

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: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-935-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6E-935-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (96) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

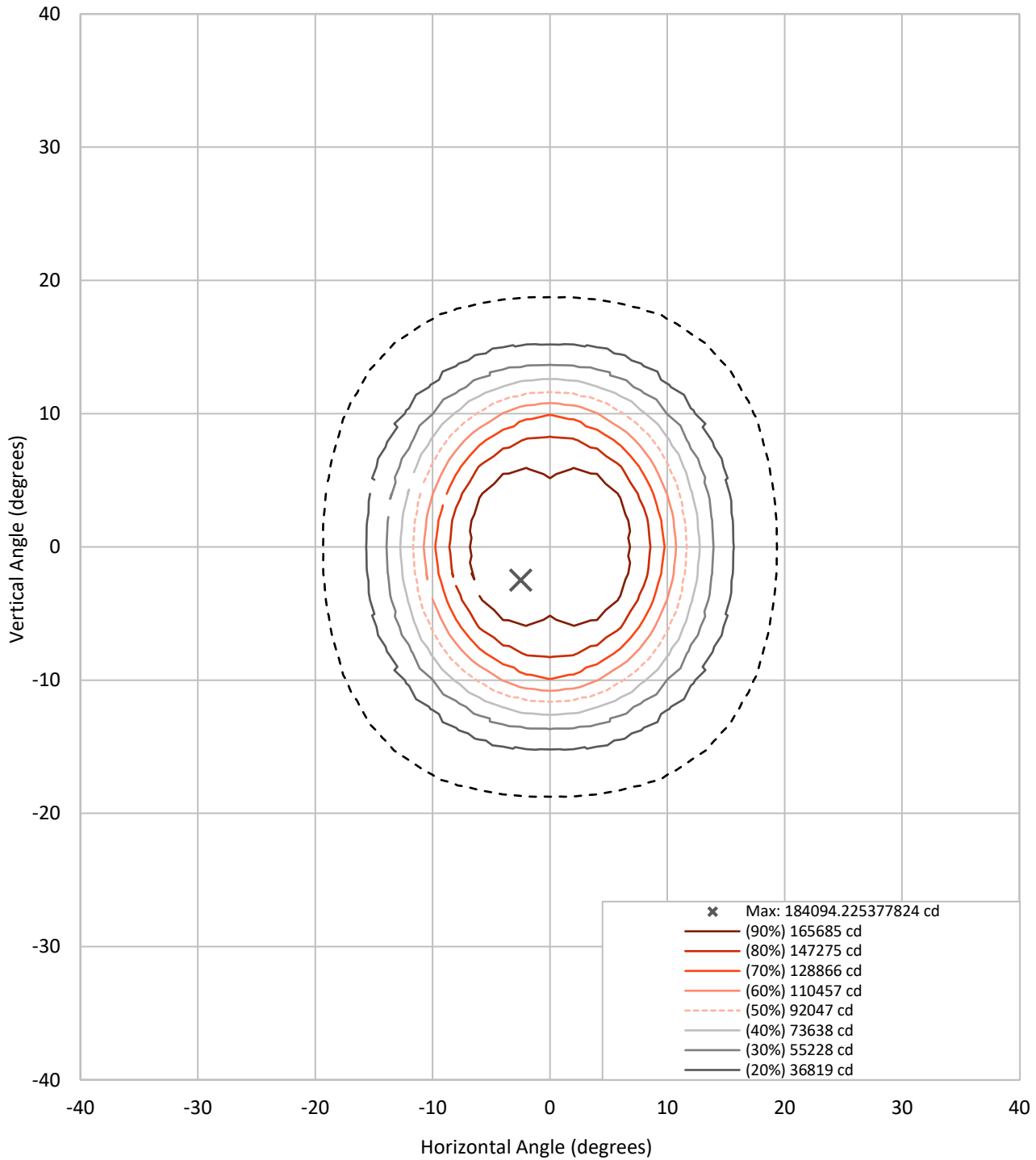
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	34812 lumens	Max Intensity:	184094.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	94.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	18793.9 lumens	Field Lumens:	28342.1 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 368  
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





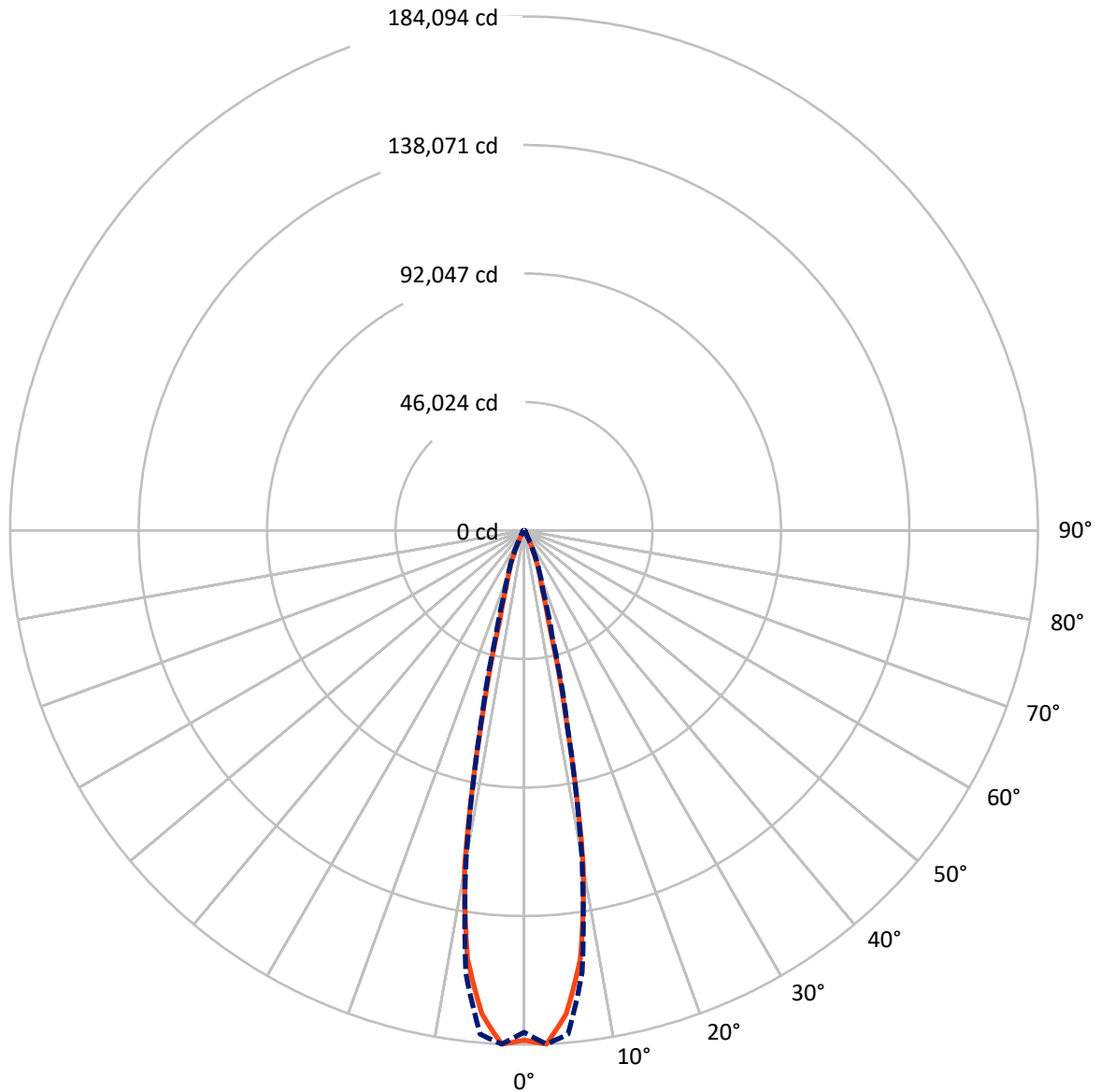
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### Lumen Table

90	0.4		3.5		9.4		15.0		17.4		15.0		9.4		3.5		0.4		
80	0.4		3.5		9.4		15.0		17.4		15.0		9.4		3.5		0.4		
70	1.6		1.8	3.8	6.1	8.4	10.4	11.9	12.6	12.6	11.9	10.4	8.4	6.1	3.8	1.8	1.6		
60	1.6		2.8	5.5	8.7	11.5	13.7	15.2	15.9	15.9	15.2	13.7	11.5	8.7	5.5	2.8	1.6		
50	2.9		3.6	7.0	10.5	13.4	16.4	18.8	20.0	20.0	18.8	16.4	13.4	10.5	7.0	3.6	2.9		
40	2.9		4.3	8.1	11.7	15.9	21.6	28.5	34.1	34.1	28.5	21.6	15.9	11.7	8.1	4.3	2.9		
30	3.9		4.9	8.8	13.0	19.7	35.6	106.9	208.3	208.3	106.9	35.6	19.7	13.0	8.8	4.9	3.9		
20	3.9		5.2	9.2	13.8	24.6	105.6	487.4	1253.3	1253.3	487.4	105.6	24.6	13.8	9.2	5.2	3.9		
10	4.2		5.4	9.3	14.5	29.4	205.7	1269.1	4483.7	4483.7	1269.1	205.7	29.4	14.5	9.3	5.4	4.2		
0	4.2		5.4	9.3	14.5	29.4	205.7	1269.1	4483.7	4483.7	1269.1	205.7	29.4	14.5	9.3	5.4	4.2		
-10	3.9		5.2	9.2	13.8	24.6	105.6	487.4	1253.3	1253.3	487.4	105.6	24.6	13.8	9.2	5.2	3.9		
-20	3.9		4.9	8.8	13.0	19.7	35.6	106.9	208.3	208.3	106.9	35.6	19.7	13.0	8.8	4.9	3.9		
-30	2.9		4.3	8.1	11.7	15.9	21.6	28.5	34.1	34.1	28.5	21.6	15.9	11.7	8.1	4.3	2.9		
-40	2.9		3.6	7.0	10.5	13.4	16.4	18.8	20.0	20.0	18.8	16.4	13.4	10.5	7.0	3.6	2.9		
-50	1.6		2.8	5.5	8.7	11.5	13.7	15.2	15.9	15.9	15.2	13.7	11.5	8.7	5.5	2.8	1.6		
-60	1.6		1.8	3.8	6.1	8.4	10.4	11.9	12.6	12.6	11.9	10.4	8.4	6.1	3.8	1.8	1.6		
-70	0.4		3.5		9.4		15.0		17.4		15.0		9.4		3.5		0.4		
-80	0.4		3.5		9.4		15.0		17.4		15.0		9.4		3.5		0.4		
-90	0.4		3.5		9.4		15.0		17.4		15.0		9.4		3.5		0.4		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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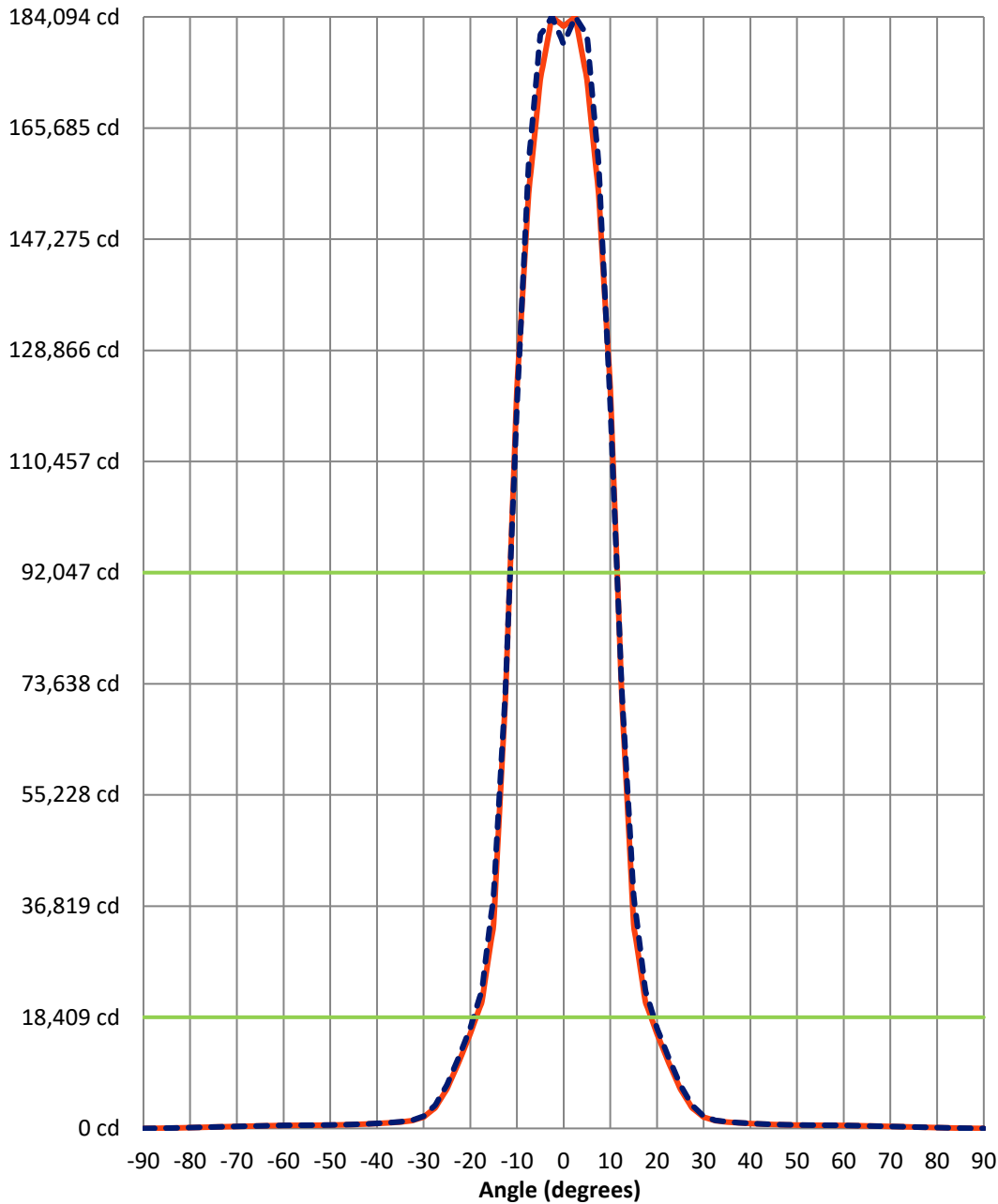
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 22.9°  
 V Angle: 22.9°  
 Lumens: 18793.9  
 Efficiency: 54.0%

**Field:**  
 H Angle: 38.6°  
 V Angle: 37.5°  
 Lumens: 28342.1  
 Efficiency: 81.4%

**Spill:**  
 Lumens: 6469.8  
 Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
 - - Horizontal Distribution through -2.5-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.7	2.5	3.4	4.2	5.0	5.9	6.7	7.5	8.2
85°	0.0	1.7	3.4	5.1	6.8	8.4	10.1	11.7	13.3	14.9	16.5
82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.1	17.5	20.2	24.1	28.1
80°	0.0	3.4	6.8	10.1	13.5	16.8	20.4	25.4	30.7	36.1	41.7
77.5°	0.0	4.2	8.4	12.6	16.8	21.7	27.9	34.3	41.0	48.0	55.5
75°	0.0	5.0	10.1	15.1	20.4	28.1	35.3	43.0	51.4	61.1	70.3
72.5°	0.0	5.9	11.7	17.5	25.6	34.4	42.7	52.3	63.8	74.7	85.0
70°	0.0	6.7	13.3	20.2	30.8	40.7	50.3	63.2	76.1	88.3	102.7
67.5°	0.0	7.5	14.9	24.1	35.9	46.9	59.8	74.1	88.3	104.7	120.9
65°	0.0	8.2	16.5	28.0	40.9	53.8	69.0	84.8	102.7	120.9	139.1
62.5°	0.0	9.0	18.0	31.7	45.8	61.2	78.1	96.7	116.8	137.0	158.0
60°	0.0	9.7	19.5	35.4	50.6	68.5	86.9	108.8	130.7	153.6	176.4
57.5°	0.0	10.5	21.9	39.1	56.2	75.5	96.9	120.7	145.0	169.9	194.5
55°	0.0	11.2	24.3	42.6	61.6	82.4	106.8	132.3	159.1	185.8	212.2
52.5°	0.0	11.9	26.6	46.1	66.8	89.2	116.5	144.3	172.9	201.3	229.4
50°	0.0	12.5	28.8	49.4	71.9	97.0	125.8	156.1	186.2	216.3	246.6
47.5°	0.0	13.2	30.9	52.8	76.7	104.5	134.9	167.5	199.1	230.9	263.5
45°	0.0	13.8	33.0	56.2	81.4	111.7	144.5	178.7	211.7	245.7	279.9
42.5°	0.0	14.4	34.9	59.6	85.8	118.6	153.7	189.3	223.9	260.0	294.6
40°	0.0	14.9	36.8	62.7	90.5	125.2	162.5	199.5	235.7	273.9	308.4
37.5°	0.0	15.5	38.6	65.6	95.5	131.4	171.0	209.1	247.3	286.5	321.4
35°	0.0	16.0	40.3	68.4	100.3	137.9	179.1	218.3	258.2	297.3	333.9
32.5°	0.0	16.4	41.9	71.0	104.7	144.2	186.7	226.9	268.4	307.5	345.9
30°	0.0	16.9	43.3	73.4	108.9	150.1	193.6	235.0	277.8	317.1	356.9
27.5°	0.0	17.3	44.7	75.7	112.8	155.7	200.0	242.7	286.2	326.0	366.8
25°	0.0	17.7	46.0	77.8	116.6	160.8	205.9	249.8	293.5	334.2	375.6
22.5°	0.0	18.0	47.1	79.7	120.0	165.5	211.4	256.2	300.1	341.6	383.3
20°	0.0	18.3	48.2	81.4	123.2	169.8	216.3	261.9	306.0	348.0	390.2
17.5°	0.0	18.6	49.1	82.9	126.0	173.5	220.6	266.9	311.3	353.5	396.3
15°	0.0	18.8	49.9	84.2	128.6	176.8	224.2	271.3	316.0	358.0	401.5
