

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: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6D-935-U-TS-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (96) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

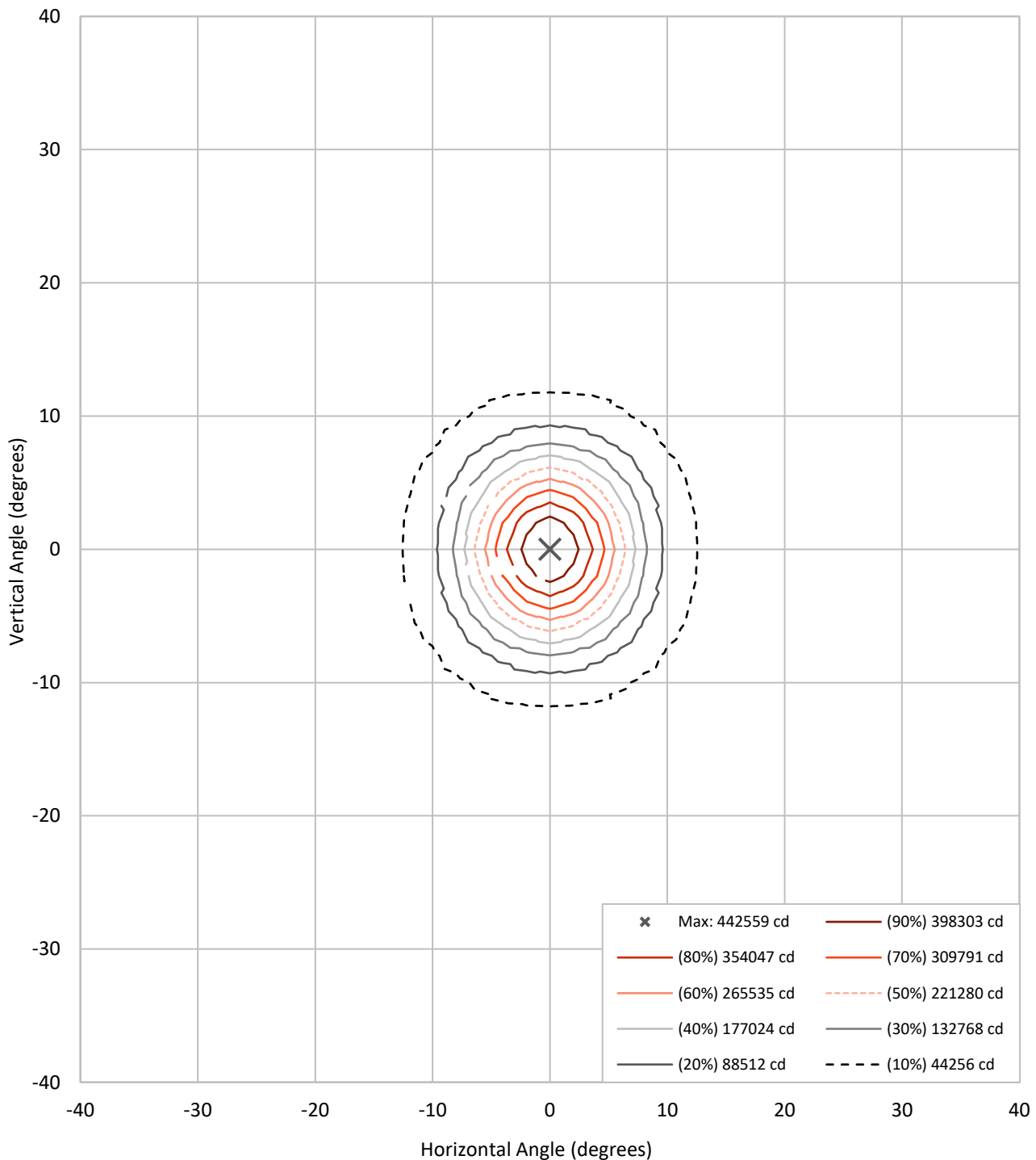
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	32079.7 lumens	Max Intensity:	442559 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	10136.6 lumens	Field Lumens:	22456.2 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 319  
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





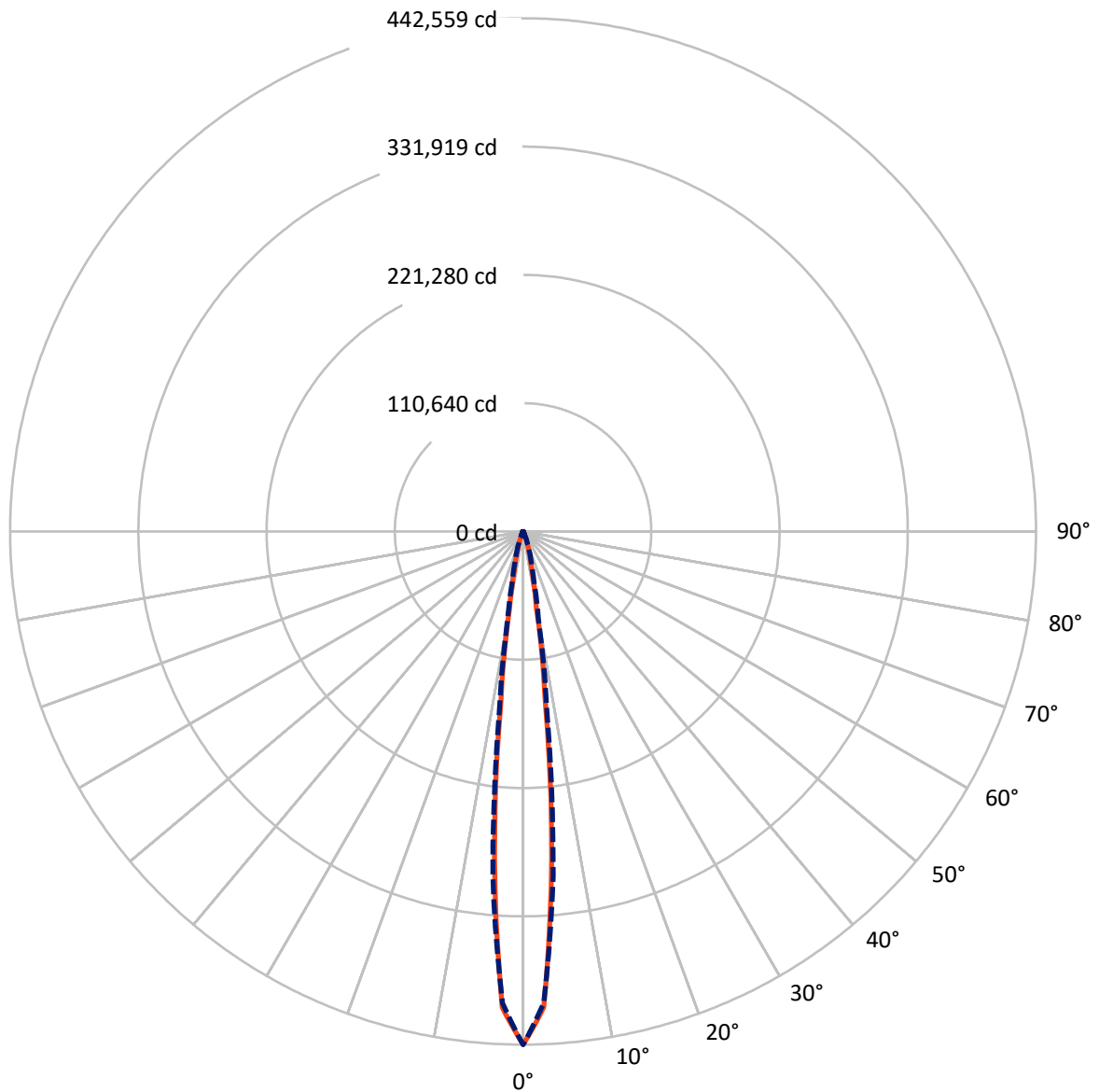
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### Lumen Table

90	0.5	3.7		10.3		16.6		19.2		16.6		10.3		3.7		0.5			
80	0.5	3.7		10.3		16.6		19.2		16.6		10.3		3.7		0.5			
70	1.7	1.9	4.2	6.9	9.4	11.5	13.2	14.0	14.0	13.2	11.5	9.4	6.9	4.2	1.9	1.7			
60		3.0	6.2	9.4	12.1	14.3	15.7	16.3	16.3	15.7	14.3	12.1	9.4	6.2	3.0				
50	3.1	4.0	7.6	10.9	13.6	16.0	17.9	18.7	18.7	17.9	16.0	13.6	10.9	7.6	4.0	3.1			
40		4.8	8.5	11.8	15.2	19.5	24.5	27.6	27.6	24.5	19.5	15.2	11.8	8.5	4.8				
30	4.1	5.3	9.0	12.6	17.9	27.7	61.5	112.0	112.0	61.5	27.7	17.9	12.6	9.0	5.3	4.1			
20		5.6	9.3	13.3	21.1	59.6	336.4	740.0	740.0	336.4	59.6	21.1	13.3	9.3	5.6				
10	4.5	5.7	9.4	13.7	23.5	114.3	807.5	5223.8	5223.8	807.5	114.3	23.5	13.7	9.4	5.7	4.5			
0		5.7	9.4	13.7	23.5	114.3	807.5	5223.8	5223.8	807.5	114.3	23.5	13.7	9.4	5.7				
-10	4.1	5.6	9.3	13.3	21.1	59.6	336.4	740.0	740.0	336.4	59.6	21.1	13.3	9.3	5.6	4.1			
-20		5.3	9.0	12.6	17.9	27.7	61.5	112.0	112.0	61.5	27.7	17.9	12.6	9.0	5.3				
-30	3.1	4.8	8.5	11.8	15.2	19.5	24.5	27.6	27.6	24.5	19.5	15.2	11.8	8.5	4.8	3.1			
-40		4.0	7.6	10.9	13.6	16.0	17.9	18.7	18.7	17.9	16.0	13.6	10.9	7.6	4.0				
-50	1.7	3.0	6.2	9.4	12.1	14.3	15.7	16.3	16.3	15.7	14.3	12.1	9.4	6.2	3.0	1.7			
-60		1.9	4.2	6.9	9.4	11.5	13.2	14.0	14.0	13.2	11.5	9.4	6.9	4.2	1.9				
-70	0.5	3.7		10.3		16.6		19.2		16.6		10.3		3.7		0.5			
-80		3.7		10.3		16.6		19.2		16.6		10.3		3.7					
-90	0.5	3.7		10.3		16.6		19.2		16.6		10.3		3.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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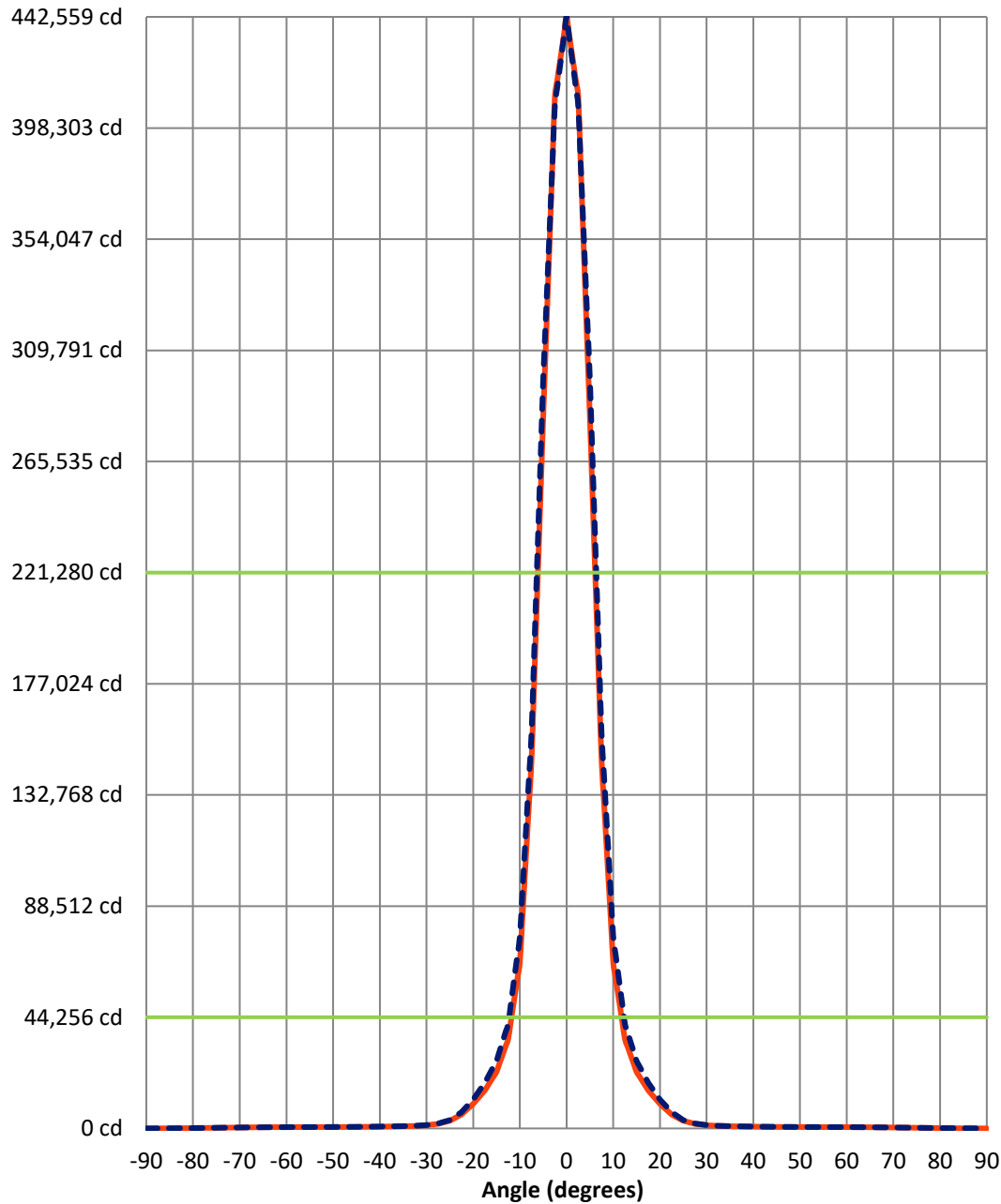
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.7°  
V Angle: 12.3°  
Lumens: 10136.6  
Efficiency: 31.6%

**Field:**  
H Angle: 24.6°  
V Angle: 23.6°  
Lumens: 22456.2  
Efficiency: 70.0%

**Spill:**  
Lumens: 9623.5  
Efficiency: 30.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.1	8.0	8.8
85°	0.0	2.1	4.1	6.0	7.8	9.4	10.8	12.6	14.3	16.0	17.6
82.5°	0.0	3.1	6.2	9.0	11.6	14.0	16.2	18.8	21.6	25.5	29.5
80°	0.0	4.1	8.3	12.0	15.5	18.7	21.9	26.9	32.2	37.6	43.2
77.5°	0.0	5.1	10.3	15.0	19.3	23.9	29.5	35.8	42.6	49.5	57.0
75°	0.0	6.2	12.3	17.9	23.4	30.2	37.0	44.7	53.1	62.7	71.8
72.5°	0.0	7.2	14.3	20.9	28.4	36.4	44.4	54.0	65.4	76.3	86.5
70°	0.0	8.1	16.3	23.9	33.3	42.6	52.1	64.9	77.6	89.8	106.5
67.5°	0.0	9.1	18.2	27.6	38.2	48.7	61.5	75.7	89.8	108.3	127.4
65°	0.0	10.1	20.1	31.2	43.0	55.4	70.7	86.3	105.5	126.2	148.3
62.5°	0.0	11.0	22.0	34.7	47.7	62.8	79.7	98.6	120.7	144.1	169.9
60°	0.0	11.9	23.8	38.2	52.3	70.1	88.4	111.3	135.5	163.2	191.0
57.5°	0.0	12.8	26.0	41.5	57.8	77.1	98.8	123.6	151.6	181.8	212.4
55°	0.0	13.6	28.2	44.8	63.2	83.9	109.1	135.7	167.7	200.2	233.6
52.5°	0.0	14.5	30.3	48.0	68.4	90.8	119.2	149.4	183.4	218.7	254.2
50°	0.0	15.3	32.3	51.1	73.4	98.9	128.9	162.8	198.8	236.7	274.7
47.5°	0.0	16.1	34.2	54.3	78.3	106.7	138.6	175.6	214.2	254.0	294.6
45°	0.0	16.8	36.1	57.8	82.9	114.2	149.1	188.0	229.1	271.4	314.0
42.5°	0.0	17.5	37.9	61.1	87.3	121.4	159.1	200.2	243.5	288.2	330.6
40°	0.0	18.2	39.6	64.1	92.1	128.3	168.7	212.1	257.4	304.4	346.1
37.5°	0.0	18.9	41.3	67.0	97.4	134.9	177.7	223.5	270.9	319.0	360.9
35°	0.0	19.5	42.8	69.7	102.3	141.6	186.1	234.2	283.6	331.3	374.2
32.5°	0.0	20.1	44.2	72.2	106.9	148.2	194.2	244.3	295.4	342.9	385.7
30°	0.0	20.6	45.6	74.5	111.3	154.4	202.3	253.8	306.4	353.6	396.3
27.5°	0.0	21.1	46.9	76.6	115.2	160.1	209.7	262.6	316.0	363.6	406.2
25°	0.0	21.6	48.0	78.5	118.8	165.2	216.6	270.7	324.1	372.0	415.1
22.5°	0.0	22.0	49.1	80.2	122.2	170.0	222.8	278.0	331.4	379.3	421.9
20°	0.0	22.4	50.0	81.7	125.2	174.3	228.3	284.5	337.9	385.8	428.1
17.5°	0.0	22.7	50.8	83.0	127.9	178.1	233.4	290.2	343.6	391.5	433.6
15°	0.0	23.0	51.6	84.1	130.3	181.4	237.8	295.1	348.5	396.4	438.5
12.5°	0.0	23.2	52.2	85.0	132.3	184.2	241.6	299.2	352.6	400.5	442.6
10°	0.0	23.4	52.7	85.6	134.0	186.6	244.7	302.4	355.9	403.7	445.9
7.5°	0.0	23.6	53.1	86.1	135.3	188.4	247.2	304.7	358.3	406.1	448.2
5°	0.0	23.7	53.4	86.4	136.2	189.7	248.9	306.3	359.9	407.7	449.6
