

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: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA2C-935-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

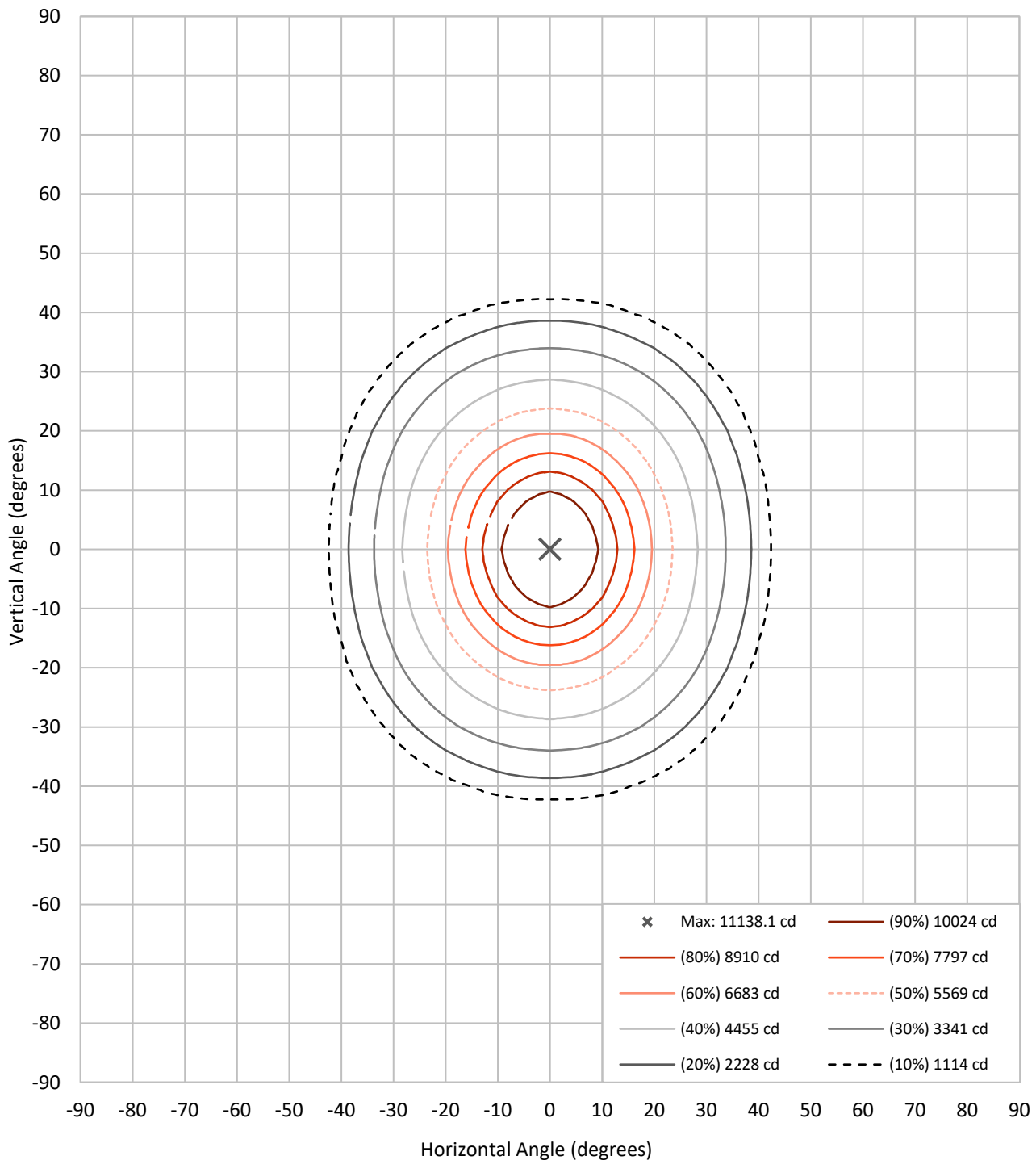
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	8670.4 lumens	Max Intensity:	11138.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	4091.3 lumens	Field Lumens:	7872.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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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### Iso-Candela Plot





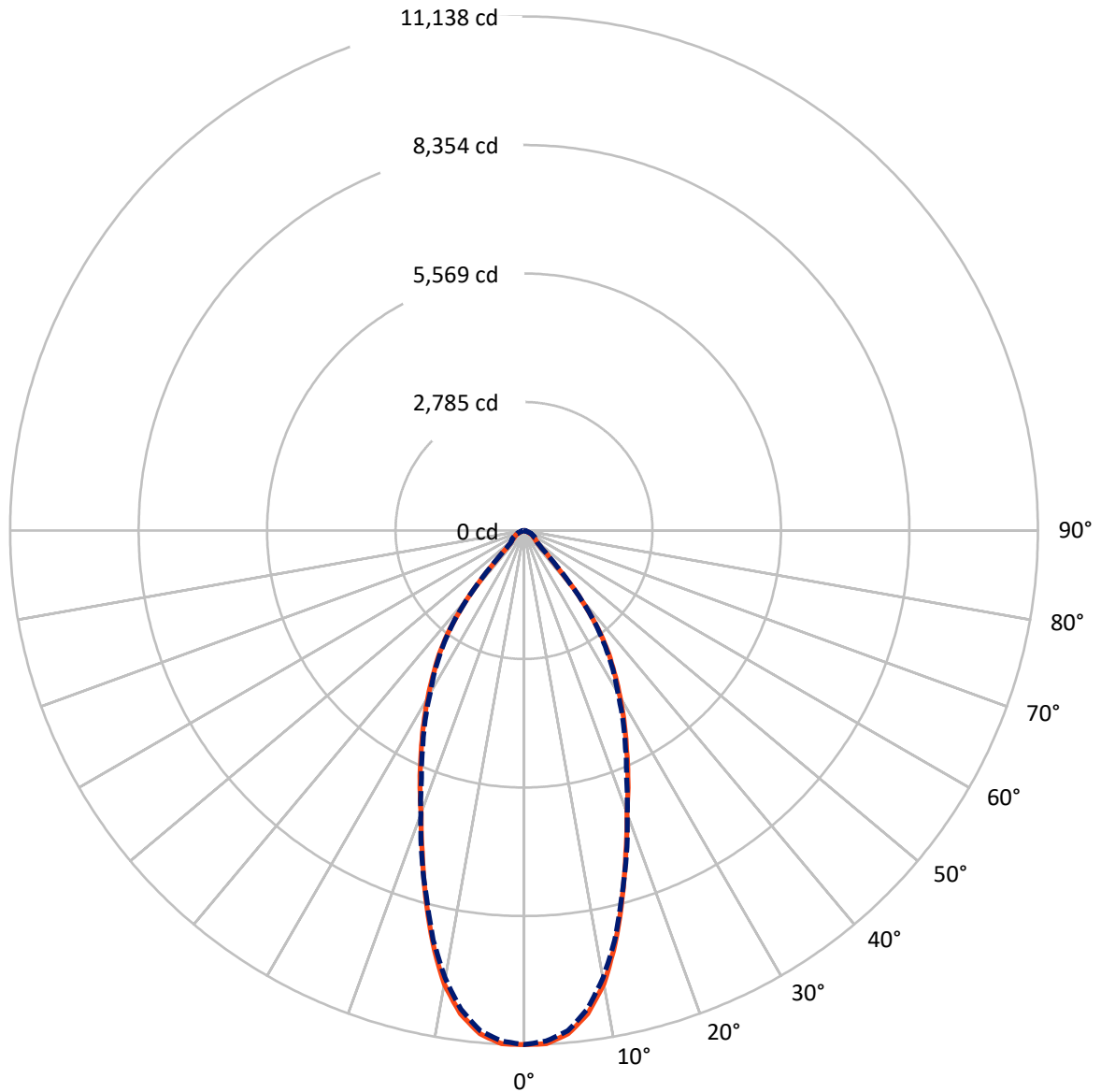
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### Lumen Table

90	0.1	1.1	2.4	3.9	3.0	3.9	2.4	1.1	0.1							
80	0.1	1.1	2.4	3.9	3.0	3.9	2.4	1.1	0.1							
70	0.6	0.7	1.3	2.0	2.8	3.5	4.0	4.3	4.3	4.0	3.5	2.8	2.0	1.3	0.7	0.6
60		1.1	2.1	3.5	5.0	6.2	7.1	7.8	7.8	7.1	6.2	5.0	3.5	2.1	1.1	
50	0.9	1.4	2.9	4.9	7.1	9.7	15.4	21.6	21.6	15.4	9.7	7.1	4.9	2.9	1.4	0.9
40		1.7	3.6	6.1	11.4	36.5	71.1	90.6	90.6	71.1	36.5	11.4	6.1	3.6	1.7	
30	1.0	2.0	4.2	7.6	33.4	87.3	128.8	156.0	156.0	128.8	87.3	33.4	7.6	4.2	2.0	1.0
20		2.2	4.7	11.7	60.7	120.5	183.1	238.3	238.3	183.1	120.5	60.7	11.7	4.7	2.2	
10	1.1	2.3	5.1	16.1	74.0	140.6	230.2	311.4	311.4	230.2	140.6	74.0	16.1	5.1	2.3	1.1
0		2.3	5.1	16.1	74.0	140.6	230.2	311.4	311.4	230.2	140.6	74.0	16.1	5.1	2.3	
-10	1.0	2.2	4.7	11.7	60.7	120.5	183.1	238.3	238.3	183.1	120.5	60.7	11.7	4.7	2.2	1.0
-20		2.0	4.2	7.6	33.4	87.3	128.8	156.0	156.0	128.8	87.3	33.4	7.6	4.2	2.0	
-30	0.9	1.7	3.6	6.1	11.4	36.5	71.1	90.6	90.6	71.1	36.5	11.4	6.1	3.6	1.7	0.9
-40		1.4	2.9	4.9	7.1	9.7	15.4	21.6	21.6	15.4	9.7	7.1	4.9	2.9	1.4	
-50	0.6	1.1	2.1	3.5	5.0	6.2	7.1	7.8	7.8	7.1	6.2	5.0	3.5	2.1	1.1	0.6
-60		0.7	1.3	2.0	2.8	3.5	4.0	4.3	4.3	4.0	3.5	2.8	2.0	1.3	0.7	
-70	0.1	1.1	2.4	3.9	3.0	3.9	2.4	1.1	0.1							
-80		0.1	1.1	2.4	3.9	3.0	3.9	2.4	1.1	0.1						
-90	0.1	1.1	2.4	3.9	3.0	3.9	2.4	1.1	0.1							

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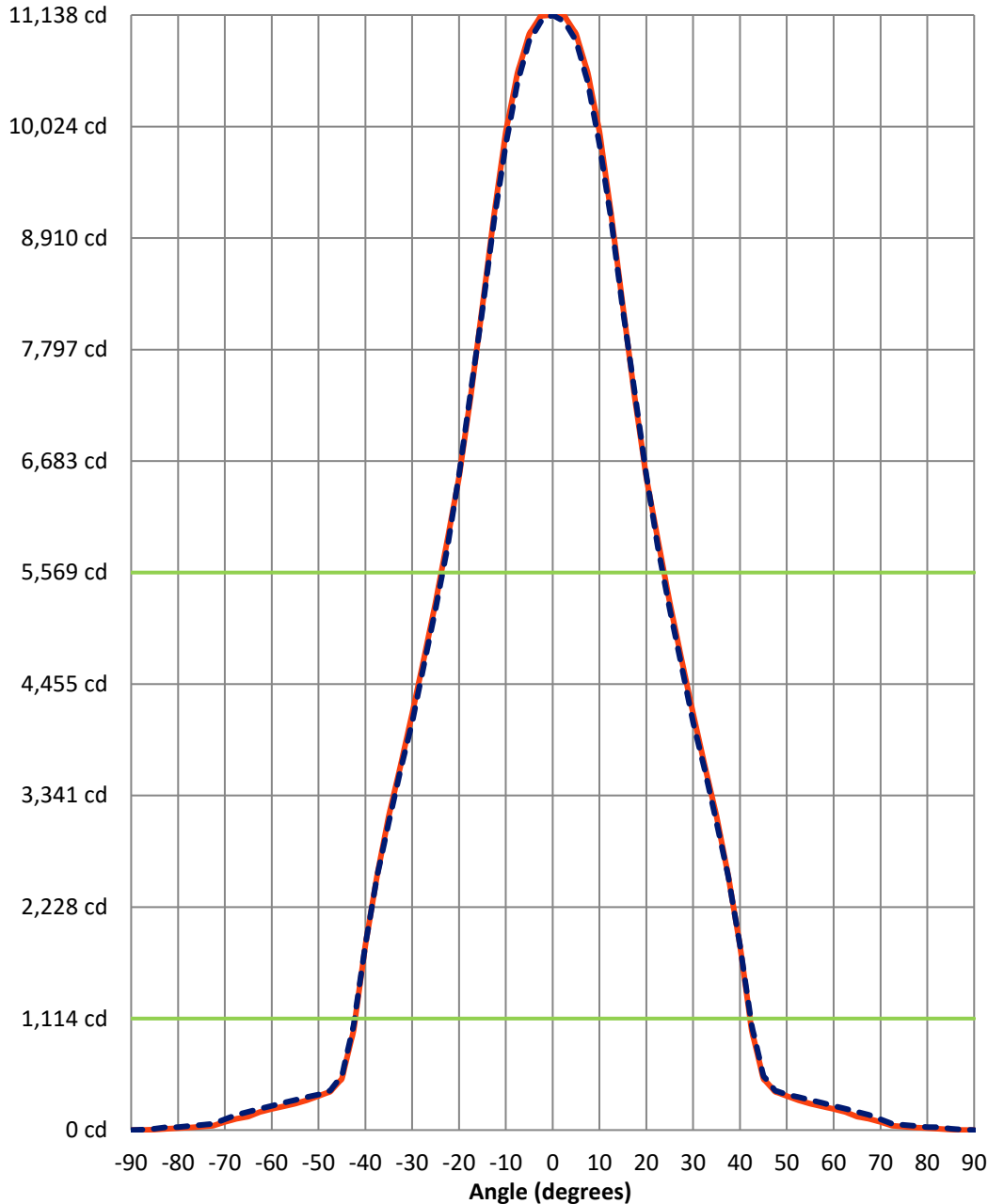
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 47.6°  
 Lumens: 4091.3  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 7872.7  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 797.7  
 Efficiency: 9.2%

- 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	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.1
85°	0.0	0.4	0.7	1.2	1.7	2.4	3.0	3.4	3.7	4.0	4.2
82.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.6	5.1	5.8	6.9	7.7
80°	0.0	0.7	1.5	2.4	3.5	4.7	6.3	8.3	9.9	11.1	12.0
77.5°	0.0	0.9	1.8	3.0	4.3	6.4	9.8	12.3	14.1	15.5	16.7
75°	0.0	1.1	2.2	3.5	5.4	9.1	13.3	16.3	18.4	20.7	22.4
72.5°	0.0	1.3	2.5	4.1	7.3	11.7	16.7	20.5	23.7	26.3	28.2
70°	0.0	1.4	2.9	4.8	9.2	14.3	20.1	25.4	29.1	32.0	36.6
67.5°	0.0	1.6	3.2	6.1	11.1	16.8	24.1	30.4	34.4	39.2	45.3
65°	0.0	1.8	3.5	7.4	12.9	19.5	27.9	35.4	40.1	46.1	53.4
62.5°	0.0	1.9	3.9	8.6	14.6	22.3	31.5	39.9	45.5	52.8	60.9
60°	0.0	2.1	4.2	9.7	16.3	25.0	34.9	44.0	50.6	59.5	68.4
57.5°	0.0	2.3	4.9	10.9	18.2	27.5	37.3	47.6	56.3	66.2	74.8
55°	0.0	2.4	5.6	11.9	20.0	29.9	39.3	50.3	62.2	72.4	80.8
52.5°	0.0	2.6	6.3	12.9	21.7	32.0	41.0	53.9	67.9	77.7	86.7
50°	0.0	2.7	7.0	13.9	23.3	33.0	42.4	57.3	73.1	82.9	93.2
47.5°	0.0	2.8	7.6	14.8	24.7	33.8	43.7	60.2	77.6	88.0	99.5
45°	0.0	3.0	8.2	15.8	26.1	34.4	45.8	62.8	79.9	93.5	105.6
42.5°	0.0	3.1	8.8	16.7	27.3	34.9	47.6	64.6	81.7	98.7	111.9
40°	0.0	3.2	9.4	17.7	27.9	35.1	49.1	65.7	83.3	103.3	117.9
37.5°	0.0	3.3	9.9	18.7	28.0	35.1	50.2	66.6	85.0	105.6	123.7
35°	0.0	3.4	10.4	19.6	28.0	35.5	51.0	67.0	86.4	109.0	129.2
32.5°	0.0	3.5	10.8	20.6	27.8	36.1	51.4	67.1	87.6	113.1	134.3
30°	0.0	3.6	11.2	21.5	27.5	36.4	51.4	67.1	88.5	117.9	139.2
27.5°	0.0	3.7	11.6	22.3	27.8	36.5	51.1	67.6	90.2	123.3	144.1
25°	0.0	3.8	11.9	23.2	28.2	36.4	50.5	67.7	93.8	127.8	148.9
22.5°	0.0	3.9	12.3	24.0	28.4	36.5	49.7	67.7	97.6	131.5	154.8
20°	0.0	3.9	12.5	24.7	28.7	37.4	48.6	67.3	101.5	134.9	160.1
17.5°	0.0	4.0	12.8	25.4	28.8	38.3	48.7	66.7	105.3	138.2	164.9
15°	0.0	4.1	13.0	26.0	29.0	39.0	49.4	66.5	108.9	141.1	169.1
12.5°	0.0	4.1	13.1	26.6	29.1	39.6	50.0	66.8	111.5	143.7	172.7
10°	0.0	4.1	13.3	27.1	29.2	40.1	50.5	66.6	112.5	145.8	175.7
7.5°	0.0	4.2	13.3	27.5	29.2	40.5	50.8	66.1	112.6	147.9	178.3
5°	0.0	4.2	13.4	27.9	29.3	40.8	51.0	65.2	111.8	149.8	180.3
2.5°	0.0	4.2	13.4	28.2	29.3	40.9	51.0	64.1	110.3	151.3	181.6
0°	0.0	4.2	13.4	28.4	29.3	41.0	51.0	62.7	107.9	152.2	182.3