12.5°	0.0	19.0	50.6	85.3	130.8	179.5	227.3	274.9	319.9	361.8	405.8
10°	0.0	19.2	51.1	86.3	132.7	181.7	229.8	277.9	323.1	365.6	409.2
7.5°	0.0	19.3	51.5	87.0	134.3	183.4	231.8	280.3	325.6	368.9	411.8
5°	0.0	19.4	51.9	87.5	135.5	184.6	233.3	282.0	327.5	371.5	413.3
2.5°	0.0	19.5	52.0	87.8	136.3	185.4	234.1	283.0	328.5	373.4	413.9
0°	0.0	19.5	52.1	87.9	136.8	185.6	234.4	283.3	328.9	374.5	413.5
-2.5°	0.0	19.5	52.1	87.9	136.8	185.6	234.4	283.3	328.9	374.5	413.5
-5°	0.0	19.4	51.9	87.5	135.5	184.6	233.3	282.0	327.5	371.5	413.3
-7.5°	0.0	19.3	51.5	87.0	134.3	183.4	231.8	280.3	325.6	368.9	411.8
-10°	0.0	19.2	51.1	86.3	132.7	181.7	229.8	277.9	323.1	365.6	409.2
-12.5°	0.0	19.0	50.6	85.3	130.8	179.5	227.3	274.9	319.9	361.8	405.8
-15°	0.0	18.8	49.9	84.2	128.6	176.8	224.2	271.3	316.0	358.0	401.5
-17.5°	0.0	18.6	49.1	82.9	126.0	173.5	220.6	266.9	311.3	353.5	396.3
-20°	0.0	18.3	48.2	81.4	123.2	169.8	216.3	261.9	306.0	348.0	390.2



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	18.0	47.1	79.7	120.0	165.5	211.4	256.2	300.1	341.6	383.3
-25°	0.0	17.7	46.0	77.8	116.6	160.8	205.9	249.8	293.5	334.2	375.6
-27.5°	0.0	17.3	44.7	75.7	112.8	155.7	200.0	242.7	286.2	326.0	366.8
-30°	0.0	16.9	43.3	73.4	108.9	150.1	193.6	235.0	277.8	317.1	356.9
-32.5°	0.0	16.4	41.9	71.0	104.7	144.2	186.7	226.9	268.4	307.5	345.9
-35°	0.0	16.0	40.3	68.4	100.3	137.9	179.1	218.3	258.2	297.3	333.9
-37.5°	0.0	15.5	38.6	65.6	95.5	131.4	171.0	209.1	247.3	286.5	321.4
-40°	0.0	14.9	36.8	62.7	90.5	125.2	162.5	199.5	235.7	273.9	308.4
-42.5°	0.0	14.4	34.9	59.6	85.8	118.6	153.7	189.3	223.9	260.0	294.6
-45°	0.0	13.8	33.0	56.2	81.4	111.7	144.5	178.7	211.7	245.7	279.9
-47.5°	0.0	13.2	30.9	52.8	76.7	104.5	134.9	167.5	199.1	230.9	263.5
-50°	0.0	12.5	28.8	49.4	71.9	97.0	125.8	156.1	186.2	216.3	246.6
-52.5°	0.0	11.9	26.6	46.1	66.8	89.2	116.5	144.3	172.9	201.3	229.4
-55°	0.0	11.2	24.3	42.6	61.6	82.4	106.8	132.3	159.1	185.8	212.2
-57.5°	0.0	10.5	21.9	39.1	56.2	75.5	96.9	120.7	145.0	169.9	194.5
-60°	0.0	9.7	19.5	35.4	50.6	68.5	86.9	108.8	130.7	153.6	176.4
-62.5°	0.0	9.0	18.0	31.7	45.8	61.2	78.1	96.7	116.8	137.0	158.0
-65°	0.0	8.2	16.5	28.0	40.9	53.8	69.0	84.8	102.7	120.9	139.1
-67.5°	0.0	7.5	14.9	24.1	35.9	46.9	59.8	74.1	88.3	104.7	120.9
-70°	0.0	6.7	13.3	20.2	30.8	40.7	50.3	63.2	76.1	88.3	102.7
-72.5°	0.0	5.9	11.7	17.5	25.6	34.4	42.7	52.3	63.8	74.7	85.0
-75°	0.0	5.0	10.1	15.1	20.4	28.1	35.3	43.0	51.4	61.1	70.3
-77.5°	0.0	4.2	8.4	12.6	16.8	21.7	27.9	34.3	41.0	48.0	55.5
-80°	0.0	3.4	6.8	10.1	13.5	16.8	20.4	25.4	30.7	36.1	41.7
-82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.1	17.5	20.2	24.1	28.1
-85°	0.0	1.7	3.4	5.1	6.8	8.4	10.1	11.7	13.3	14.9	16.5
-87.5°	0.0	0.9	1.7	2.5	3.4	4.2	5.0	5.9	6.7	7.5	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	9.0	9.7	10.5	11.2	11.9	12.5	13.2	13.8	14.4	14.9	15.5
85°	18.0	19.5	21.7	23.8	25.7	27.4	28.9	30.3	32.2	34.2	36.2
82.5°	31.7	34.9	37.9	40.6	43.0	45.2	47.5	50.7	54.9	58.7	62.1
80°	46.3	50.3	55.2	60.1	65.1	70.2	75.3	80.4	84.9	89.2	93.6
77.5°	62.2	68.7	75.4	82.2	89.2	97.0	104.5	111.7	118.4	124.9	131.3
75°	78.6	86.9	96.9	106.8	116.5	125.8	134.9	144.2	153.0	161.5	169.6
72.5°	96.7	108.8	120.7	132.3	144.8	156.8	168.0	178.3	189.1	200.0	210.1
70°	116.8	130.7	145.5	160.6	175.3	188.6	201.8	215.3	228.8	240.3	250.3
67.5°	137.0	154.0	171.3	188.4	204.5	219.9	235.8	250.8	264.7	276.8	288.2
65°	158.0	177.2	196.2	214.6	232.6	250.8	268.1	284.3	299.3	313.0	325.8
62.5°	178.6	199.6	220.2	240.7	261.6	281.7	299.7	317.0	333.5	348.1	362.0
60°	198.9	221.5	244.1	267.1	289.9	310.9	330.4	348.3	365.2	381.4	395.7
57.5°	218.8	243.0	267.7	292.4	316.3	339.1	358.8	377.9	395.2	411.5	426.6
55°	238.3	263.9	290.5	316.5	341.5	364.9	386.1	405.2	423.5	438.5	452.9
52.5°	257.5	284.4	312.3	339.5	365.0	389.2	411.2	430.4	447.2	462.6	475.3
50°	276.4	304.6	333.3	360.8	387.1	411.8	433.9	452.4	468.3	482.5	494.4
47.5°	294.2	323.9	352.4	381.1	407.6	432.1	453.8	471.2	486.9	499.6	510.7
45°	311.0	342.0	371.6	399.5	426.6	450.8	470.9	488.4	502.7	515.5	526.8
42.5°	327.1	359.4	389.4	417.3	443.9	467.1	486.9	503.2	517.9	530.4	542.8
40°	342.5	376.4	406.6	434.1	460.1	482.1	500.6	517.3	531.7	545.9	559.4
37.5°	357.5	391.7	423.0	450.9	473.8	495.3	513.6	530.1	546.3	561.9	580.0
35°	371.9	406.5	438.1	465.5	488.1	506.9	525.6	543.6	562.3	582.0	603.2
32.5°	385.1	420.8	452.7	477.9	499.1	518.1	537.4	559.1	581.3	603.8	629.7
30°	397.0	433.6	465.8	489.5	509.0	527.9	550.7	575.5	601.6	627.5	657.7
27.5°	407.3	445.7	475.7	498.5	517.8	535.9	561.4	593.6	621.8	649.4	682.7
25°	416.9	455.4	484.8	506.2	524.3	543.8	570.2	603.3	639.0	669.0	715.5
22.5°	425.1	464.1	493.2	513.1	529.4	550.4	577.2	609.9	646.5	684.4	748.8
20°	432.2	470.6	500.3	518.9	533.3	555.2	581.1	614.5	655.2	709.9	781.1
