

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: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559215 (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-SA6D-935-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

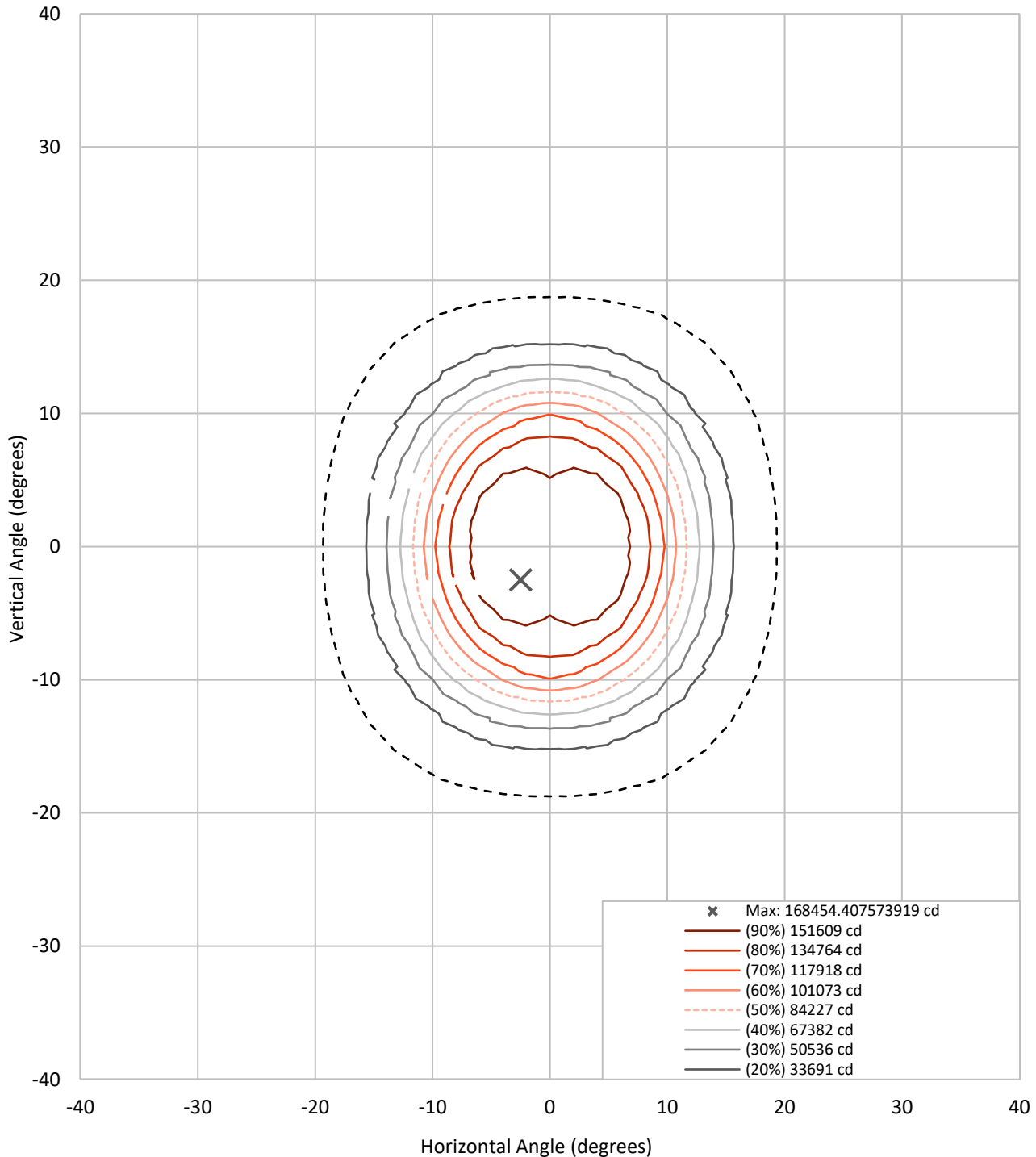
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31854.5 lumens	Max Intensity:	168454.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	99.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	17197.2 lumens	Field Lumens:	25934.3 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





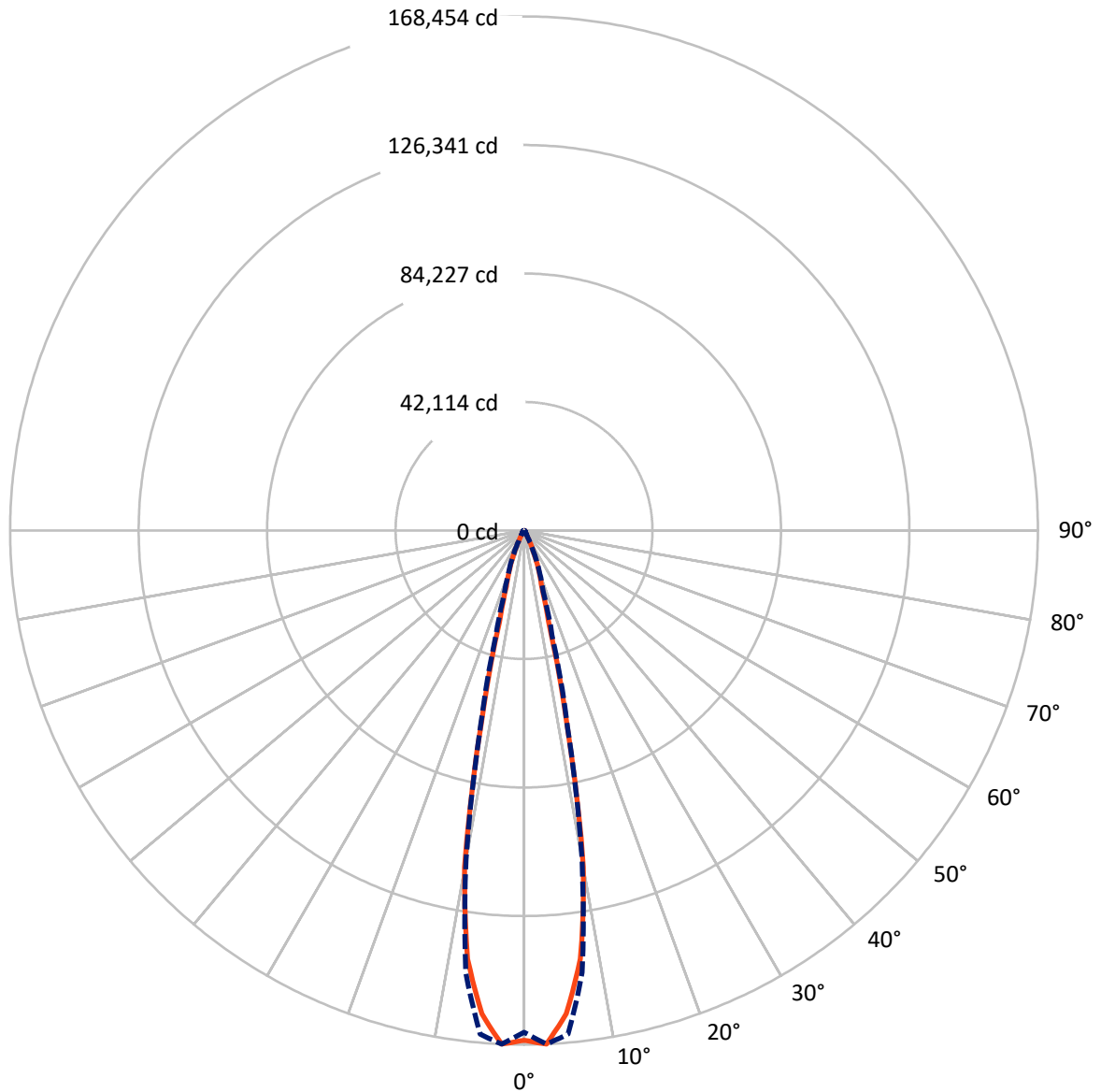
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Lumen Table

90	0.4		3.2		8.6		13.7		15.9		13.7		8.6		3.2		0.4		
80	0.4		3.2		8.6		13.7		15.9		13.7		8.6		3.2		0.4		
70	1.5	1.7	3.4	5.6	7.7	9.5	10.9	11.5	11.5	10.9	9.5	7.7	5.6	3.4	1.7	1.5			
60		2.5	5.1	7.9	10.5	12.6	14.0	14.5	14.5	14.0	12.6	10.5	7.9	5.1	2.5				
50	2.7	3.3	6.4	9.6	12.3	15.0	17.2	18.3	18.3	17.2	15.0	12.3	9.6	6.4	3.3	2.7			
40		4.0	7.4	10.7	14.5	19.8	26.0	31.2	31.2	26.0	19.8	14.5	10.7	7.4	4.0				
30	3.6	4.5	8.1	11.9	18.0	32.5	97.8	190.6	190.6	97.8	32.5	18.0	11.9	8.1	4.5	3.6			
20		4.8	8.4	12.6	22.5	96.6	446.0	1146.8	1146.8	446.0	96.6	22.5	12.6	8.4	4.8				
10	3.9	4.9	8.5	13.3	26.9	188.2	1161.3	4102.8	4102.8	1161.3	188.2	26.9	13.3	8.5	4.9	3.9			
0		4.9	8.5	13.3	26.9	188.2	1161.3	4102.8	4102.8	1161.3	188.2	26.9	13.3	8.5	4.9				
-10	3.6	4.8	8.4	12.6	22.5	96.6	446.0	1146.8	1146.8	446.0	96.6	22.5	12.6	8.4	4.8	3.6			
-20		4.5	8.1	11.9	18.0	32.5	97.8	190.6	190.6	97.8	32.5	18.0	11.9	8.1	4.5				
-30	2.7	4.0	7.4	10.7	14.5	19.8	26.0	31.2	31.2	26.0	19.8	14.5	10.7	7.4	4.0	2.7			
-40		3.3	6.4	9.6	12.3	15.0	17.2	18.3	18.3	17.2	15.0	12.3	9.6	6.4	3.3				
-50	1.5	2.5	5.1	7.9	10.5	12.6	14.0	14.5	14.5	14.0	12.6	10.5	7.9	5.1	2.5	1.5			
-60		1.7	3.4	5.6	7.7	9.5	10.9	11.5	11.5	10.9	9.5	7.7	5.6	3.4	1.7				
-70	0.4		3.2		8.6		13.7		15.9		13.7		8.6		3.2		0.4		
-80	0.4		3.2		8.6		13.7		15.9		13.7		8.6		3.2		0.4		
-90	0.4		3.2		8.6		13.7		15.9		13.7		8.6		3.2		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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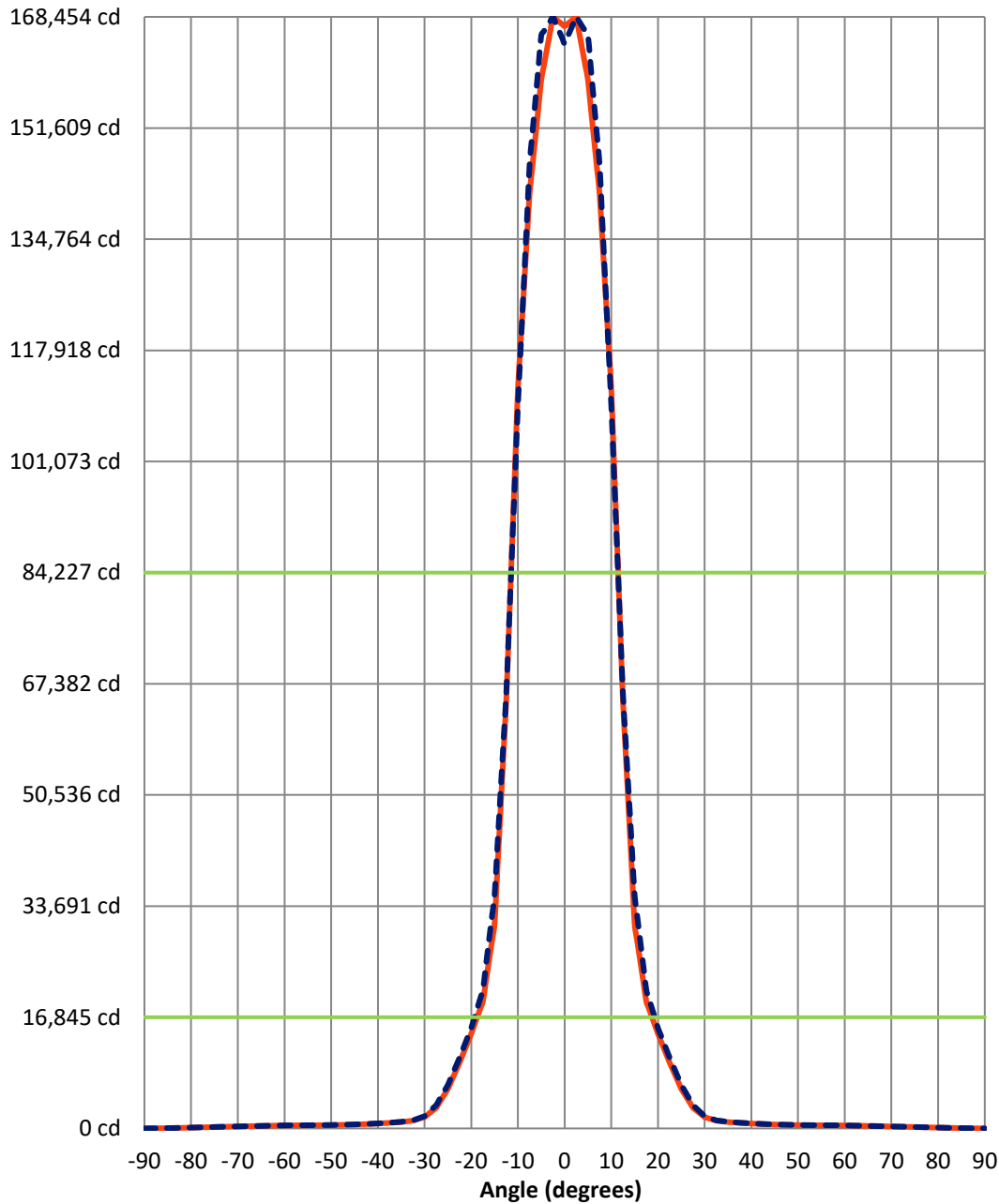
Luminous Intensity Polar Plot



— 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: 17197.2
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 25934.3
 Efficiency: 81.4%

Spill:
 Lumens: 5920.2
 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	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.8	7.6
85°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	10.8	12.2	13.7	15.1
82.5°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.1	18.6	22.1	25.8
80°	0.0	3.1	6.2	9.3	12.4	15.4	18.7	23.3	28.1	33.1	38.2
77.5°	0.0	3.9	7.7	11.6	15.4	19.9	25.6	31.4	37.6	43.9	50.8
75°	0.0	4.6	9.3	13.9	18.8	25.8	32.4	39.4	47.1	56.0	64.3
72.5°	0.0	5.4	10.8	16.1	23.5	31.6	39.1	47.9	58.4	68.4	77.8
70°	0.0	6.1	12.2	18.6	28.2	37.3	46.1	57.9	69.6	80.7	94.0
67.5°	0.0	6.8	13.7	22.1	32.8	43.0	54.7	67.8	80.7	95.8	110.6
65°	0.0	7.6	15.1	25.7	37.4	49.2	63.2	77.6	94.0	110.6	127.4
62.5°	0.0	8.3	16.5	29.1	41.9	56.0	71.4	88.4	106.9	125.4	144.6
60°	0.0	8.9	17.9	32.5	46.4	62.7	79.5	99.6	119.6	140.6	161.5
57.5°	0.0	9.6	20.1	35.8	51.4	69.1	88.7	110.5	132.7	155.6	178.0
55°	0.0	10.3	22.3	39.0	56.4	75.3	97.7	121.1	145.7	170.1	194.2
52.5°	0.0	10.9	24.4	42.2	61.2	81.6	106.6	132.1	158.3	184.2	209.9
50°	0.0	11.5	26.4	45.3	65.8	88.7	115.1	142.9	170.5	197.9	225.6
47.5°	0.0	12.1	28.3	48.3	70.2	95.6	123.5	153.4	182.2	211.2	241.1
45°	0.0	12.7	30.2	51.5	74.4	102.2	132.2	163.5	193.7	224.7	256.1
42.5°	0.0	13.2	32.0	54.5	78.5	108.5	140.6	173.3	204.8	237.9	269.6
40°	0.0	13.7	33.7	57.4	82.8	114.6	148.7	182.5	215.6	250.6	282.2
37.5°	0.0	14.2	35.4	60.0	87.4	120.3	156.5	191.3	226.2	262.1	294.0
35°	0.0	14.7	36.9	62.6	91.7	126.2	163.9	199.7	236.2	272.0	305.4
32.5°	0.0	15.1	38.3	65.0	95.8	132.0	170.8	207.6	245.5	281.4	316.5
30°	0.0	15.5	39.7	67.2	99.6	137.4	177.1	215.1	254.2	290.1	326.5
27.5°	0.0	15.9	41.0	69.3	103.3	142.4	183.0	222.1	261.9	298.3	335.6
25°	0.0	16.2	42.1	71.2	106.7	147.1	188.4	228.5	268.5	305.8	343.7
22.5°	0.0	16.5	43.2	72.9	109.8	151.5	193.4	234.4	274.6	312.5	350.8
20°	0.0	16.8	44.1	74.5	112.7	155.4	197.9	239.6	280.0	318.4	357.1
17.5°	0.0	17.1	44.9	75.8	115.3	158.8	201.8	244.2	284.8	323.4	362.6
15°	0.0	17.3	45.7	77.0	117.6	161.7	205.2	248.2	289.1	327.6	367.4
12.5°	0.0	17.5	46.3	78.1	119.7	164.2	208.0	251.6	292.7	331.0	371.3
10°	0.0	17.6	46.8	78.9	121.4	166.3	210.3	254.3	295.6	334.6	374.5
7.5°	0.0	17.7	47.2	79.6	122.8	167.8	212.2	256.4	297.9	337.6	376.8
5°	0.0	17.8	47.5	80.0	123.9	168.9	213.5	258.0	299.6	339.9	378.2
