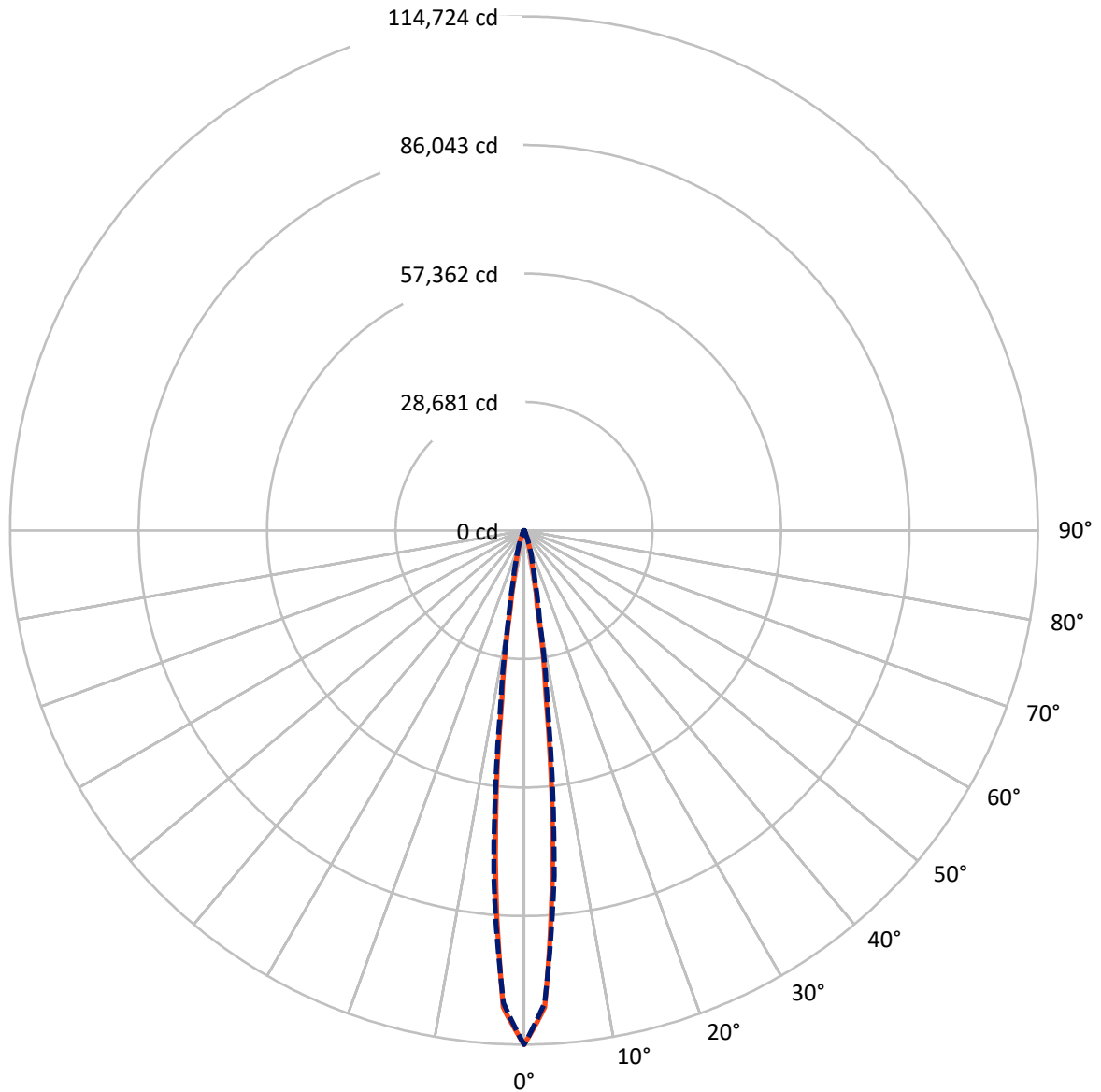
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### Lumen Table

90	0.1	1.0		2.7		4.3		5.0		4.3		2.7		1.0		0.1
80	0.1	1.0		2.7		4.3		5.0		4.3		2.7		1.0		0.1
70	0.4	0.5	1.1	1.8	2.4	3.0	3.4	3.6	3.6	3.4	3.0	2.4	1.8	1.1	0.5	0.4
60		0.8	1.6	2.4	3.1	3.7	4.1	4.2	4.2	4.1	3.7	3.1	2.4	1.6	0.8	
50	0.8	1.0	2.0	2.8	3.5	4.1	4.6	4.9	4.9	4.6	4.1	3.5	2.8	2.0	1.0	0.8
40		1.2	2.2	3.1	3.9	5.1	6.3	7.2	7.2	6.3	5.1	3.9	3.1	2.2	1.2	
30	1.1	1.4	2.3	3.3	4.6	7.2	16.0	29.0	29.0	16.0	7.2	4.6	3.3	2.3	1.4	1.1
20		1.5	2.4	3.4	5.5	15.4	87.2	191.8	191.8	87.2	15.4	5.5	3.4	2.4	1.5	
10	1.2	1.5	2.4	3.5	6.1	29.6	209.3	1354.2	1354.2	209.3	29.6	6.1	3.5	2.4	1.5	1.2
0		1.5	2.4	3.5	6.1	29.6	209.3	1354.2	1354.2	209.3	29.6	6.1	3.5	2.4	1.5	
-10	1.1	1.5	2.4	3.4	5.5	15.4	87.2	191.8	191.8	87.2	15.4	5.5	3.4	2.4	1.5	1.1
-20		1.4	2.3	3.3	4.6	7.2	16.0	29.0	29.0	16.0	7.2	4.6	3.3	2.3	1.4	
-30	0.8	1.2	2.2	3.1	3.9	5.1	6.3	7.2	7.2	6.3	5.1	3.9	3.1	2.2	1.2	0.8
-40		1.0	2.0	2.8	3.5	4.1	4.6	4.9	4.9	4.6	4.1	3.5	2.8	2.0	1.0	
-50	0.4	0.8	1.6	2.4	3.1	3.7	4.1	4.2	4.2	4.1	3.7	3.1	2.4	1.6	0.8	0.4
-60		0.5	1.1	1.8	2.4	3.0	3.4	3.6	3.6	3.4	3.0	2.4	1.8	1.1	0.5	
-70	0.1	1.0		2.7		4.3		5.0		4.3		2.7		1.0		0.1
-80		1.0		2.7		4.3		5.0		4.3		2.7		1.0		
-90	0.1	1.0		2.7		4.3		5.0		4.3		2.7		1.0		0.1

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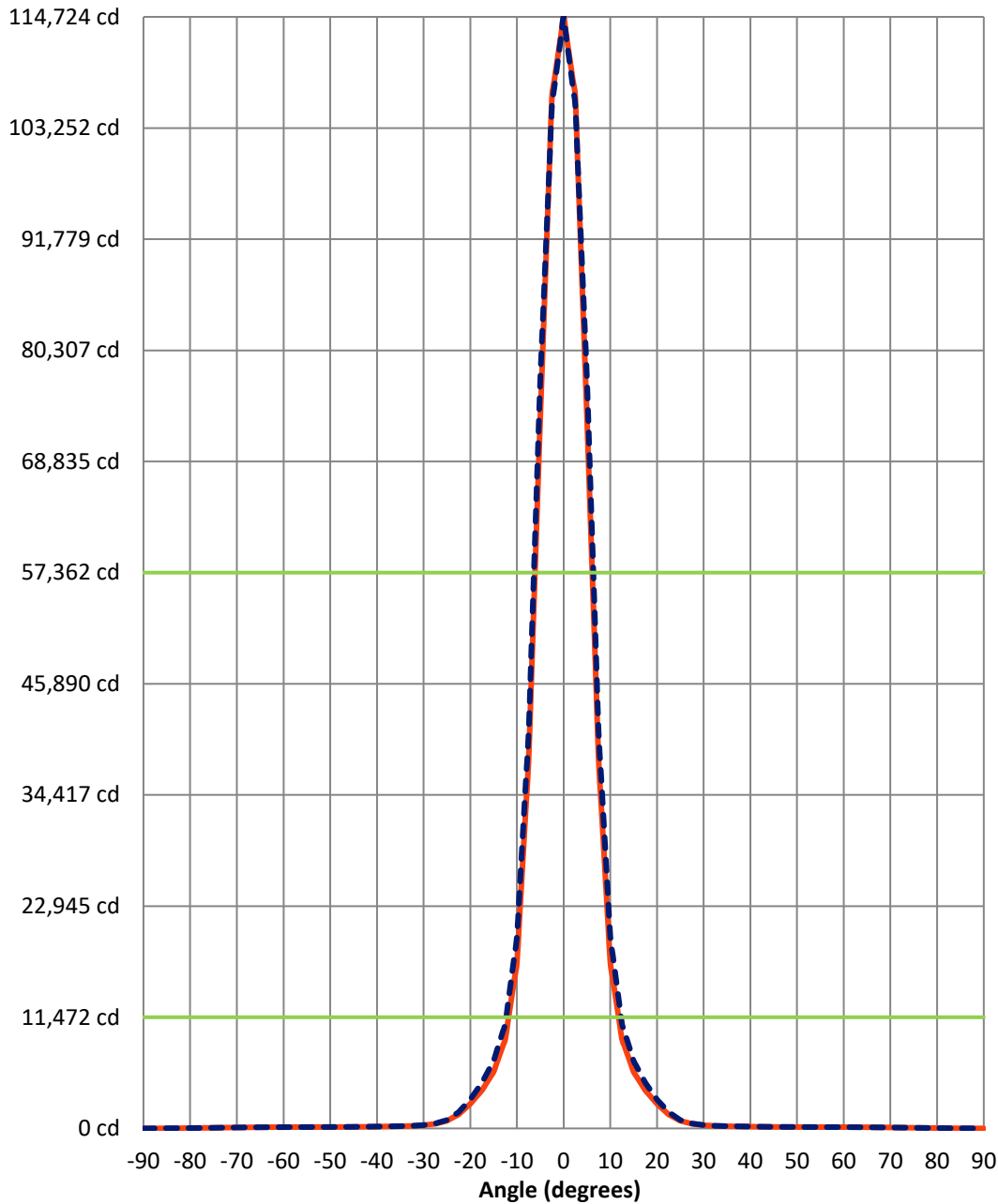
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 2627.7  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 5821.3  
Efficiency: 70.0%

**Spill:**  
Lumens: 2494.7  
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	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.6	6.6	7.6
80°	0.0	1.1	2.2	3.1	4.0	4.8	5.7	7.0	8.3	9.7	11.2
77.5°	0.0	1.3	2.7	3.9	5.0	6.2	7.6	9.3	11.0	12.8	14.8
75°	0.0	1.6	3.2	4.7	6.1	7.8	9.6	11.6	13.8	16.3	18.6
72.5°	0.0	1.9	3.7	5.4	7.4	9.4	11.5	14.0	17.0	19.8	22.5
70°	0.0	2.1	4.2	6.2	8.6	11.0	13.5	16.8	20.1	23.3	27.6
67.5°	0.0	2.4	4.7	7.2	9.9	12.6	15.9	19.6	23.3	28.1	33.1
65°	0.0	2.6	5.2	8.1	11.1	14.4	18.3	22.4	27.4	32.7	38.5
62.5°	0.0	2.9	5.7	9.0	12.4	16.3	20.7	25.6	31.3	37.4	44.0
60°	0.0	3.1	6.2	9.9	13.5	18.2	22.9	28.9	35.1	42.3	49.5
57.5°	0.0	3.3	6.8	10.8	15.0	20.0	25.6	32.0	39.3	47.1	55.0
55°	0.0	3.6	7.3	11.6	16.4	21.8	28.3	35.2	43.5	51.9	60.5
52.5°	0.0	3.8	7.9	12.5	17.7	23.6	30.9	38.7	47.5	56.7	65.9
50°	0.0	4.0	8.4	13.3	19.0	25.6	33.4	42.2	51.5	61.3	71.2
47.5°	0.0	4.2	8.9	14.1	20.3	27.7	35.9	45.5	55.5	65.8	76.4
45°	0.0	4.4	9.4	15.0	21.5	29.6	38.6	48.7	59.4	70.3	81.4
42.5°	0.0	4.6	9.8	15.8	22.7	31.5	41.2	51.9	63.1	74.7	85.7
40°	0.0	4.7	10.3	16.6	23.9	33.3	43.7	55.0	66.7	78.9	89.7
37.5°	0.0	4.9	10.7	17.4	25.3	34.9	46.0	57.9	70.2	82.7	93.6
35°	0.0	5.1	11.1	18.1	26.5	36.7	48.2	60.7	73.5	85.9	97.0
32.5°	0.0	5.2	11.5	18.7	27.7	38.4	50.3	63.3	76.6	88.9	100.0
30°	0.0	5.4	11.8	19.3	28.9	40.0	52.4	65.8	79.4	91.7	102.7
27.5°	0.0	5.5	12.2	19.9	29.9	41.5	54.3	68.1	81.9	94.3	105.3
25°	0.0	5.6	12.5	20.4	30.8	42.8	56.1	70.2	84.0	96.4	107.6
22.5°	0.0	5.7	12.7	20.8	31.7	44.0	57.7	72.1	85.9	98.3	109.4
20°	0.0	5.8	13.0	21.2	32.4	45.1	59.2	73.7	87.6	100.0	111.0
17.5°	0.0	5.9	13.2	21.5	33.1	46.1	60.5	75.2	89.0	101.5	112.4
15°	0.0	6.0	13.4	21.8	33.8	47.0	61.7	76.5	90.3	102.8	113.7
12.5°	0.0	6.1	13.5	22.0	34.3	47.7	62.6	77.5	91.4	103.8	114.7
10°	0.0	6.1	13.7	22.2	34.7	48.3	63.5	78.4	92.2	104.7	115.6
7.5°	0.0	6.1	13.8	22.3	35.1	48.8	64.1	79.0	92.9	105.3	116.2
5°	0.0	6.2	13.8	22.4	35.3	49.1	64.5	79.4	93.3	105.7	116.5
2.5°	0.0	6.2	13.9	22.4	35.4	49.3	64.8	79.6	93.5	105.9	116.7
0°	0.0	6.2	13.9	22.4	35.5	49.4	64.9	79.6	93.5	105.8	116.6
-2.5°	0.0	6.2	13.9	22.4	35.4	49.3	64.8	79.6	93.5	105.9	116.7
-5°	0.0	6.2	13.8	22.4	35.3	49.1	64.5	79.4	93.3	105.7	116.5
-7.5°	0.0	6.1	13.8	22.3	35.1	48.8	64.1	79.0	92.9	105.3	116.2
-10°	0.0	6.1	13.7	22.2	34.7	48.3	63.5	78.4	92.2	104.7	115.6
-12.5°	0.0	6.1	13.5	22.0	34.3	47.7	62.6	77.5	91.4	103.8	114.7
-15°	0.0	6.0	13.4	21.8	33.8	47.0	61.7	76.5	90.3	102.8	113.7
-17.5°	0.0	5.9	13.2	21.5	33.1	46.1	60.5	75.2	89.0	101.5	112.4
-20°	0.0	5.8	13.0	21.2	32.4	45.1	59.2	73.7	87.6	100.0	111.0



REPORT NUMBER: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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	5.7	12.7	20.8	31.7	44.0	57.7	72.1	85.9	98.3	109.4