-2.5°	0.0	4.2	13.4	28.2	29.3	40.9	51.0	64.1	110.3	151.3	181.6
-5°	0.0	4.2	13.4	27.9	29.3	40.8	51.0	65.2	111.8	149.8	180.3
-7.5°	0.0	4.2	13.3	27.5	29.2	40.5	50.8	66.1	112.6	147.9	178.3
-10°	0.0	4.1	13.3	27.1	29.2	40.1	50.5	66.6	112.5	145.8	175.7
-12.5°	0.0	4.1	13.1	26.6	29.1	39.6	50.0	66.8	111.5	143.7	172.7
-15°	0.0	4.1	13.0	26.0	29.0	39.0	49.4	66.5	108.9	141.1	169.1
-17.5°	0.0	4.0	12.8	25.4	28.8	38.3	48.7	66.7	105.3	138.2	164.9
-20°	0.0	3.9	12.5	24.7	28.7	37.4	48.6	67.3	101.5	134.9	160.1



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.9	12.3	24.0	28.4	36.5	49.7	67.7	97.6	131.5	154.8
-25°	0.0	3.8	11.9	23.2	28.2	36.4	50.5	67.7	93.8	127.8	148.9
-27.5°	0.0	3.7	11.6	22.3	27.8	36.5	51.1	67.6	90.2	123.3	144.1
-30°	0.0	3.6	11.2	21.5	27.5	36.4	51.4	67.1	88.5	117.9	139.2
-32.5°	0.0	3.5	10.8	20.6	27.8	36.1	51.4	67.1	87.6	113.1	134.3
-35°	0.0	3.4	10.4	19.6	28.0	35.5	51.0	67.0	86.4	109.0	129.2
-37.5°	0.0	3.3	9.9	18.7	28.0	35.1	50.2	66.6	85.0	105.6	123.7
-40°	0.0	3.2	9.4	17.7	27.9	35.1	49.1	65.7	83.3	103.3	117.9
-42.5°	0.0	3.1	8.8	16.7	27.3	34.9	47.6	64.6	81.7	98.7	111.9
-45°	0.0	3.0	8.2	15.8	26.1	34.4	45.8	62.8	79.9	93.5	105.6
-47.5°	0.0	2.8	7.6	14.8	24.7	33.8	43.7	60.2	77.6	88.0	99.5
-50°	0.0	2.7	7.0	13.9	23.3	33.0	42.4	57.3	73.1	82.9	93.2
-52.5°	0.0	2.6	6.3	12.9	21.7	32.0	41.0	53.9	67.9	77.7	86.7
-55°	0.0	2.4	5.6	11.9	20.0	29.9	39.3	50.3	62.2	72.4	80.8
-57.5°	0.0	2.3	4.9	10.9	18.2	27.5	37.3	47.6	56.3	66.2	74.8
-60°	0.0	2.1	4.2	9.7	16.3	25.0	34.9	44.0	50.6	59.5	68.4
-62.5°	0.0	1.9	3.9	8.6	14.6	22.3	31.5	39.9	45.5	52.8	60.9
-65°	0.0	1.8	3.5	7.4	12.9	19.5	27.9	35.4	40.1	46.1	53.4
-67.5°	0.0	1.6	3.2	6.1	11.1	16.8	24.1	30.4	34.4	39.2	45.3
-70°	0.0	1.4	2.9	4.8	9.2	14.3	20.1	25.4	29.1	32.0	36.6
-72.5°	0.0	1.3	2.5	4.1	7.3	11.7	16.7	20.5	23.7	26.3	28.2
-75°	0.0	1.1	2.2	3.5	5.4	9.1	13.3	16.3	18.4	20.7	22.4
-77.5°	0.0	0.9	1.8	3.0	4.3	6.4	9.8	12.3	14.1	15.5	16.7
-80°	0.0	0.7	1.5	2.4	3.5	4.7	6.3	8.3	9.9	11.1	12.0
-82.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.6	5.1	5.8	6.9	7.7
-85°	0.0	0.4	0.7	1.2	1.7	2.4	3.0	3.4	3.7	4.0	4.2
-87.5°	0.0	0.2	0.4	0.6	0.9	1.2	1.5	1.7	1.9	2.0	2.1
-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°	2.1	2.1	2.0	1.9	1.8	1.6	1.4	1.2	1.3	1.3	1.3
85°	4.2	4.2	4.5	4.8	4.9	4.9	4.8	4.5	5.2	5.9	6.7
82.5°	8.5	9.2	9.9	10.6	10.6	10.4	10.0	9.6	11.1	12.9	14.8
80°	13.1	14.2	15.9	17.5	18.0	17.8	17.3	16.4	18.4	21.3	24.7
77.5°	18.7	21.0	23.3	25.6	26.2	25.7	24.6	22.9	25.4	30.2	35.6
75°	24.8	27.7	31.3	34.2	34.8	33.8	32.1	30.6	33.8	39.7	45.5
72.5°	32.4	37.1	40.7	43.2	43.4	42.5	41.7	40.9	44.4	51.5	57.4
70°	42.1	46.9	49.6	51.2	51.5	52.1	54.5	56.8	60.2	66.3	71.1
67.5°	51.8	55.5	58.0	59.9	63.5	66.9	70.2	73.6	77.4	82.5	86.2
65°	60.3	64.2	67.5	71.9	77.1	81.3	85.6	90.4	95.7	100.6	104.1
62.5°	68.8	72.9	77.6	83.3	89.4	95.0	101.5	108.1	114.5	119.9	125.9
60°	75.7	81.3	87.5	94.5	101.8	110.3	118.0	125.6	132.6	139.4	147.9
57.5°	82.4	89.8	97.5	105.8	115.4	125.7	134.8	143.1	151.9	161.8	170.1
55°	89.3	98.7	107.5	117.5	129.0	141.4	151.3	160.8	171.6	183.5	192.8
52.5°	96.9	107.2	117.5	129.5	143.3	155.7	166.1	177.9	191.0	203.9	214.7
50°	104.1	115.6	127.5	142.7	156.5	168.3	181.2	195.4	209.1	222.4	235.1
47.5°	111.5	123.7	139.5	155.1	168.0	181.8	196.9	211.5	225.9	239.8	253.1
45°	118.7	133.1	150.8	165.6	179.9	195.8	211.4	226.6	241.8	256.5	271.1
42.5°	125.6	142.4	160.2	175.7	192.2	208.7	225.1	241.2	257.2	273.0	288.5
40°	133.2	150.9	169.6	186.5	203.7	221.0	238.2	255.2	272.1	288.8	305.3
37.5°	140.1	159.7	179.1	196.9	214.5	232.6	250.7	268.8	286.6	304.0	322.7
35°	146.4	168.6	188.2	206.8	225.3	243.7	262.8	281.8	300.5	319.4	343.3
32.5°	153.4	177.5	196.8	216.4	235.5	254.5	274.3	294.4	314.3	336.4	370.8
30°	161.3	185.0	204.9	225.5	245.1	265.0	285.4	306.5	327.4	361.8	441.1
27.5°	169.0	191.8	212.8	233.8	254.1	274.7	296.1	317.9	347.2	399.9	528.6
25°	176.1	198.4	220.2	241.5	262.4	283.8	305.9	328.6	368.2	474.8	759.2
22.5°	182.1	204.8	227.4	248.5	269.9	292.0	315.1	345.1	406.4	550.4	1015.7
20°	187.3	210.9	234.0	255.9	276.9	299.3	323.4	360.8	464.4	766.4	1323.1
17.5°	192.0	216.4	240.0	263.0	285.0	307.0	331.6	374.4	516.6	954.1	1632.2
15°	196.4	221.3	245.7	269.6	292.4	315.3	344.7	413.0	622.1	1140.4	1907.5
12.5°	200.3	225.6	250.8	275.7	299.0	322.7	356.4	451.3	751.4	1358.9	2095.5
10°	203.8	229.4	255.4	281.2	304.9	329.1	366.3	482.8	857.7	1538.7	2246.5
7.5°	207.0	232.9	259.6	286.1	309.9	334.7	374.4	507.4	939.8	1674.1	2367.0