2.5°	0.0	17.9	47.6	80.3	124.7	169.6	214.2	258.9	300.6	341.6	378.7
0°	0.0	17.9	47.7	80.4	125.1	169.8	214.5	259.2	300.9	342.6	378.4
-2.5°	0.0	17.9	47.6	80.3	124.7	169.6	214.2	258.9	300.6	341.6	378.7
-5°	0.0	17.8	47.5	80.0	123.9	168.9	213.5	258.0	299.6	339.9	378.2
-7.5°	0.0	17.7	47.2	79.6	122.8	167.8	212.2	256.4	297.9	337.6	376.8
-10°	0.0	17.6	46.8	78.9	121.4	166.3	210.3	254.3	295.6	334.6	374.5
-12.5°	0.0	17.5	46.3	78.1	119.7	164.2	208.0	251.6	292.7	331.0	371.3
-15°	0.0	17.3	45.7	77.0	117.6	161.7	205.2	248.2	289.1	327.6	367.4
-17.5°	0.0	17.1	44.9	75.8	115.3	158.8	201.8	244.2	284.8	323.4	362.6
-20°	0.0	16.8	44.1	74.5	112.7	155.4	197.9	239.6	280.0	318.4	357.1



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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	16.5	43.2	72.9	109.8	151.5	193.4	234.4	274.6	312.5	350.8
-25°	0.0	16.2	42.1	71.2	106.7	147.1	188.4	228.5	268.5	305.8	343.7
-27.5°	0.0	15.9	41.0	69.3	103.3	142.4	183.0	222.1	261.9	298.3	335.6
-30°	0.0	15.5	39.7	67.2	99.6	137.4	177.1	215.1	254.2	290.1	326.5
-32.5°	0.0	15.1	38.3	65.0	95.8	132.0	170.8	207.6	245.5	281.4	316.5
-35°	0.0	14.7	36.9	62.6	91.7	126.2	163.9	199.7	236.2	272.0	305.4
-37.5°	0.0	14.2	35.4	60.0	87.4	120.3	156.5	191.3	226.2	262.1	294.0
-40°	0.0	13.7	33.7	57.4	82.8	114.6	148.7	182.5	215.6	250.6	282.2
-42.5°	0.0	13.2	32.0	54.5	78.5	108.5	140.6	173.3	204.8	237.9	269.6
-45°	0.0	12.7	30.2	51.5	74.4	102.2	132.2	163.5	193.7	224.7	256.1
-47.5°	0.0	12.1	28.3	48.3	70.2	95.6	123.5	153.4	182.2	211.2	241.1
-50°	0.0	11.5	26.4	45.3	65.8	88.7	115.1	142.9	170.5	197.9	225.6
-52.5°	0.0	10.9	24.4	42.2	61.2	81.6	106.6	132.1	158.3	184.2	209.9
-55°	0.0	10.3	22.3	39.0	56.4	75.3	97.7	121.1	145.7	170.1	194.2
-57.5°	0.0	9.6	20.1	35.8	51.4	69.1	88.7	110.5	132.7	155.6	178.0
-60°	0.0	8.9	17.9	32.5	46.4	62.7	79.5	99.6	119.6	140.6	161.5
-62.5°	0.0	8.3	16.5	29.1	41.9	56.0	71.4	88.4	106.9	125.4	144.6
-65°	0.0	7.6	15.1	25.7	37.4	49.2	63.2	77.6	94.0	110.6	127.4
-67.5°	0.0	6.8	13.7	22.1	32.8	43.0	54.7	67.8	80.7	95.8	110.6
-70°	0.0	6.1	12.2	18.6	28.2	37.3	46.1	57.9	69.6	80.7	94.0
-72.5°	0.0	5.4	10.8	16.1	23.5	31.6	39.1	47.9	58.4	68.4	77.8
-75°	0.0	4.6	9.3	13.9	18.8	25.8	32.4	39.4	47.1	56.0	64.3
-77.5°	0.0	3.9	7.7	11.6	15.4	19.9	25.6	31.4	37.6	43.9	50.8
-80°	0.0	3.1	6.2	9.3	12.4	15.4	18.7	23.3	28.1	33.1	38.2
-82.5°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.1	18.6	22.1	25.8
-85°	0.0	1.6	3.1	4.7	6.2	7.7	9.3	10.8	12.2	13.7	15.1
-87.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.6	5.4	6.1	6.8	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.3	8.9	9.6	10.3	10.9	11.5	12.1	12.7	13.2	13.7	14.2
85°	16.5	17.9	19.9	21.8	23.5	25.1	26.5	27.8	29.5	31.3	33.1
82.5°	29.0	32.0	34.7	37.2	39.4	41.4	43.4	46.3	50.2	53.7	56.9
80°	42.4	46.1	50.5	55.0	59.6	64.2	68.9	73.5	77.6	81.6	85.7
77.5°	56.9	62.9	69.0	75.2	81.6	88.7	95.6	102.2	108.4	114.3	120.2
75°	71.9	79.5	88.7	97.7	106.6	115.1	123.5	132.0	140.1	147.9	155.3
72.5°	88.4	99.6	110.5	121.1	132.6	143.5	153.7	163.3	173.1	183.1	192.3
70°	106.9	119.6	133.1	147.0	160.4	172.6	184.7	197.1	209.3	219.9	229.1
67.5°	125.4	141.0	156.7	172.4	187.2	201.2	215.8	229.5	242.3	253.3	263.7
65°	144.6	162.2	179.5	196.4	212.8	229.5	245.3	260.2	273.9	286.4	298.1
62.5°	163.5	182.7	201.5	220.2	239.4	257.8	274.3	290.0	305.2	318.5	331.2
60°	182.0	202.6	223.4	244.4	265.3	284.5	302.3	318.7	334.1	348.9	362.1
57.5°	200.2	222.3	245.0	267.6	289.4	310.3	328.3	345.8	361.6	376.5	390.3
55°	218.0	241.4	265.8	289.6	312.5	333.9	353.2	370.7	387.5	401.3	414.4
52.5°	235.6	260.3	285.8	310.6	333.9	356.1	376.2	393.8	409.2	423.3	434.9
50°	252.9	278.7	304.9	330.1	354.2	376.7	397.0	414.0	428.6	441.5	452.4
47.5°	269.2	296.4	322.4	348.6	373.0	395.3	415.3	431.2	445.6	457.2	467.4
45°	284.6	312.9	340.0	365.6	390.3	412.5	430.8	446.9	460.0	471.7	482.0
42.5°	299.2	328.8	356.3	381.8	406.2	427.4	445.5	460.5	473.9	485.4	496.7
40°	313.4	344.3	372.0	397.2	421.0	441.1	458.1	473.4	486.5	499.5	511.9
37.5°	327.1	358.4	387.1	412.6	433.5	453.2	469.9	485.0	499.9	514.2	530.8
35°	340.2	371.9	400.9	426.0	446.6	463.8	480.9	497.4	514.6	532.6	551.9
32.5°	352.4	385.0	414.3	437.3	456.7	474.1	491.8	511.6	531.9	552.5	576.2
30°	363.2	396.8	426.2	447.9	465.8	483.0	503.9	526.6	550.4	574.1	601.8
27.5°	372.7	407.9	435.3	456.2	473.8	490.4	513.7	543.1	568.9	594.2	624.7
25°	381.4	416.7	443.6	463.2	479.8	497.6	521.8	552.0	584.6	612.2	654.7
22.5°	389.0	424.7	451.3	469.5	484.4	503.7	528.2	558.0	591.5	626.2	685.1
20°	395.5	430.6	457.8	474.8	488.0	508.0	531.7	562.2	599.4	649.5	714.7
17.5°	401.2	436.5	462.7	478.3	492.4	511.3	533.0	564.7	608.0	670.5	742.0