2.5°	0.0	23.8	53.5	86.5	136.8	190.4	250.0	307.0	360.6	408.4	450.2
0°	0.0	23.8	53.6	86.4	137.0	190.7	250.3	306.9	360.5	408.2	449.9
-2.5°	0.0	23.8	53.5	86.5	136.8	190.4	250.0	307.0	360.6	408.4	450.2
-5°	0.0	23.7	53.4	86.4	136.2	189.7	248.9	306.3	359.9	407.7	449.6
-7.5°	0.0	23.6	53.1	86.1	135.3	188.4	247.2	304.7	358.3	406.1	448.2
-10°	0.0	23.4	52.7	85.6	134.0	186.6	244.7	302.4	355.9	403.7	445.9
-12.5°	0.0	23.2	52.2	85.0	132.3	184.2	241.6	299.2	352.6	400.5	442.6
-15°	0.0	23.0	51.6	84.1	130.3	181.4	237.8	295.1	348.5	396.4	438.5
-17.5°	0.0	22.7	50.8	83.0	127.9	178.1	233.4	290.2	343.6	391.5	433.6
-20°	0.0	22.4	50.0	81.7	125.2	174.3	228.3	284.5	337.9	385.8	428.1



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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	22.0	49.1	80.2	122.2	170.0	222.8	278.0	331.4	379.3	421.9
-25°	0.0	21.6	48.0	78.5	118.8	165.2	216.6	270.7	324.1	372.0	415.1
-27.5°	0.0	21.1	46.9	76.6	115.2	160.1	209.7	262.6	316.0	363.6	406.2
-30°	0.0	20.6	45.6	74.5	111.3	154.4	202.3	253.8	306.4	353.6	396.3
-32.5°	0.0	20.1	44.2	72.2	106.9	148.2	194.2	244.3	295.4	342.9	385.7
-35°	0.0	19.5	42.8	69.7	102.3	141.6	186.1	234.2	283.6	331.3	374.2
-37.5°	0.0	18.9	41.3	67.0	97.4	134.9	177.7	223.5	270.9	319.0	360.9
-40°	0.0	18.2	39.6	64.1	92.1	128.3	168.7	212.1	257.4	304.4	346.1
-42.5°	0.0	17.5	37.9	61.1	87.3	121.4	159.1	200.2	243.5	288.2	330.6
-45°	0.0	16.8	36.1	57.8	82.9	114.2	149.1	188.0	229.1	271.4	314.0
-47.5°	0.0	16.1	34.2	54.3	78.3	106.7	138.6	175.6	214.2	254.0	294.6
-50°	0.0	15.3	32.3	51.1	73.4	98.9	128.9	162.8	198.8	236.7	274.7
-52.5°	0.0	14.5	30.3	48.0	68.4	90.8	119.2	149.4	183.4	218.7	254.2
-55°	0.0	13.6	28.2	44.8	63.2	83.9	109.1	135.7	167.7	200.2	233.6
-57.5°	0.0	12.8	26.0	41.5	57.8	77.1	98.8	123.6	151.6	181.8	212.4
-60°	0.0	11.9	23.8	38.2	52.3	70.1	88.4	111.3	135.5	163.2	191.0
-62.5°	0.0	11.0	22.0	34.7	47.7	62.8	79.7	98.6	120.7	144.1	169.9
-65°	0.0	10.1	20.1	31.2	43.0	55.4	70.7	86.3	105.5	126.2	148.3
-67.5°	0.0	9.1	18.2	27.6	38.2	48.7	61.5	75.7	89.8	108.3	127.4
-70°	0.0	8.1	16.3	23.9	33.3	42.6	52.1	64.9	77.6	89.8	106.5
-72.5°	0.0	7.2	14.3	20.9	28.4	36.4	44.4	54.0	65.4	76.3	86.5
-75°	0.0	6.2	12.3	17.9	23.4	30.2	37.0	44.7	53.1	62.7	71.8
-77.5°	0.0	5.1	10.3	15.0	19.3	23.9	29.5	35.8	42.6	49.5	57.0
-80°	0.0	4.1	8.3	12.0	15.5	18.7	21.9	26.9	32.2	37.6	43.2
-82.5°	0.0	3.1	6.2	9.0	11.6	14.0	16.2	18.8	21.6	25.5	29.5
-85°	0.0	2.1	4.1	6.0	7.8	9.4	10.8	12.6	14.3	16.0	17.6
-87.5°	0.0	1.0	2.1	3.0	3.9	4.7	5.4	6.3	7.1	8.0	8.8
-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°	9.6	10.4	11.2	12.0	12.7	13.4	14.1	14.8	15.4	16.0	16.6
85°	19.3	20.9	23.0	24.8	26.5	28.1	29.5	30.8	32.5	34.3	36.1
82.5°	32.9	35.7	38.2	40.2	42.4	44.4	46.6	50.1	54.6	58.9	62.9
80°	47.3	50.6	55.4	60.6	66.2	71.5	76.6	81.5	86.9	92.7	98.7
77.5°	63.5	70.3	77.7	85.7	93.4	102.3	111.3	120.5	128.8	136.0	142.4
75°	80.4	89.6	102.0	114.4	126.1	137.7	149.6	161.1	171.1	180.5	189.8
72.5°	100.1	115.2	129.8	144.2	159.3	173.9	187.6	200.5	213.3	226.0	238.1
70°	123.7	140.8	158.5	176.6	194.1	210.3	226.2	242.4	258.2	272.5	285.3
67.5°	147.2	167.6	188.1	208.5	227.7	246.1	264.9	283.4	301.2	316.2	329.5
65°	171.5	194.3	217.1	239.1	260.1	281.7	302.9	323.4	340.0	353.9	367.3
62.5°	195.2	220.9	245.7	269.8	293.6	317.2	337.6	356.0	373.3	388.3	402.8
60°	219.4	247.3	274.3	300.8	325.9	347.5	368.3	386.8	404.1	420.6	432.9
57.5°	243.3	273.4	302.6	329.8	353.8	376.1	396.2	415.6	430.6	443.9	457.2
55°	266.7	299.0	329.1	355.9	380.2	401.6	421.9	438.1	453.1	465.6	478.7
52.5°	289.7	323.4	353.1	380.2	403.7	424.9	442.7	458.8	472.8	485.6	496.2
50°	312.1	345.2	376.1	401.6	425.1	444.9	461.7	477.1	490.7	502.4	512.0
47.5°	332.1	366.3	395.4	421.7	443.8	462.6	478.9	493.6	507.1	517.3	526.9
45°	350.7	384.4	414.0	439.0	460.7	478.4	494.2	509.4	520.5	530.7	538.1
42.5°	368.6	401.2	430.1	455.9	475.0	492.2	508.2	521.3	532.9	541.8	549.7
40°	383.8	417.4	445.0	468.5	488.1	504.5	519.2	532.4	543.8	552.6	561.1
37.5°	398.1	430.6	458.6	480.5	498.8	515.0	529.6	541.9	553.1	562.4	574.0
35°	411.9	443.1	469.1	490.4	508.3	524.2	538.2	550.8	561.8	574.6	588.0
32.5°	423.6	454.9	479.0	498.5	516.1	532.4	546.3	559.1	571.9	586.3	603.0
30°	433.5	463.7	487.6	505.9	523.4	538.8	553.8	567.5	581.5	598.8	620.6
27.5°	442.5	471.6	493.8	512.2	529.8	544.3	560.0	575.5	591.9	612.1	639.6
25°	450.9	478.9	499.3	517.9	534.4	549.4	565.6	581.6	602.1	628.8	664.7
22.5°	457.8	485.7	504.2	523.1	538.3	554.1	570.7	588.7	611.8	644.1	691.1
20°	463.3	489.7	508.3	527.1	541.4	558.3	575.2	594.7	622.3	664.4	718.9
17.5°	468.3	493.2	511.7	529.4	544.5	561.8	579.2	599.6	631.1	683.5	744.5
15°	472.7	496.1	514.5	531.3	547.3	564.5	582.8	606.0	642.7	701.9	767.6
