

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: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559119 (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-SA5E-935-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

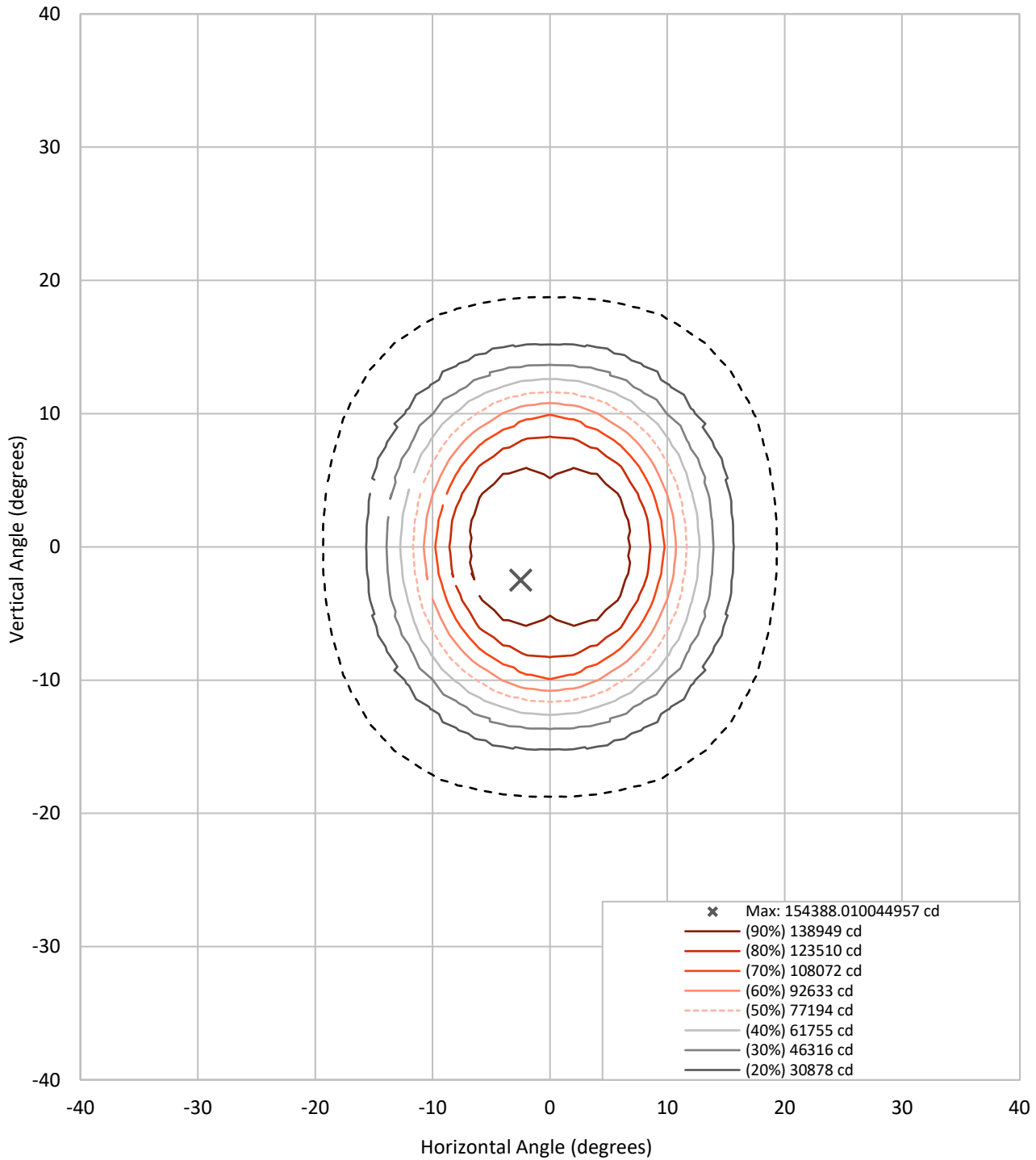
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	29194.6 lumens	Max Intensity:	154388 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	95.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	15761.2 lumens	Field Lumens:	23768.7 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 307
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





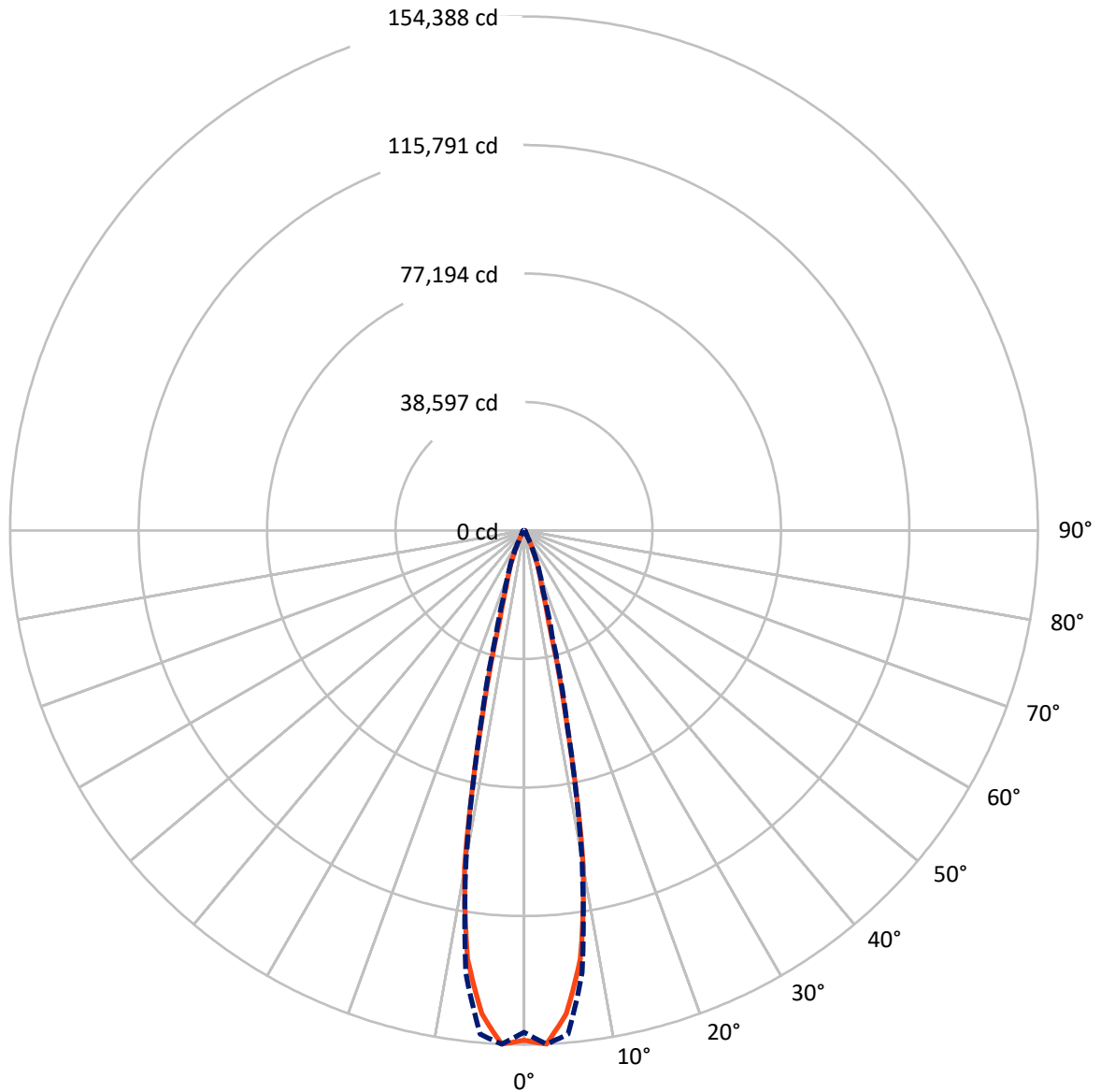
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Lumen Table

90	0.4		3.0		7.8		12.5		14.6		12.5		7.8		3.0		0.4		
80	0.4		3.0		7.8		12.5		14.6		12.5		7.8		3.0		0.4		
70	1.4	1.5	3.2	5.1	7.0	8.7	9.9	10.6	10.6	9.9	8.7	7.0	5.1	3.2	1.5	1.4			
60		2.3	4.6	7.3	9.7	11.5	12.8	13.3	13.3	12.8	11.5	9.7	7.3	4.6	2.3				
50	2.5	3.0	5.8	8.8	11.3	13.7	15.8	16.7	16.7	15.8	13.7	11.3	8.8	5.8	3.0	2.5			
40		3.6	6.8	9.8	13.3	18.1	23.9	28.6	28.6	23.9	18.1	13.3	9.8	6.8	3.6				
30	3.3	4.1	7.4	10.9	16.5	29.8	89.7	174.7	174.7	89.7	29.8	16.5	10.9	7.4	4.1	3.3			
20		4.4	7.7	11.6	20.6	88.6	408.8	1051.0	1051.0	408.8	88.6	20.6	11.6	7.7	4.4				
10	3.5	4.5	7.8	12.1	24.6	172.5	1064.3	3760.2	3760.2	1064.3	172.5	24.6	12.1	7.8	4.5	3.5			
0		4.5	7.8	12.1	24.6	172.5	1064.3	3760.2	3760.2	1064.3	172.5	24.6	12.1	7.8	4.5				
-10	3.3	4.4	7.7	11.6	20.6	88.6	408.8	1051.0	1051.0	408.8	88.6	20.6	11.6	7.7	4.4	3.3			
-20		4.1	7.4	10.9	16.5	29.8	89.7	174.7	174.7	89.7	29.8	16.5	10.9	7.4	4.1				
-30	2.5	3.6	6.8	9.8	13.3	18.1	23.9	28.6	28.6	23.9	18.1	13.3	9.8	6.8	3.6	2.5			