-25°	0.0	5.6	12.5	20.4	30.8	42.8	56.1	70.2	84.0	96.4	107.6
-27.5°	0.0	5.5	12.2	19.9	29.9	41.5	54.3	68.1	81.9	94.3	105.3
-30°	0.0	5.4	11.8	19.3	28.9	40.0	52.4	65.8	79.4	91.7	102.7
-32.5°	0.0	5.2	11.5	18.7	27.7	38.4	50.3	63.3	76.6	88.9	100.0
-35°	0.0	5.1	11.1	18.1	26.5	36.7	48.2	60.7	73.5	85.9	97.0
-37.5°	0.0	4.9	10.7	17.4	25.3	34.9	46.0	57.9	70.2	82.7	93.6
-40°	0.0	4.7	10.3	16.6	23.9	33.3	43.7	55.0	66.7	78.9	89.7
-42.5°	0.0	4.6	9.8	15.8	22.7	31.5	41.2	51.9	63.1	74.7	85.7
-45°	0.0	4.4	9.4	15.0	21.5	29.6	38.6	48.7	59.4	70.3	81.4
-47.5°	0.0	4.2	8.9	14.1	20.3	27.7	35.9	45.5	55.5	65.8	76.4
-50°	0.0	4.0	8.4	13.3	19.0	25.6	33.4	42.2	51.5	61.3	71.2
-52.5°	0.0	3.8	7.9	12.5	17.7	23.6	30.9	38.7	47.5	56.7	65.9
-55°	0.0	3.6	7.3	11.6	16.4	21.8	28.3	35.2	43.5	51.9	60.5
-57.5°	0.0	3.3	6.8	10.8	15.0	20.0	25.6	32.0	39.3	47.1	55.0
-60°	0.0	3.1	6.2	9.9	13.5	18.2	22.9	28.9	35.1	42.3	49.5
-62.5°	0.0	2.9	5.7	9.0	12.4	16.3	20.7	25.6	31.3	37.4	44.0
-65°	0.0	2.6	5.2	8.1	11.1	14.4	18.3	22.4	27.4	32.7	38.5
-67.5°	0.0	2.4	4.7	7.2	9.9	12.6	15.9	19.6	23.3	28.1	33.1
-70°	0.0	2.1	4.2	6.2	8.6	11.0	13.5	16.8	20.1	23.3	27.6
-72.5°	0.0	1.9	3.7	5.4	7.4	9.4	11.5	14.0	17.0	19.8	22.5
-75°	0.0	1.6	3.2	4.7	6.1	7.8	9.6	11.6	13.8	16.3	18.6
-77.5°	0.0	1.3	2.7	3.9	5.0	6.2	7.6	9.3	11.0	12.8	14.8
-80°	0.0	1.1	2.2	3.1	4.0	4.8	5.7	7.0	8.3	9.7	11.2
-82.5°	0.0	0.8	1.6	2.3	3.0	3.6	4.2	4.9	5.6	6.6	7.6
-85°	0.0	0.5	1.1	1.6	2.0	2.4	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.4	1.6	1.8	2.1	2.3
-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°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
85°	5.0	5.4	5.9	6.4	6.9	7.3	7.6	8.0	8.4	8.9	9.4
82.5°	8.5	9.3	9.9	10.4	11.0	11.5	12.1	13.0	14.2	15.3	16.3
80°	12.3	13.1	14.4	15.7	17.2	18.5	19.9	21.2	22.5	24.0	25.6
77.5°	16.5	18.2	20.1	22.2	24.2	26.5	28.8	31.2	33.4	35.3	36.9
75°	20.9	23.2	26.4	29.6	32.6	35.7	38.7	41.7	44.3	46.8	49.2
72.5°	26.0	29.8	33.6	37.3	41.3	45.1	48.6	52.0	55.3	58.6	61.7
70°	32.1	36.5	41.1	45.7	50.3	54.5	58.7	62.8	66.9	70.7	74.0
67.5°	38.2	43.5	48.7	54.0	59.0	63.8	68.7	73.5	78.1	82.0	85.5
65°	44.4	50.3	56.3	62.0	67.4	73.0	78.5	83.9	88.2	91.8	95.2
62.5°	50.6	57.2	63.7	70.0	76.1	82.2	87.5	92.3	96.7	100.7	104.4
60°	56.8	64.1	71.1	78.0	84.5	90.1	95.5	100.2	104.7	109.0	112.2
57.5°	63.1	70.9	78.4	85.5	91.7	97.5	102.7	107.7	111.6	115.1	118.5
55°	69.1	77.5	85.3	92.2	98.5	104.1	109.3	113.6	117.5	120.7	124.1
52.5°	75.1	83.8	91.5	98.5	104.6	110.1	114.8	118.9	122.5	125.9	128.6
50°	80.9	89.5	97.4	104.1	110.2	115.3	119.7	123.7	127.2	130.2	132.7
47.5°	86.1	94.9	102.5	109.3	115.1	119.9	124.1	128.0	131.5	134.1	136.6
45°	90.9	99.6	107.3	113.8	119.5	124.0	128.1	132.1	135.0	137.6	139.5
42.5°	95.6	104.0	111.5	118.2	123.1	127.6	131.8	135.2	138.2	140.5	142.5
40°	99.5	108.2	115.4	121.5	126.5	130.8	134.6	138.0	141.0	143.2	145.5
37.5°	103.2	111.6	118.9	124.6	129.3	133.5	137.3	140.5	143.4	145.8	148.8
35°	106.8	114.9	121.6	127.1	131.8	135.9	139.5	142.8	145.6	149.0	152.5
32.5°	109.8	118.0	124.2	129.2	133.8	138.0	141.6	144.9	148.2	152.0	156.4
30°	112.4	120.2	126.4	131.1	135.7	139.7	143.5	147.1	150.8	155.3	160.9
27.5°	114.7	122.3	128.0	132.8	137.4	141.1	145.1	149.2	153.5	158.7	165.8
25°	116.9	124.2	129.4	134.3	138.6	142.4	146.6	150.8	156.1	163.0	172.3
22.5°	118.7	125.9	130.7	135.6	139.6	143.7	147.9	152.6	158.6	166.9	179.2
20°	120.1	127.0	131.8	136.6	140.4	144.7	149.1	154.2	161.3	172.2	186.4
17.5°	121.4	127.9	132.7	137.3	141.2	145.6	150.1	155.4	163.6	177.2	193.0
15°	122.5	128.6	133.4	137.8	141.9	146.3	151.0	157.1	166.6	182.0	199.0
12.5°	123.5	129.2	133.9	138.1	142.4	146.8	151.8	158.5	169.8	186.4	204.9
10°	124.4	129.6	134.3	138.4	142.8	147.1	152.4	159.5	172.1	188.9	208.4
7.5°	124.9	130.0	134.6	138.5	143.1	147.1	152.9	159.9	173.5	190.2	210.3
5°	125.1	130.3	134.9	138.8	143.4	147.3	153.3	160.0	174.1	190.4	211.1
2.5°	125.2	130.4	135.1	138.9	143.6	147.9	154.0	160.8	174.6	191.4	211.5
0°	125.1	130.5	135.2	139.0	143.7	148.3	154.5	161.4	174.5	192.3	211.6
-2.5°	125.2	130.4	135.1	138.9	143.6	147.9	154.0	160.8	174.6	191.4	211.5
-5°	125.1	130.3	134.9	138.8	143.4	147.3	153.3	160.0	174.1	190.4	211.1
-7.5°	124.9	130.0	134.6	138.5	143.1	147.1	152.9	159.9	173.5	190.2	210.3
-10°	124.4	129.6	134.3	138.4	142.8	147.1	152.4	159.5	172.1	188.9	208.4