15°	406.0	442.3	466.8	481.3	495.7	514.4	537.9	571.0	620.9	689.9	767.1
12.5°	410.0	447.9	470.1	483.7	497.9	516.7	543.2	581.0	636.3	709.3	794.6
10°	413.2	453.0	472.8	485.6	499.1	518.3	547.8	588.8	649.1	727.3	819.1
7.5°	416.1	457.1	475.0	487.0	499.3	519.1	551.5	594.5	658.4	742.1	839.6
5°	418.3	459.7	476.9	487.9	499.1	519.4	554.3	598.0	664.3	753.3	854.8
2.5°	419.6	461.3	478.5	488.4	498.6	519.3	556.5	603.8	671.5	761.6	864.1
0°	420.1	461.8	479.7	488.6	497.6	518.4	557.2	607.8	676.4	765.7	867.0
-2.5°	419.6	461.3	478.5	488.4	498.6	519.3	556.5	603.8	671.5	761.6	864.1
-5°	418.3	459.7	476.9	487.9	499.1	519.4	554.3	598.0	664.3	753.3	854.8
-7.5°	416.1	457.1	475.0	487.0	499.3	519.1	551.5	594.5	658.4	742.1	839.6
-10°	413.2	453.0	472.8	485.6	499.1	518.3	547.8	588.8	649.1	727.3	819.1
-12.5°	410.0	447.9	470.1	483.7	497.9	516.7	543.2	581.0	636.3	709.3	794.6
-15°	406.0	442.3	466.8	481.3	495.7	514.4	537.9	571.0	620.9	689.9	767.1
-17.5°	401.2	436.5	462.7	478.3	492.4	511.3	533.0	564.7	608.0	670.5	742.0
-20°	395.5	430.6	457.8	474.8	488.0	508.0	531.7	562.2	599.4	649.5	714.7



REPORT NUMBER: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	389.0	424.7	451.3	469.5	484.4	503.7	528.2	558.0	591.5	626.2	685.1
-25°	381.4	416.7	443.6	463.2	479.8	497.6	521.8	552.0	584.6	612.2	654.7
-27.5°	372.7	407.9	435.3	456.2	473.8	490.4	513.7	543.1	568.9	594.2	624.7
-30°	363.2	396.8	426.2	447.9	465.8	483.0	503.9	526.6	550.4	574.1	601.8
-32.5°	352.4	385.0	414.3	437.3	456.7	474.1	491.8	511.6	531.9	552.5	576.2
-35°	340.2	371.9	400.9	426.0	446.6	463.8	480.9	497.4	514.6	532.6	551.9
-37.5°	327.1	358.4	387.1	412.6	433.5	453.2	469.9	485.0	499.9	514.2	530.8
-40°	313.4	344.3	372.0	397.2	421.0	441.1	458.1	473.4	486.5	499.5	511.9
-42.5°	299.2	328.8	356.3	381.8	406.2	427.4	445.5	460.5	473.9	485.4	496.7
-45°	284.6	312.9	340.0	365.6	390.3	412.5	430.8	446.9	460.0	471.7	482.0
-47.5°	269.2	296.4	322.4	348.6	373.0	395.3	415.3	431.2	445.6	457.2	467.4
-50°	252.9	278.7	304.9	330.1	354.2	376.7	397.0	414.0	428.6	441.5	452.4
-52.5°	235.6	260.3	285.8	310.6	333.9	356.1	376.2	393.8	409.2	423.3	434.9
-55°	218.0	241.4	265.8	289.6	312.5	333.9	353.2	370.7	387.5	401.3	414.4
-57.5°	200.2	222.3	245.0	267.6	289.4	310.3	328.3	345.8	361.6	376.5	390.3
-60°	182.0	202.6	223.4	244.4	265.3	284.5	302.3	318.7	334.1	348.9	362.1
-62.5°	163.5	182.7	201.5	220.2	239.4	257.8	274.3	290.0	305.2	318.5	331.2
-65°	144.6	162.2	179.5	196.4	212.8	229.5	245.3	260.2	273.9	286.4	298.1
-67.5°	125.4	141.0	156.7	172.4	187.2	201.2	215.8	229.5	242.3	253.3	263.7
-70°	106.9	119.6	133.1	147.0	160.4	172.6	184.7	197.1	209.3	219.9	229.1
-72.5°	88.4	99.6	110.5	121.1	132.6	143.5	153.7	163.3	173.1	183.1	192.3
-75°	71.9	79.5	88.7	97.7	106.6	115.1	123.5	132.0	140.1	147.9	155.3
-77.5°	56.9	62.9	69.0	75.2	81.6	88.7	95.6	102.2	108.4	114.3	120.2
-80°	42.4	46.1	50.5	55.0	59.6	64.2	68.9	73.5	77.6	81.6	85.7
-82.5°	29.0	32.0	34.7	37.2	39.4	41.4	43.4	46.3	50.2	53.7	56.9
-85°	16.5	17.9	19.9	21.8	23.5	25.1	26.5	27.8	29.5	31.3	33.1
-87.5°	8.3	8.9	9.6	10.3	10.9	11.5	12.1	12.7	13.2	13.7	14.2
-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: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	14.7	14.5	14.2	13.9	13.5	14.5	15.4	16.4	17.3	17.5	17.6
85°	35.0	36.1	37.1	38.1	39.1	40.3	41.3	42.1	42.9	44.1	45.3
82.5°	59.6	62.0	64.3	66.3	68.2	70.5	72.7	74.8	76.7	77.9	78.8
80°	89.7	93.7	97.4	100.7	103.5	107.0	110.5	113.6	116.4	118.2	119.6
77.5°	126.0	131.0	135.7	140.1	144.3	148.3	151.8	154.6	156.8	159.5	162.0
75°	162.3	168.9	175.3	181.0	186.0	190.5	194.5	198.3	201.6	204.7	207.2
72.5°	200.7	208.3	215.1	221.3	227.3	233.1	238.5	243.3	247.5	251.0	254.0
70°	237.7	246.0	254.3	262.1	269.2	275.7	281.5	286.7	291.2	295.1	298.2
67.5°	273.6	283.0	292.4	301.1	308.9	315.7	322.3	328.4	333.9	338.2	341.1
65°	309.2	319.7	329.7	338.7	346.6	353.8	361.2	367.6	373.1	377.2	379.9
62.5°	343.8	355.1	364.8	374.1	383.0	390.6	396.9	402.8	408.3	412.7	415.5
60°	374.6	386.4	395.9	404.7	412.8	420.2	426.5	432.7	438.5	443.7	447.6
57.5°	401.9	412.8	422.6	430.4	437.7	444.3	450.5	455.6	459.7	462.7	465.5
55°	425.7	435.4	444.6	452.3	458.7	464.1	468.6	472.2	475.0	477.1	478.6
52.5°	446.0	455.0	464.0	471.6	476.5	480.9	484.8	489.2	491.6	492.0	491.8
50°	462.3	471.9	480.0	486.7	493.4	500.9	508.7	512.6	514.2	513.1	511.8
47.5°	477.2	486.5	495.4	503.8	513.5	526.1	538.8	544.8	544.4	541.7	540.4
45°	491.9	502.1	512.5	525.3	538.9	555.2	570.1	579.5	579.5	579.8	582.0
42.5°	507.2	519.9	534.0	551.5	569.4	587.6	603.5	615.1	623.8	634.4	643.2
40°	526.0	540.2	561.4	583.0	606.3	625.8	650.3	671.4	688.8	704.5	716.6
37.5°	548.1	568.4	595.3	623.2	653.3	683.6	712.3	739.1	762.0	788.1	807.5