-40		3.0	5.8	8.8	11.3	13.7	15.8	16.7	16.7	15.8	13.7	11.3	8.8	5.8	3.0				
-50	1.4	2.3	4.6	7.3	9.7	11.5	12.8	13.3	13.3	12.8	11.5	9.7	7.3	4.6	2.3	1.4			
-60		1.5	3.2	5.1	7.0	8.7	9.9	10.6	10.6	9.9	8.7	7.0	5.1	3.2	1.5				
-70	0.4		3.0		7.8		12.5		14.6		12.5		7.8		3.0		0.4		
-80	0.4		3.0		7.8		12.5		14.6		12.5		7.8		3.0		0.4		
-90	0.4		3.0		7.8		12.5		14.6		12.5		7.8		3.0		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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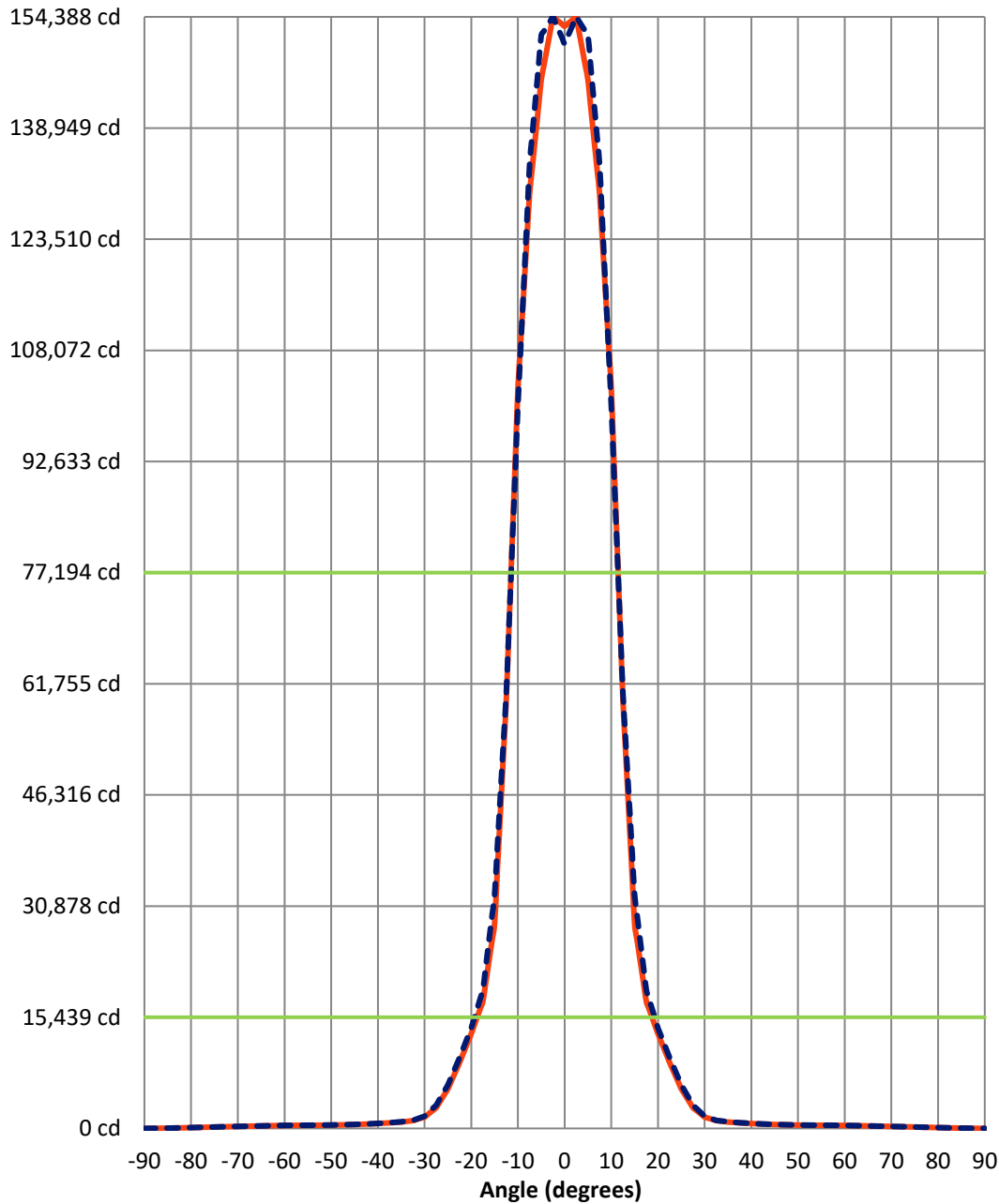
Luminous Intensity Polar Plot



— 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: 15761.2
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 23768.7
 Efficiency: 81.4%

Spill:
 Lumens: 5425.9
 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	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	6.9
85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.5	13.8
82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	17.0	20.3	23.6
80°	0.0	2.8	5.7	8.5	11.3	14.1	17.1	21.4	25.8	30.3	35.0
77.5°	0.0	3.5	7.1	10.6	14.1	18.3	23.4	28.8	34.4	40.3	46.6
75°	0.0	4.2	8.5	12.7	17.2	23.6	29.7	36.1	43.2	51.3	59.0
72.5°	0.0	4.9	9.9	14.8	21.5	28.9	35.9	43.9	53.5	62.7	71.3
70°	0.0	5.6	11.2	17.0	25.9	34.2	42.3	53.1	63.8	74.0	86.1
67.5°	0.0	6.3	12.5	20.3	30.1	39.4	50.2	62.2	74.0	87.8	101.4
65°	0.0	6.9	13.8	23.5	34.3	45.1	57.9	71.1	86.1	101.4	116.7
62.5°	0.0	7.6	15.1	26.7	38.4	51.4	65.5	81.1	98.0	114.9	132.5
60°	0.0	8.2	16.4	29.8	42.5	57.4	72.9	91.3	109.6	128.9	148.0
57.5°	0.0	8.8	18.4	32.8	47.1	63.3	81.3	101.2	121.6	142.5	163.1
55°	0.0	9.4	20.4	35.8	51.7	69.1	89.6	111.0	133.5	155.8	178.0
52.5°	0.0	10.0	22.3	38.7	56.1	74.8	97.7	121.0	145.0	168.8	192.4
50°	0.0	10.5	24.2	41.5	60.3	81.3	105.5	130.9	156.2	181.4	206.8