17.5°	438.4	477.0	505.6	522.8	538.1	558.8	582.4	617.2	664.5	732.8	810.9
15°	443.7	483.4	510.1	526.0	541.8	562.1	587.9	624.1	678.6	754.0	838.3
12.5°	448.1	489.5	513.8	528.6	544.2	564.7	593.7	635.0	695.4	775.2	868.4
10°	451.6	495.1	516.8	530.7	545.4	566.4	598.7	643.5	709.3	794.8	895.1
7.5°	454.7	499.5	519.1	532.2	545.6	567.3	602.7	649.6	719.5	811.0	917.5
5°	457.1	502.4	521.2	533.3	545.4	567.6	605.8	653.5	725.9	823.2	934.2
2.5°	458.6	504.1	522.9	533.8	544.8	567.5	608.1	659.9	733.8	832.3	944.3
0°	459.1	504.7	524.2	534.0	543.8	566.6	608.9	664.3	739.1	836.8	947.5
-2.5°	458.6	504.1	522.9	533.8	544.8	567.5	608.1	659.9	733.8	832.3	944.3
-5°	457.1	502.4	521.2	533.3	545.4	567.6	605.8	653.5	725.9	823.2	934.2
-7.5°	454.7	499.5	519.1	532.2	545.6	567.3	602.7	649.6	719.5	811.0	917.5
-10°	451.6	495.1	516.8	530.7	545.4	566.4	598.7	643.5	709.3	794.8	895.1
-12.5°	448.1	489.5	513.8	528.6	544.2	564.7	593.7	635.0	695.4	775.2	868.4
-15°	443.7	483.4	510.1	526.0	541.8	562.1	587.9	624.1	678.6	754.0	838.3
-17.5°	438.4	477.0	505.6	522.8	538.1	558.8	582.4	617.2	664.5	732.8	810.9
-20°	432.2	470.6	500.3	518.9	533.3	555.2	581.1	614.5	655.2	709.9	781.1



REPORT NUMBER: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	425.1	464.1	493.2	513.1	529.4	550.4	577.2	609.9	646.5	684.4	748.8
-25°	416.9	455.4	484.8	506.2	524.3	543.8	570.2	603.3	639.0	669.0	715.5
-27.5°	407.3	445.7	475.7	498.5	517.8	535.9	561.4	593.6	621.8	649.4	682.7
-30°	397.0	433.6	465.8	489.5	509.0	527.9	550.7	575.5	601.6	627.5	657.7
-32.5°	385.1	420.8	452.7	477.9	499.1	518.1	537.4	559.1	581.3	603.8	629.7
-35°	371.9	406.5	438.1	465.5	488.1	506.9	525.6	543.6	562.3	582.0	603.2
-37.5°	357.5	391.7	423.0	450.9	473.8	495.3	513.6	530.1	546.3	561.9	580.0
-40°	342.5	376.4	406.6	434.1	460.1	482.1	500.6	517.3	531.7	545.9	559.4
-42.5°	327.1	359.4	389.4	417.3	443.9	467.1	486.9	503.2	517.9	530.4	542.8
-45°	311.0	342.0	371.6	399.5	426.6	450.8	470.9	488.4	502.7	515.5	526.8
-47.5°	294.2	323.9	352.4	381.1	407.6	432.1	453.8	471.2	486.9	499.6	510.7
-50°	276.4	304.6	333.3	360.8	387.1	411.8	433.9	452.4	468.3	482.5	494.4
-52.5°	257.5	284.4	312.3	339.5	365.0	389.2	411.2	430.4	447.2	462.6	475.3
-55°	238.3	263.9	290.5	316.5	341.5	364.9	386.1	405.2	423.5	438.5	452.9
-57.5°	218.8	243.0	267.7	292.4	316.3	339.1	358.8	377.9	395.2	411.5	426.6
-60°	198.9	221.5	244.1	267.1	289.9	310.9	330.4	348.3	365.2	381.4	395.7
-62.5°	178.6	199.6	220.2	240.7	261.6	281.7	299.7	317.0	333.5	348.1	362.0
-65°	158.0	177.2	196.2	214.6	232.6	250.8	268.1	284.3	299.3	313.0	325.8
-67.5°	137.0	154.0	171.3	188.4	204.5	219.9	235.8	250.8	264.7	276.8	288.2
-70°	116.8	130.7	145.5	160.6	175.3	188.6	201.8	215.3	228.8	240.3	250.3
-72.5°	96.7	108.8	120.7	132.3	144.8	156.8	168.0	178.3	189.1	200.0	210.1
-75°	78.6	86.9	96.9	106.8	116.5	125.8	134.9	144.2	153.0	161.5	169.6
-77.5°	62.2	68.7	75.4	82.2	89.2	97.0	104.5	111.7	118.4	124.9	131.3
-80°	46.3	50.3	55.2	60.1	65.1	70.2	75.3	80.4	84.9	89.2	93.6
-82.5°	31.7	34.9	37.9	40.6	43.0	45.2	47.5	50.7	54.9	58.7	62.1
-85°	18.0	19.5	21.7	23.8	25.7	27.4	28.9	30.3	32.2	34.2	36.2
-87.5°	9.0	9.7	10.5	11.2	11.9	12.5	13.2	13.8	14.4	14.9	15.5
-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: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-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°	16.0	15.8	15.5	15.2	14.8	15.8	16.8	17.8	18.8	19.0	19.2
85°	38.2	39.4	40.5	41.6	42.7	44.0	45.1	46.0	46.8	48.2	49.5
82.5°	65.1	67.8	70.2	72.5	74.6	77.0	79.4	81.7	83.8	85.2	86.2
80°	98.0	102.4	106.4	110.0	113.1	116.9	120.7	124.1	127.2	129.1	130.7
77.5°	137.6	143.1	148.2	153.0	157.6	162.0	165.8	168.9	171.3	174.2	177.0
75°	177.2	184.5	191.5	197.7	203.3	208.1	212.6	216.7	220.3	223.7	226.5
72.5°	219.3	227.6	235.1	241.9	248.4	254.7	260.7	265.9	270.5	274.4	277.6
70°	259.8	268.9	277.9	286.4	294.2	301.3	307.6	313.3	318.3	322.5	325.9
67.5°	299.0	309.3	319.5	329.0	337.5	345.0	352.2	358.9	365.0	369.6	372.8
65°	337.9	349.4	360.3	370.2	378.8	386.6	394.8	401.8	407.8	412.2	415.1
62.5°	375.7	388.1	398.8	408.9	418.6	426.9	433.8	440.3	446.2	451.1	454.1
60°	409.4	422.3	432.7	442.3	451.2	459.2	466.1	472.9	479.2	484.8	489.1
57.5°	439.2	451.2	461.8	470.4	478.3	485.6	492.3	497.9	502.3	505.7	508.6
55°	465.2	475.9	485.9	494.3	501.3	507.1	512.1	516.1	519.1	521.4	523.1
52.5°	487.4	497.3	507.1	515.4	520.7	525.5	529.9	534.6	537.3	537.7	537.5
50°	505.2	515.7	524.5	531.9	539.2	547.4	556.0	560.2	561.9	560.7	559.3
47.5°	521.5	531.7	541.4	550.6	561.2	574.9	588.8	595.4	594.9	592.0	590.6
45°	537.6	548.7	560.1	574.1	589.0	606.8	623.1	633.3	633.3	633.7	636.1
42.5°	554.3	568.1	583.6	602.8	622.3	642.2	659.5	672.3	681.7	693.3	702.9
40°	574.8	590.4	613.5	637.2	662.6	683.9	710.7	733.8	752.7	769.9	783.1