-12.5°	123.5	129.2	133.9	138.1	142.4	146.8	151.8	158.5	169.8	186.4	204.9
-15°	122.5	128.6	133.4	137.8	141.9	146.3	151.0	157.1	166.6	182.0	199.0
-17.5°	121.4	127.9	132.7	137.3	141.2	145.6	150.1	155.4	163.6	177.2	193.0
-20°	120.1	127.0	131.8	136.6	140.4	144.7	149.1	154.2	161.3	172.2	186.4



REPORT NUMBER: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	118.7	125.9	130.7	135.6	139.6	143.7	147.9	152.6	158.6	166.9	179.2
-25°	116.9	124.2	129.4	134.3	138.6	142.4	146.6	150.8	156.1	163.0	172.3
-27.5°	114.7	122.3	128.0	132.8	137.4	141.1	145.1	149.2	153.5	158.7	165.8
-30°	112.4	120.2	126.4	131.1	135.7	139.7	143.5	147.1	150.8	155.3	160.9
-32.5°	109.8	118.0	124.2	129.2	133.8	138.0	141.6	144.9	148.2	152.0	156.4
-35°	106.8	114.9	121.6	127.1	131.8	135.9	139.5	142.8	145.6	149.0	152.5
-37.5°	103.2	111.6	118.9	124.6	129.3	133.5	137.3	140.5	143.4	145.8	148.8
-40°	99.5	108.2	115.4	121.5	126.5	130.8	134.6	138.0	141.0	143.2	145.5
-42.5°	95.6	104.0	111.5	118.2	123.1	127.6	131.8	135.2	138.2	140.5	142.5
-45°	90.9	99.6	107.3	113.8	119.5	124.0	128.1	132.1	135.0	137.6	139.5
-47.5°	86.1	94.9	102.5	109.3	115.1	119.9	124.1	128.0	131.5	134.1	136.6
-50°	80.9	89.5	97.4	104.1	110.2	115.3	119.7	123.7	127.2	130.2	132.7
-52.5°	75.1	83.8	91.5	98.5	104.6	110.1	114.8	118.9	122.5	125.9	128.6
-55°	69.1	77.5	85.3	92.2	98.5	104.1	109.3	113.6	117.5	120.7	124.1
-57.5°	63.1	70.9	78.4	85.5	91.7	97.5	102.7	107.7	111.6	115.1	118.5
-60°	56.8	64.1	71.1	78.0	84.5	90.1	95.5	100.2	104.7	109.0	112.2
-62.5°	50.6	57.2	63.7	70.0	76.1	82.2	87.5	92.3	96.7	100.7	104.4
-65°	44.4	50.3	56.3	62.0	67.4	73.0	78.5	83.9	88.2	91.8	95.2
-67.5°	38.2	43.5	48.7	54.0	59.0	63.8	68.7	73.5	78.1	82.0	85.5
-70°	32.1	36.5	41.1	45.7	50.3	54.5	58.7	62.8	66.9	70.7	74.0
-72.5°	26.0	29.8	33.6	37.3	41.3	45.1	48.6	52.0	55.3	58.6	61.7
-75°	20.9	23.2	26.4	29.6	32.6	35.7	38.7	41.7	44.3	46.8	49.2
-77.5°	16.5	18.2	20.1	22.2	24.2	26.5	28.8	31.2	33.4	35.3	36.9
-80°	12.3	13.1	14.4	15.7	17.2	18.5	19.9	21.2	22.5	24.0	25.6
-82.5°	8.5	9.3	9.9	10.4	11.0	11.5	12.1	13.0	14.2	15.3	16.3
-85°	5.0	5.4	5.9	6.4	6.9	7.3	7.6	8.0	8.4	8.9	9.4
-87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
-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: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	4.4	4.4	4.3	4.3	4.2	4.2	4.3	4.4	4.4	4.5	4.5
85°	9.9	10.3	10.7	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.8
82.5°	17.3	18.2	19.0	19.7	20.3	20.9	21.4	21.8	22.2	22.5	22.7
80°	27.0	28.3	29.6	30.8	31.8	32.7	33.4	34.0	34.5	35.0	35.5
77.5°	38.6	40.4	42.2	43.8	45.2	46.4	47.4	48.3	49.1	50.0	50.9
75°	51.6	53.9	55.9	57.8	59.5	61.0	62.4	63.6	64.6	65.7	66.5
72.5°	64.7	67.4	69.8	71.8	73.6	75.3	77.1	78.7	80.2	81.3	82.1
70°	77.0	79.8	82.3	84.6	86.7	88.9	91.2	93.2	95.1	96.3	97.0
67.5°	88.3	91.2	94.0	96.9	99.4	101.7	103.9	106.0	107.8	109.1	109.8
65°	98.5	101.7	104.8	107.7	110.3	112.3	114.3	116.3	118.1	119.5	120.6
62.5°	108.1	111.2	113.8	116.2	118.5	120.5	122.5	124.3	125.8	127.2	128.5
60°	115.4	118.5	121.1	123.3	125.5	127.4	129.0	130.3	131.4	132.2	133.1
57.5°	121.6	124.6	127.2	129.1	131.0	132.8	134.2	135.0	135.7	136.1	136.5
55°	127.0	129.5	131.6	133.7	135.5	137.1	138.3	138.9	139.3	139.4	139.6
52.5°	131.4	133.7	135.9	137.9	139.3	140.7	141.9	142.2	142.4	142.5	142.5
50°	135.3	137.6	139.4	141.0	142.5	143.8	144.8	145.3	145.5	145.6	145.4
47.5°	138.5	140.5	142.4	144.1	145.7	147.1	148.2	148.9	149.4	149.6	149.6
45°	141.3	143.6	145.7	147.7	149.4	151.3	152.9	154.0	155.1	155.8	156.2
42.5°	144.7	146.9	149.2	152.0	154.5	157.0	159.6	161.9	164.3	166.8	168.5
40°	148.0	150.5	154.0	157.4	161.1	164.5	170.0	175.5	179.7	183.2	186.4
37.5°	151.9	155.5	159.7	164.0	170.1	176.4	183.4	190.2	196.2	201.5	205.9
35°	156.3	161.2	166.4	174.0	181.7	189.5	197.8	207.0	214.7	220.3	224.3
32.5°	161.7	167.9	176.2	185.9	195.4	205.5	215.6	225.8	233.3	241.2	249.1
30°	167.7	176.6	187.3	199.1	211.0	223.1	235.8	249.8	263.2	277.6	298.1
27.5°	175.4	186.2	198.8	212.8	227.1	241.5	263.5	287.7	323.5	352.1	400.7
25°	183.6	196.2	211.2	227.5	245.0	270.7	311.0	358.6	443.0	508.5	607.8
22.5°	192.7	207.6	224.2	242.8	271.0	319.6	388.6	510.9	681.1	849.2	1036.2
20°	201.7	218.2	236.3	264.5	312.5	389.3	538.6	803.1	1098.5	1519.1	1872.1