5°	209.7	236.5	264.6	291.5	316.2	340.7	381.4	525.1	997.5	1765.3	2454.7
2.5°	211.8	239.4	269.0	296.3	323.3	348.1	389.3	538.1	1034.7	1823.4	2510.9
0°	213.2	241.7	272.6	300.2	329.5	354.5	395.5	544.4	1048.6	1844.6	2532.0
-2.5°	211.8	239.4	269.0	296.3	323.3	348.1	389.3	538.1	1034.7	1823.4	2510.9
-5°	209.7	236.5	264.6	291.5	316.2	340.7	381.4	525.1	997.5	1765.3	2454.7
-7.5°	207.0	232.9	259.6	286.1	309.9	334.7	374.4	507.4	939.8	1674.1	2367.0
-10°	203.8	229.4	255.4	281.2	304.9	329.1	366.3	482.8	857.7	1538.7	2246.5
-12.5°	200.3	225.6	250.8	275.7	299.0	322.7	356.4	451.3	751.4	1358.9	2095.5
-15°	196.4	221.3	245.7	269.6	292.4	315.3	344.7	413.0	622.1	1140.4	1907.5
-17.5°	192.0	216.4	240.0	263.0	285.0	307.0	331.6	374.4	516.6	954.1	1632.2
-20°	187.3	210.9	234.0	255.9	276.9	299.3	323.4	360.8	464.4	766.4	1323.1



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	182.1	204.8	227.4	248.5	269.9	292.0	315.1	345.1	406.4	550.4	1015.7
-25°	176.1	198.4	220.2	241.5	262.4	283.8	305.9	328.6	368.2	474.8	759.2
-27.5°	169.0	191.8	212.8	233.8	254.1	274.7	296.1	317.9	347.2	399.9	528.6
-30°	161.3	185.0	204.9	225.5	245.1	265.0	285.4	306.5	327.4	361.8	441.1
-32.5°	153.4	177.5	196.8	216.4	235.5	254.5	274.3	294.4	314.3	336.4	370.8
-35°	146.4	168.6	188.2	206.8	225.3	243.7	262.8	281.8	300.5	319.4	343.3
-37.5°	140.1	159.7	179.1	196.9	214.5	232.6	250.7	268.8	286.6	304.0	322.7
-40°	133.2	150.9	169.6	186.5	203.7	221.0	238.2	255.2	272.1	288.8	305.3
-42.5°	125.6	142.4	160.2	175.7	192.2	208.7	225.1	241.2	257.2	273.0	288.5
-45°	118.7	133.1	150.8	165.6	179.9	195.8	211.4	226.6	241.8	256.5	271.1
-47.5°	111.5	123.7	139.5	155.1	168.0	181.8	196.9	211.5	225.9	239.8	253.1
-50°	104.1	115.6	127.5	142.7	156.5	168.3	181.2	195.4	209.1	222.4	235.1
-52.5°	96.9	107.2	117.5	129.5	143.3	155.7	166.1	177.9	191.0	203.9	214.7
-55°	89.3	98.7	107.5	117.5	129.0	141.4	151.3	160.8	171.6	183.5	192.8
-57.5°	82.4	89.8	97.5	105.8	115.4	125.7	134.8	143.1	151.9	161.8	170.1
-60°	75.7	81.3	87.5	94.5	101.8	110.3	118.0	125.6	132.6	139.4	147.9
-62.5°	68.8	72.9	77.6	83.3	89.4	95.0	101.5	108.1	114.5	119.9	125.9
-65°	60.3	64.2	67.5	71.9	77.1	81.3	85.6	90.4	95.7	100.6	104.1
-67.5°	51.8	55.5	58.0	59.9	63.5	66.9	70.2	73.6	77.4	82.5	86.2
-70°	42.1	46.9	49.6	51.2	51.5	52.1	54.5	56.8	60.2	66.3	71.1
-72.5°	32.4	37.1	40.7	43.2	43.4	42.5	41.7	40.9	44.4	51.5	57.4
-75°	24.8	27.7	31.3	34.2	34.8	33.8	32.1	30.6	33.8	39.7	45.5
-77.5°	18.7	21.0	23.3	25.6	26.2	25.7	24.6	22.9	25.4	30.2	35.6
-80°	13.1	14.2	15.9	17.5	18.0	17.8	17.3	16.4	18.4	21.3	24.7
-82.5°	8.5	9.2	9.9	10.6	10.6	10.4	10.0	9.6	11.1	12.9	14.8
-85°	4.2	4.2	4.5	4.8	4.9	4.9	4.8	4.5	5.2	5.9	6.7
-87.5°	2.1	2.1	2.0	1.9	1.8	1.6	1.4	1.2	1.3	1.3	1.3
-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: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.4	1.2
85°	7.5	7.3	6.9	6.4	5.8	6.1	6.4	6.8	7.1	6.6	6.1
82.5°	16.9	17.1	17.1	17.0	17.0	17.7	18.4	19.0	19.5	18.0	16.3
80°	28.4	29.8	30.6	31.3	31.9	31.9	31.5	30.7	29.7	27.1	24.3
77.5°	41.1	43.2	44.3	45.4	46.4	46.8	47.1	47.4	47.6	43.2	37.6
75°	50.9	54.1	55.9	57.6	59.2	60.1	60.6	61.0	61.1	55.8	48.9
72.5°	62.1	65.2	67.4	69.6	71.5	72.8	73.6	74.1	74.5	69.9	63.3
70°	74.5	76.9	79.6	82.2	84.6	86.3	87.4	88.2	88.9	88.4	88.1
67.5°	89.1	91.2	94.4	96.9	99.5	101.3	103.2	104.6	105.7	107.0	108.4
65°	107.4	112.5	117.2	119.6	120.0	122.6	126.8	129.5	130.9	132.0	133.3
62.5°	132.8	139.1	142.5	146.5	151.7	156.4	158.2	160.7	163.7	167.2	171.3
60°	154.7	159.9	165.2	170.7	175.4	179.4	183.7	188.0	191.9	195.5	199.0
57.5°	177.0	182.6	188.1	194.6	199.1	201.8	206.0	211.1	215.1	218.2	222.8
55°	200.1	207.4	214.9	220.7	225.0	227.8	231.0	235.9	238.8	239.9	245.3
52.5°	223.4	232.1	241.2	248.1	252.6	256.8	260.7	265.0	268.0	269.4	274.7
50°	244.9	255.3	265.5	274.4	280.4	287.4	295.3	299.2	301.8	304.6	310.5
47.5°	265.4	277.0	287.9	298.0	306.7	314.5	321.4	328.0	337.6	345.3	352.9
45°	285.2	297.5	309.3	320.6	330.3	345.7	360.3	372.8	406.2	434.3	455.7
42.5°	303.7	318.5	331.9	350.7	371.2	406.8	461.7	512.6	611.1	737.8	843.6
40°	323.0	342.3	366.1	402.8	472.3	543.7	757.1	947.2	1134.2	1346.9	1529.2
37.5°	345.6	374.6	444.5	527.5	750.1	996.3	1298.7	1595.6	1854.0	2075.2	2259.9
35°	375.5	465.3	595.8	898.0	1226.9	1630.6	1979.2	2258.4	2513.7	2718.7	2872.9
32.5°	463.6	627.9	972.8	1388.4	1840.8	2230.8	2570.3	2837.6	3070.5	3254.2	3397.2
30°	592.6	970.3	1438.7	1936.4	2386.9	2759.4	3073.0	3327.9	3535.8	3722.6	3879.6