37.5°	599.0	621.2	650.6	681.1	713.9	747.1	778.5	807.7	832.8	861.3	882.5
35°	628.0	659.6	695.4	733.5	774.4	816.4	856.8	903.5	944.6	981.2	1011.1
32.5°	661.9	700.1	743.9	794.4	845.6	901.1	959.2	1019.2	1076.9	1137.1	1197.3
30°	695.9	746.3	802.2	863.6	923.7	996.2	1071.8	1169.9	1272.7	1390.0	1570.2
27.5°	737.3	797.5	862.5	933.2	1015.9	1108.6	1254.3	1435.7	1745.2	1976.4	2597.5
25°	777.8	846.5	930.1	1021.7	1132.8	1302.4	1650.7	2053.7	2951.0	3791.0	4761.4
22.5°	818.8	904.5	1004.7	1116.4	1309.5	1746.3	2409.7	3624.6	5010.6	6481.9	7980.3
20°	860.2	961.2	1086.6	1273.2	1677.4	2424.8	3913.9	5865.9	7835.5	10241.5	12322.2
17.5°	906.9	1032.0	1196.0	1476.6	2142.5	3744.0	5946.6	8655.2	11703.0	14796.3	17393.5
15°	945.4	1091.9	1311.5	1860.0	3117.2	5241.9	8124.2	11795.9	15951.8	19862.3	23197.8
12.5°	987.9	1158.4	1447.3	2171.1	4016.5	6810.1	10608.5	15126.8	20112.4	25470.7	33954.5
10°	1027.2	1225.4	1675.0	2817.0	5053.1	8394.6	12833.2	17924.2	23970.6	34698.6	54753.2
7.5°	1060.2	1278.4	1846.2	3298.4	5991.4	9889.4	14646.8	20316.3	29406.7	47430.3	81177.4
5°	1082.7	1313.6	1965.2	3658.6	6738.8	10992.1	15806.3	21891.5	34952.7	62993.2	103628.0
2.5°	1098.5	1332.7	2028.7	3868.6	7211.6	11722.2	16627.8	22951.3	38676.2	71995.2	119604.0
0°	1110.3	1338.3	2041.6	4050.6	7371.9	11969.6	16668.2	23235.9	39952.9	75510.0	125296.5
-2.5°	1098.5	1332.7	2028.7	3868.6	7211.6	11722.2	16627.8	22951.3	38676.2	71995.2	119604.0
-5°	1082.7	1313.6	1965.2	3658.6	6738.8	10992.1	15806.3	21891.5	34952.7	62993.2	103628.0
-7.5°	1060.2	1278.4	1846.2	3298.4	5991.4	9889.4	14646.8	20316.3	29406.7	47430.3	81177.4
-10°	1027.2	1225.4	1675.0	2817.0	5053.1	8394.6	12833.2	17924.2	23970.6	34698.6	54753.2
-12.5°	987.9	1158.4	1447.3	2171.1	4016.5	6810.1	10608.5	15126.8	20112.4	25470.7	33954.5
-15°	945.4	1091.9	1311.5	1860.0	3117.2	5241.9	8124.2	11795.9	15951.8	19862.3	23197.8
-17.5°	906.9	1032.0	1196.0	1476.6	2142.5	3744.0	5946.6	8655.2	11703.0	14796.3	17393.5
-20°	860.2	961.2	1086.6	1273.2	1677.4	2424.8	3913.9	5865.9	7835.5	10241.5	12322.2



REPORT NUMBER: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	818.8	904.5	1004.7	1116.4	1309.5	1746.3	2409.7	3624.6	5010.6	6481.9	7980.3
-25°	777.8	846.5	930.1	1021.7	1132.8	1302.4	1650.7	2053.7	2951.0	3791.0	4761.4
-27.5°	737.3	797.5	862.5	933.2	1015.9	1108.6	1254.3	1435.7	1745.2	1976.4	2597.5
-30°	695.9	746.3	802.2	863.6	923.7	996.2	1071.8	1169.9	1272.7	1390.0	1570.2
-32.5°	661.9	700.1	743.9	794.4	845.6	901.1	959.2	1019.2	1076.9	1137.1	1197.3
-35°	628.0	659.6	695.4	733.5	774.4	816.4	856.8	903.5	944.6	981.2	1011.1
-37.5°	599.0	621.2	650.6	681.1	713.9	747.1	778.5	807.7	832.8	861.3	882.5
-40°	574.8	590.4	613.5	637.2	662.6	683.9	710.7	733.8	752.7	769.9	783.1
-42.5°	554.3	568.1	583.6	602.8	622.3	642.2	659.5	672.3	681.7	693.3	702.9
-45°	537.6	548.7	560.1	574.1	589.0	606.8	623.1	633.3	633.3	633.7	636.1
-47.5°	521.5	531.7	541.4	550.6	561.2	574.9	588.8	595.4	594.9	592.0	590.6
-50°	505.2	515.7	524.5	531.9	539.2	547.4	556.0	560.2	561.9	560.7	559.3
-52.5°	487.4	497.3	507.1	515.4	520.7	525.5	529.9	534.6	537.3	537.7	537.5
-55°	465.2	475.9	485.9	494.3	501.3	507.1	512.1	516.1	519.1	521.4	523.1
-57.5°	439.2	451.2	461.8	470.4	478.3	485.6	492.3	497.9	502.3	505.7	508.6
-60°	409.4	422.3	432.7	442.3	451.2	459.2	466.1	472.9	479.2	484.8	489.1
-62.5°	375.7	388.1	398.8	408.9	418.6	426.9	433.8	440.3	446.2	451.1	454.1
-65°	337.9	349.4	360.3	370.2	378.8	386.6	394.8	401.8	407.8	412.2	415.1
-67.5°	299.0	309.3	319.5	329.0	337.5	345.0	352.2	358.9	365.0	369.6	372.8
-70°	259.8	268.9	277.9	286.4	294.2	301.3	307.6	313.3	318.3	322.5	325.9
-72.5°	219.3	227.6	235.1	241.9	248.4	254.7	260.7	265.9	270.5	274.4	277.6
-75°	177.2	184.5	191.5	197.7	203.3	208.1	212.6	216.7	220.3	223.7	226.5
-77.5°	137.6	143.1	148.2	153.0	157.6	162.0	165.8	168.9	171.3	174.2	177.0
-80°	98.0	102.4	106.4	110.0	113.1	116.9	120.7	124.1	127.2	129.1	130.7
-82.5°	65.1	67.8	70.2	72.5	74.6	77.0	79.4	81.7	83.8	85.2	86.2
-85°	38.2	39.4	40.5	41.6	42.7	44.0	45.1	46.0	46.8	48.2	49.5
-87.5°	16.0	15.8	15.5	15.2	14.8	15.8	16.8	17.8	18.8	19.0	19.2
-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: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.2	19.0	18.8	17.8
85°	50.7	51.8	50.4	48.8	50.4	51.8	50.7	49.5	48.2	46.8	46.0
82.5°	87.0	87.5	87.8	87.9	87.8	87.5	87.0	86.2	85.2	83.8	81.7
80°	131.9	132.8	134.9	136.8	134.9	132.8	131.9	130.7	129.1	127.2	124.1
77.5°	179.4	181.3	182.1	182.3	182.1	181.3	179.4	177.0	174.2	171.3	168.9
75°	228.6	230.1	234.0	237.7	234.0	230.1	228.6	226.5	223.7	220.3	216.7
72.5°	280.1	281.9	284.5	286.5	284.5	281.9	280.1	277.6	274.4	270.5	265.9
70°	328.6	330.6	331.7	332.1	331.7	330.6	328.6	325.9	322.5	318.3	313.3