47.5°	0.0	11.1	26.0	44.3	64.3	87.6	113.2	140.5	167.0	193.6	221.0
45°	0.0	11.6	27.7	47.2	68.2	93.7	121.2	149.9	177.6	206.0	234.8
42.5°	0.0	12.1	29.3	50.0	71.9	99.5	128.9	158.8	187.8	218.1	247.1
40°	0.0	12.6	30.9	52.6	75.9	105.0	136.3	167.3	197.7	229.7	258.6
37.5°	0.0	13.0	32.4	55.0	80.1	110.3	143.4	175.4	207.4	240.3	269.5
35°	0.0	13.4	33.8	57.4	84.1	115.7	150.2	183.1	216.5	249.3	280.0
32.5°	0.0	13.8	35.1	59.5	87.8	120.9	156.6	190.3	225.1	257.9	290.1
30°	0.0	14.2	36.4	61.6	91.3	125.9	162.4	197.1	233.0	265.9	299.3
27.5°	0.0	14.5	37.5	63.5	94.6	130.6	167.8	203.6	240.1	273.4	307.6
25°	0.0	14.9	38.6	65.2	97.8	134.9	172.7	209.5	246.1	280.3	315.0
22.5°	0.0	15.2	39.5	66.8	100.7	138.9	177.3	214.9	251.7	286.4	321.5
20°	0.0	15.4	40.4	68.2	103.3	142.4	181.4	219.6	256.7	291.8	327.3
17.5°	0.0	15.6	41.2	69.5	105.7	145.6	185.0	223.9	261.1	296.4	332.3
15°	0.0	15.8	41.8	70.6	107.8	148.3	188.1	227.5	265.0	300.3	336.7
12.5°	0.0	16.0	42.4	71.6	109.7	150.6	190.7	230.6	268.3	303.4	340.3
10°	0.0	16.2	42.9	72.3	111.3	152.4	192.8	233.1	271.0	306.6	343.2
7.5°	0.0	16.3	43.2	72.9	112.6	153.9	194.5	235.1	273.1	309.4	345.3
5°	0.0	16.3	43.5	73.4	113.6	154.9	195.6	236.5	274.6	311.5	346.6
2.5°	0.0	16.4	43.6	73.6	114.3	155.5	196.4	237.3	275.5	313.1	347.1
0°	0.0	16.4	43.7	73.7	114.7	155.7	196.6	237.6	275.8	314.0	346.8
-2.5°	0.0	16.4	43.7	73.7	114.7	155.7	196.6	237.6	275.8	314.0	346.8
-5°	0.0	16.3	43.5	73.4	113.6	154.9	195.6	236.5	274.6	311.5	346.6
-7.5°	0.0	16.3	43.2	72.9	112.6	153.9	194.5	235.1	273.1	309.4	345.3
-10°	0.0	16.2	42.9	72.3	111.3	152.4	192.8	233.1	271.0	306.6	343.2
-12.5°	0.0	16.0	42.4	71.6	109.7	150.6	190.7	230.6	268.3	303.4	340.3
-15°	0.0	15.8	41.8	70.6	107.8	148.3	188.1	227.5	265.0	300.3	336.7
-17.5°	0.0	15.6	41.2	69.5	105.7	145.6	185.0	223.9	261.1	296.4	332.3