17.5°	210.2	227.7	250.7	288.9	360.7	515.2	804.4	1257.5	1874.4	2552.4	3117.8
15°	217.7	235.6	266.6	327.1	448.3	689.0	1125.7	1896.7	2933.4	3861.6	4689.6
12.5°	224.0	245.3	283.8	357.9	524.4	880.6	1581.1	2676.0	3941.9	5243.7	6291.6
10°	228.7	255.5	306.7	414.9	645.3	1108.7	1960.7	3341.8	4866.1	6448.3	8342.5
7.5°	231.5	262.8	324.2	457.2	753.1	1362.7	2436.9	3936.2	5686.6	7846.7	10740.7
5°	233.5	267.8	337.0	489.0	825.1	1530.6	2737.5	4386.6	6394.7	9517.9	15474.0
2.5°	234.4	270.0	344.3	506.5	858.0	1616.9	2949.1	4644.6	6825.5	10696.9	18752.9
0°	234.0	268.8	345.2	510.5	862.7	1682.9	2984.3	4718.2	6971.1	10802.6	19804.1
-2.5°	234.4	270.0	344.3	506.5	858.0	1616.9	2949.1	4644.6	6825.5	10696.9	18752.9
-5°	233.5	267.8	337.0	489.0	825.1	1530.6	2737.5	4386.6	6394.7	9517.9	15474.0
-7.5°	231.5	262.8	324.2	457.2	753.1	1362.7	2436.9	3936.2	5686.6	7846.7	10740.7
-10°	228.7	255.5	306.7	414.9	645.3	1108.7	1960.7	3341.8	4866.1	6448.3	8342.5
-12.5°	224.0	245.3	283.8	357.9	524.4	880.6	1581.1	2676.0	3941.9	5243.7	6291.6
-15°	217.7	235.6	266.6	327.1	448.3	689.0	1125.7	1896.7	2933.4	3861.6	4689.6
-17.5°	210.2	227.7	250.7	288.9	360.7	515.2	804.4	1257.5	1874.4	2552.4	3117.8
-20°	201.7	218.2	236.3	264.5	312.5	389.3	538.6	803.1	1098.5	1519.1	1872.1



REPORT NUMBER: P558664 (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°	192.7	207.6	224.2	242.8	271.0	319.6	388.6	510.9	681.1	849.2	1036.2
-25°	183.6	196.2	211.2	227.5	245.0	270.7	311.0	358.6	443.0	508.5	607.8
-27.5°	175.4	186.2	198.8	212.8	227.1	241.5	263.5	287.7	323.5	352.1	400.7
-30°	167.7	176.6	187.3	199.1	211.0	223.1	235.8	249.8	263.2	277.6	298.1
-32.5°	161.7	167.9	176.2	185.9	195.4	205.5	215.6	225.8	233.3	241.2	249.1
-35°	156.3	161.2	166.4	174.0	181.7	189.5	197.8	207.0	214.7	220.3	224.3
-37.5°	151.9	155.5	159.7	164.0	170.1	176.4	183.4	190.2	196.2	201.5	205.9
-40°	148.0	150.5	154.0	157.4	161.1	164.5	170.0	175.5	179.7	183.2	186.4
-42.5°	144.7	146.9	149.2	152.0	154.5	157.0	159.6	161.9	164.3	166.8	168.5
-45°	141.3	143.6	145.7	147.7	149.4	151.3	152.9	154.0	155.1	155.8	156.2
-47.5°	138.5	140.5	142.4	144.1	145.7	147.1	148.2	148.9	149.4	149.6	149.6
-50°	135.3	137.6	139.4	141.0	142.5	143.8	144.8	145.3	145.5	145.6	145.4
-52.5°	131.4	133.7	135.9	137.9	139.3	140.7	141.9	142.2	142.4	142.5	142.5
-55°	127.0	129.5	131.6	133.7	135.5	137.1	138.3	138.9	139.3	139.4	139.6
-57.5°	121.6	124.6	127.2	129.1	131.0	132.8	134.2	135.0	135.7	136.1	136.5
-60°	115.4	118.5	121.1	123.3	125.5	127.4	129.0	130.3	131.4	132.2	133.1
-62.5°	108.1	111.2	113.8	116.2	118.5	120.5	122.5	124.3	125.8	127.2	128.5
-65°	98.5	101.7	104.8	107.7	110.3	112.3	114.3	116.3	118.1	119.5	120.6
-67.5°	88.3	91.2	94.0	96.9	99.4	101.7	103.9	106.0	107.8	109.1	109.8
-70°	77.0	79.8	82.3	84.6	86.7	88.9	91.2	93.2	95.1	96.3	97.0
-72.5°	64.7	67.4	69.8	71.8	73.6	75.3	77.1	78.7	80.2	81.3	82.1
-75°	51.6	53.9	55.9	57.8	59.5	61.0	62.4	63.6	64.6	65.7	66.5
-77.5°	38.6	40.4	42.2	43.8	45.2	46.4	47.4	48.3	49.1	50.0	50.9
-80°	27.0	28.3	29.6	30.8	31.8	32.7	33.4	34.0	34.5	35.0	35.5
-82.5°	17.3	18.2	19.0	19.7	20.3	20.9	21.4	21.8	22.2	22.5	22.7
-85°	9.9	10.3	10.7	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.8
-87.5°	4.4	4.4	4.3	4.3	4.2	4.2	4.3	4.4	4.4	4.5	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: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
85°	13.0	13.0	13.1	13.1	13.1	13.0	13.0	12.8	12.7	12.5	12.3
82.5°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.5	22.2	21.8
80°	35.8	36.1	36.2	36.3	36.2	36.1	35.8	35.5	35.0	34.5	34.0
77.5°	51.6	52.2	52.4	52.5	52.4	52.2	51.6	50.9	50.0	49.1	48.3
75°	67.2	67.6	67.9	68.0	67.9	67.6	67.2	66.5	65.7	64.6	63.6
72.5°	82.7	83.0	83.7	84.2	83.7	83.0	82.7	82.1	81.3	80.2	78.7
70°	97.5	97.7	98.4	98.9	98.4	97.7	97.5	97.0	96.3	95.1	93.2
67.5°	110.4	110.8	110.7	110.4	110.7	110.8	110.4	109.8	109.1	107.8	106.0
65°	121.5	122.3	122.3	122.0	122.3	122.3	121.5	120.6	119.5	118.1	116.3
62.5°	129.7	130.8	131.2	131.3	131.2	130.8	129.7	128.5	127.2	125.8	124.3
60°	133.7	134.2	134.4	134.4	134.4	134.2	133.7	133.1	132.2	131.4	130.3
57.5°	136.6	136.6	136.7	136.7	136.7	136.6	136.6	136.5	136.1	135.7	135.0
55°	139.7	139.7	139.4	139.0	139.4	139.7	139.7	139.6	139.4	139.3	138.9
52.5°	142.4	142.1	141.8	141.3	141.8	142.1	142.4	142.5	142.5	142.4	142.2