35°	574.6	603.6	636.4	671.1	708.6	747.0	784.0	826.8	864.3	897.8	925.2
32.5°	605.7	640.6	680.6	726.9	773.7	824.5	877.7	932.6	985.5	1040.6	1095.6
30°	636.8	682.9	734.0	790.2	845.2	911.6	980.8	1070.5	1164.6	1272.0	1436.8
27.5°	674.6	729.7	789.2	853.9	929.5	1014.4	1147.8	1313.8	1596.9	1808.5	2376.8
25°	711.7	774.6	851.1	934.9	1036.5	1191.8	1510.5	1879.2	2700.3	3468.9	4356.9
22.5°	749.3	827.7	919.3	1021.5	1198.3	1598.0	2205.0	3316.6	4585.0	5931.2	7302.4
20°	787.2	879.5	994.3	1165.0	1534.9	2218.8	3581.4	5367.5	7169.9	9371.5	11275.4
17.5°	829.8	944.3	1094.4	1351.1	1960.5	3425.9	5441.3	7919.9	10708.8	13539.3	15915.8
15°	865.1	999.1	1200.1	1702.0	2852.4	4796.6	7434.0	10793.9	14596.6	18174.8	21227.0
12.5°	904.0	1060.0	1324.4	1986.7	3675.2	6231.5	9707.3	13841.7	18403.8	23306.8	31069.9
10°	939.9	1121.2	1532.7	2577.7	4623.8	7681.4	11743.0	16401.5	21934.2	31750.8	50101.7
7.5°	970.1	1169.8	1689.3	3018.1	5482.4	9049.2	13402.5	18590.3	26908.4	43400.8	74281.0
5°	990.7	1202.1	1798.3	3347.8	6166.3	10058.3	14463.4	20031.6	31983.3	57641.6	94824.3
2.5°	1005.2	1219.5	1856.4	3540.0	6599.0	10726.3	15215.1	21001.5	35390.5	65878.8	109443.0
0°	1016.0	1224.6	1868.2	3706.5	6745.6	10952.7	15252.2	21261.8	36558.7	69095.0	114651.9
-2.5°	1005.2	1219.5	1856.4	3540.0	6599.0	10726.3	15215.1	21001.5	35390.5	65878.8	109443.0
-5°	990.7	1202.1	1798.3	3347.8	6166.3	10058.3	14463.4	20031.6	31983.3	57641.6	94824.3
-7.5°	970.1	1169.8	1689.3	3018.1	5482.4	9049.2	13402.5	18590.3	26908.4	43400.8	74281.0
-10°	939.9	1121.2	1532.7	2577.7	4623.8	7681.4	11743.0	16401.5	21934.2	31750.8	50101.7
-12.5°	904.0	1060.0	1324.4	1986.7	3675.2	6231.5	9707.3	13841.7	18403.8	23306.8	31069.9
-15°	865.1	999.1	1200.1	1702.0	2852.4	4796.6	7434.0	10793.9	14596.6	18174.8	21227.0
-17.5°	829.8	944.3	1094.4	1351.1	1960.5	3425.9	5441.3	7919.9	10708.8	13539.3	15915.8
-20°	787.2	879.5	994.3	1165.0	1534.9	2218.8	3581.4	5367.5	7169.9	9371.5	11275.4



REPORT NUMBER: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	749.3	827.7	919.3	1021.5	1198.3	1598.0	2205.0	3316.6	4585.0	5931.2	7302.4
-25°	711.7	774.6	851.1	934.9	1036.5	1191.8	1510.5	1879.2	2700.3	3468.9	4356.9
-27.5°	674.6	729.7	789.2	853.9	929.5	1014.4	1147.8	1313.8	1596.9	1808.5	2376.8
-30°	636.8	682.9	734.0	790.2	845.2	911.6	980.8	1070.5	1164.6	1272.0	1436.8
-32.5°	605.7	640.6	680.6	726.9	773.7	824.5	877.7	932.6	985.5	1040.6	1095.6
-35°	574.6	603.6	636.4	671.1	708.6	747.0	784.0	826.8	864.3	897.8	925.2
-37.5°	548.1	568.4	595.3	623.2	653.3	683.6	712.3	739.1	762.0	788.1	807.5
-40°	526.0	540.2	561.4	583.0	606.3	625.8	650.3	671.4	688.8	704.5	716.6
-42.5°	507.2	519.9	534.0	551.5	569.4	587.6	603.5	615.1	623.8	634.4	643.2
-45°	491.9	502.1	512.5	525.3	538.9	555.2	570.1	579.5	579.5	579.8	582.0
-47.5°	477.2	486.5	495.4	503.8	513.5	526.1	538.8	544.8	544.4	541.7	540.4
-50°	462.3	471.9	480.0	486.7	493.4	500.9	508.7	512.6	514.2	513.1	511.8
-52.5°	446.0	455.0	464.0	471.6	476.5	480.9	484.8	489.2	491.6	492.0	491.8
-55°	425.7	435.4	444.6	452.3	458.7	464.1	468.6	472.2	475.0	477.1	478.6
-57.5°	401.9	412.8	422.6	430.4	437.7	444.3	450.5	455.6	459.7	462.7	465.5
-60°	374.6	386.4	395.9	404.7	412.8	420.2	426.5	432.7	438.5	443.7	447.6
-62.5°	343.8	355.1	364.8	374.1	383.0	390.6	396.9	402.8	408.3	412.7	415.5
-65°	309.2	319.7	329.7	338.7	346.6	353.8	361.2	367.6	373.1	377.2	379.9
-67.5°	273.6	283.0	292.4	301.1	308.9	315.7	322.3	328.4	333.9	338.2	341.1
-70°	237.7	246.0	254.3	262.1	269.2	275.7	281.5	286.7	291.2	295.1	298.2
-72.5°	200.7	208.3	215.1	221.3	227.3	233.1	238.5	243.3	247.5	251.0	254.0
-75°	162.3	168.9	175.3	181.0	186.0	190.5	194.5	198.3	201.6	204.7	207.2
-77.5°	126.0	131.0	135.7	140.1	144.3	148.3	151.8	154.6	156.8	159.5	162.0
-80°	89.7	93.7	97.4	100.7	103.5	107.0	110.5	113.6	116.4	118.2	119.6
-82.5°	59.6	62.0	64.3	66.3	68.2	70.5	72.7	74.8	76.7	77.9	78.8
-85°	35.0	36.1	37.1	38.1	39.1	40.3	41.3	42.1	42.9	44.1	45.3
-87.5°	14.7	14.5	14.2	13.9	13.5	14.5	15.4	16.4	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: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.3	16.4
85°	46.4	47.5	46.2	44.7	46.2	47.5	46.4	45.3	44.1	42.9	42.1
82.5°	79.5	80.0	80.3	80.4	80.3	80.0	79.5	78.8	77.9	76.7	74.8
80°	120.8	121.6	123.5	125.1	123.5	121.6	120.8	119.6	118.2	116.4	113.6
77.5°	164.2	166.0	166.7	166.9	166.7	166.0	164.2	162.0	159.5	156.8	154.6
75°	209.1	210.5	214.1	217.5	214.1	210.5	209.1	207.2	204.7	201.6	198.3
72.5°	256.3	257.9	260.3	262.2	260.3	257.9	256.3	254.0	251.0	247.5	243.3
70°	300.7	302.5	303.6	303.9	303.6	302.5	300.7	298.2	295.1	291.2	286.7
67.5°	343.1	344.2	343.9	342.6	343.9	344.2	343.1	341.1	338.2	333.9	328.4
65°	381.8	383.0	382.7	381.4	382.7	383.0	381.8	379.9	377.2	373.1	367.6