27.5°	899.2	1385.2	1935.7	2443.3	2853.1	3201.8	3483.2	3735.7	3964.9	4161.6	4347.1
25°	1234.6	1836.2	2391.5	2853.5	3236.0	3563.1	3859.9	4136.0	4392.7	4623.0	4838.8
22.5°	1637.5	2237.5	2768.2	3195.8	3566.4	3902.4	4217.7	4525.0	4823.7	5104.8	5365.9
20°	2002.2	2591.1	3053.9	3480.9	3865.9	4216.1	4563.6	4921.7	5266.4	5605.0	5919.4
17.5°	2286.5	2834.3	3298.9	3731.7	4123.6	4520.2	4917.9	5329.1	5745.0	6138.2	6514.3
15°	2523.8	3037.1	3507.9	3940.8	4371.7	4809.3	5253.5	5738.0	6232.6	6703.3	7182.6
12.5°	2692.0	3206.4	3683.7	4118.0	4601.2	5076.2	5593.2	6145.4	6716.7	7264.9	7853.7
10°	2827.3	3341.5	3814.8	4283.0	4794.4	5321.0	5901.0	6509.2	7190.9	7840.0	8474.4
7.5°	2943.4	3454.1	3920.0	4417.6	4955.1	5534.0	6164.7	6852.4	7590.2	8312.4	9067.5
5°	3028.3	3530.9	4001.9	4527.9	5078.7	5689.5	6368.1	7103.0	7894.2	8685.6	9432.3
2.5°	3073.2	3574.7	4052.8	4596.4	5151.2	5783.8	6490.5	7269.4	8105.2	8968.7	9704.9
0°	3072.2	3593.1	4072.3	4642.5	5204.5	5812.4	6543.2	7376.0	8191.3	9088.6	9844.5
-2.5°	3073.2	3574.7	4052.8	4596.4	5151.2	5783.8	6490.5	7269.4	8105.2	8968.7	9704.9
-5°	3028.3	3530.9	4001.9	4527.9	5078.7	5689.5	6368.1	7103.0	7894.2	8685.6	9432.3
-7.5°	2943.4	3454.1	3920.0	4417.6	4955.1	5534.0	6164.7	6852.4	7590.2	8312.4	9067.5
-10°	2827.3	3341.5	3814.8	4283.0	4794.4	5321.0	5901.0	6509.2	7190.9	7840.0	8474.4
-12.5°	2692.0	3206.4	3683.7	4118.0	4601.2	5076.2	5593.2	6145.4	6716.7	7264.9	7853.7
-15°	2523.8	3037.1	3507.9	3940.8	4371.7	4809.3	5253.5	5738.0	6232.6	6703.3	7182.6
-17.5°	2286.5	2834.3	3298.9	3731.7	4123.6	4520.2	4917.9	5329.1	5745.0	6138.2	6514.3
-20°	2002.2	2591.1	3053.9	3480.9	3865.9	4216.1	4563.6	4921.7	5266.4	5605.0	5919.4



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1637.5	2237.5	2768.2	3195.8	3566.4	3902.4	4217.7	4525.0	4823.7	5104.8	5365.9
-25°	1234.6	1836.2	2391.5	2853.5	3236.0	3563.1	3859.9	4136.0	4392.7	4623.0	4838.8
-27.5°	899.2	1385.2	1935.7	2443.3	2853.1	3201.8	3483.2	3735.7	3964.9	4161.6	4347.1
-30°	592.6	970.3	1438.7	1936.4	2386.9	2759.4	3073.0	3327.9	3535.8	3722.6	3879.6
-32.5°	463.6	627.9	972.8	1388.4	1840.8	2230.8	2570.3	2837.6	3070.5	3254.2	3397.2
-35°	375.5	465.3	595.8	898.0	1226.9	1630.6	1979.2	2258.4	2513.7	2718.7	2872.9
-37.5°	345.6	374.6	444.5	527.5	750.1	996.3	1298.7	1595.6	1854.0	2075.2	2259.9
-40°	323.0	342.3	366.1	402.8	472.3	543.7	757.1	947.2	1134.2	1346.9	1529.2
-42.5°	303.7	318.5	331.9	350.7	371.2	406.8	461.7	512.6	611.1	737.8	843.6
-45°	285.2	297.5	309.3	320.6	330.3	345.7	360.3	372.8	406.2	434.3	455.7
-47.5°	265.4	277.0	287.9	298.0	306.7	314.5	321.4	328.0	337.6	345.3	352.9
-50°	244.9	255.3	265.5	274.4	280.4	287.4	295.3	299.2	301.8	304.6	310.5
-52.5°	223.4	232.1	241.2	248.1	252.6	256.8	260.7	265.0	268.0	269.4	274.7
-55°	200.1	207.4	214.9	220.7	225.0	227.8	231.0	235.9	238.8	239.9	245.3
-57.5°	177.0	182.6	188.1	194.6	199.1	201.8	206.0	211.1	215.1	218.2	222.8
-60°	154.7	159.9	165.2	170.7	175.4	179.4	183.7	188.0	191.9	195.5	199.0
-62.5°	132.8	139.1	142.5	146.5	151.7	156.4	158.2	160.7	163.7	167.2	171.3
-65°	107.4	112.5	117.2	119.6	120.0	122.6	126.8	129.5	130.9	132.0	133.3
-67.5°	89.1	91.2	94.4	96.9	99.5	101.3	103.2	104.6	105.7	107.0	108.4
-70°	74.5	76.9	79.6	82.2	84.6	86.3	87.4	88.2	88.9	88.4	88.1
-72.5°	62.1	65.2	67.4	69.6	71.5	72.8	73.6	74.1	74.5	69.9	63.3
-75°	50.9	54.1	55.9	57.6	59.2	60.1	60.6	61.0	61.1	55.8	48.9
-77.5°	41.1	43.2	44.3	45.4	46.4	46.8	47.1	47.4	47.6	43.2	37.6
-80°	28.4	29.8	30.6	31.3	31.9	31.9	31.5	30.7	29.7	27.1	24.3
-82.5°	16.9	17.1	17.1	17.0	17.0	17.7	18.4	19.0	19.5	18.0	16.3
-85°	7.5	7.3	6.9	6.4	5.8	6.1	6.4	6.8	7.1	6.6	6.1
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.4	1.2
-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: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-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°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.6	1.6
85°	5.6	5.0	5.0	5.0	5.0	5.0	5.6	6.1	6.6	7.1	6.8
82.5°	14.4	12.4	12.5	12.5	12.5	12.4	14.4	16.3	18.0	19.5	19.0
80°	21.4	18.4	18.8	19.2	18.8	18.4	21.4	24.3	27.1	29.7	30.7
77.5°	31.6	25.3	25.1	25.1	25.1	25.3	31.6	37.6	43.2	47.6	47.4
75°	41.9	34.6	34.2	34.3	34.2	34.6	41.9	48.9	55.8	61.1	61.0
72.5°	56.5	49.6	46.5	43.5	46.5	49.6	56.5	63.3	69.9	74.5	74.1
70°	88.1	88.4	85.3	81.1	85.3	88.4	88.1	88.1	88.4	88.9	88.2
67.5°	109.5	110.4	111.7	112.9	111.7	110.4	109.5	108.4	107.0	105.7	104.6
65°	133.9	133.9	134.4	134.6	134.4	133.9	133.9	133.3	132.0	130.9	129.5
62.5°	174.8	177.7	179.6	180.6	179.6	177.7	174.8	171.3	167.2	163.7	160.7
