

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: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
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-TSB-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (32) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

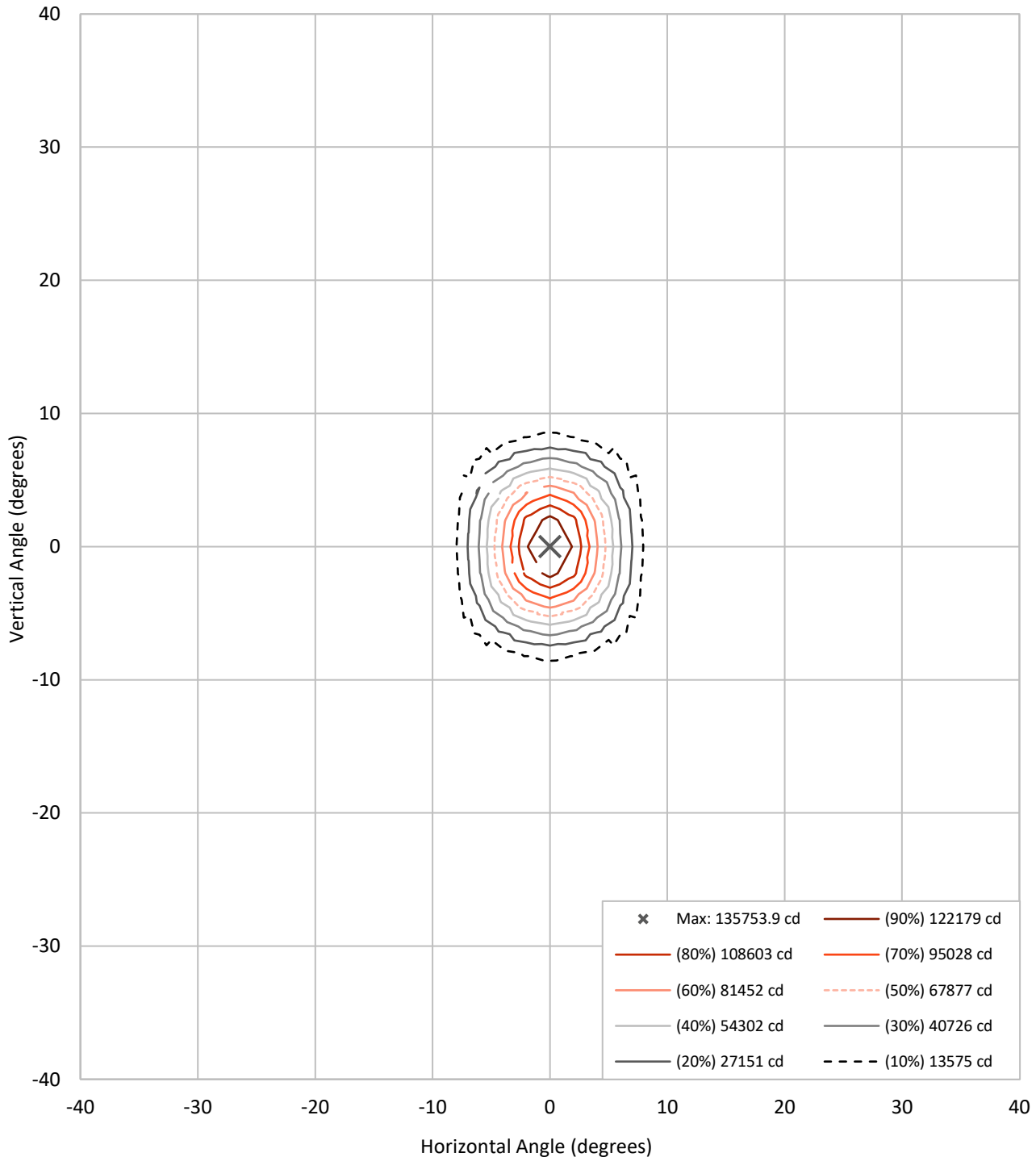
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	5286.6 lumens	Max Intensity:	135753.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	63.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	2265.9 lumens	Field Lumens:	3905.3 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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-TSB-XX

### Iso-Candela Plot





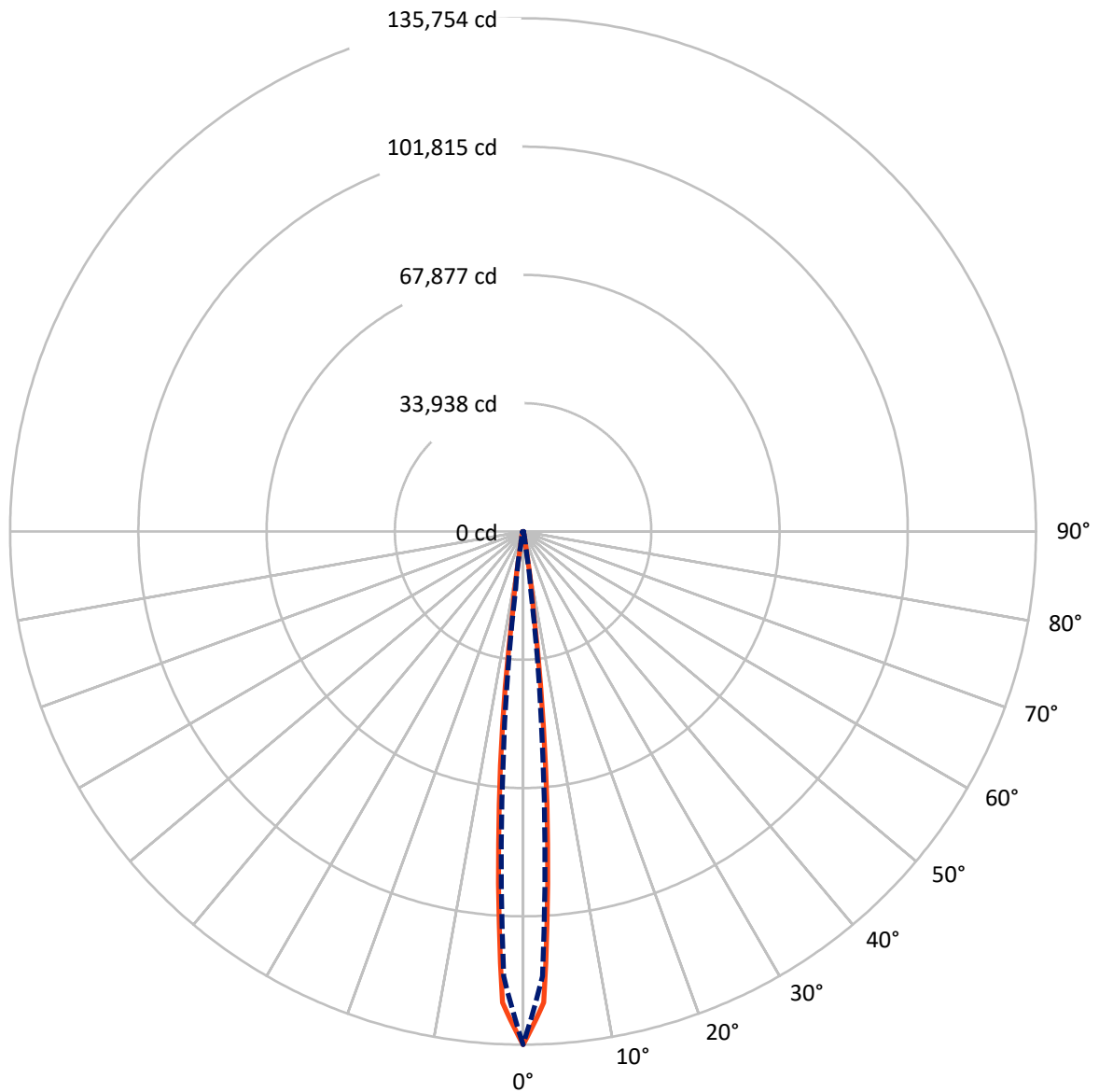
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### Lumen Table