62.5°	417.5	418.7	419.7	420.1	419.7	418.7	417.5	415.5	412.7	408.3	402.8
60°	451.0	453.9	455.4	455.9	455.4	453.9	451.0	447.6	443.7	438.5	432.7
57.5°	467.8	469.7	470.6	470.8	470.6	469.7	467.8	465.5	462.7	459.7	455.6
55°	479.4	479.4	478.4	476.7	478.4	479.4	479.4	478.6	477.1	475.0	472.2
52.5°	490.8	489.1	488.4	488.6	488.4	489.1	490.8	491.8	492.0	491.6	489.2
50°	510.2	507.4	506.2	506.5	506.2	507.4	510.2	511.8	513.1	514.2	512.6
47.5°	542.2	543.4	544.5	545.3	544.5	543.4	542.2	540.4	541.7	544.4	544.8
45°	588.0	592.2	594.8	595.9	594.8	592.2	588.0	582.0	579.8	579.5	579.5
42.5°	652.1	657.3	659.2	658.5	659.2	657.3	652.1	643.2	634.4	623.8	615.1
40°	729.2	739.2	745.0	744.9	745.0	739.2	729.2	716.6	704.5	688.8	671.4
37.5°	825.1	838.5	845.3	843.2	845.3	838.5	825.1	807.5	788.1	762.0	739.1
35°	946.1	959.4	964.9	971.3	964.9	959.4	946.1	925.2	897.8	864.3	826.8
32.5°	1138.9	1166.0	1176.7	1162.0	1176.7	1166.0	1138.9	1095.6	1040.6	985.5	932.6
30°	1548.4	1647.3	1713.4	1746.0	1713.4	1647.3	1548.4	1436.8	1272.0	1164.6	1070.5
27.5°	2768.0	3026.9	3136.5	3197.0	3136.5	3026.9	2768.0	2376.8	1808.5	1596.9	1313.8
25°	5117.4	5669.9	5987.9	5962.0	5987.9	5669.9	5117.4	4356.9	3468.9	2700.3	1879.2
22.5°	8576.4	9448.1	9971.0	10163.1	9971.0	9448.1	8576.4	7302.4	5931.2	4585.0	3316.6
20°	12864.6	13842.1	14353.2	14429.8	14353.2	13842.1	12864.6	11275.4	9371.5	7169.9	5367.5
17.5°	17786.2	18712.8	19251.4	19244.7	19251.4	18712.8	17786.2	15915.8	13539.3	10708.8	7919.9
15°	25384.1	28970.9	30993.4	30698.0	30993.4	28970.9	25384.1	21227.0	18174.8	14596.6	10793.9
12.5°	41593.6	55919.5	64805.9	67000.4	64805.9	55919.5	41593.6	31069.9	23306.8	18403.8	13841.7
10°	73501.4	94933.9	112050.4	116996.8	112050.4	94933.9	73501.4	50101.7	31750.8	21934.2	16401.5
7.5°	105726.9	131163.9	141632.4	142848.6	141632.4	131163.9	105726.9	74281.0	43400.8	26908.4	18590.3
5°	130050.8	155933.9	158929.7	151404.3	158929.7	155933.9	130050.8	94824.3	57641.6	31983.3	20031.6
2.5°	146106.7	165661.7	168454.4	164403.9	168454.4	165661.7	146106.7	109443.0	65878.8	35390.5	21001.5
0°	149768.5	163075.0	167042.3	167475.8	167042.3	163075.0	149768.5	114651.9	69095.0	36558.7	21261.8
-2.5°	146106.7	165661.7	168454.4	164403.9	168454.4	165661.7	146106.7	109443.0	65878.8	35390.5	21001.5
-5°	130050.8	155933.9	158929.7	151404.3	158929.7	155933.9	130050.8	94824.3	57641.6	31983.3	20031.6
-7.5°	105726.9	131163.9	141632.4	142848.6	141632.4	131163.9	105726.9	74281.0	43400.8	26908.4	18590.3
-10°	73501.4	94933.9	112050.4	116996.8	112050.4	94933.9	73501.4	50101.7	31750.8	21934.2	16401.5
-12.5°	41593.6	55919.5	64805.9	67000.4	64805.9	55919.5	41593.6	31069.9	23306.8	18403.8	13841.7
-15°	25384.1	28970.9	30993.4	30698.0	30993.4	28970.9	25384.1	21227.0	18174.8	14596.6	10793.9
-17.5°	17786.2	18712.8	19251.4	19244.7	19251.4	18712.8	17786.2	15915.8	13539.3	10708.8	7919.9
-20°	12864.6	13842.1	14353.2	14429.8	14353.2	13842.1	12864.6	11275.4	9371.5	7169.9	5367.5



REPORT NUMBER: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	8576.4	9448.1	9971.0	10163.1	9971.0	9448.1	8576.4	7302.4	5931.2	4585.0	3316.6
-25°	5117.4	5669.9	5987.9	5962.0	5987.9	5669.9	5117.4	4356.9	3468.9	2700.3	1879.2
-27.5°	2768.0	3026.9	3136.5	3197.0	3136.5	3026.9	2768.0	2376.8	1808.5	1596.9	1313.8
-30°	1548.4	1647.3	1713.4	1746.0	1713.4	1647.3	1548.4	1436.8	1272.0	1164.6	1070.5
-32.5°	1138.9	1166.0	1176.7	1162.0	1176.7	1166.0	1138.9	1095.6	1040.6	985.5	932.6
-35°	946.1	959.4	964.9	971.3	964.9	959.4	946.1	925.2	897.8	864.3	826.8
-37.5°	825.1	838.5	845.3	843.2	845.3	838.5	825.1	807.5	788.1	762.0	739.1
-40°	729.2	739.2	745.0	744.9	745.0	739.2	729.2	716.6	704.5	688.8	671.4
-42.5°	652.1	657.3	659.2	658.5	659.2	657.3	652.1	643.2	634.4	623.8	615.1
-45°	588.0	592.2	594.8	595.9	594.8	592.2	588.0	582.0	579.8	579.5	579.5
-47.5°	542.2	543.4	544.5	545.3	544.5	543.4	542.2	540.4	541.7	544.4	544.8
-50°	510.2	507.4	506.2	506.5	506.2	507.4	510.2	511.8	513.1	514.2	512.6
-52.5°	490.8	489.1	488.4	488.6	488.4	489.1	490.8	491.8	492.0	491.6	489.2
-55°	479.4	479.4	478.4	476.7	478.4	479.4	479.4	478.6	477.1	475.0	472.2
-57.5°	467.8	469.7	470.6	470.8	470.6	469.7	467.8	465.5	462.7	459.7	455.6
-60°	451.0	453.9	455.4	455.9	455.4	453.9	451.0	447.6	443.7	438.5	432.7
-62.5°	417.5	418.7	419.7	420.1	419.7	418.7	417.5	415.5	412.7	408.3	402.8
-65°	381.8	383.0	382.7	381.4	382.7	383.0	381.8	379.9	377.2	373.1	367.6
-67.5°	343.1	344.2	343.9	342.6	343.9	344.2	343.1	341.1	338.2	333.9	328.4
-70°	300.7	302.5	303.6	303.9	303.6	302.5	300.7	298.2	295.1	291.2	286.7
-72.5°	256.3	257.9	260.3	262.2	260.3	257.9	256.3	254.0	251.0	247.5	243.3
-75°	209.1	210.5	214.1	217.5	214.1	210.5	209.1	207.2	204.7	201.6	198.3