67.5°	374.9	376.2	375.8	374.5	375.8	376.2	374.9	372.8	369.6	365.0	358.9
65°	417.2	418.5	418.1	416.8	418.1	418.5	417.2	415.1	412.2	407.8	401.8
62.5°	456.2	457.5	458.6	459.1	458.6	457.5	456.2	454.1	451.1	446.2	440.3
60°	492.8	496.0	497.7	498.2	497.7	496.0	492.8	489.1	484.8	479.2	472.9
57.5°	511.2	513.3	514.3	514.5	514.3	513.3	511.2	508.6	505.7	502.3	497.9
55°	523.9	523.9	522.8	521.0	522.8	523.9	523.9	523.1	521.4	519.1	516.1
52.5°	536.4	534.6	533.8	534.0	533.8	534.6	536.4	537.5	537.7	537.3	534.6
50°	557.5	554.5	553.1	553.5	553.1	554.5	557.5	559.3	560.7	561.9	560.2
47.5°	592.5	593.8	595.1	595.9	595.1	593.8	592.5	590.6	592.0	594.9	595.4
45°	642.6	647.1	650.0	651.2	650.0	647.1	642.6	636.1	633.7	633.3	633.3
42.5°	712.7	718.3	720.4	719.6	720.4	718.3	712.7	702.9	693.3	681.7	672.3
40°	796.9	807.8	814.1	814.0	814.1	807.8	796.9	783.1	769.9	752.7	733.8
37.5°	901.7	916.4	923.7	921.5	923.7	916.4	901.7	882.5	861.3	832.8	807.7
35°	1034.0	1048.5	1054.5	1061.5	1054.5	1048.5	1034.0	1011.1	981.2	944.6	903.5
32.5°	1244.6	1274.2	1286.0	1269.9	1286.0	1274.2	1244.6	1197.3	1137.1	1076.9	1019.2
30°	1692.1	1800.2	1872.5	1908.1	1872.5	1800.2	1692.1	1570.2	1390.0	1272.7	1169.9
27.5°	3025.0	3308.0	3427.7	3493.8	3427.7	3308.0	3025.0	2597.5	1976.4	1745.2	1435.7
25°	5592.5	6196.4	6543.9	6515.5	6543.9	6196.4	5592.5	4761.4	3791.0	2951.0	2053.7
22.5°	9372.6	10325.3	10896.7	11106.7	10896.7	10325.3	9372.6	7980.3	6481.9	5010.6	3624.6
20°	14059.0	15127.2	15685.8	15769.5	15685.8	15127.2	14059.0	12322.2	10241.5	7835.5	5865.9
17.5°	19437.5	20450.2	21038.8	21031.5	21038.8	20450.2	19437.5	17393.5	14796.3	11703.0	8655.2
15°	27740.8	31660.7	33871.0	33548.1	33871.0	31660.7	27740.8	23197.8	19862.3	15951.8	11795.9
12.5°	45455.3	61111.3	70822.7	73221.0	70822.7	61111.3	45455.3	33954.5	25470.7	20112.4	15126.8
10°	80325.5	103747.9	122453.5	127859.1	122453.5	103747.9	80325.5	54753.2	34698.6	23970.6	17924.2
7.5°	115542.9	143341.6	154782.0	156111.1	154782.0	143341.6	115542.9	81177.4	47430.3	29406.7	20316.3
5°	142125.1	170411.3	173685.2	165461.1	173685.2	170411.3	142125.1	103628.0	62993.2	34952.7	21891.5
2.5°	159671.7	181042.2	184094.2	179667.7	184094.2	181042.2	159671.7	119604.0	71995.2	38676.2	22951.3
0°	163673.4	178215.4	182550.9	183024.7	182550.9	178215.4	163673.4	125296.5	75510.0	39952.9	23235.9
-2.5°	159671.7	181042.2	184094.2	179667.7	184094.2	181042.2	159671.7	119604.0	71995.2	38676.2	22951.3
-5°	142125.1	170411.3	173685.2	165461.1	173685.2	170411.3	142125.1	103628.0	62993.2	34952.7	21891.5
-7.5°	115542.9	143341.6	154782.0	156111.1	154782.0	143341.6	115542.9	81177.4	47430.3	29406.7	20316.3
-10°	80325.5	103747.9	122453.5	127859.1	122453.5	103747.9	80325.5	54753.2	34698.6	23970.6	17924.2
-12.5°	45455.3	61111.3	70822.7	73221.0	70822.7	61111.3	45455.3	33954.5	25470.7	20112.4	15126.8
-15°	27740.8	31660.7	33871.0	33548.1	33871.0	31660.7	27740.8	23197.8	19862.3	15951.8	11795.9
-17.5°	19437.5	20450.2	21038.8	21031.5	21038.8	20450.2	19437.5	17393.5	14796.3	11703.0	8655.2
-20°	14059.0	15127.2	15685.8	15769.5	15685.8	15127.2	14059.0	12322.2	10241.5	7835.5	5865.9



REPORT NUMBER: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9372.6	10325.3	10896.7	11106.7	10896.7	10325.3	9372.6	7980.3	6481.9	5010.6	3624.6
-25°	5592.5	6196.4	6543.9	6515.5	6543.9	6196.4	5592.5	4761.4	3791.0	2951.0	2053.7
-27.5°	3025.0	3308.0	3427.7	3493.8	3427.7	3308.0	3025.0	2597.5	1976.4	1745.2	1435.7
-30°	1692.1	1800.2	1872.5	1908.1	1872.5	1800.2	1692.1	1570.2	1390.0	1272.7	1169.9
-32.5°	1244.6	1274.2	1286.0	1269.9	1286.0	1274.2	1244.6	1197.3	1137.1	1076.9	1019.2
-35°	1034.0	1048.5	1054.5	1061.5	1054.5	1048.5	1034.0	1011.1	981.2	944.6	903.5
-37.5°	901.7	916.4	923.7	921.5	923.7	916.4	901.7	882.5	861.3	832.8	807.7
-40°	796.9	807.8	814.1	814.0	814.1	807.8	796.9	783.1	769.9	752.7	733.8
-42.5°	712.7	718.3	720.4	719.6	720.4	718.3	712.7	702.9	693.3	681.7	672.3
-45°	642.6	647.1	650.0	651.2	650.0	647.1	642.6	636.1	633.7	633.3	633.3
-47.5°	592.5	593.8	595.1	595.9	595.1	593.8	592.5	590.6	592.0	594.9	595.4
-50°	557.5	554.5	553.1	553.5	553.1	554.5	557.5	559.3	560.7	561.9	560.2
-52.5°	536.4	534.6	533.8	534.0	533.8	534.6	536.4	537.5	537.7	537.3	534.6
-55°	523.9	523.9	522.8	521.0	522.8	523.9	523.9	523.1	521.4	519.1	516.1
-57.5°	511.2	513.3	514.3	514.5	514.3	513.3	511.2	508.6	505.7	502.3	497.9
-60°	492.8	496.0	497.7	498.2	497.7	496.0	492.8	489.1	484.8	479.2	472.9
-62.5°	456.2	457.5	458.6	459.1	458.6	457.5	456.2	454.1	451.1	446.2	440.3
-65°	417.2	418.5	418.1	416.8	418.1	418.5	417.2	415.1	412.2	407.8	401.8
-67.5°	374.9	376.2	375.8	374.5	375.8	376.2	374.9	372.8	369.6	365.0	358.9
-70°	328.6	330.6	331.7	332.1	331.7	330.6	328.6	325.9	322.5	318.3	313.3
-72.5°	280.1	281.9	284.5	286.5	284.5	281.9	280.1	277.6	274.4	270.5	265.9