90	0.0		0.2		0.6		1.3		2.2		1.3		0.6		0.2		0.0
80	0.0		0.2		0.6		1.3		2.2		1.3		0.6		0.2		0.0
70	0.1	0.1	0.3	0.6	0.9	1.2	1.9	3.3	3.3	1.9	1.2	0.9	0.6	0.3	0.1	0.1	
60		0.2	0.5	1.1	1.7	2.3	3.1	4.3	4.3	3.1	2.3	1.7	1.1	0.5	0.2		
50	0.3	0.4	0.8	1.7	3.0	4.5	5.8	6.9	6.9	5.8	4.5	3.0	1.7	0.8	0.4	0.3	
40		0.6	1.2	2.6	4.6	6.3	7.1	7.5	7.5	7.1	6.3	4.6	2.6	1.2	0.6		
30	0.5	0.9	1.6	3.6	5.7	6.8	9.3	12.2	12.2	9.3	6.8	5.7	3.6	1.6	0.9	0.5	
20		1.2	2.3	4.6	6.3	9.0	18.2	36.3	36.3	18.2	9.0	6.3	4.6	2.3	1.2		
10	0.6	1.3	2.7	5.1	6.5	11.5	35.9	1062.1	1062.1	35.9	11.5	6.5	5.1	2.7	1.3	0.6	
0		1.3	2.7	5.1	6.5	11.5	35.9	1062.1	1062.1	35.9	11.5	6.5	5.1	2.7	1.3		
-10	0.5	1.2	2.3	4.6	6.3	9.0	18.2	36.3	36.3	18.2	9.0	6.3	4.6	2.3	1.2	0.5	
-20		0.9	1.6	3.6	5.7	6.8	9.3	12.2	12.2	9.3	6.8	5.7	3.6	1.6	0.9		
-30	0.3	0.6	1.2	2.6	4.6	6.3	7.1	7.5	7.5	7.1	6.3	4.6	2.6	1.2	0.6	0.3	
-40		0.4	0.8	1.7	3.0	4.5	5.8	6.9	6.9	5.8	4.5	3.0	1.7	0.8	0.4		
-50	0.1	0.2	0.5	1.1	1.7	2.3	3.1	4.3	4.3	3.1	2.3	1.7	1.1	0.5	0.2	0.1	
-60		0.1	0.3	0.6	0.9	1.2	1.9	3.3	3.3	1.9	1.2	0.9	0.6	0.3	0.1		
-70	0.0		0.2		0.6		1.3		2.2		1.3		0.6		0.2		0.0
-80	0.0		0.2		0.6		1.3		2.2		1.3		0.6		0.2		0.0
-90	0.0		0.2		0.6		1.3		2.2		1.3		0.6		0.2		0.0

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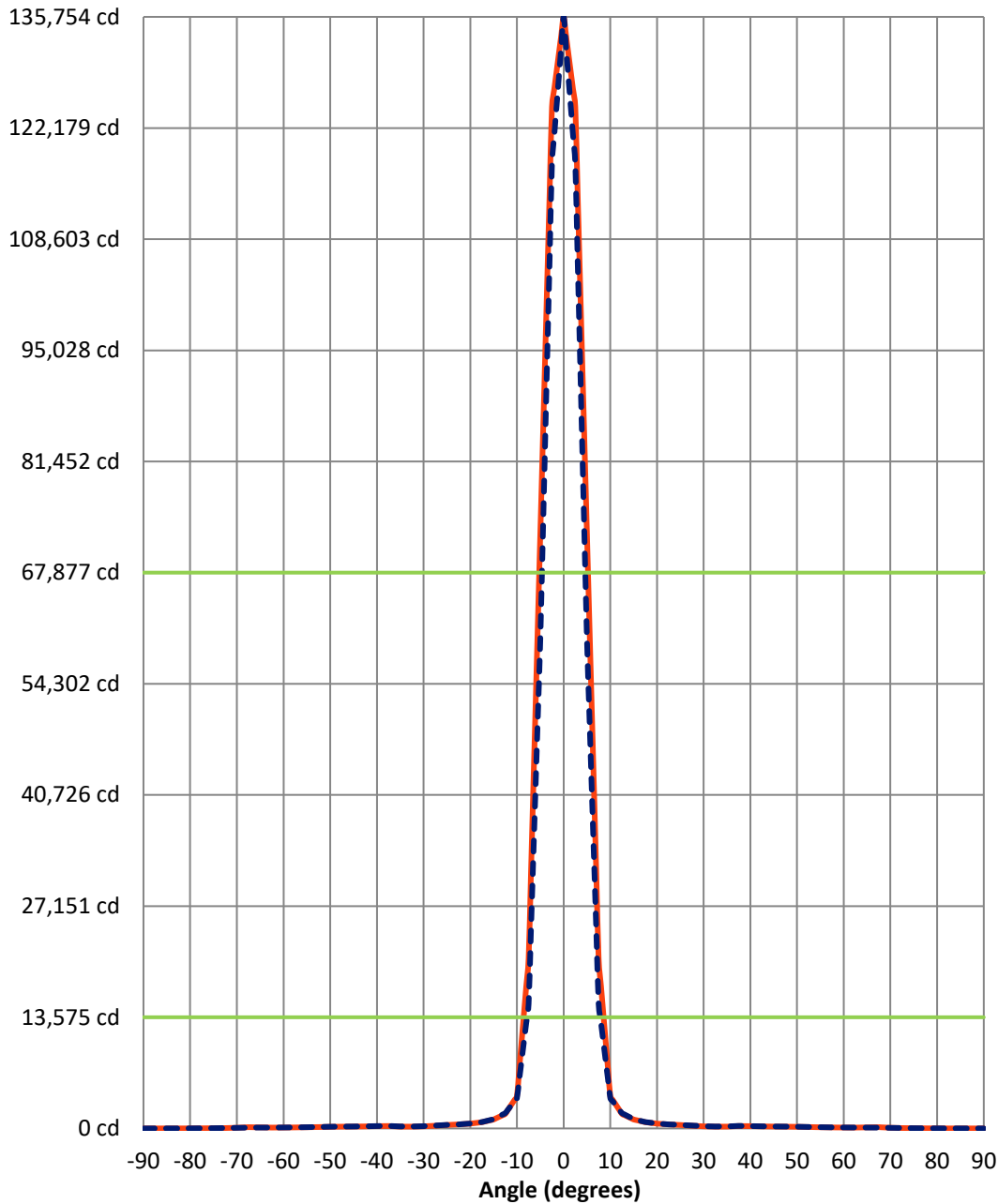
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 2265.9  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 3905.3  
Efficiency: 73.9%