12.5°	476.5	498.3	516.6	532.8	549.4	566.4	585.8	611.6	655.1	719.0	790.4
10°	479.7	500.1	518.1	533.8	551.0	567.4	588.1	615.2	663.9	728.7	804.0
7.5°	481.6	501.4	519.2	534.4	551.9	567.7	589.8	617.1	669.4	733.9	811.4
5°	482.7	502.5	520.4	535.4	553.0	568.5	591.3	617.4	671.7	734.8	814.2
2.5°	483.1	503.2	521.2	536.1	553.9	570.5	594.1	620.6	673.7	738.4	816.0
0°	482.7	503.5	521.4	536.3	554.2	572.0	595.9	622.7	673.3	741.9	816.3
-2.5°	483.1	503.2	521.2	536.1	553.9	570.5	594.1	620.6	673.7	738.4	816.0
-5°	482.7	502.5	520.4	535.4	553.0	568.5	591.3	617.4	671.7	734.8	814.2
-7.5°	481.6	501.4	519.2	534.4	551.9	567.7	589.8	617.1	669.4	733.9	811.4
-10°	479.7	500.1	518.1	533.8	551.0	567.4	588.1	615.2	663.9	728.7	804.0
-12.5°	476.5	498.3	516.6	532.8	549.4	566.4	585.8	611.6	655.1	719.0	790.4
-15°	472.7	496.1	514.5	531.3	547.3	564.5	582.8	606.0	642.7	701.9	767.6
-17.5°	468.3	493.2	511.7	529.4	544.5	561.8	579.2	599.6	631.1	683.5	744.5
-20°	463.3	489.7	508.3	527.1	541.4	558.3	575.2	594.7	622.3	664.4	718.9



REPORT NUMBER: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	457.8	485.7	504.2	523.1	538.3	554.1	570.7	588.7	611.8	644.1	691.1
-25°	450.9	478.9	499.3	517.9	534.4	549.4	565.6	581.6	602.1	628.8	664.7
-27.5°	442.5	471.6	493.8	512.2	529.8	544.3	560.0	575.5	591.9	612.1	639.6
-30°	433.5	463.7	487.6	505.9	523.4	538.8	553.8	567.5	581.5	598.8	620.6
-32.5°	423.6	454.9	479.0	498.5	516.1	532.4	546.3	559.1	571.9	586.3	603.0
-35°	411.9	443.1	469.1	490.4	508.3	524.2	538.2	550.8	561.8	574.6	588.0
-37.5°	398.1	430.6	458.6	480.5	498.8	515.0	529.6	541.9	553.1	562.4	574.0
-40°	383.8	417.4	445.0	468.5	488.1	504.5	519.2	532.4	543.8	552.6	561.1
-42.5°	368.6	401.2	430.1	455.9	475.0	492.2	508.2	521.3	532.9	541.8	549.7
-45°	350.7	384.4	414.0	439.0	460.7	478.4	494.2	509.4	520.5	530.7	538.1
-47.5°	332.1	366.3	395.4	421.7	443.8	462.6	478.9	493.6	507.1	517.3	526.9
-50°	312.1	345.2	376.1	401.6	425.1	444.9	461.7	477.1	490.7	502.4	512.0
-52.5°	289.7	323.4	353.1	380.2	403.7	424.9	442.7	458.8	472.8	485.6	496.2
-55°	266.7	299.0	329.1	355.9	380.2	401.6	421.9	438.1	453.1	465.6	478.7
-57.5°	243.3	273.4	302.6	329.8	353.8	376.1	396.2	415.6	430.6	443.9	457.2
-60°	219.4	247.3	274.3	300.8	325.9	347.5	368.3	386.8	404.1	420.6	432.9
-62.5°	195.2	220.9	245.7	269.8	293.6	317.2	337.6	356.0	373.3	388.3	402.8
-65°	171.5	194.3	217.1	239.1	260.1	281.7	302.9	323.4	340.0	353.9	367.3
-67.5°	147.2	167.6	188.1	208.5	227.7	246.1	264.9	283.4	301.2	316.2	329.5
-70°	123.7	140.8	158.5	176.6	194.1	210.3	226.2	242.4	258.2	272.5	285.3
-72.5°	100.1	115.2	129.8	144.2	159.3	173.9	187.6	200.5	213.3	226.0	238.1
-75°	80.4	89.6	102.0	114.4	126.1	137.7	149.6	161.1	171.1	180.5	189.8
-77.5°	63.5	70.3	77.7	85.7	93.4	102.3	111.3	120.5	128.8	136.0	142.4
-80°	47.3	50.6	55.4	60.6	66.2	71.5	76.6	81.5	86.9	92.7	98.7
-82.5°	32.9	35.7	38.2	40.2	42.4	44.4	46.6	50.1	54.6	58.9	62.9
-85°	19.3	20.9	23.0	24.8	26.5	28.1	29.5	30.8	32.5	34.3	36.1
-87.5°	9.6	10.4	11.2	12.0	12.7	13.4	14.1	14.8	15.4	16.0	16.6
-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: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.1	17.0	16.8	16.5	16.2	16.5	16.8	17.1	17.3	17.5	17.6
85°	38.0	39.5	41.1	42.8	44.4	45.6	46.6	47.6	48.4	49.0	49.6
82.5°	66.6	70.0	73.1	75.9	78.4	80.5	82.3	84.0	85.4	86.6	87.6
80°	104.0	109.2	114.0	118.6	122.7	126.1	128.9	131.2	133.1	135.2	136.9
77.5°	148.7	155.9	162.7	168.9	174.4	179.0	183.0	186.5	189.4	193.0	196.3
75°	199.2	207.8	215.7	222.9	229.5	235.5	240.8	245.4	249.3	253.2	256.5
72.5°	249.6	260.0	269.1	276.9	284.0	290.7	297.3	303.5	309.2	313.5	316.7
70°	297.1	307.8	317.6	326.4	334.6	343.1	351.7	359.7	366.9	371.6	374.3
67.5°	340.7	351.7	362.8	373.7	383.5	392.3	401.0	408.8	415.9	420.7	423.7
65°	380.2	392.2	404.2	415.4	425.7	433.2	441.1	448.5	455.5	461.1	465.2
62.5°	417.0	428.8	439.0	448.4	457.2	464.8	472.5	479.3	485.4	490.7	495.6
60°	445.1	457.2	467.0	475.8	484.0	491.5	497.6	502.7	506.8	510.1	513.3
57.5°	469.3	480.8	490.7	498.0	505.3	512.5	517.7	520.9	523.3	525.1	526.5
55°	490.1	499.3	507.6	515.7	522.8	529.1	533.7	535.8	537.1	537.8	538.5
52.5°	506.8	515.8	524.3	531.9	537.5	542.8	547.4	548.6	549.3	549.6	549.7
50°	522.0	530.8	537.6	544.0	549.8	554.6	558.5	560.3	561.4	561.6	561.0
47.5°	534.3	541.9	549.4	556.0	561.8	567.4	571.8	574.3	576.2	576.9	576.9
45°	545.1	554.0	562.0	569.7	576.5	583.7	589.8	594.0	598.1	600.9	602.3
42.5°	558.0	566.9	575.7	586.3	596.2	605.4	615.6	624.4	633.7	643.6	650.3
40°	571.0	580.6	594.2	607.0	621.4	634.4	655.7	677.0	693.2	706.9	719.3
37.5°	585.8	599.9	616.1	632.7	656.2	680.5	707.4	733.8	756.8	777.5	794.3
35°	602.9	621.8	641.7	671.1	701.0	731.1	763.2	798.3	828.1	849.8	865.4