-75°	228.6	230.1	234.0	237.7	234.0	230.1	228.6	226.5	223.7	220.3	216.7
-77.5°	179.4	181.3	182.1	182.3	182.1	181.3	179.4	177.0	174.2	171.3	168.9
-80°	131.9	132.8	134.9	136.8	134.9	132.8	131.9	130.7	129.1	127.2	124.1
-82.5°	87.0	87.5	87.8	87.9	87.8	87.5	87.0	86.2	85.2	83.8	81.7
-85°	50.7	51.8	50.4	48.8	50.4	51.8	50.7	49.5	48.2	46.8	46.0
-87.5°	19.3	19.4	19.5	19.5	19.5	19.4	19.3	19.2	19.0	18.8	17.8
-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: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.8	15.8	14.8	15.2	15.5	15.8	16.0	15.5	14.9	14.4	13.8
85°	45.1	44.0	42.7	41.6	40.5	39.4	38.2	36.2	34.2	32.2	30.3
82.5°	79.4	77.0	74.6	72.5	70.2	67.8	65.1	62.1	58.7	54.9	50.7
80°	120.7	116.9	113.1	110.0	106.4	102.4	98.0	93.6	89.2	84.9	80.4
77.5°	165.8	162.0	157.6	153.0	148.2	143.1	137.6	131.3	124.9	118.4	111.7
75°	212.6	208.1	203.3	197.7	191.5	184.5	177.2	169.6	161.5	153.0	144.2
72.5°	260.7	254.7	248.4	241.9	235.1	227.6	219.3	210.1	200.0	189.1	178.3
70°	307.6	301.3	294.2	286.4	277.9	268.9	259.8	250.3	240.3	228.8	215.3
67.5°	352.2	345.0	337.5	329.0	319.5	309.3	299.0	288.2	276.8	264.7	250.8
65°	394.8	386.6	378.8	370.2	360.3	349.4	337.9	325.8	313.0	299.3	284.3
62.5°	433.8	426.9	418.6	408.9	398.8	388.1	375.7	362.0	348.1	333.5	317.0
60°	466.1	459.2	451.2	442.3	432.7	422.3	409.4	395.7	381.4	365.2	348.3
57.5°	492.3	485.6	478.3	470.4	461.8	451.2	439.2	426.6	411.5	395.2	377.9
55°	512.1	507.1	501.3	494.3	485.9	475.9	465.2	452.9	438.5	423.5	405.2
52.5°	529.9	525.5	520.7	515.4	507.1	497.3	487.4	475.3	462.6	447.2	430.4
50°	556.0	547.4	539.2	531.9	524.5	515.7	505.2	494.4	482.5	468.3	452.4
47.5°	588.8	574.9	561.2	550.6	541.4	531.7	521.5	510.7	499.6	486.9	471.2
45°	623.1	606.8	589.0	574.1	560.1	548.7	537.6	526.8	515.5	502.7	488.4
42.5°	659.5	642.2	622.3	602.8	583.6	568.1	554.3	542.8	530.4	517.9	503.2
40°	710.7	683.9	662.6	637.2	613.5	590.4	574.8	559.4	545.9	531.7	517.3
37.5°	778.5	747.1	713.9	681.1	650.6	621.2	599.0	580.0	561.9	546.3	530.1
35°	856.8	816.4	774.4	733.5	695.4	659.6	628.0	603.2	582.0	562.3	543.6
32.5°	959.2	901.1	845.6	794.4	743.9	700.1	661.9	629.7	603.8	581.3	559.1
30°	1071.8	996.2	923.7	863.6	802.2	746.3	695.9	657.7	627.5	601.6	575.5
27.5°	1254.3	1108.6	1015.9	933.2	862.5	797.5	737.3	682.7	649.4	621.8	593.6
25°	1650.7	1302.4	1132.8	1021.7	930.1	846.5	777.8	715.5	669.0	639.0	603.3
22.5°	2409.7	1746.3	1309.5	1116.4	1004.7	904.5	818.8	748.8	684.4	646.5	609.9
20°	3913.9	2424.8	1677.4	1273.2	1086.6	961.2	860.2	781.1	709.9	655.2	614.5
17.5°	5946.6	3744.0	2142.5	1476.6	1196.0	1032.0	906.9	810.9	732.8	664.5	617.2
15°	8124.2	5241.9	3117.2	1860.0	1311.5	1091.9	945.4	838.3	754.0	678.6	624.1
12.5°	10608.5	6810.1	4016.5	2171.1	1447.3	1158.4	987.9	868.4	775.2	695.4	635.0
10°	12833.2	8394.6	5053.1	2817.0	1675.0	1225.4	1027.2	895.1	794.8	709.3	643.5
7.5°	14646.8	9889.4	5991.4	3298.4	1846.2	1278.4	1060.2	917.5	811.0	719.5	649.6
5°	15806.3	10992.1	6738.8	3658.6	1965.2	1313.6	1082.7	934.2	823.2	725.9	653.5
2.5°	16627.8	11722.2	7211.6	3868.6	2028.7	1332.7	1098.5	944.3	832.3	733.8	659.9
0°	16668.2	11969.6	7371.9	4050.6	2041.6	1338.3	1110.3	947.5	836.8	739.1	664.3
-2.5°	16627.8	11722.2	7211.6	3868.6	2028.7	1332.7	1098.5	944.3	832.3	733.8	659.9
-5°	15806.3	10992.1	6738.8	3658.6	1965.2	1313.6	1082.7	934.2	823.2	725.9	653.5
-7.5°	14646.8	9889.4	5991.4	3298.4	1846.2	1278.4	1060.2	917.5	811.0	719.5	649.6
-10°	12833.2	8394.6	5053.1	2817.0	1675.0	1225.4	1027.2	895.1	794.8	709.3	643.5
-12.5°	10608.5	6810.1	4016.5	2171.1	1447.3	1158.4	987.9	868.4	775.2	695.4	635.0
-15°	8124.2	5241.9	3117.2	1860.0	1311.5	1091.9	945.4	838.3	754.0	678.6	624.1
-17.5°	5946.6	3744.0	2142.5	1476.6	1196.0	1032.0	906.9	810.9	732.8	664.5	617.2
-20°	3913.9	2424.8	1677.4	1273.2	1086.6	961.2	860.2	781.1	709.9	655.2	614.5



REPORT NUMBER: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2409.7	1746.3	1309.5	1116.4	1004.7	904.5	818.8	748.8	684.4	646.5	609.9
-25°	1650.7	1302.4	1132.8	1021.7	930.1	846.5	777.8	715.5	669.0	639.0	603.3
-27.5°	1254.3	1108.6	1015.9	933.2	862.5	797.5	737.3	682.7	649.4	621.8	593.6
-30°	1071.8	996.2	923.7	863.6	802.2	746.3	695.9	657.7	627.5	601.6	575.5
-32.5°	959.2	901.1	845.6	794.4	743.9	700.1	661.9	629.7	603.8	581.3	559.1
-35°	856.8	816.4	774.4	733.5	695.4	659.6	628.0	603.2	582.0	562.3	543.6
-37.5°	778.5	747.1	713.9	681.1	650.6	621.2	599.0	580.0	561.9	546.3	530.1
-40°	710.7	683.9	662.6	637.2	613.5	590.4	574.8	559.4	545.9	531.7	517.3
-42.5°	659.5	642.2	622.3	602.8	583.6	568.1	554.3	542.8	530.4	517.9	503.2
-45°	623.1	606.8	589.0	574.1	560.1	548.7	537.6	526.8	515.5	502.7	488.4
-47.5°	588.8	574.9	561.2	550.6	541.4	531.7	521.5	510.7	499.6	486.9	471.2