**Spill:**  
Lumens: 1381.3  
Efficiency: 26.1%

— 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	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.7
75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.6	2.0	2.3
72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.7	2.2	2.7	3.0
70°	0.0	0.5	1.0	1.5	1.5	1.5	1.6	2.3	2.9	3.4	4.2
67.5°	0.0	0.6	1.1	1.5	1.5	1.5	2.2	3.0	3.6	4.7	5.6
65°	0.0	0.6	1.3	1.5	1.5	1.8	2.8	3.6	4.8	5.9	7.1
62.5°	0.0	0.7	1.4	1.5	1.5	2.3	3.4	4.6	6.0	7.3	9.1
60°	0.0	0.7	1.5	1.5	1.5	2.8	4.0	5.6	7.1	9.2	11.1
57.5°	0.0	0.8	1.5	1.5	1.9	3.3	5.0	6.7	8.8	11.2	13.4
55°	0.0	0.9	1.5	1.5	2.3	3.8	6.0	7.8	10.6	13.2	15.9
52.5°	0.0	0.9	1.5	1.5	2.7	4.4	7.1	9.5	12.4	15.6	18.5
50°	0.0	1.0	1.6	1.5	3.1	5.4	8.2	11.4	14.3	18.0	21.6
47.5°	0.0	1.0	1.6	1.6	3.5	6.3	9.4	13.3	16.5	20.5	24.9
45°	0.0	1.1	1.6	1.9	3.9	7.3	11.1	15.3	19.2	23.6	28.3
42.5°	0.0	1.1	1.6	2.1	4.3	8.3	12.9	17.6	21.9	26.7	32.3
40°	0.0	1.1	1.7	2.4	4.9	9.3	14.7	20.1	25.0	30.0	36.5
37.5°	0.0	1.2	1.7	2.7	5.6	10.3	16.5	22.6	28.4	34.2	40.8
35°	0.0	1.2	1.7	2.9	6.4	11.6	18.3	25.2	31.9	38.9	45.0
32.5°	0.0	1.3	1.8	3.1	7.1	13.0	20.2	27.8	35.5	43.9	50.3
30°	0.0	1.3	1.8	3.3	7.8	14.4	22.3	30.5	39.0	49.0	56.3
27.5°	0.0	1.3	1.8	3.5	8.3	15.7	24.4	33.4	42.9	54.3	62.9
25°	0.0	1.4	1.9	3.6	8.6	17.0	26.4	36.3	47.2	59.7	70.0
22.5°	0.0	1.4	1.9	3.7	8.9	18.1	28.4	39.1	51.5	65.5	76.0
20°	0.0	1.4	2.0	3.8	9.1	18.5	30.4	41.9	55.8	71.6	82.0
17.5°	0.0	1.4	2.0	3.9	9.2	18.7	31.4	44.6	60.0	77.8	87.8
15°	0.0	1.4	2.1	3.9	9.3	18.8	31.8	46.5	64.2	84.0	93.5
12.5°	0.0	1.5	2.1	4.0	9.3	18.8	32.0	47.5	66.8	90.3	99.1
10°	0.0	1.5	2.1	4.0	9.3	18.6	32.1	48.4	68.2	92.7	103.1
7.5°	0.0	1.5	2.2	4.0	9.1	18.4	32.0	49.1	69.2	94.2	103.8
5°	0.0	1.5	2.2	4.0	9.0	18.0	31.8	49.7	69.9	95.2	104.3
2.5°	0.0	1.5	2.3	3.9	8.8	17.6	31.4	50.1	70.3	95.7	104.7
0°	0.0	1.5	2.3	3.9	8.5	17.0	30.9	50.2	70.3	95.8	105.0
-2.5°	0.0	1.5	2.3	3.9	8.8	17.6	31.4	50.1	70.3	95.7	104.7
-5°	0.0	1.5	2.2	4.0	9.0	18.0	31.8	49.7	69.9	95.2	104.3
-7.5°	0.0	1.5	2.2	4.0	9.1	18.4	32.0	49.1	69.2	94.2	103.8
-10°	0.0	1.5	2.1	4.0	9.3	18.6	32.1	48.4	68.2	92.7	103.1
-12.5°	0.0	1.5	2.1	4.0	9.3	18.8	32.0	47.5	66.8	90.3	99.1
-15°	0.0	1.4	2.1	3.9	9.3	18.8	31.8	46.5	64.2	84.0	93.5
-17.5°	0.0	1.4	2.0	3.9	9.2	18.7	31.4	44.6	60.0	77.8	87.8
-20°	0.0	1.4	2.0	3.8	9.1	18.5	30.4	41.9	55.8	71.6	82.0



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 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.4	1.9	3.7	8.9	18.1	28.4	39.1	51.5	65.5	76.0
-25°	0.0	1.4	1.9	3.6	8.6	17.0	26.4	36.3	47.2	59.7	70.0
-27.5°	0.0	1.3	1.8	3.5	8.3	15.7	24.4	33.4	42.9	54.3	62.9
-30°	0.0	1.3	1.8	3.3	7.8	14.4	22.3	30.5	39.0	49.0	56.3
-32.5°	0.0	1.3	1.8	3.1	7.1	13.0	20.2	27.8	35.5	43.9	50.3
-35°	0.0	1.2	1.7	2.9	6.4	11.6	18.3	25.2	31.9	38.9	45.0
-37.5°	0.0	1.2	1.7	2.7	5.6	10.3	16.5	22.6	28.4	34.2	40.8
-40°	0.0	1.1	1.7	2.4	4.9	9.3	14.7	20.1	25.0	30.0	36.5
-42.5°	0.0	1.1	1.6	2.1	4.3	8.3	12.9	17.6	21.9	26.7	32.3
-45°	0.0	1.1	1.6	1.9	3.9	7.3	11.1	15.3	19.2	23.6	28.3
-47.5°	0.0	1.0	1.6	1.6	3.5	6.3	9.4	13.3	16.5	20.5	24.9
-50°	0.0	1.0	1.6	1.5	3.1	5.4	8.2	11.4	14.3	18.0	21.6
-52.5°	0.0	0.9	1.5	1.5	2.7	4.4	7.1	9.5	12.4	15.6	18.5
-55°	0.0	0.9	1.5	1.5	2.3	3.8	6.0	7.8	10.6	13.2	15.9
-57.5°	0.0	0.8	1.5	1.5	1.9	3.3	5.0	6.7	8.8	11.2	13.4
-60°	0.0	0.7	1.5	1.5	1.5	2.8	4.0	5.6	7.1	9.2	11.1
-62.5°	0.0	0.7	1.4	1.5	1.5	2.3	3.4	4.6	6.0	7.3	9.1
-65°	0.0	0.6	1.3	1.5	1.5	1.8	2.8	3.6	4.8	5.9	7.1
-67.5°	0.0	0.6	1.1	1.5	1.5	1.5	2.2	3.0	3.6	4.7	5.6
-70°	0.0	0.5	1.0	1.5	1.5	1.5	1.6	2.3	2.9	3.4	4.2
-72.5°	0.0	0.5	0.9	1.3	1.5	1.5	1.5	1.7	2.2	2.7	3.0
-75°	0.0	0.4	0.8	1.2	1.5	1.5	1.5	1.5	1.6	2.0	2.3
-77.5°	0.0	0.3	0.6	1.0	1.3	1.5	1.5	1.5	1.5	1.5	1.7
-80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.5	1.5
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.5	1.5
-85°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
-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):**

	-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°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	1.2	1.2	1.0	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
82.5°	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.7	1.8	2.0	2.1
80°	1.5	1.5	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.3	3.7
77.5°	2.0	2.3	2.6	2.9	3.2	3.8	4.3	4.7	5.3	5.9	6.6
75°	2.7	3.1	3.8	4.7	5.5	6.1	6.6	7.5	8.5	9.6	10.7
72.5°	3.7	4.7	5.7	6.8	8.1	9.2	10.2	11.2	12.9	14.7	16.0
70°	5.1	6.3	7.9	9.6	11.3	12.7	14.8	17.3	19.8	21.1	21.9
67.5°	6.6	8.4	10.4	12.5	14.8	17.2	20.1	22.8	25.4	26.5	27.5
65°	8.5	10.6	13.0	15.6	18.2	21.1	24.1	27.2	29.9	31.3	32.9
62.5°	10.5	13.0	15.8	18.7	21.6	24.8	28.4	31.5	33.8	36.6	39.8
60°	12.9	15.4	18.5	21.8	25.2	29.5	33.2	36.6	39.7	42.9	47.8
57.5°	15.5	17.9	21.4	25.2	29.8	34.8	38.9	42.6	46.9	51.4	56.4
55°	18.2	20.4	24.3	29.0	34.4	40.3	45.1	50.1	55.1	59.2	63.6
52.5°	21.4	23.4	27.5	32.9	39.1	45.7	52.2	57.4	62.1	66.5	71.5
50°	24.7	27.2	30.5	37.0	43.9	51.5	58.8	64.1	69.3	74.6	80.2
47.5°	28.6	31.3	34.2	41.2	49.0	56.7	64.3	71.0	76.8	83.8	90.2
45°	32.8	36.0	39.1	45.6	53.6	61.5	69.8	78.0	86.1	94.3	104.6
42.5°	37.2	40.8	44.6	49.7	57.7	66.4	75.4	86.2	96.6	108.0	121.4
40°	41.5	45.5	50.1	54.7	61.8	71.5	82.4	94.5	109.2	124.0	140.1
37.5°	45.7	50.4	55.3	60.0	66.3	77.2	89.3	104.7	122.4	141.1	161.6
35°	49.9	55.0	60.0	65.6	72.6	83.2	98.1	115.6	136.8	160.4	179.3
32.5°	54.0	59.4	64.5	71.2	79.9	90.8	106.6	128.7	153.1	177.1	189.7
30°	59.0	63.4	69.0	76.6	87.1	100.9	118.1	141.9	169.6	186.0	197.7
27.5°	65.8	67.3	73.7	82.5	94.4	110.8	132.3	156.9	179.9	194.3	204.7
25°	72.5	74.0	78.1	88.5	103.2	122.5	146.6	174.8	188.4	200.5	212.7
22.5°	78.8	80.5	85.6	94.2	111.7	134.5	162.5	187.1	200.1	207.8	221.0
20°	84.8	87.4	93.7	103.7	120.4	145.8	177.8	198.6	210.9	220.2	232.3
17.5°	90.6	94.2	101.9	114.0	132.7	158.5	191.8	210.0	222.1	231.0	246.0
15°	96.1	100.8	109.7	123.7	144.1	172.1	201.2	219.3	232.3	241.2	258.7
12.5°	101.5	107.3	117.2	132.7	154.4	183.9	209.1	225.4	238.3	251.8	269.9
10°	106.8	113.5	124.4	141.0	163.7	194.1	215.7	230.2	243.2	260.3	279.2
7.5°	107.6	116.7	130.3	148.6	171.8	202.8	221.2	234.0	248.1	268.1	287.6
5°	107.6	116.4	130.7	150.7	175.7	207.9	225.0	236.9	252.8	275.1	295.1
2.5°	107.5	115.9	130.8	151.3	176.7	208.4	225.5	237.6	255.5	281.9	302.0
0°	107.3	115.1	130.5	151.4	176.9	207.7	225.5	237.9	257.2	288.1	308.1
-2.5°	107.5	115.9	130.8	151.3	176.7	208.4	225.5	237.6	255.5	281.9	302.0
-5°	107.6	116.4	130.7	150.7	175.7	207.9	225.0	236.9	252.8	275.1	295.1
-7.5°	107.6	116.7	130.3	148.6	171.8	202.8	221.2	234.0	248.1	268.1	287.6
-10°	106.8	113.5	124.4	141.0	163.7	194.1	215.7	230.2	243.2	260.3	279.2
-12.5°	101.5	107.3	117.2	132.7	154.4	183.9	209.1	225.4	238.3	251.8	269.9
-15°	96.1	100.8	109.7	123.7	144.1	172.1	201.2	219.3	232.3	241.2	258.7
-17.5°	90.6	94.2	101.9	114.0	132.7	158.5	191.8	210.0	222.1	231.0	246.0
-20°	84.8	87.4	93.7	103.7	120.4	145.8	177.8	198.6	210.9	220.2	232.3