32.5°	623.8	647.6	679.5	717.1	753.8	792.8	831.6	870.8	900.1	930.3	960.8
30°	647.0	681.3	722.5	768.3	814.1	860.7	909.5	963.7	1015.2	1070.6	1150.0
27.5°	676.6	718.4	766.8	820.9	876.2	931.7	1016.6	1109.7	1247.9	1358.3	1545.7
25°	708.1	757.1	814.9	877.5	945.0	1044.3	1199.8	1383.5	1709.2	1961.8	2344.9
22.5°	743.4	800.9	864.8	936.8	1045.6	1232.9	1498.9	1970.7	2627.4	3275.9	3997.2
20°	778.1	841.8	911.7	1020.6	1205.5	1501.8	2077.8	3098.1	4237.7	5860.2	7222.0
17.5°	811.0	878.6	967.4	1114.7	1391.5	1987.5	3103.0	4850.8	7230.9	9846.3	12027.3
15°	839.8	909.0	1028.5	1261.9	1729.4	2657.8	4342.2	7316.7	11315.7	14896.7	18090.6
12.5°	864.3	946.2	1094.8	1380.6	2023.0	3397.2	6099.1	10322.8	15206.3	20228.2	24270.3
10°	882.1	985.6	1183.3	1600.4	2489.3	4277.1	7563.5	12891.2	18771.2	24875.0	32181.9
7.5°	892.8	1013.9	1250.4	1763.7	2905.2	5256.7	9400.4	15184.4	21936.8	30269.2	41433.0
5°	900.5	1032.9	1300.2	1886.5	3183.1	5904.3	10560.2	16921.9	24668.1	36716.2	59692.0
2.5°	904.2	1041.4	1328.5	1954.0	3309.7	6237.3	11376.4	17916.8	26329.9	41264.3	72341.0
0°	902.7	1036.8	1331.8	1969.3	3327.9	6492.0	11512.1	18200.7	26891.5	41671.9	76396.0
-2.5°	904.2	1041.4	1328.5	1954.0	3309.7	6237.3	11376.4	17916.8	26329.9	41264.3	72341.0
-5°	900.5	1032.9	1300.2	1886.5	3183.1	5904.3	10560.2	16921.9	24668.1	36716.2	59692.0
-7.5°	892.8	1013.9	1250.4	1763.7	2905.2	5256.7	9400.4	15184.4	21936.8	30269.2	41433.0
-10°	882.1	985.6	1183.3	1600.4	2489.3	4277.1	7563.5	12891.2	18771.2	24875.0	32181.9
-12.5°	864.3	946.2	1094.8	1380.6	2023.0	3397.2	6099.1	10322.8	15206.3	20228.2	24270.3
-15°	839.8	909.0	1028.5	1261.9	1729.4	2657.8	4342.2	7316.7	11315.7	14896.7	18090.6
-17.5°	811.0	878.6	967.4	1114.7	1391.5	1987.5	3103.0	4850.8	7230.9	9846.3	12027.3
-20°	778.1	841.8	911.7	1020.6	1205.5	1501.8	2077.8	3098.1	4237.7	5860.2	7222.0



REPORT NUMBER: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	743.4	800.9	864.8	936.8	1045.6	1232.9	1498.9	1970.7	2627.4	3275.9	3997.2
-25°	708.1	757.1	814.9	877.5	945.0	1044.3	1199.8	1383.5	1709.2	1961.8	2344.9
-27.5°	676.6	718.4	766.8	820.9	876.2	931.7	1016.6	1109.7	1247.9	1358.3	1545.7
-30°	647.0	681.3	722.5	768.3	814.1	860.7	909.5	963.7	1015.2	1070.6	1150.0
-32.5°	623.8	647.6	679.5	717.1	753.8	792.8	831.6	870.8	900.1	930.3	960.8
-35°	602.9	621.8	641.7	671.1	701.0	731.1	763.2	798.3	828.1	849.8	865.4
-37.5°	585.8	599.9	616.1	632.7	656.2	680.5	707.4	733.8	756.8	777.5	794.3
-40°	571.0	580.6	594.2	607.0	621.4	634.4	655.7	677.0	693.2	706.9	719.3
-42.5°	558.0	566.9	575.7	586.3	596.2	605.4	615.6	624.4	633.7	643.6	650.3
-45°	545.1	554.0	562.0	569.7	576.5	583.7	589.8	594.0	598.1	600.9	602.3
-47.5°	534.3	541.9	549.4	556.0	561.8	567.4	571.8	574.3	576.2	576.9	576.9
-50°	522.0	530.8	537.6	544.0	549.8	554.6	558.5	560.3	561.4	561.6	561.0
-52.5°	506.8	515.8	524.3	531.9	537.5	542.8	547.4	548.6	549.3	549.6	549.7
-55°	490.1	499.3	507.6	515.7	522.8	529.1	533.7	535.8	537.1	537.8	538.5
-57.5°	469.3	480.8	490.7	498.0	505.3	512.5	517.7	520.9	523.3	525.1	526.5
-60°	445.1	457.2	467.0	475.8	484.0	491.5	497.6	502.7	506.8	510.1	513.3
-62.5°	417.0	428.8	439.0	448.4	457.2	464.8	472.5	479.3	485.4	490.7	495.6
-65°	380.2	392.2	404.2	415.4	425.7	433.2	441.1	448.5	455.5	461.1	465.2
-67.5°	340.7	351.7	362.8	373.7	383.5	392.3	401.0	408.8	415.9	420.7	423.7
-70°	297.1	307.8	317.6	326.4	334.6	343.1	351.7	359.7	366.9	371.6	374.3
-72.5°	249.6	260.0	269.1	276.9	284.0	290.7	297.3	303.5	309.2	313.5	316.7
-75°	199.2	207.8	215.7	222.9	229.5	235.5	240.8	245.4	249.3	253.2	256.5
-77.5°	148.7	155.9	162.7	168.9	174.4	179.0	183.0	186.5	189.4	193.0	196.3
-80°	104.0	109.2	114.0	118.6	122.7	126.1	128.9	131.2	133.1	135.2	136.9
-82.5°	66.6	70.0	73.1	75.9	78.4	80.5	82.3	84.0	85.4	86.6	87.6
-85°	38.0	39.5	41.1	42.8	44.4	45.6	46.6	47.6	48.4	49.0	49.6
-87.5°	17.1	17.0	16.8	16.5	16.2	16.5	16.8	17.1	17.3	17.5	17.6
-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: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.3	17.1
85°	50.0	50.4	50.5	50.6	50.5	50.4	50.0	49.6	49.0	48.4	47.6
82.5°	88.4	89.0	89.3	89.4	89.3	89.0	88.4	87.6	86.6	85.4	84.0
80°	138.3	139.2	139.8	140.0	139.8	139.2	138.3	136.9	135.2	133.1	131.2
77.5°	199.1	201.4	202.3	202.6	202.3	201.4	199.1	196.3	193.0	189.4	186.5
75°	259.0	260.8	261.9	262.2	261.9	260.8	259.0	256.5	253.2	249.3	245.4
72.5°	318.9	320.2	322.8	324.7	322.8	320.2	318.9	316.7	313.5	309.2	303.5
70°	376.1	376.8	379.4	381.4	379.4	376.8	376.1	374.3	371.6	366.9	359.7
67.5°	425.9	427.3	427.2	426.0	427.2	427.3	425.9	423.7	420.7	415.9	408.8
65°	468.8	471.7	471.9	470.7	471.9	471.7	468.8	465.2	461.1	455.5	448.5
62.5°	500.3	504.5	506.1	506.5	506.1	504.5	500.3	495.6	490.7	485.4	479.3