-77.5°	164.2	166.0	166.7	166.9	166.7	166.0	164.2	162.0	159.5	156.8	154.6
-80°	120.8	121.6	123.5	125.1	123.5	121.6	120.8	119.6	118.2	116.4	113.6
-82.5°	79.5	80.0	80.3	80.4	80.3	80.0	79.5	78.8	77.9	76.7	74.8
-85°	46.4	47.5	46.2	44.7	46.2	47.5	46.4	45.3	44.1	42.9	42.1
-87.5°	17.7	17.8	17.9	17.9	17.9	17.8	17.7	17.6	17.5	17.3	16.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	15.4	14.5	13.5	13.9	14.2	14.5	14.7	14.2	13.7	13.2	12.7
85°	41.3	40.3	39.1	38.1	37.1	36.1	35.0	33.1	31.3	29.5	27.8
82.5°	72.7	70.5	68.2	66.3	64.3	62.0	59.6	56.9	53.7	50.2	46.3
80°	110.5	107.0	103.5	100.7	97.4	93.7	89.7	85.7	81.6	77.6	73.5
77.5°	151.8	148.3	144.3	140.1	135.7	131.0	126.0	120.2	114.3	108.4	102.2
75°	194.5	190.5	186.0	181.0	175.3	168.9	162.3	155.3	147.9	140.1	132.0
72.5°	238.5	233.1	227.3	221.3	215.1	208.3	200.7	192.3	183.1	173.1	163.3
70°	281.5	275.7	269.2	262.1	254.3	246.0	237.7	229.1	219.9	209.3	197.1
67.5°	322.3	315.7	308.9	301.1	292.4	283.0	273.6	263.7	253.3	242.3	229.5
65°	361.2	353.8	346.6	338.7	329.7	319.7	309.2	298.1	286.4	273.9	260.2
62.5°	396.9	390.6	383.0	374.1	364.8	355.1	343.8	331.2	318.5	305.2	290.0
60°	426.5	420.2	412.8	404.7	395.9	386.4	374.6	362.1	348.9	334.1	318.7
57.5°	450.5	444.3	437.7	430.4	422.6	412.8	401.9	390.3	376.5	361.6	345.8
55°	468.6	464.1	458.7	452.3	444.6	435.4	425.7	414.4	401.3	387.5	370.7
52.5°	484.8	480.9	476.5	471.6	464.0	455.0	446.0	434.9	423.3	409.2	393.8
50°	508.7	500.9	493.4	486.7	480.0	471.9	462.3	452.4	441.5	428.6	414.0
47.5°	538.8	526.1	513.5	503.8	495.4	486.5	477.2	467.4	457.2	445.6	431.2
45°	570.1	555.2	538.9	525.3	512.5	502.1	491.9	482.0	471.7	460.0	446.9
42.5°	603.5	587.6	569.4	551.5	534.0	519.9	507.2	496.7	485.4	473.9	460.5
40°	650.3	625.8	606.3	583.0	561.4	540.2	526.0	511.9	499.5	486.5	473.4
37.5°	712.3	683.6	653.3	623.2	595.3	568.4	548.1	530.8	514.2	499.9	485.0
35°	784.0	747.0	708.6	671.1	636.4	603.6	574.6	551.9	532.6	514.6	497.4
32.5°	877.7	824.5	773.7	726.9	680.6	640.6	605.7	576.2	552.5	531.9	511.6
30°	980.8	911.6	845.2	790.2	734.0	682.9	636.8	601.8	574.1	550.4	526.6
27.5°	1147.8	1014.4	929.5	853.9	789.2	729.7	674.6	624.7	594.2	568.9	543.1
25°	1510.5	1191.8	1036.5	934.9	851.1	774.6	711.7	654.7	612.2	584.6	552.0
22.5°	2205.0	1598.0	1198.3	1021.5	919.3	827.7	749.3	685.1	626.2	591.5	558.0
20°	3581.4	2218.8	1534.9	1165.0	994.3	879.5	787.2	714.7	649.5	599.4	562.2
17.5°	5441.3	3425.9	1960.5	1351.1	1094.4	944.3	829.8	742.0	670.5	608.0	564.7
15°	7434.0	4796.6	2852.4	1702.0	1200.1	999.1	865.1	767.1	689.9	620.9	571.0
12.5°	9707.3	6231.5	3675.2	1986.7	1324.4	1060.0	904.0	794.6	709.3	636.3	581.0
10°	11743.0	7681.4	4623.8	2577.7	1532.7	1121.2	939.9	819.1	727.3	649.1	588.8
7.5°	13402.5	9049.2	5482.4	3018.1	1689.3	1169.8	970.1	839.6	742.1	658.4	594.5
5°	14463.4	10058.3	6166.3	3347.8	1798.3	1202.1	990.7	854.8	753.3	664.3	598.0
2.5°	15215.1	10726.3	6599.0	3540.0	1856.4	1219.5	1005.2	864.1	761.6	671.5	603.8
0°	15252.2	10952.7	6745.6	3706.5	1868.2	1224.6	1016.0	867.0	765.7	676.4	607.8
-2.5°	15215.1	10726.3	6599.0	3540.0	1856.4	1219.5	1005.2	864.1	761.6	671.5	603.8
-5°	14463.4	10058.3	6166.3	3347.8	1798.3	1202.1	990.7	854.8	753.3	664.3	598.0
-7.5°	13402.5	9049.2	5482.4	3018.1	1689.3	1169.8	970.1	839.6	742.1	658.4	594.5
-10°	11743.0	7681.4	4623.8	2577.7	1532.7	1121.2	939.9	819.1	727.3	649.1	588.8
-12.5°	9707.3	6231.5	3675.2	1986.7	1324.4	1060.0	904.0	794.6	709.3	636.3	581.0
-15°	7434.0	4796.6	2852.4	1702.0	1200.1	999.1	865.1	767.1	689.9	620.9	571.0
-17.5°	5441.3	3425.9	1960.5	1351.1	1094.4	944.3	829.8	742.0	670.5	608.0	564.7
-20°	3581.4	2218.8	1534.9	1165.0	994.3	879.5	787.2	714.7	649.5	599.4	562.2



REPORT NUMBER: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	2205.0	1598.0	1198.3	1021.5	919.3	827.7	749.3	685.1	626.2	591.5	558.0
-25°	1510.5	1191.8	1036.5	934.9	851.1	774.6	711.7	654.7	612.2	584.6	552.0
-27.5°	1147.8	1014.4	929.5	853.9	789.2	729.7	674.6	624.7	594.2	568.9	543.1
-30°	980.8	911.6	845.2	790.2	734.0	682.9	636.8	601.8	574.1	550.4	526.6
-32.5°	877.7	824.5	773.7	726.9	680.6	640.6	605.7	576.2	552.5	531.9	511.6
-35°	784.0	747.0	708.6	671.1	636.4	603.6	574.6	551.9	532.6	514.6	497.4
-37.5°	712.3	683.6	653.3	623.2	595.3	568.4	548.1	530.8	514.2	499.9	485.0
-40°	650.3	625.8	606.3	583.0	561.4	540.2	526.0	511.9	499.5	486.5	473.4
-42.5°	603.5	587.6	569.4	551.5	534.0	519.9	507.2	496.7	485.4	473.9	460.5
-45°	570.1	555.2	538.9	525.3	512.5	502.1	491.9	482.0	471.7	460.0	446.9
-47.5°	538.8	526.1	513.5	503.8	495.4	486.5	477.2	467.4	457.2	445.6	431.2
-50°	508.7	500.9	493.4	486.7	480.0	471.9	462.3	452.4	441.5	428.6	414.0
-52.5°	484.8	480.9	476.5	471.6	464.0	455.0	446.0	434.9	423.3	409.2	393.8