60°	201.9	204.2	207.5	210.7	207.5	204.2	201.9	199.0	195.5	191.9	188.0
57.5°	227.2	231.1	234.3	236.6	234.3	231.1	227.2	222.8	218.2	215.1	211.1
55°	250.5	255.0	259.4	263.4	259.4	255.0	250.5	245.3	239.9	238.8	235.9
52.5°	279.8	283.6	289.8	297.7	289.8	283.6	279.8	274.7	269.4	268.0	265.0
50°	317.3	323.0	330.9	340.3	330.9	323.0	317.3	310.5	304.6	301.8	299.2
47.5°	360.6	366.3	373.8	383.8	373.8	366.3	360.6	352.9	345.3	337.6	328.0
45°	475.2	488.6	500.8	514.3	500.8	488.6	475.2	455.7	434.3	406.2	372.8
42.5°	928.4	987.1	1012.4	997.6	1012.4	987.1	928.4	843.6	737.8	611.1	512.6
40°	1668.1	1765.6	1823.0	1843.0	1823.0	1765.6	1668.1	1529.2	1346.9	1134.2	947.2
37.5°	2394.8	2484.5	2532.9	2538.7	2532.9	2484.5	2394.8	2259.9	2075.2	1854.0	1595.6
35°	2984.3	3058.2	3102.0	3134.9	3102.0	3058.2	2984.3	2872.9	2718.7	2513.7	2258.4
32.5°	3513.7	3597.9	3646.6	3635.8	3646.6	3597.9	3513.7	3397.2	3254.2	3070.5	2837.6
30°	4008.2	4100.3	4157.6	4159.2	4157.6	4100.3	4008.2	3879.6	3722.6	3535.8	3327.9
27.5°	4497.1	4600.5	4660.2	4706.9	4660.2	4600.5	4497.1	4347.1	4161.6	3964.9	3735.7
25°	5018.7	5147.6	5224.1	5270.5	5224.1	5147.6	5018.7	4838.8	4623.0	4392.7	4136.0
22.5°	5581.1	5740.8	5845.7	5889.3	5845.7	5740.8	5581.1	5365.9	5104.8	4823.7	4525.0
20°	6192.8	6390.7	6524.7	6520.6	6524.7	6390.7	6192.8	5919.4	5605.0	5266.4	4921.7
17.5°	6875.4	7130.7	7303.4	7328.4	7303.4	7130.7	6875.4	6514.3	6138.2	5745.0	5329.1
15°	7607.2	7936.3	8159.7	8229.0	8159.7	7936.3	7607.2	7182.6	6703.3	6232.6	5738.0
12.5°	8357.1	8748.5	9046.4	9145.4	9046.4	8748.5	8357.1	7853.7	7264.9	6716.7	6145.4
10°	9071.6	9505.1	9828.5	9971.6	9828.5	9505.1	9071.6	8474.4	7840.0	7190.9	6509.2
7.5°	9668.8	10109.4	10442.5	10560.3	10442.5	10109.4	9668.8	9067.5	8312.4	7590.2	6852.4
5°	10062.4	10543.7	10802.6	10948.3	10802.6	10543.7	10062.4	9432.3	8685.6	7894.2	7103.0
2.5°	10325.3	10733.5	10995.7	11129.7	10995.7	10733.5	10325.3	9704.9	8968.7	8105.2	7269.4
0°	10464.9	10880.5	11072.8	11138.1	11072.8	10880.5	10464.9	9844.5	9088.6	8191.3	7376.0
-2.5°	10325.3	10733.5	10995.7	11129.7	10995.7	10733.5	10325.3	9704.9	8968.7	8105.2	7269.4
-5°	10062.4	10543.7	10802.6	10948.3	10802.6	10543.7	10062.4	9432.3	8685.6	7894.2	7103.0
-7.5°	9668.8	10109.4	10442.5	10560.3	10442.5	10109.4	9668.8	9067.5	8312.4	7590.2	6852.4
-10°	9071.6	9505.1	9828.5	9971.6	9828.5	9505.1	9071.6	8474.4	7840.0	7190.9	6509.2
-12.5°	8357.1	8748.5	9046.4	9145.4	9046.4	8748.5	8357.1	7853.7	7264.9	6716.7	6145.4
-15°	7607.2	7936.3	8159.7	8229.0	8159.7	7936.3	7607.2	7182.6	6703.3	6232.6	5738.0
-17.5°	6875.4	7130.7	7303.4	7328.4	7303.4	7130.7	6875.4	6514.3	6138.2	5745.0	5329.1
-20°	6192.8	6390.7	6524.7	6520.6	6524.7	6390.7	6192.8	5919.4	5605.0	5266.4	4921.7



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5581.1	5740.8	5845.7	5889.3	5845.7	5740.8	5581.1	5365.9	5104.8	4823.7	4525.0
-25°	5018.7	5147.6	5224.1	5270.5	5224.1	5147.6	5018.7	4838.8	4623.0	4392.7	4136.0
-27.5°	4497.1	4600.5	4660.2	4706.9	4660.2	4600.5	4497.1	4347.1	4161.6	3964.9	3735.7
-30°	4008.2	4100.3	4157.6	4159.2	4157.6	4100.3	4008.2	3879.6	3722.6	3535.8	3327.9
-32.5°	3513.7	3597.9	3646.6	3635.8	3646.6	3597.9	3513.7	3397.2	3254.2	3070.5	2837.6
-35°	2984.3	3058.2	3102.0	3134.9	3102.0	3058.2	2984.3	2872.9	2718.7	2513.7	2258.4
-37.5°	2394.8	2484.5	2532.9	2538.7	2532.9	2484.5	2394.8	2259.9	2075.2	1854.0	1595.6
-40°	1668.1	1765.6	1823.0	1843.0	1823.0	1765.6	1668.1	1529.2	1346.9	1134.2	947.2
-42.5°	928.4	987.1	1012.4	997.6	1012.4	987.1	928.4	843.6	737.8	611.1	512.6
-45°	475.2	488.6	500.8	514.3	500.8	488.6	475.2	455.7	434.3	406.2	372.8
-47.5°	360.6	366.3	373.8	383.8	373.8	366.3	360.6	352.9	345.3	337.6	328.0
-50°	317.3	323.0	330.9	340.3	330.9	323.0	317.3	310.5	304.6	301.8	299.2
-52.5°	279.8	283.6	289.8	297.7	289.8	283.6	279.8	274.7	269.4	268.0	265.0
-55°	250.5	255.0	259.4	263.4	259.4	255.0	250.5	245.3	239.9	238.8	235.9
-57.5°	227.2	231.1	234.3	236.6	234.3	231.1	227.2	222.8	218.2	215.1	211.1
-60°	201.9	204.2	207.5	210.7	207.5	204.2	201.9	199.0	195.5	191.9	188.0
-62.5°	174.8	177.7	179.6	180.6	179.6	177.7	174.8	171.3	167.2	163.7	160.7
-65°	133.9	133.9	134.4	134.6	134.4	133.9	133.9	133.3	132.0	130.9	129.5
-67.5°	109.5	110.4	111.7	112.9	111.7	110.4	109.5	108.4	107.0	105.7	104.6
-70°	88.1	88.4	85.3	81.1	85.3	88.4	88.1	88.1	88.4	88.9	88.2
-72.5°	56.5	49.6	46.5	43.5	46.5	49.6	56.5	63.3	69.9	74.5	74.1
-75°	41.9	34.6	34.2	34.3	34.2	34.6	41.9	48.9	55.8	61.1	61.0