50°	145.1	144.6	144.4	144.4	144.4	144.6	145.1	145.4	145.6	145.5	145.3
47.5°	149.4	149.1	149.0	149.1	149.0	149.1	149.4	149.6	149.6	149.4	148.9
45°	156.3	156.0	155.8	156.0	155.8	156.0	156.3	156.2	155.8	155.1	154.0
42.5°	169.5	169.6	169.6	169.9	169.6	169.6	169.5	168.5	166.8	164.3	161.9
40°	187.8	187.7	187.1	186.9	187.1	187.7	187.8	186.4	183.2	179.7	175.5
37.5°	207.7	207.7	207.1	207.0	207.1	207.7	207.7	205.9	201.5	196.2	190.2
35°	226.5	227.1	227.0	226.3	227.0	227.1	226.5	224.3	220.3	214.7	207.0
32.5°	254.7	259.0	261.2	260.3	261.2	259.0	254.7	249.1	241.2	233.3	225.8
30°	311.0	322.1	328.0	330.6	328.0	322.1	311.0	298.1	277.6	263.2	249.8
27.5°	435.5	460.0	471.0	475.0	471.0	460.0	435.5	400.7	352.1	323.5	287.7
25°	694.6	750.1	777.4	786.2	777.4	750.1	694.6	607.8	508.5	443.0	358.6
22.5°	1242.1	1348.8	1421.9	1438.1	1421.9	1348.8	1242.1	1036.2	849.2	681.1	510.9
20°	2227.1	2433.6	2545.7	2535.6	2545.7	2433.6	2227.1	1872.1	1519.1	1098.5	803.1
17.5°	3598.4	3863.2	3989.3	3930.4	3989.3	3863.2	3598.4	3117.8	2552.4	1874.4	1257.5
15°	5275.2	5632.9	5789.0	5837.3	5789.0	5632.9	5275.2	4689.6	3861.6	2933.4	1896.7
12.5°	7337.5	8510.4	9071.4	9221.6	9071.4	8510.4	7337.5	6291.6	5243.7	3941.9	2676.0
10°	10279.9	14222.6	16567.7	17140.3	16567.7	14222.6	10279.9	8342.5	6448.3	4866.1	3341.8
7.5°	16788.0	24799.8	33774.9	38025.0	33774.9	24799.8	16788.0	10740.7	7846.7	5686.6	3936.2
5°	25601.6	44433.7	65213.7	73359.8	65213.7	44433.7	25601.6	15474.0	9517.9	6394.7	4386.6
2.5°	36316.1	67091.4	95804.3	106507.9	95804.3	67091.4	36316.1	18752.9	10696.9	6825.5	4644.6
0°	40842.8	77348.9	105555.6	114724.3	105555.6	77348.9	40842.8	19804.1	10802.6	6971.1	4718.2
-2.5°	36316.1	67091.4	95804.3	106507.9	95804.3	67091.4	36316.1	18752.9	10696.9	6825.5	4644.6
-5°	25601.6	44433.7	65213.7	73359.8	65213.7	44433.7	25601.6	15474.0	9517.9	6394.7	4386.6
-7.5°	16788.0	24799.8	33774.9	38025.0	33774.9	24799.8	16788.0	10740.7	7846.7	5686.6	3936.2
-10°	10279.9	14222.6	16567.7	17140.3	16567.7	14222.6	10279.9	8342.5	6448.3	4866.1	3341.8
-12.5°	7337.5	8510.4	9071.4	9221.6	9071.4	8510.4	7337.5	6291.6	5243.7	3941.9	2676.0
-15°	5275.2	5632.9	5789.0	5837.3	5789.0	5632.9	5275.2	4689.6	3861.6	2933.4	1896.7
-17.5°	3598.4	3863.2	3989.3	3930.4	3989.3	3863.2	3598.4	3117.8	2552.4	1874.4	1257.5
-20°	2227.1	2433.6	2545.7	2535.6	2545.7	2433.6	2227.1	1872.1	1519.1	1098.5	803.1



REPORT NUMBER: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	1242.1	1348.8	1421.9	1438.1	1421.9	1348.8	1242.1	1036.2	849.2	681.1	510.9
-25°	694.6	750.1	777.4	786.2	777.4	750.1	694.6	607.8	508.5	443.0	358.6
-27.5°	435.5	460.0	471.0	475.0	471.0	460.0	435.5	400.7	352.1	323.5	287.7
-30°	311.0	322.1	328.0	330.6	328.0	322.1	311.0	298.1	277.6	263.2	249.8
-32.5°	254.7	259.0	261.2	260.3	261.2	259.0	254.7	249.1	241.2	233.3	225.8
-35°	226.5	227.1	227.0	226.3	227.0	227.1	226.5	224.3	220.3	214.7	207.0
-37.5°	207.7	207.7	207.1	207.0	207.1	207.7	207.7	205.9	201.5	196.2	190.2
-40°	187.8	187.7	187.1	186.9	187.1	187.7	187.8	186.4	183.2	179.7	175.5
-42.5°	169.5	169.6	169.6	169.9	169.6	169.6	169.5	168.5	166.8	164.3	161.9
-45°	156.3	156.0	155.8	156.0	155.8	156.0	156.3	156.2	155.8	155.1	154.0
-47.5°	149.4	149.1	149.0	149.1	149.0	149.1	149.4	149.6	149.6	149.4	148.9
-50°	145.1	144.6	144.4	144.4	144.4	144.6	145.1	145.4	145.6	145.5	145.3
-52.5°	142.4	142.1	141.8	141.3	141.8	142.1	142.4	142.5	142.5	142.4	142.2
-55°	139.7	139.7	139.4	139.0	139.4	139.7	139.7	139.6	139.4	139.3	138.9
-57.5°	136.6	136.6	136.7	136.7	136.7	136.6	136.6	136.5	136.1	135.7	135.0
-60°	133.7	134.2	134.4	134.4	134.4	134.2	133.7	133.1	132.2	131.4	130.3
-62.5°	129.7	130.8	131.2	131.3	131.2	130.8	129.7	128.5	127.2	125.8	124.3
-65°	121.5	122.3	122.3	122.0	122.3	122.3	121.5	120.6	119.5	118.1	116.3
-67.5°	110.4	110.8	110.7	110.4	110.7	110.8	110.4	109.8	109.1	107.8	106.0
-70°	97.5	97.7	98.4	98.9	98.4	97.7	97.5	97.0	96.3	95.1	93.2
-72.5°	82.7	83.0	83.7	84.2	83.7	83.0	82.7	82.1	81.3	80.2	78.7
-75°	67.2	67.6	67.9	68.0	67.9	67.6	67.2	66.5	65.7	64.6	63.6
-77.5°	51.6	52.2	52.4	52.5	52.4	52.2	51.6	50.9	50.0	49.1	48.3
-80°	35.8	36.1	36.2	36.3	36.2	36.1	35.8	35.5	35.0	34.5	34.0
-82.5°	22.9	23.1	23.2	23.2	23.2	23.1	22.9	22.7	22.5	22.2	21.8
-85°	13.0	13.0	13.1	13.1	13.1	13.0	13.0	12.8	12.7	12.5	12.3