-55°	468.6	464.1	458.7	452.3	444.6	435.4	425.7	414.4	401.3	387.5	370.7
-57.5°	450.5	444.3	437.7	430.4	422.6	412.8	401.9	390.3	376.5	361.6	345.8
-60°	426.5	420.2	412.8	404.7	395.9	386.4	374.6	362.1	348.9	334.1	318.7
-62.5°	396.9	390.6	383.0	374.1	364.8	355.1	343.8	331.2	318.5	305.2	290.0
-65°	361.2	353.8	346.6	338.7	329.7	319.7	309.2	298.1	286.4	273.9	260.2
-67.5°	322.3	315.7	308.9	301.1	292.4	283.0	273.6	263.7	253.3	242.3	229.5
-70°	281.5	275.7	269.2	262.1	254.3	246.0	237.7	229.1	219.9	209.3	197.1
-72.5°	238.5	233.1	227.3	221.3	215.1	208.3	200.7	192.3	183.1	173.1	163.3
-75°	194.5	190.5	186.0	181.0	175.3	168.9	162.3	155.3	147.9	140.1	132.0
-77.5°	151.8	148.3	144.3	140.1	135.7	131.0	126.0	120.2	114.3	108.4	102.2
-80°	110.5	107.0	103.5	100.7	97.4	93.7	89.7	85.7	81.6	77.6	73.5
-82.5°	72.7	70.5	68.2	66.3	64.3	62.0	59.6	56.9	53.7	50.2	46.3
-85°	41.3	40.3	39.1	38.1	37.1	36.1	35.0	33.1	31.3	29.5	27.8
-87.5°	15.4	14.5	13.5	13.9	14.2	14.5	14.7	14.2	13.7	13.2	12.7
-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: P559215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	12.1	11.5	10.9	10.3	9.6	8.9	8.3	7.6	6.8	6.1	5.4
85°	26.5	25.1	23.5	21.8	19.9	17.9	16.5	15.1	13.7	12.2	10.8
82.5°	43.4	41.4	39.4	37.2	34.7	32.0	29.0	25.8	22.1	18.6	16.1
80°	68.9	64.2	59.6	55.0	50.5	46.1	42.4	38.2	33.1	28.1	23.3
77.5°	95.6	88.7	81.6	75.2	69.0	62.9	56.9	50.8	43.9	37.6	31.4
75°	123.5	115.1	106.6	97.7	88.7	79.5	71.9	64.3	56.0	47.1	39.4
72.5°	153.7	143.5	132.6	121.1	110.5	99.6	88.4	77.8	68.4	58.4	47.9
70°	184.7	172.6	160.4	147.0	133.1	119.6	106.9	94.0	80.7	69.6	57.9
67.5°	215.8	201.2	187.2	172.4	156.7	141.0	125.4	110.6	95.8	80.7	67.8
65°	245.3	229.5	212.8	196.4	179.5	162.2	144.6	127.4	110.6	94.0	77.6
62.5°	274.3	257.8	239.4	220.2	201.5	182.7	163.5	144.6	125.4	106.9	88.4
60°	302.3	284.5	265.3	244.4	223.4	202.6	182.0	161.5	140.6	119.6	99.6
57.5°	328.3	310.3	289.4	267.6	245.0	222.3	200.2	178.0	155.6	132.7	110.5
55°	353.2	333.9	312.5	289.6	265.8	241.4	218.0	194.2	170.1	145.7	121.1
52.5°	376.2	356.1	333.9	310.6	285.8	260.3	235.6	209.9	184.2	158.3	132.1
50°	397.0	376.7	354.2	330.1	304.9	278.7	252.9	225.6	197.9	170.5	142.9
47.5°	415.3	395.3	373.0	348.6	322.4	296.4	269.2	241.1	211.2	182.2	153.4
45°	430.8	412.5	390.3	365.6	340.0	312.9	284.6	256.1	224.7	193.7	163.5
42.5°	445.5	427.4	406.2	381.8	356.3	328.8	299.2	269.6	237.9	204.8	173.3
40°	458.1	441.1	421.0	397.2	372.0	344.3	313.4	282.2	250.6	215.6	182.5
37.5°	469.9	453.2	433.5	412.6	387.1	358.4	327.1	294.0	262.1	226.2	191.3
35°	480.9	463.8	446.6	426.0	400.9	371.9	340.2	305.4	272.0	236.2	199.7
32.5°	491.8	474.1	456.7	437.3	414.3	385.0	352.4	316.5	281.4	245.5	207.6
30°	503.9	483.0	465.8	447.9	426.2	396.8	363.2	326.5	290.1	254.2	215.1
27.5°	513.7	490.4	473.8	456.2	435.3	407.9	372.7	335.6	298.3	261.9	222.1
25°	521.8	497.6	479.8	463.2	443.6	416.7	381.4	343.7	305.8	268.5	228.5
22.5°	528.2	503.7	484.4	469.5	451.3	424.7	389.0	350.8	312.5	274.6	234.4
20°	531.7	508.0	488.0	474.8	457.8	430.6	395.5	357.1	318.4	280.0	239.6
17.5°	533.0	511.3	492.4	478.3	462.7	436.5	401.2	362.6	323.4	284.8	244.2
15°	537.9	514.4	495.7	481.3	466.8	442.3	406.0	367.4	327.6	289.1	248.2
12.5°	543.2	516.7	497.9	483.7	470.1	447.9	410.0	371.3	331.0	292.7	251.6
10°	547.8	518.3	499.1	485.6	472.8	453.0	413.2	374.5	334.6	295.6	254.3
7.5°	551.5	519.1	499.3	487.0	475.0	457.1	416.1	376.8	337.6	297.9	256.4
5°	554.3	519.4	499.1	487.9	476.9	459.7	418.3	378.2	339.9	299.6	258.0
2.5°	556.5	519.3	498.6	488.4	478.5	461.3	419.6	378.7	341.6	300.6	258.9
0°	557.2	518.4	497.6	488.6	479.7	461.8	420.1	378.4	342.6	300.9	259.2
-2.5°	556.5	519.3	498.6	488.4	478.5	461.3	419.6	378.7	341.6	300.6	258.9
-5°	554.3	519.4	499.1	487.9	476.9	459.7	418.3	378.2	339.9	299.6	258.0
-7.5°	551.5	519.1	499.3	487.0	475.0	457.1	416.1	376.8	337.6	297.9	256.4
-10°	547.8	518.3	499.1	485.6	472.8	453.0	413.2	374.5	334.6	295.6	254.3
-12.5°	543.2	516.7	497.9	483.7	470.1	447.9	410.0	371.3	331.0	292.7	251.6
-15°	537.9	514.4	495.7	481.3	466.8	442.3	406.0	367.4	327.6	289.1	248.2
-17.5°	533.0	511.3	492.4	478.3	462.7	436.5	401.2	362.6	323.4	284.8	244.2
-20°	531.7	508.0	488.0	474.8	457.8	430.6	395.5	357.1	318.4	280.0	239.6



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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°	528.2	503.7	484.4	469.5	451.3	424.7	389.0	350.8	312.5	274.6	234.4
-25°	521.8	497.6	479.8	463.2	443.6	416.7	381.4	343.7	305.8	268.5	228.5
-27.5°	513.7	490.4	473.8	456.2	435.3	407.9	372.7	335.6	298.3	261.9	222.1
-30°	503.9	483.0	465.8	447.9	426.2	396.8	363.2	326.5	290.1	254.2	215.1
-32.5°	491.8	474.1	456.7	437.3	414.3	385.0	352.4	316.5	281.4	245.5	207.6