-50°	556.0	547.4	539.2	531.9	524.5	515.7	505.2	494.4	482.5	468.3	452.4
-52.5°	529.9	525.5	520.7	515.4	507.1	497.3	487.4	475.3	462.6	447.2	430.4
-55°	512.1	507.1	501.3	494.3	485.9	475.9	465.2	452.9	438.5	423.5	405.2
-57.5°	492.3	485.6	478.3	470.4	461.8	451.2	439.2	426.6	411.5	395.2	377.9
-60°	466.1	459.2	451.2	442.3	432.7	422.3	409.4	395.7	381.4	365.2	348.3
-62.5°	433.8	426.9	418.6	408.9	398.8	388.1	375.7	362.0	348.1	333.5	317.0
-65°	394.8	386.6	378.8	370.2	360.3	349.4	337.9	325.8	313.0	299.3	284.3
-67.5°	352.2	345.0	337.5	329.0	319.5	309.3	299.0	288.2	276.8	264.7	250.8
-70°	307.6	301.3	294.2	286.4	277.9	268.9	259.8	250.3	240.3	228.8	215.3
-72.5°	260.7	254.7	248.4	241.9	235.1	227.6	219.3	210.1	200.0	189.1	178.3
-75°	212.6	208.1	203.3	197.7	191.5	184.5	177.2	169.6	161.5	153.0	144.2
-77.5°	165.8	162.0	157.6	153.0	148.2	143.1	137.6	131.3	124.9	118.4	111.7
-80°	120.7	116.9	113.1	110.0	106.4	102.4	98.0	93.6	89.2	84.9	80.4
-82.5°	79.4	77.0	74.6	72.5	70.2	67.8	65.1	62.1	58.7	54.9	50.7
-85°	45.1	44.0	42.7	41.6	40.5	39.4	38.2	36.2	34.2	32.2	30.3
-87.5°	16.8	15.8	14.8	15.2	15.5	15.8	16.0	15.5	14.9	14.4	13.8
-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: P559247 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-935-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.2	12.5	11.9	11.2	10.5	9.7	9.0	8.2	7.5	6.7	5.9
85°	28.9	27.4	25.7	23.8	21.7	19.5	18.0	16.5	14.9	13.3	11.7
82.5°	47.5	45.2	43.0	40.6	37.9	34.9	31.7	28.1	24.1	20.2	17.5
80°	75.3	70.2	65.1	60.1	55.2	50.3	46.3	41.7	36.1	30.7	25.4
77.5°	104.5	97.0	89.2	82.2	75.4	68.7	62.2	55.5	48.0	41.0	34.3
75°	134.9	125.8	116.5	106.8	96.9	86.9	78.6	70.3	61.1	51.4	43.0
72.5°	168.0	156.8	144.8	132.3	120.7	108.8	96.7	85.0	74.7	63.8	52.3
70°	201.8	188.6	175.3	160.6	145.5	130.7	116.8	102.7	88.3	76.1	63.2
67.5°	235.8	219.9	204.5	188.4	171.3	154.0	137.0	120.9	104.7	88.3	74.1
65°	268.1	250.8	232.6	214.6	196.2	177.2	158.0	139.1	120.9	102.7	84.8
62.5°	299.7	281.7	261.6	240.7	220.2	199.6	178.6	158.0	137.0	116.8	96.7
60°	330.4	310.9	289.9	267.1	244.1	221.5	198.9	176.4	153.6	130.7	108.8
57.5°	358.8	339.1	316.3	292.4	267.7	243.0	218.8	194.5	169.9	145.0	120.7
55°	386.1	364.9	341.5	316.5	290.5	263.9	238.3	212.2	185.8	159.1	132.3
52.5°	411.2	389.2	365.0	339.5	312.3	284.4	257.5	229.4	201.3	172.9	144.3
50°	433.9	411.8	387.1	360.8	333.3	304.6	276.4	246.6	216.3	186.2	156.1
47.5°	453.8	432.1	407.6	381.1	352.4	323.9	294.2	263.5	230.9	199.1	167.5
45°	470.9	450.8	426.6	399.5	371.6	342.0	311.0	279.9	245.7	211.7	178.7
42.5°	486.9	467.1	443.9	417.3	389.4	359.4	327.1	294.6	260.0	223.9	189.3
40°	500.6	482.1	460.1	434.1	406.6	376.4	342.5	308.4	273.9	235.7	199.5
37.5°	513.6	495.3	473.8	450.9	423.0	391.7	357.5	321.4	286.5	247.3	209.1
35°	525.6	506.9	488.1	465.5	438.1	406.5	371.9	333.9	297.3	258.2	218.3
32.5°	537.4	518.1	499.1	477.9	452.7	420.8	385.1	345.9	307.5	268.4	226.9
30°	550.7	527.9	509.0	489.5	465.8	433.6	397.0	356.9	317.1	277.8	235.0
27.5°	561.4	535.9	517.8	498.5	475.7	445.7	407.3	366.8	326.0	286.2	242.7
25°	570.2	543.8	524.3	506.2	484.8	455.4	416.9	375.6	334.2	293.5	249.8
22.5°	577.2	550.4	529.4	513.1	493.2	464.1	425.1	383.3	341.6	300.1	256.2
20°	581.1	555.2	533.3	518.9	500.3	470.6	432.2	390.2	348.0	306.0	261.9
17.5°	582.4	558.8	538.1	522.8	505.6	477.0	438.4	396.3	353.5	311.3	266.9
15°	587.9	562.1	541.8	526.0	510.1	483.4	443.7	401.5	358.0	316.0	271.3
12.5°	593.7	564.7	544.2	528.6	513.8	489.5	448.1	405.8	361.8	319.9	274.9
10°	598.7	566.4	545.4	530.7	516.8	495.1	451.6	409.2	365.6	323.1	277.9
7.5°	602.7	567.3	545.6	532.2	519.1	499.5	454.7	411.8	368.9	325.6	280.3
5°	605.8	567.6	545.4	533.3	521.2	502.4	457.1	413.3	371.5	327.5	282.0
2.5°	608.1	567.5	544.8	533.8	522.9	504.1	458.6	413.9	373.4	328.5	283.0
0°	608.9	566.6	543.8	534.0	524.2	504.7	459.1	413.5	374.5	328.9	283.3
-2.5°	608.1	567.5	544.8	533.8	522.9	504.1	458.6	413.9	373.4	328.5	283.0
-5°	605.8	567.6	545.4	533.3	521.2	502.4	457.1	413.3	371.5	327.5	282.0
-7.5°	602.7	567.3	545.6	532.2	519.1	499.5	454.7	411.8	368.9	325.6	280.3
-10°	598.7	566.4	545.4	530.7	516.8	495.1	451.6	409.2	365.6	323.1	277.9
-12.5°	593.7	564.7	544.2	528.6	513.8	489.5	448.1	405.8	361.8	319.9	274.9
-15°	587.9	562.1	541.8	526.0	510.1	483.4	443.7	401.5	358.0	316.0	271.3
-17.5°	582.4	558.8	538.1	522.8	505.6	477.0	438.4	396.3	353.5	311.3	266.9
-20°	581.1	555.2	533.3	518.9	500.3	470.6	432.2	390.2	348.0	306.0	261.9



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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°	577.2	550.4	529.4	513.1	493.2	464.1	425.1	383.3	341.6	300.1	256.2
-25°	570.2	543.8	524.3	506.2	484.8	455.4	416.9	375.6	334.2	293.5	249.8
-27.5°	561.4	535.9	517.8	498.5	475.7	445.7	407.3	366.8	326.0	286.2	242.7