-87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558664 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	4.3	4.2	4.2	4.3	4.3	4.4	4.4	4.3	4.1	4.0	3.8
85°	12.1	11.8	11.5	11.1	10.7	10.3	9.9	9.4	8.9	8.4	8.0
82.5°	21.4	20.9	20.3	19.7	19.0	18.2	17.3	16.3	15.3	14.2	13.0
80°	33.4	32.7	31.8	30.8	29.6	28.3	27.0	25.6	24.0	22.5	21.2
77.5°	47.4	46.4	45.2	43.8	42.2	40.4	38.6	36.9	35.3	33.4	31.2
75°	62.4	61.0	59.5	57.8	55.9	53.9	51.6	49.2	46.8	44.3	41.7
72.5°	77.1	75.3	73.6	71.8	69.8	67.4	64.7	61.7	58.6	55.3	52.0
70°	91.2	88.9	86.7	84.6	82.3	79.8	77.0	74.0	70.7	66.9	62.8
67.5°	103.9	101.7	99.4	96.9	94.0	91.2	88.3	85.5	82.0	78.1	73.5
65°	114.3	112.3	110.3	107.7	104.8	101.7	98.5	95.2	91.8	88.2	83.9
62.5°	122.5	120.5	118.5	116.2	113.8	111.2	108.1	104.4	100.7	96.7	92.3
60°	129.0	127.4	125.5	123.3	121.1	118.5	115.4	112.2	109.0	104.7	100.2
57.5°	134.2	132.8	131.0	129.1	127.2	124.6	121.6	118.5	115.1	111.6	107.7
55°	138.3	137.1	135.5	133.7	131.6	129.5	127.0	124.1	120.7	117.5	113.6
52.5°	141.9	140.7	139.3	137.9	135.9	133.7	131.4	128.6	125.9	122.5	118.9
50°	144.8	143.8	142.5	141.0	139.4	137.6	135.3	132.7	130.2	127.2	123.7
47.5°	148.2	147.1	145.7	144.1	142.4	140.5	138.5	136.6	134.1	131.5	128.0
45°	152.9	151.3	149.4	147.7	145.7	143.6	141.3	139.5	137.6	135.0	132.1
42.5°	159.6	157.0	154.5	152.0	149.2	146.9	144.7	142.5	140.5	138.2	135.2
40°	170.0	164.5	161.1	157.4	154.0	150.5	148.0	145.5	143.2	141.0	138.0
37.5°	183.4	176.4	170.1	164.0	159.7	155.5	151.9	148.8	145.8	143.4	140.5
35°	197.8	189.5	181.7	174.0	166.4	161.2	156.3	152.5	149.0	145.6	142.8
32.5°	215.6	205.5	195.4	185.9	176.2	167.9	161.7	156.4	152.0	148.2	144.9
30°	235.8	223.1	211.0	199.1	187.3	176.6	167.7	160.9	155.3	150.8	147.1
27.5°	263.5	241.5	227.1	212.8	198.8	186.2	175.4	165.8	158.7	153.5	149.2
25°	311.0	270.7	245.0	227.5	211.2	196.2	183.6	172.3	163.0	156.1	150.8
22.5°	388.6	319.6	271.0	242.8	224.2	207.6	192.7	179.2	166.9	158.6	152.6
20°	538.6	389.3	312.5	264.5	236.3	218.2	201.7	186.4	172.2	161.3	154.2
17.5°	804.4	515.2	360.7	288.9	250.7	227.7	210.2	193.0	177.2	163.6	155.4
15°	1125.7	689.0	448.3	327.1	266.6	235.6	217.7	199.0	182.0	166.6	157.1
12.5°	1581.1	880.6	524.4	357.9	283.8	245.3	224.0	204.9	186.4	169.8	158.5
10°	1960.7	1108.7	645.3	414.9	306.7	255.5	228.7	208.4	188.9	172.1	159.5
7.5°	2436.9	1362.7	753.1	457.2	324.2	262.8	231.5	210.3	190.2	173.5	159.9
5°	2737.5	1530.6	825.1	489.0	337.0	267.8	233.5	211.1	190.4	174.1	160.0
2.5°	2949.1	1616.9	858.0	506.5	344.3	270.0	234.4	211.5	191.4	174.6	160.8
0°	2984.3	1682.9	862.7	510.5	345.2	268.8	234.0	211.6	192.3	174.5	161.4
-2.5°	2949.1	1616.9	858.0	506.5	344.3	270.0	234.4	211.5	191.4	174.6	160.8
-5°	2737.5	1530.6	825.1	489.0	337.0	267.8	233.5	211.1	190.4	174.1	160.0
-7.5°	2436.9	1362.7	753.1	457.2	324.2	262.8	231.5	210.3	190.2	173.5	159.9
-10°	1960.7	1108.7	645.3	414.9	306.7	255.5	228.7	208.4	188.9	172.1	159.5
-12.5°	1581.1	880.6	524.4	357.9	283.8	245.3	224.0	204.9	186.4	169.8	158.5
-15°	1125.7	689.0	448.3	327.1	266.6	235.6	217.7	199.0	182.0	166.6	157.1
-17.5°	804.4	515.2	360.7	288.9	250.7	227.7	210.2	193.0	177.2	163.6	155.4
-20°	538.6	389.3	312.5	264.5	236.3	218.2	201.7	186.4	172.2	161.3	154.2



REPORT NUMBER: P558664 (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°	388.6	319.6	271.0	242.8	224.2	207.6	192.7	179.2	166.9	158.6	152.6
-25°	311.0	270.7	245.0	227.5	211.2	196.2	183.6	172.3	163.0	156.1	150.8
-27.5°	263.5	241.5	227.1	212.8	198.8	186.2	175.4	165.8	158.7	153.5	149.2
-30°	235.8	223.1	211.0	199.1	187.3	176.6	167.7	160.9	155.3	150.8	147.1
-32.5°	215.6	205.5	195.4	185.9	176.2	167.9	161.7	156.4	152.0	148.2	144.9
-35°	197.8	189.5	181.7	174.0	166.4	161.2	156.3	152.5	149.0	145.6	142.8
-37.5°	183.4	176.4	170.1	164.0	159.7	155.5	151.9	148.8	145.8	143.4	140.5
-40°	170.0	164.5	161.1	157.4	154.0	150.5	148.0	145.5	143.2	141.0	138.0
-42.5°	159.6	157.0	154.5	152.0	149.2	146.9	144.7	142.5	140.5	138.2	135.2
-45°	152.9	151.3	149.4	147.7	145.7	143.6	141.3	139.5	137.6	135.0	132.1
-47.5°	148.2	147.1	145.7	144.1	142.4	140.5	138.5	136.6	134.1	131.5	128.0
-50°	144.8	143.8	142.5	141.0	139.4	137.6	135.3	132.7	130.2	127.2	123.7
-52.5°	141.9	140.7	139.3	137.9	135.9	133.7	131.4	128.6	125.9	122.5	118.9
-55°	138.3	137.1	135.5	133.7	131.6	129.5	127.0	124.1	120.7	117.5	113.6