60°	515.7	517.5	518.3	518.4	518.3	517.5	515.7	513.3	510.1	506.8	502.7
57.5°	527.1	527.1	527.2	527.3	527.2	527.1	527.1	526.5	525.1	523.3	520.9
55°	538.9	538.9	538.0	536.3	538.0	538.9	538.9	538.5	537.8	537.1	535.8
52.5°	549.3	548.4	546.9	545.2	546.9	548.4	549.3	549.7	549.6	549.3	548.6
50°	559.7	557.8	556.9	557.1	556.9	557.8	559.7	561.0	561.6	561.4	560.3
47.5°	576.4	575.1	574.6	575.0	574.6	575.1	576.4	576.9	576.9	576.2	574.3
45°	602.8	601.9	601.2	601.8	601.2	601.9	602.8	602.3	600.9	598.1	594.0
42.5°	654.0	654.5	654.2	655.5	654.2	654.5	654.0	650.3	643.6	633.7	624.4
40°	724.3	724.0	721.6	721.0	721.6	724.0	724.3	719.3	706.9	693.2	677.0
37.5°	801.1	801.2	798.7	798.5	798.7	801.2	801.1	794.3	777.5	756.8	733.8
35°	873.6	876.3	875.7	872.9	875.7	876.3	873.6	865.4	849.8	828.1	798.3
32.5°	982.4	999.0	1007.8	1004.0	1007.8	999.0	982.4	960.8	930.3	900.1	870.8
30°	1199.8	1242.7	1265.3	1275.2	1265.3	1242.7	1199.8	1150.0	1070.6	1015.2	963.7
27.5°	1679.8	1774.4	1817.0	1832.3	1817.0	1774.4	1679.8	1545.7	1358.3	1247.9	1109.7
25°	2679.6	2893.6	2999.0	3033.0	2999.0	2893.6	2679.6	2344.9	1961.8	1709.2	1383.5
22.5°	4791.5	5203.4	5485.1	5547.5	5485.1	5203.4	4791.5	3997.2	3275.9	2627.4	1970.7
20°	8591.2	9387.8	9820.1	9781.1	9820.1	9387.8	8591.2	7222.0	5860.2	4237.7	3098.1
17.5°	13881.2	14902.8	15389.1	15161.8	15389.1	14902.8	13881.2	12027.3	9846.3	7230.9	4850.8
15°	20349.4	21729.5	22331.5	22517.8	22331.5	21729.5	20349.4	18090.6	14896.7	11315.7	7316.7
12.5°	28305.1	32829.7	34993.5	35573.2	34993.5	32829.7	28305.1	24270.3	20228.2	15206.3	10322.8
10°	39655.6	54864.8	63911.4	66120.3	63911.4	54864.8	39655.6	32181.9	24875.0	18771.2	12891.2
7.5°	64761.1	95667.4	130289.5	146684.5	130289.5	95667.4	64761.1	41433.0	30269.2	21936.8	15184.4
5°	98760.4	171406.7	251567.4	282991.9	251567.4	171406.7	98760.4	59692.0	36716.2	24668.1	16921.9
2.5°	140092.4	258810.9	369573.5	410863.4	369573.5	258810.9	140092.4	72341.0	41264.3	26329.9	17916.8
0°	157554.6	298380.2	407189.9	442559.0	407189.9	298380.2	157554.6	76396.0	41671.9	26891.5	18200.7
-2.5°	140092.4	258810.9	369573.5	410863.3	369573.5	258810.9	140092.4	72341.0	41264.3	26329.9	17916.8
-5°	98760.4	171406.7	251567.4	282991.9	251567.4	171406.7	98760.4	59692.0	36716.2	24668.1	16921.9
-7.5°	64761.1	95667.4	130289.5	146684.5	130289.5	95667.4	64761.1	41433.0	30269.2	21936.8	15184.4
-10°	39655.6	54864.8	63911.4	66120.3	63911.4	54864.8	39655.6	32181.9	24875.0	18771.2	12891.2
-12.5°	28305.1	32829.7	34993.5	35573.2	34993.5	32829.7	28305.1	24270.3	20228.2	15206.3	10322.8
-15°	20349.4	21729.5	22331.5	22517.8	22331.5	21729.5	20349.4	18090.6	14896.7	11315.7	7316.7
-17.5°	13881.2	14902.8	15389.1	15161.8	15389.1	14902.8	13881.2	12027.3	9846.3	7230.9	4850.8
-20°	8591.2	9387.8	9820.1	9781.1	9820.1	9387.8	8591.2	7222.0	5860.2	4237.7	3098.1



REPORT NUMBER: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4791.5	5203.4	5485.1	5547.5	5485.1	5203.4	4791.5	3997.2	3275.9	2627.4	1970.7
-25°	2679.6	2893.6	2999.0	3033.0	2999.0	2893.6	2679.6	2344.9	1961.8	1709.2	1383.5
-27.5°	1679.8	1774.4	1817.0	1832.3	1817.0	1774.4	1679.8	1545.7	1358.3	1247.9	1109.7
-30°	1199.8	1242.7	1265.3	1275.2	1265.3	1242.7	1199.8	1150.0	1070.6	1015.2	963.7
-32.5°	982.4	999.0	1007.8	1004.0	1007.8	999.0	982.4	960.8	930.3	900.1	870.8
-35°	873.6	876.3	875.7	872.9	875.7	876.3	873.6	865.4	849.8	828.1	798.3
-37.5°	801.1	801.2	798.7	798.5	798.7	801.2	801.1	794.3	777.5	756.8	733.8
-40°	724.3	724.0	721.6	721.0	721.6	724.0	724.3	719.3	706.9	693.2	677.0
-42.5°	654.0	654.5	654.2	655.5	654.2	654.5	654.0	650.3	643.6	633.7	624.4
-45°	602.8	601.9	601.2	601.8	601.2	601.9	602.8	602.3	600.9	598.1	594.0
-47.5°	576.4	575.1	574.6	575.0	574.6	575.1	576.4	576.9	576.9	576.2	574.3
-50°	559.7	557.8	556.9	557.1	556.9	557.8	559.7	561.0	561.6	561.4	560.3
-52.5°	549.3	548.4	546.9	545.2	546.9	548.4	549.3	549.7	549.6	549.3	548.6
-55°	538.9	538.9	538.0	536.3	538.0	538.9	538.9	538.5	537.8	537.1	535.8
-57.5°	527.1	527.1	527.2	527.3	527.2	527.1	527.1	526.5	525.1	523.3	520.9
-60°	515.7	517.5	518.3	518.4	518.3	517.5	515.7	513.3	510.1	506.8	502.7
-62.5°	500.3	504.5	506.1	506.5	506.1	504.5	500.3	495.6	490.7	485.4	479.3
-65°	468.8	471.7	471.9	470.7	471.9	471.7	468.8	465.2	461.1	455.5	448.5
-67.5°	425.9	427.3	427.2	426.0	427.2	427.3	425.9	423.7	420.7	415.9	408.8
-70°	376.1	376.8	379.4	381.4	379.4	376.8	376.1	374.3	371.6	366.9	359.7
-72.5°	318.9	320.2	322.8	324.7	322.8	320.2	318.9	316.7	313.5	309.2	303.5
-75°	259.0	260.8	261.9	262.2	261.9	260.8	259.0	256.5	253.2	249.3	245.4
-77.5°	199.1	201.4	202.3	202.6	202.3	201.4	199.1	196.3	193.0	189.4	186.5
-80°	138.3	139.2	139.8	140.0	139.8	139.2	138.3	136.9	135.2	133.1	131.2