-20°	0.0	15.4	40.4	68.2	103.3	142.4	181.4	219.6	256.7	291.8	327.3



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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	15.2	39.5	66.8	100.7	138.9	177.3	214.9	251.7	286.4	321.5
-25°	0.0	14.9	38.6	65.2	97.8	134.9	172.7	209.5	246.1	280.3	315.0
-27.5°	0.0	14.5	37.5	63.5	94.6	130.6	167.8	203.6	240.1	273.4	307.6
-30°	0.0	14.2	36.4	61.6	91.3	125.9	162.4	197.1	233.0	265.9	299.3
-32.5°	0.0	13.8	35.1	59.5	87.8	120.9	156.6	190.3	225.1	257.9	290.1
-35°	0.0	13.4	33.8	57.4	84.1	115.7	150.2	183.1	216.5	249.3	280.0
-37.5°	0.0	13.0	32.4	55.0	80.1	110.3	143.4	175.4	207.4	240.3	269.5
-40°	0.0	12.6	30.9	52.6	75.9	105.0	136.3	167.3	197.7	229.7	258.6
-42.5°	0.0	12.1	29.3	50.0	71.9	99.5	128.9	158.8	187.8	218.1	247.1
-45°	0.0	11.6	27.7	47.2	68.2	93.7	121.2	149.9	177.6	206.0	234.8
-47.5°	0.0	11.1	26.0	44.3	64.3	87.6	113.2	140.5	167.0	193.6	221.0
-50°	0.0	10.5	24.2	41.5	60.3	81.3	105.5	130.9	156.2	181.4	206.8
-52.5°	0.0	10.0	22.3	38.7	56.1	74.8	97.7	121.0	145.0	168.8	192.4
-55°	0.0	9.4	20.4	35.8	51.7	69.1	89.6	111.0	133.5	155.8	178.0
-57.5°	0.0	8.8	18.4	32.8	47.1	63.3	81.3	101.2	121.6	142.5	163.1
-60°	0.0	8.2	16.4	29.8	42.5	57.4	72.9	91.3	109.6	128.9	148.0
-62.5°	0.0	7.6	15.1	26.7	38.4	51.4	65.5	81.1	98.0	114.9	132.5
-65°	0.0	6.9	13.8	23.5	34.3	45.1	57.9	71.1	86.1	101.4	116.7
-67.5°	0.0	6.3	12.5	20.3	30.1	39.4	50.2	62.2	74.0	87.8	101.4
-70°	0.0	5.6	11.2	17.0	25.9	34.2	42.3	53.1	63.8	74.0	86.1
-72.5°	0.0	4.9	9.9	14.8	21.5	28.9	35.9	43.9	53.5	62.7	71.3
-75°	0.0	4.2	8.5	12.7	17.2	23.6	29.7	36.1	43.2	51.3	59.0
-77.5°	0.0	3.5	7.1	10.6	14.1	18.3	23.4	28.8	34.4	40.3	46.6
-80°	0.0	2.8	5.7	8.5	11.3	14.1	17.1	21.4	25.8	30.3	35.0
-82.5°	0.0	2.1	4.3	6.4	8.5	10.6	12.7	14.8	17.0	20.3	23.6