-30°	550.7	527.9	509.0	489.5	465.8	433.6	397.0	356.9	317.1	277.8	235.0
-32.5°	537.4	518.1	499.1	477.9	452.7	420.8	385.1	345.9	307.5	268.4	226.9
-35°	525.6	506.9	488.1	465.5	438.1	406.5	371.9	333.9	297.3	258.2	218.3
-37.5°	513.6	495.3	473.8	450.9	423.0	391.7	357.5	321.4	286.5	247.3	209.1
-40°	500.6	482.1	460.1	434.1	406.6	376.4	342.5	308.4	273.9	235.7	199.5
-42.5°	486.9	467.1	443.9	417.3	389.4	359.4	327.1	294.6	260.0	223.9	189.3
-45°	470.9	450.8	426.6	399.5	371.6	342.0	311.0	279.9	245.7	211.7	178.7
-47.5°	453.8	432.1	407.6	381.1	352.4	323.9	294.2	263.5	230.9	199.1	167.5
-50°	433.9	411.8	387.1	360.8	333.3	304.6	276.4	246.6	216.3	186.2	156.1
-52.5°	411.2	389.2	365.0	339.5	312.3	284.4	257.5	229.4	201.3	172.9	144.3
-55°	386.1	364.9	341.5	316.5	290.5	263.9	238.3	212.2	185.8	159.1	132.3
-57.5°	358.8	339.1	316.3	292.4	267.7	243.0	218.8	194.5	169.9	145.0	120.7
-60°	330.4	310.9	289.9	267.1	244.1	221.5	198.9	176.4	153.6	130.7	108.8
-62.5°	299.7	281.7	261.6	240.7	220.2	199.6	178.6	158.0	137.0	116.8	96.7
-65°	268.1	250.8	232.6	214.6	196.2	177.2	158.0	139.1	120.9	102.7	84.8
-67.5°	235.8	219.9	204.5	188.4	171.3	154.0	137.0	120.9	104.7	88.3	74.1
-70°	201.8	188.6	175.3	160.6	145.5	130.7	116.8	102.7	88.3	76.1	63.2
-72.5°	168.0	156.8	144.8	132.3	120.7	108.8	96.7	85.0	74.7	63.8	52.3
-75°	134.9	125.8	116.5	106.8	96.9	86.9	78.6	70.3	61.1	51.4	43.0
-77.5°	104.5	97.0	89.2	82.2	75.4	68.7	62.2	55.5	48.0	41.0	34.3
-80°	75.3	70.2	65.1	60.1	55.2	50.3	46.3	41.7	36.1	30.7	25.4
-82.5°	47.5	45.2	43.0	40.6	37.9	34.9	31.7	28.1	24.1	20.2	17.5
-85°	28.9	27.4	25.7	23.8	21.7	19.5	18.0	16.5	14.9	13.3	11.7
-87.5°	13.2	12.5	11.9	11.2	10.5	9.7	9.0	8.2	7.5	6.7	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	4.2	3.4	2.5	1.7	0.9	0.0
85°	10.1	8.4	6.8	5.1	3.4	1.7	0.0
82.5°	15.1	12.6	10.1	7.6	5.1	2.5	0.0
80°	20.4	16.8	13.5	10.1	6.8	3.4	0.0
77.5°	27.9	21.7	16.8	12.6	8.4	4.2	0.0
75°	35.3	28.1	20.4	15.1	10.1	5.0	0.0
72.5°	42.7	34.4	25.6	17.5	11.7	5.9	0.0
70°	50.3	40.7	30.8	20.2	13.3	6.7	0.0
67.5°	59.8	46.9	35.9	24.1	14.9	7.5	0.0
65°	69.0	53.8	40.9	28.0	16.5	8.2	0.0
62.5°	78.1	61.2	45.8	31.7	18.0	9.0	0.0
60°	86.9	68.5	50.6	35.4	19.5	9.7	0.0
57.5°	96.9	75.5	56.2	39.1	21.9	10.5	0.0
55°	106.8	82.4	61.6	42.6	24.3	11.2	0.0
52.5°	116.5	89.2	66.8	46.1	26.6	11.9	0.0
50°	125.8	97.0	71.9	49.4	28.8	12.5	0.0
47.5°	134.9	104.5	76.7	52.8	30.9	13.2	0.0
45°	144.5	111.7	81.4	56.2	33.0	13.8	0.0
42.5°	153.7	118.6	85.8	59.6	34.9	14.4	0.0
40°	162.5	125.2	90.5	62.7	36.8	14.9	0.0
37.5°	171.0	131.4	95.5	65.6	38.6	15.5	0.0
35°	179.1	137.9	100.3	68.4	40.3	16.0	0.0
32.5°	186.7	144.2	104.7	71.0	41.9	16.4	0.0
30°	193.6	150.1	108.9	73.4	43.3	16.9	0.0
27.5°	200.0	155.7	112.8	75.7	44.7	17.3	0.0
25°	205.9	160.8	116.6	77.8	46.0	17.7	0.0
22.5°	211.4	165.5	120.0	79.7	47.1	18.0	0.0
20°	216.3	169.8	123.2	81.4	48.2	18.3	0.0
17.5°	220.6	173.5	126.0	82.9	49.1	18.6	0.0
15°	224.2	176.8	128.6	84.2	49.9	18.8	0.0
12.5°	227.3	179.5	130.8	85.3	50.6	19.0	0.0
10°	229.8	181.7	132.7	86.3	51.1	19.2	0.0
7.5°	231.8	183.4	134.3	87.0	51.5	19.3	0.0
5°	233.3	184.6	135.5	87.5	51.9	19.4	0.0
2.5°	234.1	185.4	136.3	87.8	52.0	19.5	0.0
0°	234.4	185.6	136.8	87.9	52.1	19.5	0.0
-2.5°	234.1	185.4	136.3	87.8	52.0	19.5	0.0
-5°	233.3	184.6	135.5	87.5	51.9	19.4	0.0
-7.5°	231.8	183.4	134.3	87.0	51.5	19.3	0.0
-10°	229.8	181.7	132.7	86.3	51.1	19.2	0.0
-12.5°	227.3	179.5	130.8	85.3	50.6	19.0	0.0
-15°	224.2	176.8	128.6	84.2	49.9	18.8	0.0
-17.5°	220.6	173.5	126.0	82.9	49.1	18.6	0.0
-20°	216.3	169.8	123.2	81.4	48.2	18.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	211.4	165.5	120.0	79.7	47.1	18.0	0.0
-25°	205.9	160.8	116.6	77.8	46.0	17.7	0.0
-27.5°	200.0	155.7	112.8	75.7	44.7	17.3	0.0
-30°	193.6	150.1	108.9	73.4	43.3	16.9	0.0
-32.5°	186.7	144.2	104.7	71.0	41.9	16.4	0.0
-35°	179.1	137.9	100.3	68.4	40.3	16.0	0.0
-37.5°	171.0	131.4	95.5	65.6	38.6	15.5	0.0
-40°	162.5	125.2	90.5	62.7	36.8	14.9	0.0
-42.5°	153.7	118.6	85.8	59.6	34.9	14.4	0.0
-45°	144.5	111.7	81.4	56.2	33.0	13.8	0.0
-47.5°	134.9	104.5	76.7	52.8	30.9	13.2	0.0
-50°	125.8	97.0	71.9	49.4	28.8	12.5	0.0
-52.5°	116.5	89.2	66.8	46.1	26.6	11.9	0.0
-55°	106.8	82.4	61.6	42.6	24.3	11.2	0.0
-57.5°	96.9	75.5	56.2	39.1	21.9	10.5	0.0
-60°	86.9	68.5	50.6	35.4	19.5	9.7	0.0
-62.5°	78.1	61.2	45.8	31.7	18.0	9.0	0.0
-65°	69.0	53.8	40.9	28.0	16.5	8.2	0.0
-67.5°	59.8	46.9	35.9	24.1	14.9	7.5	0.0
-70°	50.3	40.7	30.8	20.2	13.3	6.7	0.0
-72.5°	42.7	34.4	25.6	17.5	11.7	5.9	0.0
-75°	35.3	28.1	20.4	15.1	10.1	5.0	0.0
-77.5°	27.9	21.7	16.8	12.6	8.4	4.2	0.0
-80°	20.4	16.8	13.5	10.1	6.8	3.4	0.0
-82.5°	15.1	12.6	10.1	7.6	5.1	2.5	0.0
-85°	10.1	8.4	6.8	5.1	3.4	1.7	0.0
-87.5°	5.0	4.2	3.4	2.5	1.7	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)