-57.5°	134.2	132.8	131.0	129.1	127.2	124.6	121.6	118.5	115.1	111.6	107.7
-60°	129.0	127.4	125.5	123.3	121.1	118.5	115.4	112.2	109.0	104.7	100.2
-62.5°	122.5	120.5	118.5	116.2	113.8	111.2	108.1	104.4	100.7	96.7	92.3
-65°	114.3	112.3	110.3	107.7	104.8	101.7	98.5	95.2	91.8	88.2	83.9
-67.5°	103.9	101.7	99.4	96.9	94.0	91.2	88.3	85.5	82.0	78.1	73.5
-70°	91.2	88.9	86.7	84.6	82.3	79.8	77.0	74.0	70.7	66.9	62.8
-72.5°	77.1	75.3	73.6	71.8	69.8	67.4	64.7	61.7	58.6	55.3	52.0
-75°	62.4	61.0	59.5	57.8	55.9	53.9	51.6	49.2	46.8	44.3	41.7
-77.5°	47.4	46.4	45.2	43.8	42.2	40.4	38.6	36.9	35.3	33.4	31.2
-80°	33.4	32.7	31.8	30.8	29.6	28.3	27.0	25.6	24.0	22.5	21.2
-82.5°	21.4	20.9	20.3	19.7	19.0	18.2	17.3	16.3	15.3	14.2	13.0
-85°	12.1	11.8	11.5	11.1	10.7	10.3	9.9	9.4	8.9	8.4	8.0
-87.5°	4.3	4.2	4.2	4.3	4.3	4.4	4.4	4.3	4.1	4.0	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558664 (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°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
85°	7.6	7.3	6.9	6.4	5.9	5.4	5.0	4.6	4.1	3.7	3.2
82.5°	12.1	11.5	11.0	10.4	9.9	9.3	8.5	7.6	6.6	5.6	4.9
80°	19.9	18.5	17.2	15.7	14.4	13.1	12.3	11.2	9.7	8.3	7.0
77.5°	28.8	26.5	24.2	22.2	20.1	18.2	16.5	14.8	12.8	11.0	9.3
75°	38.7	35.7	32.6	29.6	26.4	23.2	20.9	18.6	16.3	13.8	11.6
72.5°	48.6	45.1	41.3	37.3	33.6	29.8	26.0	22.5	19.8	17.0	14.0
70°	58.7	54.5	50.3	45.7	41.1	36.5	32.1	27.6	23.3	20.1	16.8
67.5°	68.7	63.8	59.0	54.0	48.7	43.5	38.2	33.1	28.1	23.3	19.6
65°	78.5	73.0	67.4	62.0	56.3	50.3	44.4	38.5	32.7	27.4	22.4
62.5°	87.5	82.2	76.1	70.0	63.7	57.2	50.6	44.0	37.4	31.3	25.6
60°	95.5	90.1	84.5	78.0	71.1	64.1	56.8	49.5	42.3	35.1	28.9
57.5°	102.7	97.5	91.7	85.5	78.4	70.9	63.1	55.0	47.1	39.3	32.0
55°	109.3	104.1	98.5	92.2	85.3	77.5	69.1	60.5	51.9	43.5	35.2
52.5°	114.8	110.1	104.6	98.5	91.5	83.8	75.1	65.9	56.7	47.5	38.7
50°	119.7	115.3	110.2	104.1	97.4	89.5	80.9	71.2	61.3	51.5	42.2
47.5°	124.1	119.9	115.1	109.3	102.5	94.9	86.1	76.4	65.8	55.5	45.5
45°	128.1	124.0	119.5	113.8	107.3	99.6	90.9	81.4	70.3	59.4	48.7
42.5°	131.8	127.6	123.1	118.2	111.5	104.0	95.6	85.7	74.7	63.1	51.9
40°	134.6	130.8	126.5	121.5	115.4	108.2	99.5	89.7	78.9	66.7	55.0
37.5°	137.3	133.5	129.3	124.6	118.9	111.6	103.2	93.6	82.7	70.2	57.9
35°	139.5	135.9	131.8	127.1	121.6	114.9	106.8	97.0	85.9	73.5	60.7
32.5°	141.6	138.0	133.8	129.2	124.2	118.0	109.8	100.0	88.9	76.6	63.3
30°	143.5	139.7	135.7	131.1	126.4	120.2	112.4	102.7	91.7	79.4	65.8
27.5°	145.1	141.1	137.4	132.8	128.0	122.3	114.7	105.3	94.3	81.9	68.1
25°	146.6	142.4	138.6	134.3	129.4	124.2	116.9	107.6	96.4	84.0	70.2
22.5°	147.9	143.7	139.6	135.6	130.7	125.9	118.7	109.4	98.3	85.9	72.1
20°	149.1	144.7	140.4	136.6	131.8	127.0	120.1	111.0	100.0	87.6	73.7
17.5°	150.1	145.6	141.2	137.3	132.7	127.9	121.4	112.4	101.5	89.0	75.2
15°	151.0	146.3	141.9	137.8	133.4	128.6	122.5	113.7	102.8	90.3	76.5
12.5°	151.8	146.8	142.4	138.1	133.9	129.2	123.5	114.7	103.8	91.4	77.5
10°	152.4	147.1	142.8	138.4	134.3	129.6	124.4	115.6	104.7	92.2	78.4
7.5°	152.9	147.1	143.1	138.5	134.6	130.0	124.9	116.2	105.3	92.9	79.0
5°	153.3	147.3	143.4	138.8	134.9	130.3	125.1	116.5	105.7	93.3	79.4
2.5°	154.0	147.9	143.6	138.9	135.1	130.4	125.2	116.7	105.9	93.5	79.6
0°	154.5	148.3	143.7	139.0	135.2	130.5	125.1	116.6	105.8	93.5	79.6
-2.5°	154.0	147.9	143.6	138.9	135.1	130.4	125.2	116.7	105.9	93.5	79.6
-5°	153.3	147.3	143.4	138.8	134.9	130.3	125.1	116.5	105.7	93.3	79.4
-7.5°	152.9	147.1	143.1	138.5	134.6	130.0	124.9	116.2	105.3	92.9	79.0
-10°	152.4	147.1	142.8	138.4	134.3	129.6	124.4	115.6	104.7	92.2	78.4
-12.5°	151.8	146.8	142.4	138.1	133.9	129.2	123.5	114.7	103.8	91.4	77.5
-15°	151.0	146.3	141.9	137.8	133.4	128.6	122.5	113.7	102.8	90.3	76.5
-17.5°	150.1	145.6	141.2	137.3	132.7	127.9	121.4	112.4	101.5	89.0	75.2
-20°	149.1	144.7	140.4	136.6	131.8	127.0	120.1	111.0	100.0	87.6	73.7



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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°	147.9	143.7	139.6	135.6	130.7	125.9	118.7	109.4	98.3	85.9	72.1
-25°	146.6	142.4	138.6	134.3	129.4	124.2	116.9	107.6	96.4	84.0	70.2
-27.5°	145.1	141.1	137.4	132.8	128.0	122.3	114.7	105.3	94.3	81.9	68.1
-30°	143.5	139.7	135.7	131.1	126.4	120.2	112.4	102.7	91.7	79.4	65.8
-32.5°	141.6	138.0	133.8	129.2	124.2	118.0	109.8	100.0	88.9	76.6	63.3