-77.5°	31.6	25.3	25.1	25.1	25.1	25.3	31.6	37.6	43.2	47.6	47.4
-80°	21.4	18.4	18.8	19.2	18.8	18.4	21.4	24.3	27.1	29.7	30.7
-82.5°	14.4	12.4	12.5	12.5	12.5	12.4	14.4	16.3	18.0	19.5	19.0
-85°	5.6	5.0	5.0	5.0	5.0	5.0	5.6	6.1	6.6	7.1	6.8
-87.5°	1.0	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4	1.6	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



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	6.4	6.1	5.8	6.4	6.9	7.3	7.5	6.7	5.9	5.2	4.5
82.5°	18.4	17.7	17.0	17.0	17.1	17.1	16.9	14.8	12.9	11.1	9.6
80°	31.5	31.9	31.9	31.3	30.6	29.8	28.4	24.7	21.3	18.4	16.4
77.5°	47.1	46.8	46.4	45.4	44.3	43.2	41.1	35.6	30.2	25.4	22.9
75°	60.6	60.1	59.2	57.6	55.9	54.1	50.9	45.5	39.7	33.8	30.6
72.5°	73.6	72.8	71.5	69.6	67.4	65.2	62.1	57.4	51.5	44.4	40.9
70°	87.4	86.3	84.6	82.2	79.6	76.9	74.5	71.1	66.3	60.2	56.8
67.5°	103.2	101.3	99.5	96.9	94.4	91.2	89.1	86.2	82.5	77.4	73.6
65°	126.8	122.6	120.0	119.6	117.2	112.5	107.4	104.1	100.6	95.7	90.4
62.5°	158.2	156.4	151.7	146.5	142.5	139.1	132.8	125.9	119.9	114.5	108.1
60°	183.7	179.4	175.4	170.7	165.2	159.9	154.7	147.9	139.4	132.6	125.6
57.5°	206.0	201.8	199.1	194.6	188.1	182.6	177.0	170.1	161.8	151.9	143.1
55°	231.0	227.8	225.0	220.7	214.9	207.4	200.1	192.8	183.5	171.6	160.8
52.5°	260.7	256.8	252.6	248.1	241.2	232.1	223.4	214.7	203.9	191.0	177.9
50°	295.3	287.4	280.4	274.4	265.5	255.3	244.9	235.1	222.4	209.1	195.4
47.5°	321.4	314.5	306.7	298.0	287.9	277.0	265.4	253.1	239.8	225.9	211.5
45°	360.3	345.7	330.3	320.6	309.3	297.5	285.2	271.1	256.5	241.8	226.6
42.5°	461.7	406.8	371.2	350.7	331.9	318.5	303.7	288.5	273.0	257.2	241.2
40°	757.1	543.7	472.3	402.8	366.1	342.3	323.0	305.3	288.8	272.1	255.2
37.5°	1298.7	996.3	750.1	527.5	444.5	374.6	345.6	322.7	304.0	286.6	268.8
35°	1979.2	1630.6	1226.9	898.0	595.8	465.3	375.5	343.3	319.4	300.5	281.8
32.5°	2570.3	2230.8	1840.8	1388.4	972.8	627.9	463.6	370.8	336.4	314.3	294.4
30°	3073.0	2759.4	2386.9	1936.4	1438.7	970.3	592.6	441.1	361.8	327.4	306.5
27.5°	3483.2	3201.8	2853.1	2443.3	1935.7	1385.2	899.2	528.6	399.9	347.2	317.9
25°	3859.9	3563.1	3236.0	2853.5	2391.5	1836.2	1234.6	759.2	474.8	368.2	328.6
22.5°	4217.7	3902.4	3566.4	3195.8	2768.2	2237.5	1637.5	1015.7	550.4	406.4	345.1
20°	4563.6	4216.1	3865.9	3480.9	3053.9	2591.1	2002.2	1323.1	766.4	464.4	360.8
17.5°	4917.9	4520.2	4123.6	3731.7	3298.9	2834.3	2286.5	1632.2	954.1	516.6	374.4
15°	5253.5	4809.3	4371.7	3940.8	3507.9	3037.1	2523.8	1907.5	1140.4	622.1	413.0
12.5°	5593.2	5076.2	4601.2	4118.0	3683.7	3206.4	2692.0	2095.5	1358.9	751.4	451.3
10°	5901.0	5321.0	4794.4	4283.0	3814.8	3341.5	2827.3	2246.5	1538.7	857.7	482.8
7.5°	6164.7	5534.0	4955.1	4417.6	3920.0	3454.1	2943.4	2367.0	1674.1	939.8	507.4
5°	6368.1	5689.5	5078.7	4527.9	4001.9	3530.9	3028.3	2454.7	1765.3	997.5	525.1
2.5°	6490.5	5783.8	5151.2	4596.4	4052.8	3574.7	3073.2	2510.9	1823.4	1034.7	538.1
0°	6543.2	5812.4	5204.5	4642.5	4072.3	3593.1	3072.2	2532.0	1844.6	1048.6	544.4
-2.5°	6490.5	5783.8	5151.2	4596.4	4052.8	3574.7	3073.2	2510.9	1823.4	1034.7	538.1
-5°	6368.1	5689.5	5078.7	4527.9	4001.9	3530.9	3028.3	2454.7	1765.3	997.5	525.1
-7.5°	6164.7	5534.0	4955.1	4417.6	3920.0	3454.1	2943.4	2367.0	1674.1	939.8	507.4
-10°	5901.0	5321.0	4794.4	4283.0	3814.8	3341.5	2827.3	2246.5	1538.7	857.7	482.8
-12.5°	5593.2	5076.2	4601.2	4118.0	3683.7	3206.4	2692.0	2095.5	1358.9	751.4	451.3
-15°	5253.5	4809.3	4371.7	3940.8	3507.9	3037.1	2523.8	1907.5	1140.4	622.1	413.0
-17.5°	4917.9	4520.2	4123.6	3731.7	3298.9	2834.3	2286.5	1632.2	954.1	516.6	374.4
-20°	4563.6	4216.1	3865.9	3480.9	3053.9	2591.1	2002.2	1323.1	766.4	464.4	360.8



REPORT NUMBER: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4217.7	3902.4	3566.4	3195.8	2768.2	2237.5	1637.5	1015.7	550.4	406.4	345.1
-25°	3859.9	3563.1	3236.0	2853.5	2391.5	1836.2	1234.6	759.2	474.8	368.2	328.6
-27.5°	3483.2	3201.8	2853.1	2443.3	1935.7	1385.2	899.2	528.6	399.9	347.2	317.9
-30°	3073.0	2759.4	2386.9	1936.4	1438.7	970.3	592.6	441.1	361.8	327.4	306.5
-32.5°	2570.3	2230.8	1840.8	1388.4	972.8	627.9	463.6	370.8	336.4	314.3	294.4
-35°	1979.2	1630.6	1226.9	898.0	595.8	465.3	375.5	343.3	319.4	300.5	281.8
-37.5°	1298.7	996.3	750.1	527.5	444.5	374.6	345.6	322.7	304.0	286.6	268.8
-40°	757.1	543.7	472.3	402.8	366.1	342.3	323.0	305.3	288.8	272.1	255.2
-42.5°	461.7	406.8	371.2	350.7	331.9	318.5	303.7	288.5	273.0	257.2	241.2
-45°	360.3	345.7	330.3	320.6	309.3	297.5	285.2	271.1	256.5	241.8	226.6