REPORT NUMBER: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	78.8	80.5	85.6	94.2	111.7	134.5	162.5	187.1	200.1	207.8	221.0
-25°	72.5	74.0	78.1	88.5	103.2	122.5	146.6	174.8	188.4	200.5	212.7
-27.5°	65.8	67.3	73.7	82.5	94.4	110.8	132.3	156.9	179.9	194.3	204.7
-30°	59.0	63.4	69.0	76.6	87.1	100.9	118.1	141.9	169.6	186.0	197.7
-32.5°	54.0	59.4	64.5	71.2	79.9	90.8	106.6	128.7	153.1	177.1	189.7
-35°	49.9	55.0	60.0	65.6	72.6	83.2	98.1	115.6	136.8	160.4	179.3
-37.5°	45.7	50.4	55.3	60.0	66.3	77.2	89.3	104.7	122.4	141.1	161.6
-40°	41.5	45.5	50.1	54.7	61.8	71.5	82.4	94.5	109.2	124.0	140.1
-42.5°	37.2	40.8	44.6	49.7	57.7	66.4	75.4	86.2	96.6	108.0	121.4
-45°	32.8	36.0	39.1	45.6	53.6	61.5	69.8	78.0	86.1	94.3	104.6
-47.5°	28.6	31.3	34.2	41.2	49.0	56.7	64.3	71.0	76.8	83.8	90.2
-50°	24.7	27.2	30.5	37.0	43.9	51.5	58.8	64.1	69.3	74.6	80.2
-52.5°	21.4	23.4	27.5	32.9	39.1	45.7	52.2	57.4	62.1	66.5	71.5
-55°	18.2	20.4	24.3	29.0	34.4	40.3	45.1	50.1	55.1	59.2	63.6
-57.5°	15.5	17.9	21.4	25.2	29.8	34.8	38.9	42.6	46.9	51.4	56.4
-60°	12.9	15.4	18.5	21.8	25.2	29.5	33.2	36.6	39.7	42.9	47.8
-62.5°	10.5	13.0	15.8	18.7	21.6	24.8	28.4	31.5	33.8	36.6	39.8
-65°	8.5	10.6	13.0	15.6	18.2	21.1	24.1	27.2	29.9	31.3	32.9
-67.5°	6.6	8.4	10.4	12.5	14.8	17.2	20.1	22.8	25.4	26.5	27.5
-70°	5.1	6.3	7.9	9.6	11.3	12.7	14.8	17.3	19.8	21.1	21.9
-72.5°	3.7	4.7	5.7	6.8	8.1	9.2	10.2	11.2	12.9	14.7	16.0
-75°	2.7	3.1	3.8	4.7	5.5	6.1	6.6	7.5	8.5	9.6	10.7
-77.5°	2.0	2.3	2.6	2.9	3.2	3.8	4.3	4.7	5.3	5.9	6.6
-80°	1.5	1.5	1.7	2.0	2.2	2.4	2.6	2.8	3.0	3.3	3.7
-82.5°	1.4	1.3	1.3	1.3	1.4	1.4	1.5	1.7	1.8	2.0	2.1
-85°	1.2	1.2	1.0	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
-87.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
-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: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
85°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
82.5°	2.2	2.3	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.0
80°	4.1	4.5	4.7	4.9	5.0	5.6	6.3	7.0	7.7	8.0	8.2
77.5°	7.4	7.9	8.3	8.5	8.7	9.9	11.4	13.0	14.7	15.6	16.3
75°	11.8	12.4	12.8	13.1	13.2	15.1	17.8	20.7	23.7	25.3	26.4
72.5°	16.9	17.5	17.9	18.3	18.5	21.2	26.2	31.6	37.3	40.8	43.3
70°	22.6	23.2	23.7	24.1	24.4	27.7	34.9	42.4	50.2	57.9	66.2
67.5°	28.6	29.9	30.5	30.9	31.3	34.1	41.7	48.8	55.3	69.4	91.5
65°	35.1	38.1	39.3	40.0	40.3	41.5	48.1	53.9	59.3	70.2	87.1
62.5°	43.4	47.3	49.1	49.9	50.4	50.4	55.8	60.7	65.3	72.1	82.8
60°	52.3	56.5	58.8	59.4	59.8	60.0	64.2	69.1	73.6	79.2	89.2
57.5°	60.5	64.5	67.8	69.1	70.1	70.8	74.6	80.3	85.7	91.3	102.0
55°	68.4	73.2	77.8	80.3	82.6	84.7	88.4	95.7	102.6	109.1	120.2
52.5°	76.9	83.1	89.1	93.7	98.2	102.1	106.1	115.5	124.7	133.4	144.3
50°	87.1	94.7	103.5	111.0	117.5	123.8	129.5	140.6	153.1	165.0	176.4
47.5°	100.0	110.0	121.3	132.0	140.7	150.6	159.5	170.9	181.9	193.0	202.4
45°	115.8	129.7	142.8	157.0	169.4	175.9	181.1	188.2	199.6	210.4	219.2
42.5°	136.1	152.3	168.4	178.9	186.9	192.2	196.0	199.7	211.6	222.1	230.6
40°	158.6	174.9	184.8	193.4	199.0	203.7	209.6	215.4	224.7	235.4	244.9
37.5°	178.2	188.6	197.3	204.1	210.8	217.0	225.5	233.9	242.8	254.8	263.6
35°	190.2	199.4	208.3	216.7	225.3	234.9	245.5	257.8	268.7	258.8	244.5
32.5°	199.4	208.8	219.5	232.6	244.5	257.5	270.8	249.5	227.6	219.1	220.8
30°	207.3	218.3	233.1	250.2	266.6	260.7	231.6	221.4	224.4	230.4	241.9
27.5°	215.9	229.6	247.5	268.6	255.7	223.3	225.1	231.0	251.0	268.0	293.7
25°	226.1	242.5	264.8	255.1	225.4	228.5	243.5	266.1	304.2	339.7	370.8
22.5°	238.2	259.2	262.2	225.5	229.5	249.0	279.4	328.3	374.6	417.6	449.6
20°	250.6	274.8	237.6	229.9	247.1	282.0	338.4	394.6	446.2	484.6	516.8
17.5°	265.5	257.0	230.6	238.9	273.7	334.0	397.5	457.0	505.8	572.2	628.7
15°	278.5	239.8	234.9	262.1	314.4	382.3	451.3	504.8	592.8	687.9	784.1
12.5°	271.1	233.7	242.5	282.7	351.5	424.9	485.9	570.5	686.9	825.9	1034.8
10°	260.0	237.1	258.6	311.3	383.2	454.8	518.1	629.0	782.7	1038.0	1366.9
7.5°	251.4	238.6	269.2	333.2	406.8	472.8	557.2	691.7	906.0	1256.2	1956.4
5°	244.9	238.6	274.1	345.9	420.8	485.2	581.4	737.3	1026.7	1525.7	2722.2
2.5°	242.1	237.3	275.4	352.7	427.6	492.1	596.4	770.1	1102.9	1776.1	3579.5
0°	244.0	234.8	274.9	355.2	431.7	491.2	598.5	780.0	1126.0	1868.5	3694.6
-2.5°	242.1	237.3	275.4	352.7	427.6	492.1	596.4	770.1	1102.9	1776.1	3579.5
-5°	244.9	238.6	274.1	345.9	420.8	485.2	581.4	737.3	1026.7	1525.7	2722.2
-7.5°	251.4	238.6	269.2	333.2	406.8	472.8	557.2	691.7	906.0	1256.2	1956.4
-10°	260.0	237.1	258.6	311.3	383.2	454.8	518.1	629.0	782.7	1038.0	1366.9
-12.5°	271.1	233.7	242.5	282.7	351.5	424.9	485.9	570.5	686.9	825.9	1034.8
-15°	278.5	239.8	234.9	262.1	314.4	382.3	451.3	504.8	592.8	687.9	784.1
-17.5°	265.5	257.0	230.6	238.9	273.7	334.0	397.5	457.0	505.8	572.2	628.7
-20°	250.6	274.8	237.6	229.9	247.1	282.0	338.4	394.6	446.2	484.6	516.8