-85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.2	12.5	13.8
-87.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	6.9
-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):

	-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°	7.6	8.2	8.8	9.4	10.0	10.5	11.1	11.6	12.1	12.6	13.0
85°	15.1	16.4	18.3	20.0	21.6	23.0	24.3	25.4	27.0	28.7	30.4
82.5°	26.6	29.3	31.8	34.1	36.1	37.9	39.8	42.5	46.0	49.2	52.1
80°	38.8	42.3	46.3	50.4	54.6	58.9	63.1	67.4	71.2	74.7	78.5
77.5°	52.2	57.6	63.2	68.9	74.8	81.3	87.6	93.7	99.3	104.8	110.2
75°	65.9	72.9	81.3	89.6	97.7	105.5	113.2	121.0	128.4	135.5	142.3
72.5°	81.1	91.3	101.2	111.0	121.5	131.5	140.9	149.6	158.6	167.8	176.2
70°	98.0	109.6	122.0	134.7	147.1	158.2	169.2	180.6	191.8	201.5	209.9
67.5°	114.9	129.2	143.7	158.1	171.6	184.5	197.7	210.3	222.0	232.1	241.7
65°	132.5	148.6	164.5	180.0	195.1	210.4	224.9	238.4	251.0	262.5	273.3
62.5°	149.8	167.4	184.7	201.9	219.5	236.2	251.4	265.8	279.7	291.9	303.6
60°	166.8	185.8	204.8	224.0	243.2	260.8	277.1	292.1	306.2	319.8	331.9
57.5°	183.5	203.8	224.5	245.2	265.3	284.4	300.9	316.9	331.4	345.1	357.8
55°	199.8	221.3	243.6	265.5	286.4	306.0	323.7	339.8	355.2	367.8	379.8
52.5°	216.0	238.5	261.9	284.7	306.1	326.4	344.8	361.0	375.0	387.9	398.6
50°	231.8	255.4	279.5	302.5	324.6	345.3	363.9	379.4	392.8	404.7	414.7
47.5°	246.7	271.6	295.5	319.5	341.8	362.3	380.6	395.2	408.4	419.0	428.3
45°	260.8	286.8	311.6	335.0	357.7	378.0	394.9	409.6	421.6	432.3	441.8
42.5°	274.3	301.4	326.5	349.9	372.3	391.8	408.3	422.1	434.4	444.8	455.2
40°	287.2	315.6	340.9	364.0	385.8	404.3	419.8	433.8	445.9	457.8	469.1
37.5°	299.8	328.5	354.7	378.1	397.4	415.4	430.7	444.6	458.2	471.2	486.4
35°	311.9	340.9	367.4	390.4	409.3	425.1	440.8	455.9	471.6	488.0	505.8