-82.5°	88.4	89.0	89.3	89.4	89.3	89.0	88.4	87.6	86.6	85.4	84.0
-85°	50.0	50.4	50.5	50.6	50.5	50.4	50.0	49.6	49.0	48.4	47.6
-87.5°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.3	17.1
-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: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.8	16.5	16.2	16.5	16.8	17.0	17.1	16.6	16.0	15.4	14.8
85°	46.6	45.6	44.4	42.8	41.1	39.5	38.0	36.1	34.3	32.5	30.8
82.5°	82.3	80.5	78.4	75.9	73.1	70.0	66.6	62.9	58.9	54.6	50.1
80°	128.9	126.1	122.7	118.6	114.0	109.2	104.0	98.7	92.7	86.9	81.5
77.5°	183.0	179.0	174.4	168.9	162.7	155.9	148.7	142.4	136.0	128.8	120.5
75°	240.8	235.5	229.5	222.9	215.7	207.8	199.2	189.8	180.5	171.1	161.1
72.5°	297.3	290.7	284.0	276.9	269.1	260.0	249.6	238.1	226.0	213.3	200.5
70°	351.7	343.1	334.6	326.4	317.6	307.8	297.1	285.3	272.5	258.2	242.4
67.5°	401.0	392.3	383.5	373.7	362.8	351.7	340.7	329.5	316.2	301.2	283.4
65°	441.1	433.2	425.7	415.4	404.2	392.2	380.2	367.3	353.9	340.0	323.4
62.5°	472.5	464.8	457.2	448.4	439.0	428.8	417.0	402.8	388.3	373.3	356.0
60°	497.6	491.5	484.0	475.8	467.0	457.2	445.1	432.9	420.6	404.1	386.8
57.5°	517.7	512.5	505.3	498.0	490.7	480.8	469.3	457.2	443.9	430.6	415.6
55°	533.7	529.1	522.8	515.7	507.6	499.3	490.1	478.7	465.6	453.1	438.1
52.5°	547.4	542.8	537.5	531.9	524.3	515.8	506.8	496.2	485.6	472.8	458.8
50°	558.5	554.6	549.8	544.0	537.6	530.8	522.0	512.0	502.4	490.7	477.1
47.5°	571.8	567.4	561.8	556.0	549.4	541.9	534.3	526.9	517.3	507.1	493.6
45°	589.8	583.7	576.5	569.7	562.0	554.0	545.1	538.1	530.7	520.5	509.4
42.5°	615.6	605.4	596.2	586.3	575.7	566.9	558.0	549.7	541.8	532.9	521.3
40°	655.7	634.4	621.4	607.0	594.2	580.6	571.0	561.1	552.6	543.8	532.4
37.5°	707.4	680.5	656.2	632.7	616.1	599.9	585.8	574.0	562.4	553.1	541.9
35°	763.2	731.1	701.0	671.1	641.7	621.8	602.9	588.0	574.6	561.8	550.8
32.5°	831.6	792.8	753.8	717.1	679.5	647.6	623.8	603.0	586.3	571.9	559.1
30°	909.5	860.7	814.1	768.3	722.5	681.3	647.0	620.6	598.8	581.5	567.5
27.5°	1016.6	931.7	876.2	820.9	766.8	718.4	676.6	639.6	612.1	591.9	575.5
25°	1199.8	1044.3	945.0	877.5	814.9	757.1	708.1	664.7	628.8	602.1	581.6
22.5°	1498.9	1232.9	1045.6	936.8	864.8	800.9	743.4	691.1	644.1	611.8	588.7
20°	2077.8	1501.8	1205.5	1020.6	911.7	841.8	778.1	718.9	664.4	622.3	594.7
17.5°	3103.0	1987.5	1391.5	1114.7	967.4	878.6	811.0	744.5	683.5	631.1	599.6
15°	4342.2	2657.8	1729.4	1261.9	1028.5	909.0	839.8	767.6	701.9	642.7	606.0
12.5°	6099.1	3397.2	2023.0	1380.6	1094.8	946.2	864.3	790.4	719.0	655.1	611.6
10°	7563.5	4277.1	2489.3	1600.4	1183.3	985.6	882.1	804.0	728.7	663.9	615.2
7.5°	9400.4	5256.7	2905.2	1763.7	1250.4	1013.9	892.8	811.4	733.9	669.4	617.1
5°	10560.2	5904.3	3183.1	1886.5	1300.2	1032.9	900.5	814.2	734.8	671.7	617.4
2.5°	11376.4	6237.3	3309.7	1954.0	1328.5	1041.4	904.2	816.0	738.4	673.7	620.6
0°	11512.1	6492.0	3327.9	1969.3	1331.8	1036.8	902.7	816.3	741.9	673.3	622.7
-2.5°	11376.4	6237.3	3309.7	1954.0	1328.5	1041.4	904.2	816.0	738.4	673.7	620.6
-5°	10560.2	5904.3	3183.1	1886.5	1300.2	1032.9	900.5	814.2	734.8	671.7	617.4
-7.5°	9400.4	5256.7	2905.2	1763.7	1250.4	1013.9	892.8	811.4	733.9	669.4	617.1
-10°	7563.5	4277.1	2489.3	1600.4	1183.3	985.6	882.1	804.0	728.7	663.9	615.2
-12.5°	6099.1	3397.2	2023.0	1380.6	1094.8	946.2	864.3	790.4	719.0	655.1	611.6
-15°	4342.2	2657.8	1729.4	1261.9	1028.5	909.0	839.8	767.6	701.9	642.7	606.0
-17.5°	3103.0	1987.5	1391.5	1114.7	967.4	878.6	811.0	744.5	683.5	631.1	599.6
-20°	2077.8	1501.8	1205.5	1020.6	911.7	841.8	778.1	718.9	664.4	622.3	594.7



REPORT NUMBER: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1498.9	1232.9	1045.6	936.8	864.8	800.9	743.4	691.1	644.1	611.8	588.7
-25°	1199.8	1044.3	945.0	877.5	814.9	757.1	708.1	664.7	628.8	602.1	581.6
-27.5°	1016.6	931.7	876.2	820.9	766.8	718.4	676.6	639.6	612.1	591.9	575.5
-30°	909.5	860.7	814.1	768.3	722.5	681.3	647.0	620.6	598.8	581.5	567.5
-32.5°	831.6	792.8	753.8	717.1	679.5	647.6	623.8	603.0	586.3	571.9	559.1
-35°	763.2	731.1	701.0	671.1	641.7	621.8	602.9	588.0	574.6	561.8	550.8
-37.5°	707.4	680.5	656.2	632.7	616.1	599.9	585.8	574.0	562.4	553.1	541.9
-40°	655.7	634.4	621.4	607.0	594.2	580.6	571.0	561.1	552.6	543.8	532.4
-42.5°	615.6	605.4	596.2	586.3	575.7	566.9	558.0	549.7	541.8	532.9	521.3
-45°	589.8	583.7	576.5	569.7	562.0	554.0	545.1	538.1	530.7	520.5	509.4
-47.5°	571.8	567.4	561.8	556.0	549.4	541.9	534.3	526.9	517.3	507.1	493.6
-50°	558.5	554.6	549.8	544.0	537.6	530.8	522.0	512.0	502.4	490.7	477.1
-52.5°	547.4	542.8	537.5	531.9	524.3	515.8	506.8	496.2	485.6	472.8	458.8
-55°	533.7	529.1	522.8	515.7	507.6	499.3	490.1	478.7	465.6	453.1	438.1