-35°	480.9	463.8	446.6	426.0	400.9	371.9	340.2	305.4	272.0	236.2	199.7
-37.5°	469.9	453.2	433.5	412.6	387.1	358.4	327.1	294.0	262.1	226.2	191.3
-40°	458.1	441.1	421.0	397.2	372.0	344.3	313.4	282.2	250.6	215.6	182.5
-42.5°	445.5	427.4	406.2	381.8	356.3	328.8	299.2	269.6	237.9	204.8	173.3
-45°	430.8	412.5	390.3	365.6	340.0	312.9	284.6	256.1	224.7	193.7	163.5
-47.5°	415.3	395.3	373.0	348.6	322.4	296.4	269.2	241.1	211.2	182.2	153.4
-50°	397.0	376.7	354.2	330.1	304.9	278.7	252.9	225.6	197.9	170.5	142.9
-52.5°	376.2	356.1	333.9	310.6	285.8	260.3	235.6	209.9	184.2	158.3	132.1
-55°	353.2	333.9	312.5	289.6	265.8	241.4	218.0	194.2	170.1	145.7	121.1
-57.5°	328.3	310.3	289.4	267.6	245.0	222.3	200.2	178.0	155.6	132.7	110.5
-60°	302.3	284.5	265.3	244.4	223.4	202.6	182.0	161.5	140.6	119.6	99.6
-62.5°	274.3	257.8	239.4	220.2	201.5	182.7	163.5	144.6	125.4	106.9	88.4
-65°	245.3	229.5	212.8	196.4	179.5	162.2	144.6	127.4	110.6	94.0	77.6
-67.5°	215.8	201.2	187.2	172.4	156.7	141.0	125.4	110.6	95.8	80.7	67.8
-70°	184.7	172.6	160.4	147.0	133.1	119.6	106.9	94.0	80.7	69.6	57.9
-72.5°	153.7	143.5	132.6	121.1	110.5	99.6	88.4	77.8	68.4	58.4	47.9
-75°	123.5	115.1	106.6	97.7	88.7	79.5	71.9	64.3	56.0	47.1	39.4
-77.5°	95.6	88.7	81.6	75.2	69.0	62.9	56.9	50.8	43.9	37.6	31.4
-80°	68.9	64.2	59.6	55.0	50.5	46.1	42.4	38.2	33.1	28.1	23.3
-82.5°	43.4	41.4	39.4	37.2	34.7	32.0	29.0	25.8	22.1	18.6	16.1
-85°	26.5	25.1	23.5	21.8	19.9	17.9	16.5	15.1	13.7	12.2	10.8
-87.5°	12.1	11.5	10.9	10.3	9.6	8.9	8.3	7.6	6.8	6.1	5.4
-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°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
85°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
82.5°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
80°	18.7	15.4	12.4	9.3	6.2	3.1	0.0
77.5°	25.6	19.9	15.4	11.6	7.7	3.9	0.0
75°	32.4	25.8	18.8	13.9	9.3	4.6	0.0
72.5°	39.1	31.6	23.5	16.1	10.8	5.4	0.0
70°	46.1	37.3	28.2	18.6	12.2	6.1	0.0
67.5°	54.7	43.0	32.8	22.1	13.7	6.8	0.0
65°	63.2	49.2	37.4	25.7	15.1	7.6	0.0
62.5°	71.4	56.0	41.9	29.1	16.5	8.3	0.0
60°	79.5	62.7	46.4	32.5	17.9	8.9	0.0
57.5°	88.7	69.1	51.4	35.8	20.1	9.6	0.0
55°	97.7	75.3	56.4	39.0	22.3	10.3	0.0
52.5°	106.6	81.6	61.2	42.2	24.4	10.9	0.0
50°	115.1	88.7	65.8	45.3	26.4	11.5	0.0
47.5°	123.5	95.6	70.2	48.3	28.3	12.1	0.0
45°	132.2	102.2	74.4	51.5	30.2	12.7	0.0
42.5°	140.6	108.5	78.5	54.5	32.0	13.2	0.0
40°	148.7	114.6	82.8	57.4	33.7	13.7	0.0
37.5°	156.5	120.3	87.4	60.0	35.4	14.2	0.0
35°	163.9	126.2	91.7	62.6	36.9	14.7	0.0
32.5°	170.8	132.0	95.8	65.0	38.3	15.1	0.0
30°	177.1	137.4	99.6	67.2	39.7	15.5	0.0
27.5°	183.0	142.4	103.3	69.3	41.0	15.9	0.0
25°	188.4	147.1	106.7	71.2	42.1	16.2	0.0
22.5°	193.4	151.5	109.8	72.9	43.2	16.5	0.0
20°	197.9	155.4	112.7	74.5	44.1	16.8	0.0
17.5°	201.8	158.8	115.3	75.8	44.9	17.1	0.0
15°	205.2	161.7	117.6	77.0	45.7	17.3	0.0
12.5°	208.0	164.2	119.7	78.1	46.3	17.5	0.0
10°	210.3	166.3	121.4	78.9	46.8	17.6	0.0
7.5°	212.2	167.8	122.8	79.6	47.2	17.7	0.0
5°	213.5	168.9	123.9	80.0	47.5	17.8	0.0
2.5°	214.2	169.6	124.7	80.3	47.6	17.9	0.0
0°	214.5	169.8	125.1	80.4	47.7	17.9	0.0
-2.5°	214.2	169.6	124.7	80.3	47.6	17.9	0.0
-5°	213.5	168.9	123.9	80.0	47.5	17.8	0.0
-7.5°	212.2	167.8	122.8	79.6	47.2	17.7	0.0
-10°	210.3	166.3	121.4	78.9	46.8	17.6	0.0
-12.5°	208.0	164.2	119.7	78.1	46.3	17.5	0.0
-15°	205.2	161.7	117.6	77.0	45.7	17.3	0.0
-17.5°	201.8	158.8	115.3	75.8	44.9	17.1	0.0
-20°	197.9	155.4	112.7	74.5	44.1	16.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	193.4	151.5	109.8	72.9	43.2	16.5	0.0
-25°	188.4	147.1	106.7	71.2	42.1	16.2	0.0
-27.5°	183.0	142.4	103.3	69.3	41.0	15.9	0.0
-30°	177.1	137.4	99.6	67.2	39.7	15.5	0.0
-32.5°	170.8	132.0	95.8	65.0	38.3	15.1	0.0
-35°	163.9	126.2	91.7	62.6	36.9	14.7	0.0
-37.5°	156.5	120.3	87.4	60.0	35.4	14.2	0.0
-40°	148.7	114.6	82.8	57.4	33.7	13.7	0.0
-42.5°	140.6	108.5	78.5	54.5	32.0	13.2	0.0
-45°	132.2	102.2	74.4	51.5	30.2	12.7	0.0
-47.5°	123.5	95.6	70.2	48.3	28.3	12.1	0.0
-50°	115.1	88.7	65.8	45.3	26.4	11.5	0.0
-52.5°	106.6	81.6	61.2	42.2	24.4	10.9	0.0
-55°	97.7	75.3	56.4	39.0	22.3	10.3	0.0
-57.5°	88.7	69.1	51.4	35.8	20.1	9.6	0.0
-60°	79.5	62.7	46.4	32.5	17.9	8.9	0.0
-62.5°	71.4	56.0	41.9	29.1	16.5	8.3	0.0
-65°	63.2	49.2	37.4	25.7	15.1	7.6	0.0
-67.5°	54.7	43.0	32.8	22.1	13.7	6.8	0.0
-70°	46.1	37.3	28.2	18.6	12.2	6.1	0.0
-72.5°	39.1	31.6	23.5	16.1	10.8	5.4	0.0
-75°	32.4	25.8	18.8	13.9	9.3	4.6	0.0
-77.5°	25.6	19.9	15.4	11.6	7.7	3.9	0.0
-80°	18.7	15.4	12.4	9.3	6.2	3.1	0.0
-82.5°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
-85°	9.3	7.7	6.2	4.7	3.1	1.6	0.0
-87.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)