32.5°	323.0	352.9	379.7	400.8	418.6	434.5	450.7	468.9	487.5	506.3	528.1
30°	332.9	363.7	390.6	410.5	426.9	442.7	461.8	482.7	504.5	526.2	551.5
27.5°	341.6	373.8	399.0	418.1	434.2	449.4	470.8	497.8	521.4	544.6	572.6
25°	349.6	381.9	406.6	424.6	439.7	456.1	478.2	506.0	535.8	561.1	600.0
22.5°	356.5	389.2	413.7	430.4	444.0	461.6	484.1	511.4	542.2	574.0	628.0
20°	362.5	394.7	419.6	435.2	447.2	465.6	487.4	515.3	549.4	595.4	655.1
17.5°	367.7	400.1	424.1	438.4	451.3	468.7	488.5	517.6	557.3	614.6	680.1
15°	372.1	405.4	427.8	441.1	454.4	471.5	493.0	523.4	569.1	632.4	703.0
12.5°	375.8	410.5	430.9	443.3	456.4	473.6	497.9	532.5	583.2	650.1	728.3
10°	378.7	415.2	433.4	445.0	457.4	475.0	502.1	539.6	594.9	666.6	750.7
7.5°	381.3	419.0	435.3	446.3	457.7	475.8	505.4	544.8	603.4	680.2	769.4
5°	383.3	421.4	437.1	447.2	457.5	476.0	508.0	548.1	608.8	690.4	783.4
2.5°	384.6	422.8	438.5	447.7	456.9	475.9	509.9	553.4	615.4	698.0	791.9
0°	385.0	423.3	439.6	447.8	456.0	475.1	510.6	557.1	619.9	701.8	794.6
-2.5°	384.6	422.8	438.5	447.7	456.9	475.9	509.9	553.4	615.4	698.0	791.9
-5°	383.3	421.4	437.1	447.2	457.5	476.0	508.0	548.1	608.8	690.4	783.4
-7.5°	381.3	419.0	435.3	446.3	457.7	475.8	505.4	544.8	603.4	680.2	769.4
-10°	378.7	415.2	433.4	445.0	457.4	475.0	502.1	539.6	594.9	666.6	750.7
-12.5°	375.8	410.5	430.9	443.3	456.4	473.6	497.9	532.5	583.2	650.1	728.3
-15°	372.1	405.4	427.8	441.1	454.4	471.5	493.0	523.4	569.1	632.4	703.0
-17.5°	367.7	400.1	424.1	438.4	451.3	468.7	488.5	517.6	557.3	614.6	680.1
-20°	362.5	394.7	419.6	435.2	447.2	465.6	487.4	515.3	549.4	595.4	655.1



REPORT NUMBER: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	356.5	389.2	413.7	430.4	444.0	461.6	484.1	511.4	542.2	574.0	628.0