-47.5°	321.4	314.5	306.7	298.0	287.9	277.0	265.4	253.1	239.8	225.9	211.5
-50°	295.3	287.4	280.4	274.4	265.5	255.3	244.9	235.1	222.4	209.1	195.4
-52.5°	260.7	256.8	252.6	248.1	241.2	232.1	223.4	214.7	203.9	191.0	177.9
-55°	231.0	227.8	225.0	220.7	214.9	207.4	200.1	192.8	183.5	171.6	160.8
-57.5°	206.0	201.8	199.1	194.6	188.1	182.6	177.0	170.1	161.8	151.9	143.1
-60°	183.7	179.4	175.4	170.7	165.2	159.9	154.7	147.9	139.4	132.6	125.6
-62.5°	158.2	156.4	151.7	146.5	142.5	139.1	132.8	125.9	119.9	114.5	108.1
-65°	126.8	122.6	120.0	119.6	117.2	112.5	107.4	104.1	100.6	95.7	90.4
-67.5°	103.2	101.3	99.5	96.9	94.4	91.2	89.1	86.2	82.5	77.4	73.6
-70°	87.4	86.3	84.6	82.2	79.6	76.9	74.5	71.1	66.3	60.2	56.8
-72.5°	73.6	72.8	71.5	69.6	67.4	65.2	62.1	57.4	51.5	44.4	40.9
-75°	60.6	60.1	59.2	57.6	55.9	54.1	50.9	45.5	39.7	33.8	30.6
-77.5°	47.1	46.8	46.4	45.4	44.3	43.2	41.1	35.6	30.2	25.4	22.9
-80°	31.5	31.9	31.9	31.3	30.6	29.8	28.4	24.7	21.3	18.4	16.4
-82.5°	18.4	17.7	17.0	17.0	17.1	17.1	16.9	14.8	12.9	11.1	9.6
-85°	6.4	6.1	5.8	6.4	6.9	7.3	7.5	6.7	5.9	5.2	4.5
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
-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: P558669 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-935-U-MWR-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°	1.4	1.6	1.8	1.9	2.0	2.1	2.1	2.1	2.0	1.9	1.7
85°	4.8	4.9	4.9	4.8	4.5	4.2	4.2	4.2	4.0	3.7	3.4
82.5°	10.0	10.4	10.6	10.6	9.9	9.2	8.5	7.7	6.9	5.8	5.1
80°	17.3	17.8	18.0	17.5	15.9	14.2	13.1	12.0	11.1	9.9	8.3
77.5°	24.6	25.7	26.2	25.6	23.3	21.0	18.7	16.7	15.5	14.1	12.3
75°	32.1	33.8	34.8	34.2	31.3	27.7	24.8	22.4	20.7	18.4	16.3
72.5°	41.7	42.5	43.4	43.2	40.7	37.1	32.4	28.2	26.3	23.7	20.5
70°	54.5	52.1	51.5	51.2	49.6	46.9	42.1	36.6	32.0	29.1	25.4
67.5°	70.2	66.9	63.5	59.9	58.0	55.5	51.8	45.3	39.2	34.4	30.4
65°	85.6	81.3	77.1	71.9	67.5	64.2	60.3	53.4	46.1	40.1	35.4
62.5°	101.5	95.0	89.4	83.3	77.6	72.9	68.8	60.9	52.8	45.5	39.9
60°	118.0	110.3	101.8	94.5	87.5	81.3	75.7	68.4	59.5	50.6	44.0
57.5°	134.8	125.7	115.4	105.8	97.5	89.8	82.4	74.8	66.2	56.3	47.6
55°	151.3	141.4	129.0	117.5	107.5	98.7	89.3	80.8	72.4	62.2	50.3
52.5°	166.1	155.7	143.3	129.5	117.5	107.2	96.9	86.7	77.7	67.9	53.9
50°	181.2	168.3	156.5	142.7	127.5	115.6	104.1	93.2	82.9	73.1	57.3
47.5°	196.9	181.8	168.0	155.1	139.5	123.7	111.5	99.5	88.0	77.6	60.2
45°	211.4	195.8	179.9	165.6	150.8	133.1	118.7	105.6	93.5	79.9	62.8
42.5°	225.1	208.7	192.2	175.7	160.2	142.4	125.6	111.9	98.7	81.7	64.6
40°	238.2	221.0	203.7	186.5	169.6	150.9	133.2	117.9	103.3	83.3	65.7
37.5°	250.7	232.6	214.5	196.9	179.1	159.7	140.1	123.7	105.6	85.0	66.6
35°	262.8	243.7	225.3	206.8	188.2	168.6	146.4	129.2	109.0	86.4	67.0
32.5°	274.3	254.5	235.5	216.4	196.8	177.5	153.4	134.3	113.1	87.6	67.1
30°	285.4	265.0	245.1	225.5	204.9	185.0	161.3	139.2	117.9	88.5	67.1
27.5°	296.1	274.7	254.1	233.8	212.8	191.8	169.0	144.1	123.3	90.2	67.6
25°	305.9	283.8	262.4	241.5	220.2	198.4	176.1	148.9	127.8	93.8	67.7
22.5°	315.1	292.0	269.9	248.5	227.4	204.8	182.1	154.8	131.5	97.6	67.7
20°	323.4	299.3	276.9	255.9	234.0	210.9	187.3	160.1	134.9	101.5	67.3
17.5°	331.6	307.0	285.0	263.0	240.0	216.4	192.0	164.9	138.2	105.3	66.7
15°	344.7	315.3	292.4	269.6	245.7	221.3	196.4	169.1	141.1	108.9	66.5
12.5°	356.4	322.7	299.0	275.7	250.8	225.6	200.3	172.7	143.7	111.5	66.8
10°	366.3	329.1	304.9	281.2	255.4	229.4	203.8	175.7	145.8	112.5	66.6
7.5°	374.4	334.7	309.9	286.1	259.6	232.9	207.0	178.3	147.9	112.6	66.1
5°	381.4	340.7	316.2	291.5	264.6	236.5	209.7	180.3	149.8	111.8	65.2
2.5°	389.3	348.1	323.3	296.3	269.0	239.4	211.8	181.6	151.3	110.3	64.1
0°	395.5	354.5	329.5	300.2	272.6	241.7	213.2	182.3	152.2	107.9	62.7
-2.5°	389.3	348.1	323.3	296.3	269.0	239.4	211.8	181.6	151.3	110.3	64.1
-5°	381.4	340.7	316.2	291.5	264.6	236.5	209.7	180.3	149.8	111.8	65.2
-7.5°	374.4	334.7	309.9	286.1	259.6	232.9	207.0	178.3	147.9	112.6	66.1
-10°	366.3	329.1	304.9	281.2	255.4	229.4	203.8	175.7	145.8	112.5	66.6
-12.5°	356.4	322.7	299.0	275.7	250.8	225.6	200.3	172.7	143.7	111.5	66.8
-15°	344.7	315.3	292.4	269.6	245.7	221.3	196.4	169.1	141.1	108.9	66.5
-17.5°	331.6	307.0	285.0	263.0	240.0	216.4	192.0	164.9	138.2	105.3	66.7
-20°	323.4	299.3	276.9	255.9	234.0	210.9	187.3	160.1	134.9	101.5	67.3



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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°	315.1	292.0	269.9	248.5	227.4	204.8	182.1	154.8	131.5	97.6	67.7