REPORT NUMBER: P558665 (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°	238.2	259.2	262.2	225.5	229.5	249.0	279.4	328.3	374.6	417.6	449.6
-25°	226.1	242.5	264.8	255.1	225.4	228.5	243.5	266.1	304.2	339.7	370.8
-27.5°	215.9	229.6	247.5	268.6	255.7	223.3	225.1	231.0	251.0	268.0	293.7
-30°	207.3	218.3	233.1	250.2	266.6	260.7	231.6	221.4	224.4	230.4	241.9
-32.5°	199.4	208.8	219.5	232.6	244.5	257.5	270.8	249.5	227.6	219.1	220.8
-35°	190.2	199.4	208.3	216.7	225.3	234.9	245.5	257.8	268.7	258.8	244.5
-37.5°	178.2	188.6	197.3	204.1	210.8	217.0	225.5	233.9	242.8	254.8	263.6
-40°	158.6	174.9	184.8	193.4	199.0	203.7	209.6	215.4	224.7	235.4	244.9
-42.5°	136.1	152.3	168.4	178.9	186.9	192.2	196.0	199.7	211.6	222.1	230.6
-45°	115.8	129.7	142.8	157.0	169.4	175.9	181.1	188.2	199.6	210.4	219.2
-47.5°	100.0	110.0	121.3	132.0	140.7	150.6	159.5	170.9	181.9	193.0	202.4
-50°	87.1	94.7	103.5	111.0	117.5	123.8	129.5	140.6	153.1	165.0	176.4
-52.5°	76.9	83.1	89.1	93.7	98.2	102.1	106.1	115.5	124.7	133.4	144.3
-55°	68.4	73.2	77.8	80.3	82.6	84.7	88.4	95.7	102.6	109.1	120.2
-57.5°	60.5	64.5	67.8	69.1	70.1	70.8	74.6	80.3	85.7	91.3	102.0
-60°	52.3	56.5	58.8	59.4	59.8	60.0	64.2	69.1	73.6	79.2	89.2
-62.5°	43.4	47.3	49.1	49.9	50.4	50.4	55.8	60.7	65.3	72.1	82.8
-65°	35.1	38.1	39.3	40.0	40.3	41.5	48.1	53.9	59.3	70.2	87.1
-67.5°	28.6	29.9	30.5	30.9	31.3	34.1	41.7	48.8	55.3	69.4	91.5
-70°	22.6	23.2	23.7	24.1	24.4	27.7	34.9	42.4	50.2	57.9	66.2
-72.5°	16.9	17.5	17.9	18.3	18.5	21.2	26.2	31.6	37.3	40.8	43.3
-75°	11.8	12.4	12.8	13.1	13.2	15.1	17.8	20.7	23.7	25.3	26.4
-77.5°	7.4	7.9	8.3	8.5	8.7	9.9	11.4	13.0	14.7	15.6	16.3
-80°	4.1	4.5	4.7	4.9	5.0	5.6	6.3	7.0	7.7	8.0	8.2
-82.5°	2.2	2.3	2.5	2.6	2.6	2.7	2.8	2.9	2.9	3.0	3.0
-85°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-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: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
82.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9
80°	8.3	8.4	8.1	7.7	8.1	8.4	8.3	8.2	8.0	7.7	7.0
77.5°	17.0	17.6	17.0	16.2	17.0	17.6	17.0	16.3	15.6	14.7	13.0
75°	27.4	28.3	27.8	27.0	27.8	28.3	27.4	26.4	25.3	23.7	20.7
72.5°	45.8	48.0	47.4	46.3	47.4	48.0	45.8	43.3	40.8	37.3	31.6
70°	74.8	83.6	83.3	81.1	83.3	83.6	74.8	66.2	57.9	50.2	42.4
67.5°	115.4	140.3	148.2	152.1	148.2	140.3	115.4	91.5	69.4	55.3	48.8
65°	102.8	117.8	123.8	128.2	123.8	117.8	102.8	87.1	70.2	59.3	53.9
62.5°	92.4	101.4	103.3	103.5	103.3	101.4	92.4	82.8	72.1	65.3	60.7
60°	98.9	108.4	109.8	108.1	109.8	108.4	98.9	89.2	79.2	73.6	69.1
57.5°	112.4	122.3	124.1	122.0	124.1	122.3	112.4	102.0	91.3	85.7	80.3
55°	130.9	141.0	144.3	143.6	144.3	141.0	130.9	120.2	109.1	102.6	95.7
52.5°	154.7	163.9	167.7	167.6	167.7	163.9	154.7	144.3	133.4	124.7	115.5
50°	186.3	194.5	198.6	199.2	198.6	194.5	186.3	176.4	165.0	153.1	140.6
47.5°	209.1	214.6	217.4	217.8	217.4	214.6	209.1	202.4	193.0	181.9	170.9
45°	223.1	226.1	228.2	230.1	228.2	226.1	223.1	219.2	210.4	199.6	188.2
42.5°	236.3	242.4	246.9	247.9	246.9	242.4	236.3	230.6	222.1	211.6	199.7
40°	253.9	262.4	270.4	278.8	270.4	262.4	253.9	244.9	235.4	224.7	215.4
37.5°	272.8	282.1	289.9	294.2	289.9	282.1	272.8	263.6	254.8	242.8	233.9
35°	234.4	228.3	224.6	223.2	224.6	228.3	234.4	244.5	258.8	268.7	257.8
32.5°	221.9	222.3	221.5	220.1	221.5	222.3	221.9	220.8	219.1	227.6	249.5
30°	250.5	254.6	255.1	254.9	255.1	254.6	250.5	241.9	230.4	224.4	221.4
27.5°	312.8	323.2	326.4	332.9	326.4	323.2	312.8	293.7	268.0	251.0	231.0
25°	394.8	410.6	418.1	420.9	418.1	410.6	394.8	370.8	339.7	304.2	266.1
22.5°	467.8	479.8	486.8	492.7	486.8	479.8	467.8	449.6	417.6	374.6	328.3
20°	554.2	576.1	586.1	586.9	586.1	576.1	554.2	516.8	484.6	446.2	394.6
17.5°	689.1	731.8	753.1	759.1	753.1	731.8	689.1	628.7	572.2	505.8	457.0
15°	901.9	1011.0	1067.0	1093.5	1067.0	1011.0	901.9	784.1	687.9	592.8	504.8
12.5°	1249.2	1495.0	1693.7	1768.5	1693.7	1495.0	1249.2	1034.8	825.9	686.9	570.5
10°	1937.2	2671.2	3528.6	3928.6	3528.6	2671.2	1937.2	1366.9	1038.0	782.7	629.0
7.5°	3747.8	8701.7	16865.3	20759.6	16865.3	8701.7	3747.8	1956.4	1256.2	906.0	691.7
5°	7988.6	34475.9	61742.2	72521.4	61742.2	34475.9	7988.6	2722.2	1525.7	1026.7	737.3
2.5°	12724.0	56545.1	106691.5	124753.6	106691.5	56545.1	12724.0	3579.5	1776.1	1102.9	770.1
0°	15202.6	59588.1	117731.7	135753.9	117731.7	59588.1	15202.6	3694.6	1868.5	1126.0	780.0
-2.5°	12724.0	56545.1	106691.5	124753.6	106691.5	56545.1	12724.0	3579.5	1776.1	1102.9	770.1
-5°	7988.6	34475.9	61742.2	72521.4	61742.2	34475.9	7988.6	2722.2	1525.7	1026.7	737.3
-7.5°	3747.8	8701.7	16865.3	20759.6	16865.3	8701.7	3747.8	1956.4	1256.2	906.0	691.7
-10°	1937.2	2671.2	3528.6	3928.6	3528.6	2671.2	1937.2	1366.9	1038.0	782.7	629.0
-12.5°	1249.2	1495.0	1693.7	1768.5	1693.7	1495.0	1249.2	1034.8	825.9	686.9	570.5
-15°	901.9	1011.0	1067.0	1093.5	1067.0	1011.0	901.9	784.1	687.9	592.8	504.8
-17.5°	689.1	731.8	753.1	759.1	753.1	731.8	689.1	628.7	572.2	505.8	457.0
-20°	554.2	576.1	586.1	586.9	586.1	576.1	554.2	516.8	484.6	446.2	394.6