-25°	349.6	381.9	406.6	424.6	439.7	456.1	478.2	506.0	535.8	561.1	600.0
-27.5°	341.6	373.8	399.0	418.1	434.2	449.4	470.8	497.8	521.4	544.6	572.6
-30°	332.9	363.7	390.6	410.5	426.9	442.7	461.8	482.7	504.5	526.2	551.5
-32.5°	323.0	352.9	379.7	400.8	418.6	434.5	450.7	468.9	487.5	506.3	528.1
-35°	311.9	340.9	367.4	390.4	409.3	425.1	440.8	455.9	471.6	488.0	505.8
-37.5°	299.8	328.5	354.7	378.1	397.4	415.4	430.7	444.6	458.2	471.2	486.4
-40°	287.2	315.6	340.9	364.0	385.8	404.3	419.8	433.8	445.9	457.8	469.1
-42.5°	274.3	301.4	326.5	349.9	372.3	391.8	408.3	422.1	434.4	444.8	455.2
-45°	260.8	286.8	311.6	335.0	357.7	378.0	394.9	409.6	421.6	432.3	441.8
-47.5°	246.7	271.6	295.5	319.5	341.8	362.3	380.6	395.2	408.4	419.0	428.3
-50°	231.8	255.4	279.5	302.5	324.6	345.3	363.9	379.4	392.8	404.7	414.7
-52.5°	216.0	238.5	261.9	284.7	306.1	326.4	344.8	361.0	375.0	387.9	398.6
-55°	199.8	221.3	243.6	265.5	286.4	306.0	323.7	339.8	355.2	367.8	379.8
-57.5°	183.5	203.8	224.5	245.2	265.3	284.4	300.9	316.9	331.4	345.1	357.8
-60°	166.8	185.8	204.8	224.0	243.2	260.8	277.1	292.1	306.2	319.8	331.9
-62.5°	149.8	167.4	184.7	201.9	219.5	236.2	251.4	265.8	279.7	291.9	303.6
-65°	132.5	148.6	164.5	180.0	195.1	210.4	224.9	238.4	251.0	262.5	273.3
-67.5°	114.9	129.2	143.7	158.1	171.6	184.5	197.7	210.3	222.0	232.1	241.7
-70°	98.0	109.6	122.0	134.7	147.1	158.2	169.2	180.6	191.8	201.5	209.9
-72.5°	81.1	91.3	101.2	111.0	121.5	131.5	140.9	149.6	158.6	167.8	176.2
-75°	65.9	72.9	81.3	89.6	97.7	105.5	113.2	121.0	128.4	135.5	142.3
-77.5°	52.2	57.6	63.2	68.9	74.8	81.3	87.6	93.7	99.3	104.8	110.2
-80°	38.8	42.3	46.3	50.4	54.6	58.9	63.1	67.4	71.2	74.7	78.5
-82.5°	26.6	29.3	31.8	34.1	36.1	37.9	39.8	42.5	46.0	49.2	52.1
-85°	15.1	16.4	18.3	20.0	21.6	23.0	24.3	25.4	27.0	28.7	30.4