-25°	305.9	283.8	262.4	241.5	220.2	198.4	176.1	148.9	127.8	93.8	67.7
-27.5°	296.1	274.7	254.1	233.8	212.8	191.8	169.0	144.1	123.3	90.2	67.6
-30°	285.4	265.0	245.1	225.5	204.9	185.0	161.3	139.2	117.9	88.5	67.1
-32.5°	274.3	254.5	235.5	216.4	196.8	177.5	153.4	134.3	113.1	87.6	67.1
-35°	262.8	243.7	225.3	206.8	188.2	168.6	146.4	129.2	109.0	86.4	67.0
-37.5°	250.7	232.6	214.5	196.9	179.1	159.7	140.1	123.7	105.6	85.0	66.6
-40°	238.2	221.0	203.7	186.5	169.6	150.9	133.2	117.9	103.3	83.3	65.7
-42.5°	225.1	208.7	192.2	175.7	160.2	142.4	125.6	111.9	98.7	81.7	64.6
-45°	211.4	195.8	179.9	165.6	150.8	133.1	118.7	105.6	93.5	79.9	62.8
-47.5°	196.9	181.8	168.0	155.1	139.5	123.7	111.5	99.5	88.0	77.6	60.2
-50°	181.2	168.3	156.5	142.7	127.5	115.6	104.1	93.2	82.9	73.1	57.3
-52.5°	166.1	155.7	143.3	129.5	117.5	107.2	96.9	86.7	77.7	67.9	53.9
-55°	151.3	141.4	129.0	117.5	107.5	98.7	89.3	80.8	72.4	62.2	50.3
-57.5°	134.8	125.7	115.4	105.8	97.5	89.8	82.4	74.8	66.2	56.3	47.6
-60°	118.0	110.3	101.8	94.5	87.5	81.3	75.7	68.4	59.5	50.6	44.0
-62.5°	101.5	95.0	89.4	83.3	77.6	72.9	68.8	60.9	52.8	45.5	39.9
-65°	85.6	81.3	77.1	71.9	67.5	64.2	60.3	53.4	46.1	40.1	35.4
-67.5°	70.2	66.9	63.5	59.9	58.0	55.5	51.8	45.3	39.2	34.4	30.4
-70°	54.5	52.1	51.5	51.2	49.6	46.9	42.1	36.6	32.0	29.1	25.4
-72.5°	41.7	42.5	43.4	43.2	40.7	37.1	32.4	28.2	26.3	23.7	20.5
-75°	32.1	33.8	34.8	34.2	31.3	27.7	24.8	22.4	20.7	18.4	16.3
-77.5°	24.6	25.7	26.2	25.6	23.3	21.0	18.7	16.7	15.5	14.1	12.3
-80°	17.3	17.8	18.0	17.5	15.9	14.2	13.1	12.0	11.1	9.9	8.3
-82.5°	10.0	10.4	10.6	10.6	9.9	9.2	8.5	7.7	6.9	5.8	5.1
-85°	4.8	4.9	4.9	4.8	4.5	4.2	4.2	4.2	4.0	3.7	3.4
-87.5°	1.4	1.6	1.8	1.9	2.0	2.1	2.1	2.1	2.0	1.9	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
85°	3.0	2.4	1.7	1.2	0.7	0.4	0.0
82.5°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
80°	6.3	4.7	3.5	2.4	1.5	0.7	0.0
77.5°	9.8	6.4	4.3	3.0	1.8	0.9	0.0
75°	13.3	9.1	5.4	3.5	2.2	1.1	0.0
72.5°	16.7	11.7	7.3	4.1	2.5	1.3	0.0
70°	20.1	14.3	9.2	4.8	2.9	1.4	0.0
67.5°	24.1	16.8	11.1	6.1	3.2	1.6	0.0
65°	27.9	19.5	12.9	7.4	3.5	1.8	0.0
62.5°	31.5	22.3	14.6	8.6	3.9	1.9	0.0
60°	34.9	25.0	16.3	9.7	4.2	2.1	0.0
57.5°	37.3	27.5	18.2	10.9	4.9	2.3	0.0
55°	39.3	29.9	20.0	11.9	5.6	2.4	0.0
52.5°	41.0	32.0	21.7	12.9	6.3	2.6	0.0
50°	42.4	33.0	23.3	13.9	7.0	2.7	0.0
47.5°	43.7	33.8	24.7	14.8	7.6	2.8	0.0
45°	45.8	34.4	26.1	15.8	8.2	3.0	0.0
42.5°	47.6	34.9	27.3	16.7	8.8	3.1	0.0
40°	49.1	35.1	27.9	17.7	9.4	3.2	0.0
37.5°	50.2	35.1	28.0	18.7	9.9	3.3	0.0
35°	51.0	35.5	28.0	19.6	10.4	3.4	0.0
32.5°	51.4	36.1	27.8	20.6	10.8	3.5	0.0
30°	51.4	36.4	27.5	21.5	11.2	3.6	0.0
27.5°	51.1	36.5	27.8	22.3	11.6	3.7	0.0
25°	50.5	36.4	28.2	23.2	11.9	3.8	0.0
22.5°	49.7	36.5	28.4	24.0	12.3	3.9	0.0
20°	48.6	37.4	28.7	24.7	12.5	3.9	0.0
17.5°	48.7	38.3	28.8	25.4	12.8	4.0	0.0
15°	49.4	39.0	29.0	26.0	13.0	4.1	0.0
12.5°	50.0	39.6	29.1	26.6	13.1	4.1	0.0
10°	50.5	40.1	29.2	27.1	13.3	4.1	0.0
7.5°	50.8	40.5	29.2	27.5	13.3	4.2	0.0
5°	51.0	40.8	29.3	27.9	13.4	4.2	0.0
2.5°	51.0	40.9	29.3	28.2	13.4	4.2	0.0
0°	51.0	41.0	29.3	28.4	13.4	4.2	0.0
-2.5°	51.0	40.9	29.3	28.2	13.4	4.2	0.0
-5°	51.0	40.8	29.3	27.9	13.4	4.2	0.0
-7.5°	50.8	40.5	29.2	27.5	13.3	4.2	0.0
-10°	50.5	40.1	29.2	27.1	13.3	4.1	0.0
-12.5°	50.0	39.6	29.1	26.6	13.1	4.1	0.0
-15°	49.4	39.0	29.0	26.0	13.0	4.1	0.0
-17.5°	48.7	38.3	28.8	25.4	12.8	4.0	0.0
-20°	48.6	37.4	28.7	24.7	12.5	3.9	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.7	36.5	28.4	24.0	12.3	3.9	0.0
-25°	50.5	36.4	28.2	23.2	11.9	3.8	0.0
-27.5°	51.1	36.5	27.8	22.3	11.6	3.7	0.0
-30°	51.4	36.4	27.5	21.5	11.2	3.6	0.0
-32.5°	51.4	36.1	27.8	20.6	10.8	3.5	0.0
-35°	51.0	35.5	28.0	19.6	10.4	3.4	0.0
-37.5°	50.2	35.1	28.0	18.7	9.9	3.3	0.0
-40°	49.1	35.1	27.9	17.7	9.4	3.2	0.0
-42.5°	47.6	34.9	27.3	16.7	8.8	3.1	0.0
-45°	45.8	34.4	26.1	15.8	8.2	3.0	0.0
-47.5°	43.7	33.8	24.7	14.8	7.6	2.8	0.0
-50°	42.4	33.0	23.3	13.9	7.0	2.7	0.0
-52.5°	41.0	32.0	21.7	12.9	6.3	2.6	0.0
-55°	39.3	29.9	20.0	11.9	5.6	2.4	0.0
-57.5°	37.3	27.5	18.2	10.9	4.9	2.3	0.0
-60°	34.9	25.0	16.3	9.7	4.2	2.1	0.0
-62.5°	31.5	22.3	14.6	8.6	3.9	1.9	0.0
-65°	27.9	19.5	12.9	7.4	3.5	1.8	0.0
-67.5°	24.1	16.8	11.1	6.1	3.2	1.6	0.0
-70°	20.1	14.3	9.2	4.8	2.9	1.4	0.0
-72.5°	16.7	11.7	7.3	4.1	2.5	1.3	0.0
-75°	13.3	9.1	5.4	3.5	2.2	1.1	0.0
-77.5°	9.8	6.4	4.3	3.0	1.8	0.9	0.0
-80°	6.3	4.7	3.5	2.4	1.5	0.7	0.0
-82.5°	4.6	3.5	2.6	1.8	1.1	0.5	0.0
-85°	3.0	2.4	1.7	1.2	0.7	0.4	0.0
-87.5°	1.5	1.2	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)