REPORT NUMBER: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	467.8	479.8	486.8	492.7	486.8	479.8	467.8	449.6	417.6	374.6	328.3
-25°	394.8	410.6	418.1	420.9	418.1	410.6	394.8	370.8	339.7	304.2	266.1
-27.5°	312.8	323.2	326.4	332.9	326.4	323.2	312.8	293.7	268.0	251.0	231.0
-30°	250.5	254.6	255.1	254.9	255.1	254.6	250.5	241.9	230.4	224.4	221.4
-32.5°	221.9	222.3	221.5	220.1	221.5	222.3	221.9	220.8	219.1	227.6	249.5
-35°	234.4	228.3	224.6	223.2	224.6	228.3	234.4	244.5	258.8	268.7	257.8
-37.5°	272.8	282.1	289.9	294.2	289.9	282.1	272.8	263.6	254.8	242.8	233.9
-40°	253.9	262.4	270.4	278.8	270.4	262.4	253.9	244.9	235.4	224.7	215.4
-42.5°	236.3	242.4	246.9	247.9	246.9	242.4	236.3	230.6	222.1	211.6	199.7
-45°	223.1	226.1	228.2	230.1	228.2	226.1	223.1	219.2	210.4	199.6	188.2
-47.5°	209.1	214.6	217.4	217.8	217.4	214.6	209.1	202.4	193.0	181.9	170.9
-50°	186.3	194.5	198.6	199.2	198.6	194.5	186.3	176.4	165.0	153.1	140.6
-52.5°	154.7	163.9	167.7	167.6	167.7	163.9	154.7	144.3	133.4	124.7	115.5
-55°	130.9	141.0	144.3	143.6	144.3	141.0	130.9	120.2	109.1	102.6	95.7
-57.5°	112.4	122.3	124.1	122.0	124.1	122.3	112.4	102.0	91.3	85.7	80.3
-60°	98.9	108.4	109.8	108.1	109.8	108.4	98.9	89.2	79.2	73.6	69.1
-62.5°	92.4	101.4	103.3	103.5	103.3	101.4	92.4	82.8	72.1	65.3	60.7
-65°	102.8	117.8	123.8	128.2	123.8	117.8	102.8	87.1	70.2	59.3	53.9
-67.5°	115.4	140.3	148.2	152.1	148.2	140.3	115.4	91.5	69.4	55.3	48.8
-70°	74.8	83.6	83.3	81.1	83.3	83.6	74.8	66.2	57.9	50.2	42.4
-72.5°	45.8	48.0	47.4	46.3	47.4	48.0	45.8	43.3	40.8	37.3	31.6
-75°	27.4	28.3	27.8	27.0	27.8	28.3	27.4	26.4	25.3	23.7	20.7
-77.5°	17.0	17.6	17.0	16.2	17.0	17.6	17.0	16.3	15.6	14.7	13.0
-80°	8.3	8.4	8.1	7.7	8.1	8.4	8.3	8.2	8.0	7.7	7.0
-82.5°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0	2.9	2.9
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-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°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
82.5°	2.8	2.7	2.6	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.7
80°	6.3	5.6	5.0	4.9	4.7	4.5	4.1	3.7	3.3	3.0	2.8
77.5°	11.4	9.9	8.7	8.5	8.3	7.9	7.4	6.6	5.9	5.3	4.7
75°	17.8	15.1	13.2	13.1	12.8	12.4	11.8	10.7	9.6	8.5	7.5
72.5°	26.2	21.2	18.5	18.3	17.9	17.5	16.9	16.0	14.7	12.9	11.2
70°	34.9	27.7	24.4	24.1	23.7	23.2	22.6	21.9	21.1	19.8	17.3
67.5°	41.7	34.1	31.3	30.9	30.5	29.9	28.6	27.5	26.5	25.4	22.8
65°	48.1	41.5	40.3	40.0	39.3	38.1	35.1	32.9	31.3	29.9	27.2
62.5°	55.8	50.4	50.4	49.9	49.1	47.3	43.4	39.8	36.6	33.8	31.5
60°	64.2	60.0	59.8	59.4	58.8	56.5	52.3	47.8	42.9	39.7	36.6
57.5°	74.6	70.8	70.1	69.1	67.8	64.5	60.5	56.4	51.4	46.9	42.6
55°	88.4	84.7	82.6	80.3	77.8	73.2	68.4	63.6	59.2	55.1	50.1
52.5°	106.1	102.1	98.2	93.7	89.1	83.1	76.9	71.5	66.5	62.1	57.4
50°	129.5	123.8	117.5	111.0	103.5	94.7	87.1	80.2	74.6	69.3	64.1
47.5°	159.5	150.6	140.7	132.0	121.3	110.0	100.0	90.2	83.8	76.8	71.0
45°	181.1	175.9	169.4	157.0	142.8	129.7	115.8	104.6	94.3	86.1	78.0
42.5°	196.0	192.2	186.9	178.9	168.4	152.3	136.1	121.4	108.0	96.6	86.2
40°	209.6	203.7	199.0	193.4	184.8	174.9	158.6	140.1	124.0	109.2	94.5
37.5°	225.5	217.0	210.8	204.1	197.3	188.6	178.2	161.6	141.1	122.4	104.7
35°	245.5	234.9	225.3	216.7	208.3	199.4	190.2	179.3	160.4	136.8	115.6
32.5°	270.8	257.5	244.5	232.6	219.5	208.8	199.4	189.7	177.1	153.1	128.7
30°	231.6	260.7	266.6	250.2	233.1	218.3	207.3	197.7	186.0	169.6	141.9
27.5°	225.1	223.3	255.7	268.6	247.5	229.6	215.9	204.7	194.3	179.9	156.9
25°	243.5	228.5	225.4	255.1	264.8	242.5	226.1	212.7	200.5	188.4	174.8
22.5°	279.4	249.0	229.5	225.5	262.2	259.2	238.2	221.0	207.8	200.1	187.1
20°	338.4	282.0	247.1	229.9	237.6	274.8	250.6	232.3	220.2	210.9	198.6
17.5°	397.5	334.0	273.7	238.9	230.6	257.0	265.5	246.0	231.0	222.1	210.0
15°	451.3	382.3	314.4	262.1	234.9	239.8	278.5	258.7	241.2	232.3	219.3
12.5°	485.9	424.9	351.5	282.7	242.5	233.7	271.1	269.9	251.8	238.3	225.4
10°	518.1	454.8	383.2	311.3	258.6	237.1	260.0	279.2	260.3	243.2	230.2
7.5°	557.2	472.8	406.8	333.2	269.2	238.6	251.4	287.6	268.1	248.1	234.0
5°	581.4	485.2	420.8	345.9	274.1	238.6	244.9	295.1	275.1	252.8	236.9
2.5°	596.4	492.1	427.6	352.7	275.4	237.3	242.1	302.0	281.9	255.5	237.6
0°	598.5	491.2	431.7	355.2	274.9	234.8	244.0	308.1	288.1	257.2	237.9
-2.5°	596.4	492.1	427.6	352.7	275.4	237.3	242.1	302.0	281.9	255.5	237.6
-5°	581.4	485.2	420.8	345.9	274.1	238.6	244.9	295.1	275.1	252.8	236.9
-7.5°	557.2	472.8	406.8	333.2	269.2	238.6	251.4	287.6	268.1	248.1	234.0
-10°	518.1	454.8	383.2	311.3	258.6	237.1	260.0	279.2	260.3	243.2	230.2
-12.5°	485.9	424.9	351.5	282.7	242.5	233.7	271.1	269.9	251.8	238.3	225.4
-15°	451.3	382.3	314.4	262.1	234.9	239.8	278.5	258.7	241.2	232.3	219.3
-17.5°	397.5	334.0	273.7	238.9	230.6	257.0	265.5	246.0	231.0	222.1	210.0
-20°	338.4	282.0	247.1	229.9	237.6	274.8	250.6	232.3	220.2	210.9	198.6