-35°	139.5	135.9	131.8	127.1	121.6	114.9	106.8	97.0	85.9	73.5	60.7
-37.5°	137.3	133.5	129.3	124.6	118.9	111.6	103.2	93.6	82.7	70.2	57.9
-40°	134.6	130.8	126.5	121.5	115.4	108.2	99.5	89.7	78.9	66.7	55.0
-42.5°	131.8	127.6	123.1	118.2	111.5	104.0	95.6	85.7	74.7	63.1	51.9
-45°	128.1	124.0	119.5	113.8	107.3	99.6	90.9	81.4	70.3	59.4	48.7
-47.5°	124.1	119.9	115.1	109.3	102.5	94.9	86.1	76.4	65.8	55.5	45.5
-50°	119.7	115.3	110.2	104.1	97.4	89.5	80.9	71.2	61.3	51.5	42.2
-52.5°	114.8	110.1	104.6	98.5	91.5	83.8	75.1	65.9	56.7	47.5	38.7
-55°	109.3	104.1	98.5	92.2	85.3	77.5	69.1	60.5	51.9	43.5	35.2
-57.5°	102.7	97.5	91.7	85.5	78.4	70.9	63.1	55.0	47.1	39.3	32.0
-60°	95.5	90.1	84.5	78.0	71.1	64.1	56.8	49.5	42.3	35.1	28.9
-62.5°	87.5	82.2	76.1	70.0	63.7	57.2	50.6	44.0	37.4	31.3	25.6
-65°	78.5	73.0	67.4	62.0	56.3	50.3	44.4	38.5	32.7	27.4	22.4
-67.5°	68.7	63.8	59.0	54.0	48.7	43.5	38.2	33.1	28.1	23.3	19.6
-70°	58.7	54.5	50.3	45.7	41.1	36.5	32.1	27.6	23.3	20.1	16.8
-72.5°	48.6	45.1	41.3	37.3	33.6	29.8	26.0	22.5	19.8	17.0	14.0
-75°	38.7	35.7	32.6	29.6	26.4	23.2	20.9	18.6	16.3	13.8	11.6
-77.5°	28.8	26.5	24.2	22.2	20.1	18.2	16.5	14.8	12.8	11.0	9.3
-80°	19.9	18.5	17.2	15.7	14.4	13.1	12.3	11.2	9.7	8.3	7.0
-82.5°	12.1	11.5	11.0	10.4	9.9	9.3	8.5	7.6	6.6	5.6	4.9
-85°	7.6	7.3	6.9	6.4	5.9	5.4	5.0	4.6	4.1	3.7	3.2
-87.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
-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°	1.4	1.2	1.0	0.8	0.5	0.3	0.0
85°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
82.5°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
80°	5.7	4.8	4.0	3.1	2.2	1.1	0.0
77.5°	7.6	6.2	5.0	3.9	2.7	1.3	0.0
75°	9.6	7.8	6.1	4.7	3.2	1.6	0.0
72.5°	11.5	9.4	7.4	5.4	3.7	1.9	0.0
70°	13.5	11.0	8.6	6.2	4.2	2.1	0.0
67.5°	15.9	12.6	9.9	7.2	4.7	2.4	0.0
65°	18.3	14.4	11.1	8.1	5.2	2.6	0.0
62.5°	20.7	16.3	12.4	9.0	5.7	2.9	0.0
60°	22.9	18.2	13.5	9.9	6.2	3.1	0.0
57.5°	25.6	20.0	15.0	10.8	6.8	3.3	0.0
55°	28.3	21.8	16.4	11.6	7.3	3.6	0.0
52.5°	30.9	23.6	17.7	12.5	7.9	3.8	0.0
50°	33.4	25.6	19.0	13.3	8.4	4.0	0.0
47.5°	35.9	27.7	20.3	14.1	8.9	4.2	0.0
45°	38.6	29.6	21.5	15.0	9.4	4.4	0.0
42.5°	41.2	31.5	22.7	15.8	9.8	4.6	0.0
40°	43.7	33.3	23.9	16.6	10.3	4.7	0.0
37.5°	46.0	34.9	25.3	17.4	10.7	4.9	0.0
35°	48.2	36.7	26.5	18.1	11.1	5.1	0.0
32.5°	50.3	38.4	27.7	18.7	11.5	5.2	0.0
30°	52.4	40.0	28.9	19.3	11.8	5.4	0.0
27.5°	54.3	41.5	29.9	19.9	12.2	5.5	0.0
25°	56.1	42.8	30.8	20.4	12.5	5.6	0.0
22.5°	57.7	44.0	31.7	20.8	12.7	5.7	0.0
20°	59.2	45.1	32.4	21.2	13.0	5.8	0.0
17.5°	60.5	46.1	33.1	21.5	13.2	5.9	0.0
15°	61.7	47.0	33.8	21.8	13.4	6.0	0.0
12.5°	62.6	47.7	34.3	22.0	13.5	6.1	0.0
10°	63.5	48.3	34.7	22.2	13.7	6.1	0.0
7.5°	64.1	48.8	35.1	22.3	13.8	6.1	0.0
5°	64.5	49.1	35.3	22.4	13.8	6.2	0.0
2.5°	64.8	49.3	35.4	22.4	13.9	6.2	0.0
0°	64.9	49.4	35.5	22.4	13.9	6.2	0.0
-2.5°	64.8	49.3	35.4	22.4	13.9	6.2	0.0
-5°	64.5	49.1	35.3	22.4	13.8	6.2	0.0
-7.5°	64.1	48.8	35.1	22.3	13.8	6.1	0.0
-10°	63.5	48.3	34.7	22.2	13.7	6.1	0.0
-12.5°	62.6	47.7	34.3	22.0	13.5	6.1	0.0
-15°	61.7	47.0	33.8	21.8	13.4	6.0	0.0
-17.5°	60.5	46.1	33.1	21.5	13.2	5.9	0.0
-20°	59.2	45.1	32.4	21.2	13.0	5.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57.7	44.0	31.7	20.8	12.7	5.7	0.0
-25°	56.1	42.8	30.8	20.4	12.5	5.6	0.0
-27.5°	54.3	41.5	29.9	19.9	12.2	5.5	0.0
-30°	52.4	40.0	28.9	19.3	11.8	5.4	0.0
-32.5°	50.3	38.4	27.7	18.7	11.5	5.2	0.0
-35°	48.2	36.7	26.5	18.1	11.1	5.1	0.0
-37.5°	46.0	34.9	25.3	17.4	10.7	4.9	0.0
-40°	43.7	33.3	23.9	16.6	10.3	4.7	0.0
-42.5°	41.2	31.5	22.7	15.8	9.8	4.6	0.0
-45°	38.6	29.6	21.5	15.0	9.4	4.4	0.0
-47.5°	35.9	27.7	20.3	14.1	8.9	4.2	0.0
-50°	33.4	25.6	19.0	13.3	8.4	4.0	0.0
-52.5°	30.9	23.6	17.7	12.5	7.9	3.8	0.0
-55°	28.3	21.8	16.4	11.6	7.3	3.6	0.0
-57.5°	25.6	20.0	15.0	10.8	6.8	3.3	0.0
-60°	22.9	18.2	13.5	9.9	6.2	3.1	0.0
-62.5°	20.7	16.3	12.4	9.0	5.7	2.9	0.0
-65°	18.3	14.4	11.1	8.1	5.2	2.6	0.0
-67.5°	15.9	12.6	9.9	7.2	4.7	2.4	0.0
-70°	13.5	11.0	8.6	6.2	4.2	2.1	0.0
-72.5°	11.5	9.4	7.4	5.4	3.7	1.9	0.0
-75°	9.6	7.8	6.1	4.7	3.2	1.6	0.0
-77.5°	7.6	6.2	5.0	3.9	2.7	1.3	0.0
-80°	5.7	4.8	4.0	3.1	2.2	1.1	0.0
-82.5°	4.2	3.6	3.0	2.3	1.6	0.8	0.0
-85°	2.8	2.4	2.0	1.6	1.1	0.5	0.0
-87.5°	1.4	1.2	1.0	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)