-57.5°	517.7	512.5	505.3	498.0	490.7	480.8	469.3	457.2	443.9	430.6	415.6
-60°	497.6	491.5	484.0	475.8	467.0	457.2	445.1	432.9	420.6	404.1	386.8
-62.5°	472.5	464.8	457.2	448.4	439.0	428.8	417.0	402.8	388.3	373.3	356.0
-65°	441.1	433.2	425.7	415.4	404.2	392.2	380.2	367.3	353.9	340.0	323.4
-67.5°	401.0	392.3	383.5	373.7	362.8	351.7	340.7	329.5	316.2	301.2	283.4
-70°	351.7	343.1	334.6	326.4	317.6	307.8	297.1	285.3	272.5	258.2	242.4
-72.5°	297.3	290.7	284.0	276.9	269.1	260.0	249.6	238.1	226.0	213.3	200.5
-75°	240.8	235.5	229.5	222.9	215.7	207.8	199.2	189.8	180.5	171.1	161.1
-77.5°	183.0	179.0	174.4	168.9	162.7	155.9	148.7	142.4	136.0	128.8	120.5
-80°	128.9	126.1	122.7	118.6	114.0	109.2	104.0	98.7	92.7	86.9	81.5
-82.5°	82.3	80.5	78.4	75.9	73.1	70.0	66.6	62.9	58.9	54.6	50.1
-85°	46.6	45.6	44.4	42.8	41.1	39.5	38.0	36.1	34.3	32.5	30.8
-87.5°	16.8	16.5	16.2	16.5	16.8	17.0	17.1	16.6	16.0	15.4	14.8
-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: P559216 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6D-935-U-TS-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°	14.1	13.4	12.7	12.0	11.2	10.4	9.6	8.8	8.0	7.1	6.3
85°	29.5	28.1	26.5	24.8	23.0	20.9	19.3	17.6	16.0	14.3	12.6
82.5°	46.6	44.4	42.4	40.2	38.2	35.7	32.9	29.5	25.5	21.6	18.8
80°	76.6	71.5	66.2	60.6	55.4	50.6	47.3	43.2	37.6	32.2	26.9
77.5°	111.3	102.3	93.4	85.7	77.7	70.3	63.5	57.0	49.5	42.6	35.8
75°	149.6	137.7	126.1	114.4	102.0	89.6	80.4	71.8	62.7	53.1	44.7
72.5°	187.6	173.9	159.3	144.2	129.8	115.2	100.1	86.5	76.3	65.4	54.0
70°	226.2	210.3	194.1	176.6	158.5	140.8	123.7	106.5	89.8	77.6	64.9
67.5°	264.9	246.1	227.7	208.5	188.1	167.6	147.2	127.4	108.3	89.8	75.7
65°	302.9	281.7	260.1	239.1	217.1	194.3	171.5	148.3	126.2	105.5	86.3
62.5°	337.6	317.2	293.6	269.8	245.7	220.9	195.2	169.9	144.1	120.7	98.6
60°	368.3	347.5	325.9	300.8	274.3	247.3	219.4	191.0	163.2	135.5	111.3
57.5°	396.2	376.1	353.8	329.8	302.6	273.4	243.3	212.4	181.8	151.6	123.6
55°	421.9	401.6	380.2	355.9	329.1	299.0	266.7	233.6	200.2	167.7	135.7
52.5°	442.7	424.9	403.7	380.2	353.1	323.4	289.7	254.2	218.7	183.4	149.4
50°	461.7	444.9	425.1	401.6	376.1	345.2	312.1	274.7	236.7	198.8	162.8
47.5°	478.9	462.6	443.8	421.7	395.4	366.3	332.1	294.6	254.0	214.2	175.6
45°	494.2	478.4	460.7	439.0	414.0	384.4	350.7	314.0	271.4	229.1	188.0
42.5°	508.2	492.2	475.0	455.9	430.1	401.2	368.6	330.6	288.2	243.5	200.2
40°	519.2	504.5	488.1	468.5	445.0	417.4	383.8	346.1	304.4	257.4	212.1
37.5°	529.6	515.0	498.8	480.5	458.6	430.6	398.1	360.9	319.0	270.9	223.5
35°	538.2	524.2	508.3	490.4	469.1	443.1	411.9	374.2	331.3	283.6	234.2
32.5°	546.3	532.4	516.1	498.5	479.0	454.9	423.6	385.7	342.9	295.4	244.3
30°	553.8	538.8	523.4	505.9	487.6	463.7	433.5	396.3	353.6	306.4	253.8
27.5°	560.0	544.3	529.8	512.2	493.8	471.6	442.5	406.2	363.6	316.0	262.6
25°	565.6	549.4	534.4	517.9	499.3	478.9	450.9	415.1	372.0	324.1	270.7
22.5°	570.7	554.1	538.3	523.1	504.2	485.7	457.8	421.9	379.3	331.4	278.0
20°	575.2	558.3	541.4	527.1	508.3	489.7	463.3	428.1	385.8	337.9	284.5
17.5°	579.2	561.8	544.5	529.4	511.7	493.2	468.3	433.6	391.5	343.6	290.2
15°	582.8	564.5	547.3	531.3	514.5	496.1	472.7	438.5	396.4	348.5	295.1
12.5°	585.8	566.4	549.4	532.8	516.6	498.3	476.5	442.6	400.5	352.6	299.2
10°	588.1	567.4	551.0	533.8	518.1	500.1	479.7	445.9	403.7	355.9	302.4
7.5°	589.8	567.7	551.9	534.4	519.2	501.4	481.6	448.2	406.1	358.3	304.7
5°	591.3	568.5	553.0	535.4	520.4	502.5	482.7	449.6	407.7	359.9	306.3
2.5°	594.1	570.5	553.9	536.1	521.2	503.2	483.1	450.2	408.4	360.6	307.0
0°	595.9	572.0	554.2	536.3	521.4	503.5	482.7	449.9	408.2	360.5	306.9
-2.5°	594.1	570.5	553.9	536.1	521.2	503.2	483.1	450.2	408.4	360.6	307.0
-5°	591.3	568.5	553.0	535.4	520.4	502.5	482.7	449.6	407.7	359.9	306.3
-7.5°	589.8	567.7	551.9	534.4	519.2	501.4	481.6	448.2	406.1	358.3	304.7
-10°	588.1	567.4	551.0	533.8	518.1	500.1	479.7	445.9	403.7	355.9	302.4
-12.5°	585.8	566.4	549.4	532.8	516.6	498.3	476.5	442.6	400.5	352.6	299.2
-15°	582.8	564.5	547.3	531.3	514.5	496.1	472.7	438.5	396.4	348.5	295.1
-17.5°	579.2	561.8	544.5	529.4	511.7	493.2	468.3	433.6	391.5	343.6	290.2
-20°	575.2	558.3	541.4	527.1	508.3	489.7	463.3	428.1	385.8	337.9	284.5



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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°	570.7	554.1	538.3	523.1	504.2	485.7	457.8	421.9	379.3	331.4	278.0
-25°	565.6	549.4	534.4	517.9	499.3	478.9	450.9	415.1	372.0	324.1	270.7
-27.5°	560.0	544.3	529.8	512.2	493.8	471.6	442.5	406.2	363.6	316.0	262.6
-30°	553.8	538.8	523.4	505.9	487.6	463.7	433.5	396.3	353.6	306.4	253.8
-32.5°	546.3	532.4	516.1	498.5	479.0	454.9	423.6	385.7	342.9	295.4	244.3