REPORT NUMBER: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	279.4	249.0	229.5	225.5	262.2	259.2	238.2	221.0	207.8	200.1	187.1
-25°	243.5	228.5	225.4	255.1	264.8	242.5	226.1	212.7	200.5	188.4	174.8
-27.5°	225.1	223.3	255.7	268.6	247.5	229.6	215.9	204.7	194.3	179.9	156.9
-30°	231.6	260.7	266.6	250.2	233.1	218.3	207.3	197.7	186.0	169.6	141.9
-32.5°	270.8	257.5	244.5	232.6	219.5	208.8	199.4	189.7	177.1	153.1	128.7
-35°	245.5	234.9	225.3	216.7	208.3	199.4	190.2	179.3	160.4	136.8	115.6
-37.5°	225.5	217.0	210.8	204.1	197.3	188.6	178.2	161.6	141.1	122.4	104.7
-40°	209.6	203.7	199.0	193.4	184.8	174.9	158.6	140.1	124.0	109.2	94.5
-42.5°	196.0	192.2	186.9	178.9	168.4	152.3	136.1	121.4	108.0	96.6	86.2
-45°	181.1	175.9	169.4	157.0	142.8	129.7	115.8	104.6	94.3	86.1	78.0
-47.5°	159.5	150.6	140.7	132.0	121.3	110.0	100.0	90.2	83.8	76.8	71.0
-50°	129.5	123.8	117.5	111.0	103.5	94.7	87.1	80.2	74.6	69.3	64.1
-52.5°	106.1	102.1	98.2	93.7	89.1	83.1	76.9	71.5	66.5	62.1	57.4
-55°	88.4	84.7	82.6	80.3	77.8	73.2	68.4	63.6	59.2	55.1	50.1
-57.5°	74.6	70.8	70.1	69.1	67.8	64.5	60.5	56.4	51.4	46.9	42.6
-60°	64.2	60.0	59.8	59.4	58.8	56.5	52.3	47.8	42.9	39.7	36.6
-62.5°	55.8	50.4	50.4	49.9	49.1	47.3	43.4	39.8	36.6	33.8	31.5
-65°	48.1	41.5	40.3	40.0	39.3	38.1	35.1	32.9	31.3	29.9	27.2
-67.5°	41.7	34.1	31.3	30.9	30.5	29.9	28.6	27.5	26.5	25.4	22.8
-70°	34.9	27.7	24.4	24.1	23.7	23.2	22.6	21.9	21.1	19.8	17.3
-72.5°	26.2	21.2	18.5	18.3	17.9	17.5	16.9	16.0	14.7	12.9	11.2
-75°	17.8	15.1	13.2	13.1	12.8	12.4	11.8	10.7	9.6	8.5	7.5
-77.5°	11.4	9.9	8.7	8.5	8.3	7.9	7.4	6.6	5.9	5.3	4.7
-80°	6.3	5.6	5.0	4.9	4.7	4.5	4.1	3.7	3.3	3.0	2.8
-82.5°	2.8	2.7	2.6	2.6	2.5	2.3	2.2	2.1	2.0	1.8	1.7
-85°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
-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: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-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°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.0	1.0	1.0	0.9	1.0	1.2	1.2	1.3	1.1	1.0	0.9
82.5°	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.3
80°	2.6	2.4	2.2	2.0	1.7	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	4.3	3.8	3.2	2.9	2.6	2.3	2.0	1.7	1.5	1.5	1.5
75°	6.6	6.1	5.5	4.7	3.8	3.1	2.7	2.3	2.0	1.6	1.5
72.5°	10.2	9.2	8.1	6.8	5.7	4.7	3.7	3.0	2.7	2.2	1.7
70°	14.8	12.7	11.3	9.6	7.9	6.3	5.1	4.2	3.4	2.9	2.3
67.5°	20.1	17.2	14.8	12.5	10.4	8.4	6.6	5.6	4.7	3.6	3.0
65°	24.1	21.1	18.2	15.6	13.0	10.6	8.5	7.1	5.9	4.8	3.6
62.5°	28.4	24.8	21.6	18.7	15.8	13.0	10.5	9.1	7.3	6.0	4.6
60°	33.2	29.5	25.2	21.8	18.5	15.4	12.9	11.1	9.2	7.1	5.6
57.5°	38.9	34.8	29.8	25.2	21.4	17.9	15.5	13.4	11.2	8.8	6.7
55°	45.1	40.3	34.4	29.0	24.3	20.4	18.2	15.9	13.2	10.6	7.8
52.5°	52.2	45.7	39.1	32.9	27.5	23.4	21.4	18.5	15.6	12.4	9.5
50°	58.8	51.5	43.9	37.0	30.5	27.2	24.7	21.6	18.0	14.3	11.4
47.5°	64.3	56.7	49.0	41.2	34.2	31.3	28.6	24.9	20.5	16.5	13.3
45°	69.8	61.5	53.6	45.6	39.1	36.0	32.8	28.3	23.6	19.2	15.3
42.5°	75.4	66.4	57.7	49.7	44.6	40.8	37.2	32.3	26.7	21.9	17.6
40°	82.4	71.5	61.8	54.7	50.1	45.5	41.5	36.5	30.0	25.0	20.1
37.5°	89.3	77.2	66.3	60.0	55.3	50.4	45.7	40.8	34.2	28.4	22.6
35°	98.1	83.2	72.6	65.6	60.0	55.0	49.9	45.0	38.9	31.9	25.2
32.5°	106.6	90.8	79.9	71.2	64.5	59.4	54.0	50.3	43.9	35.5	27.8
30°	118.1	100.9	87.1	76.6	69.0	63.4	59.0	56.3	49.0	39.0	30.5
27.5°	132.3	110.8	94.4	82.5	73.7	67.3	65.8	62.9	54.3	42.9	33.4
25°	146.6	122.5	103.2	88.5	78.1	74.0	72.5	70.0	59.7	47.2	36.3
22.5°	162.5	134.5	111.7	94.2	85.6	80.5	78.8	76.0	65.5	51.5	39.1
20°	177.8	145.8	120.4	103.7	93.7	87.4	84.8	82.0	71.6	55.8	41.9
17.5°	191.8	158.5	132.7	114.0	101.9	94.2	90.6	87.8	77.8	60.0	44.6
15°	201.2	172.1	144.1	123.7	109.7	100.8	96.1	93.5	84.0	64.2	46.5
12.5°	209.1	183.9	154.4	132.7	117.2	107.3	101.5	99.1	90.3	66.8	47.5
10°	215.7	194.1	163.7	141.0	124.4	113.5	106.8	103.1	92.7	68.2	48.4
7.5°	221.2	202.8	171.8	148.6	130.3	116.7	107.6	103.8	94.2	69.2	49.1
5°	225.0	207.9	175.7	150.7	130.7	116.4	107.6	104.3	95.2	69.9	49.7
2.5°	225.5	208.4	176.7	151.3	130.8	115.9	107.5	104.7	95.7	70.3	50.1
0°	225.5	207.7	176.9	151.4	130.5	115.1	107.3	105.0	95.8	70.3	50.2
-2.5°	225.5	208.4	176.7	151.3	130.8	115.9	107.5	104.7	95.7	70.3	50.1
-5°	225.0	207.9	175.7	150.7	130.7	116.4	107.6	104.3	95.2	69.9	49.7
-7.5°	221.2	202.8	171.8	148.6	130.3	116.7	107.6	103.8	94.2	69.2	49.1
-10°	215.7	194.1	163.7	141.0	124.4	113.5	106.8	103.1	92.7	68.2	48.4
-12.5°	209.1	183.9	154.4	132.7	117.2	107.3	101.5	99.1	90.3	66.8	47.5
-15°	201.2	172.1	144.1	123.7	109.7	100.8	96.1	93.5	84.0	64.2	46.5
-17.5°	191.8	158.5	132.7	114.0	101.9	94.2	90.6	87.8	77.8	60.0	44.6
-20°	177.8	145.8	120.4	103.7	93.7	87.4	84.8	82.0	71.6	55.8	41.9



REPORT NUMBER: P558665 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-930-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	162.5	134.5	111.7	94.2	85.6	80.5	78.8	76.0	65.5	51.5	39.1
-25°	146.6	122.5	103.2	88.5	78.1	74.0	72.5	70.0	59.7	47.2	36.3
-27.5°	132.3	110.8	94.4	82.5	73.7	67.3	65.8	62.9	54.3	42.9	33.4
-30°	118.1	100.9	87.1	76.6	69.0	63.4	59.0	56.3	49.0	39.0	30.5
-32.5°	106.6	90.8	79.9	71.2	64.5	59.4	54.0	50.3	43.9	35.5	27.8
-35°	98.1	83.2	72.6	65.6	60.0	55.0	49.9	45.0	38.9	31.9	25.2
-37.5°	89.3	77.2	66.3	60.0	55.3	50.4	45.7	40.8	34.2	28.4	22.6
-40°	82.4	71.5	61.8	54.7	50.1	45.5	41.5	36.5	30.0	25.0	20.1
-42.5°	75.4	66.4	57.7	49.7	44.6	40.8	37.2	32.3	26.7	21.9	17.6
-45°	69.8	61.5	53.6	45.6	39.1	36.0	32.8	28.3	23.6	19.2	15.3
-47.5°	64.3	56.7	49.0	41.2	34.2	31.3	28.6	24.9	20.5	16.5	13.3
-50°	58.8	51.5	43.9	37.0	30.5	27.2	24.7	21.6	18.0	14.3	11.4
-52.5°	52.2	45.7	39.1	32.9	27.5	23.4	21.4	18.5	15.6	12.4	9.5
-55°	45.1	40.3	34.4	29.0	24.3	20.4	18.2	15.9	13.2	10.6	7.8
-57.5°	38.9	34.8	29.8	25.2	21.4	17.9	15.5	13.4	11.2	8.8	6.7
-60°	33.2	29.5	25.2	21.8	18.5	15.4	12.9	11.1	9.2	7.1	5.6
-62.5°	28.4	24.8	21.6	18.7	15.8	13.0	10.5	9.1	7.3	6.0	4.6
-65°	24.1	21.1	18.2	15.6	13.0	10.6	8.5	7.1	5.9	4.8	3.6
-67.5°	20.1	17.2	14.8	12.5	10.4	8.4	6.6	5.6	4.7	3.6	3.0
-70°	14.8	12.7	11.3	9.6	7.9	6.3	5.1	4.2	3.4	2.9	2.3
-72.5°	10.2	9.2	8.1	6.8	5.7	4.7	3.7	3.0	2.7	2.2	1.7
-75°	6.6	6.1	5.5	4.7	3.8	3.1	2.7	2.3	2.0	1.6	1.5
-77.5°	4.3	3.8	3.2	2.9	2.6	2.3	2.0	1.7	1.5	1.5	1.5
-80°	2.6	2.4	2.2	2.0	1.7	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.3
-85°	1.0	1.0	1.0	0.9	1.0	1.2	1.2	1.3	1.1	1.0	0.9
-87.5°	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
70°	1.6	1.5	1.5	1.5	1.0	0.5	0.0
67.5°	2.2	1.5	1.5	1.5	1.1	0.6	0.0
65°	2.8	1.8	1.5	1.5	1.3	0.6	0.0
62.5°	3.4	2.3	1.5	1.5	1.4	0.7	0.0
60°	4.0	2.8	1.5	1.5	1.5	0.7	0.0
57.5°	5.0	3.3	1.9	1.5	1.5	0.8	0.0
55°	6.0	3.8	2.3	1.5	1.5	0.9	0.0
52.5°	7.1	4.4	2.7	1.5	1.5	0.9	0.0
50°	8.2	5.4	3.1	1.5	1.6	1.0	0.0
47.5°	9.4	6.3	3.5	1.6	1.6	1.0	0.0
45°	11.1	7.3	3.9	1.9	1.6	1.1	0.0
42.5°	12.9	8.3	4.3	2.1	1.6	1.1	0.0
40°	14.7	9.3	4.9	2.4	1.7	1.1	0.0
37.5°	16.5	10.3	5.6	2.7	1.7	1.2	0.0
35°	18.3	11.6	6.4	2.9	1.7	1.2	0.0
32.5°	20.2	13.0	7.1	3.1	1.8	1.3	0.0
30°	22.3	14.4	7.8	3.3	1.8	1.3	0.0
27.5°	24.4	15.7	8.3	3.5	1.8	1.3	0.0
25°	26.4	17.0	8.6	3.6	1.9	1.4	0.0
22.5°	28.4	18.1	8.9	3.7	1.9	1.4	0.0
20°	30.4	18.5	9.1	3.8	2.0	1.4	0.0
17.5°	31.4	18.7	9.2	3.9	2.0	1.4	0.0
15°	31.8	18.8	9.3	3.9	2.1	1.4	0.0
12.5°	32.0	18.8	9.3	4.0	2.1	1.5	0.0
10°	32.1	18.6	9.3	4.0	2.1	1.5	0.0
7.5°	32.0	18.4	9.1	4.0	2.2	1.5	0.0
5°	31.8	18.0	9.0	4.0	2.2	1.5	0.0
2.5°	31.4	17.6	8.8	3.9	2.3	1.5	0.0
0°	30.9	17.0	8.5	3.9	2.3	1.5	0.0
-2.5°	31.4	17.6	8.8	3.9	2.3	1.5	0.0
-5°	31.8	18.0	9.0	4.0	2.2	1.5	0.0
-7.5°	32.0	18.4	9.1	4.0	2.2	1.5	0.0
-10°	32.1	18.6	9.3	4.0	2.1	1.5	0.0
-12.5°	32.0	18.8	9.3	4.0	2.1	1.5	0.0
-15°	31.8	18.8	9.3	3.9	2.1	1.4	0.0
-17.5°	31.4	18.7	9.2	3.9	2.0	1.4	0.0
-20°	30.4	18.5	9.1	3.8	2.0	1.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28.4	18.1	8.9	3.7	1.9	1.4	0.0
-25°	26.4	17.0	8.6	3.6	1.9	1.4	0.0
-27.5°	24.4	15.7	8.3	3.5	1.8	1.3	0.0
-30°	22.3	14.4	7.8	3.3	1.8	1.3	0.0
-32.5°	20.2	13.0	7.1	3.1	1.8	1.3	0.0
-35°	18.3	11.6	6.4	2.9	1.7	1.2	0.0
-37.5°	16.5	10.3	5.6	2.7	1.7	1.2	0.0
-40°	14.7	9.3	4.9	2.4	1.7	1.1	0.0
-42.5°	12.9	8.3	4.3	2.1	1.6	1.1	0.0
-45°	11.1	7.3	3.9	1.9	1.6	1.1	0.0
-47.5°	9.4	6.3	3.5	1.6	1.6	1.0	0.0
-50°	8.2	5.4	3.1	1.5	1.6	1.0	0.0
-52.5°	7.1	4.4	2.7	1.5	1.5	0.9	0.0
-55°	6.0	3.8	2.3	1.5	1.5	0.9	0.0
-57.5°	5.0	3.3	1.9	1.5	1.5	0.8	0.0
-60°	4.0	2.8	1.5	1.5	1.5	0.7	0.0
-62.5°	3.4	2.3	1.5	1.5	1.4	0.7	0.0
-65°	2.8	1.8	1.5	1.5	1.3	0.6	0.0
-67.5°	2.2	1.5	1.5	1.5	1.1	0.6	0.0
-70°	1.6	1.5	1.5	1.5	1.0	0.5	0.0
-72.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.0
-75°	1.5	1.5	1.5	1.2	0.8	0.4	0.0
-77.5°	1.5	1.5	1.3	1.0	0.6	0.3	0.0
-80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)