-35°	538.2	524.2	508.3	490.4	469.1	443.1	411.9	374.2	331.3	283.6	234.2
-37.5°	529.6	515.0	498.8	480.5	458.6	430.6	398.1	360.9	319.0	270.9	223.5
-40°	519.2	504.5	488.1	468.5	445.0	417.4	383.8	346.1	304.4	257.4	212.1
-42.5°	508.2	492.2	475.0	455.9	430.1	401.2	368.6	330.6	288.2	243.5	200.2
-45°	494.2	478.4	460.7	439.0	414.0	384.4	350.7	314.0	271.4	229.1	188.0
-47.5°	478.9	462.6	443.8	421.7	395.4	366.3	332.1	294.6	254.0	214.2	175.6
-50°	461.7	444.9	425.1	401.6	376.1	345.2	312.1	274.7	236.7	198.8	162.8
-52.5°	442.7	424.9	403.7	380.2	353.1	323.4	289.7	254.2	218.7	183.4	149.4
-55°	421.9	401.6	380.2	355.9	329.1	299.0	266.7	233.6	200.2	167.7	135.7
-57.5°	396.2	376.1	353.8	329.8	302.6	273.4	243.3	212.4	181.8	151.6	123.6
-60°	368.3	347.5	325.9	300.8	274.3	247.3	219.4	191.0	163.2	135.5	111.3
-62.5°	337.6	317.2	293.6	269.8	245.7	220.9	195.2	169.9	144.1	120.7	98.6
-65°	302.9	281.7	260.1	239.1	217.1	194.3	171.5	148.3	126.2	105.5	86.3
-67.5°	264.9	246.1	227.7	208.5	188.1	167.6	147.2	127.4	108.3	89.8	75.7
-70°	226.2	210.3	194.1	176.6	158.5	140.8	123.7	106.5	89.8	77.6	64.9
-72.5°	187.6	173.9	159.3	144.2	129.8	115.2	100.1	86.5	76.3	65.4	54.0
-75°	149.6	137.7	126.1	114.4	102.0	89.6	80.4	71.8	62.7	53.1	44.7
-77.5°	111.3	102.3	93.4	85.7	77.7	70.3	63.5	57.0	49.5	42.6	35.8
-80°	76.6	71.5	66.2	60.6	55.4	50.6	47.3	43.2	37.6	32.2	26.9
-82.5°	46.6	44.4	42.4	40.2	38.2	35.7	32.9	29.5	25.5	21.6	18.8
-85°	29.5	28.1	26.5	24.8	23.0	20.9	19.3	17.6	16.0	14.3	12.6
-87.5°	14.1	13.4	12.7	12.0	11.2	10.4	9.6	8.8	8.0	7.1	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	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°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
85°	10.8	9.4	7.8	6.0	4.1	2.1	0.0
82.5°	16.2	14.0	11.6	9.0	6.2	3.1	0.0
80°	21.9	18.7	15.5	12.0	8.3	4.1	0.0
77.5°	29.5	23.9	19.3	15.0	10.3	5.1	0.0
75°	37.0	30.2	23.4	17.9	12.3	6.2	0.0
72.5°	44.4	36.4	28.4	20.9	14.3	7.2	0.0
70°	52.1	42.6	33.3	23.9	16.3	8.1	0.0
67.5°	61.5	48.7	38.2	27.6	18.2	9.1	0.0
65°	70.7	55.4	43.0	31.2	20.1	10.1	0.0
62.5°	79.7	62.8	47.7	34.7	22.0	11.0	0.0
60°	88.4	70.1	52.3	38.2	23.8	11.9	0.0
57.5°	98.8	77.1	57.8	41.5	26.0	12.8	0.0
55°	109.1	83.9	63.2	44.8	28.2	13.6	0.0
52.5°	119.2	90.8	68.4	48.0	30.3	14.5	0.0
50°	128.9	98.9	73.4	51.1	32.3	15.3	0.0
47.5°	138.6	106.7	78.3	54.3	34.2	16.1	0.0
45°	149.1	114.2	82.9	57.8	36.1	16.8	0.0
42.5°	159.1	121.4	87.3	61.1	37.9	17.5	0.0
40°	168.7	128.3	92.1	64.1	39.6	18.2	0.0
37.5°	177.7	134.9	97.4	67.0	41.3	18.9	0.0
35°	186.1	141.6	102.3	69.7	42.8	19.5	0.0
32.5°	194.2	148.2	106.9	72.2	44.2	20.1	0.0
30°	202.3	154.4	111.3	74.5	45.6	20.6	0.0
27.5°	209.7	160.1	115.2	76.6	46.9	21.1	0.0
25°	216.6	165.2	118.8	78.5	48.0	21.6	0.0
22.5°	222.8	170.0	122.2	80.2	49.1	22.0	0.0
20°	228.3	174.3	125.2	81.7	50.0	22.4	0.0
17.5°	233.4	178.1	127.9	83.0	50.8	22.7	0.0
15°	237.8	181.4	130.3	84.1	51.6	23.0	0.0
12.5°	241.6	184.2	132.3	85.0	52.2	23.2	0.0
10°	244.7	186.6	134.0	85.6	52.7	23.4	0.0
7.5°	247.2	188.4	135.3	86.1	53.1	23.6	0.0
5°	248.9	189.7	136.2	86.4	53.4	23.7	0.0
2.5°	250.0	190.4	136.8	86.5	53.5	23.8	0.0
0°	250.3	190.7	137.0	86.4	53.6	23.8	0.0
-2.5°	250.0	190.4	136.8	86.5	53.5	23.8	0.0
-5°	248.9	189.7	136.2	86.4	53.4	23.7	0.0
-7.5°	247.2	188.4	135.3	86.1	53.1	23.6	0.0
-10°	244.7	186.6	134.0	85.6	52.7	23.4	0.0
-12.5°	241.6	184.2	132.3	85.0	52.2	23.2	0.0
-15°	237.8	181.4	130.3	84.1	51.6	23.0	0.0
-17.5°	233.4	178.1	127.9	83.0	50.8	22.7	0.0
-20°	228.3	174.3	125.2	81.7	50.0	22.4	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	222.8	170.0	122.2	80.2	49.1	22.0	0.0
-25°	216.6	165.2	118.8	78.5	48.0	21.6	0.0
-27.5°	209.7	160.1	115.2	76.6	46.9	21.1	0.0
-30°	202.3	154.4	111.3	74.5	45.6	20.6	0.0
-32.5°	194.2	148.2	106.9	72.2	44.2	20.1	0.0
-35°	186.1	141.6	102.3	69.7	42.8	19.5	0.0
-37.5°	177.7	134.9	97.4	67.0	41.3	18.9	0.0
-40°	168.7	128.3	92.1	64.1	39.6	18.2	0.0
-42.5°	159.1	121.4	87.3	61.1	37.9	17.5	0.0
-45°	149.1	114.2	82.9	57.8	36.1	16.8	0.0
-47.5°	138.6	106.7	78.3	54.3	34.2	16.1	0.0
-50°	128.9	98.9	73.4	51.1	32.3	15.3	0.0
-52.5°	119.2	90.8	68.4	48.0	30.3	14.5	0.0
-55°	109.1	83.9	63.2	44.8	28.2	13.6	0.0
-57.5°	98.8	77.1	57.8	41.5	26.0	12.8	0.0
-60°	88.4	70.1	52.3	38.2	23.8	11.9	0.0
-62.5°	79.7	62.8	47.7	34.7	22.0	11.0	0.0
-65°	70.7	55.4	43.0	31.2	20.1	10.1	0.0
-67.5°	61.5	48.7	38.2	27.6	18.2	9.1	0.0
-70°	52.1	42.6	33.3	23.9	16.3	8.1	0.0
-72.5°	44.4	36.4	28.4	20.9	14.3	7.2	0.0
-75°	37.0	30.2	23.4	17.9	12.3	6.2	0.0
-77.5°	29.5	23.9	19.3	15.0	10.3	5.1	0.0
-80°	21.9	18.7	15.5	12.0	8.3	4.1	0.0
-82.5°	16.2	14.0	11.6	9.0	6.2	3.1	0.0
-85°	10.8	9.4	7.8	6.0	4.1	2.1	0.0
-87.5°	5.4	4.7	3.9	3.0	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)