-87.5°	7.6	8.2	8.8	9.4	10.0	10.5	11.1	11.6	12.1	12.6	13.0
-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: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	13.4	13.3	13.0	12.8	12.4	13.3	14.1	15.0	15.8	16.0	16.2
85°	32.1	33.1	34.0	35.0	35.9	36.9	37.9	38.7	39.3	40.5	41.5
82.5°	54.6	56.8	58.9	60.8	62.5	64.6	66.6	68.5	70.3	71.4	72.3
80°	82.2	85.9	89.3	92.2	94.8	98.1	101.2	104.1	106.7	108.3	109.6
77.5°	115.5	120.1	124.3	128.4	132.2	135.9	139.1	141.6	143.7	146.1	148.4
75°	148.7	154.8	160.6	165.8	170.5	174.6	178.3	181.7	184.8	187.6	189.9
72.5°	183.9	190.9	197.2	202.9	208.3	213.7	218.6	223.0	226.9	230.1	232.8
70°	217.9	225.5	233.1	240.2	246.7	252.7	258.0	262.8	266.9	270.4	273.3
67.5°	250.8	259.3	267.9	275.9	283.1	289.4	295.4	301.0	306.1	310.0	312.6
65°	283.3	293.0	302.2	310.4	317.7	324.3	331.1	337.0	342.0	345.7	348.2
62.5°	315.1	325.5	334.4	342.9	351.1	358.0	363.8	369.2	374.2	378.3	380.8
60°	343.3	354.2	362.9	370.9	378.4	385.1	390.9	396.6	401.9	406.6	410.2
57.5°	368.3	378.4	387.3	394.5	401.1	407.3	412.9	417.6	421.3	424.1	426.6
55°	390.2	399.1	407.5	414.5	420.4	425.3	429.4	432.8	435.4	437.2	438.7
52.5°	408.7	417.0	425.3	432.2	436.7	440.7	444.3	448.3	450.6	450.9	450.7
50°	423.6	432.5	439.9	446.0	452.2	459.1	466.3	469.8	471.2	470.2	469.1
47.5°	437.3	445.9	454.0	461.8	470.7	482.2	493.9	499.4	499.0	496.5	495.3
45°	450.8	460.2	469.7	481.5	494.0	508.9	522.5	531.1	531.1	531.4	533.4
42.5°	464.8	476.5	489.5	505.5	521.9	538.6	553.1	563.8	571.7	581.4	589.5
40°	482.1	495.1	514.5	534.4	555.7	573.6	596.0	615.4	631.3	645.7	656.7
37.5°	502.3	520.9	545.6	571.2	598.8	626.5	652.9	677.4	698.4	722.3	740.1
35°	526.6	553.2	583.2	615.1	649.5	684.7	718.6	757.7	792.1	822.8	848.0
32.5°	555.1	587.1	623.8	666.3	709.2	755.7	804.4	854.7	903.1	953.6	1004.1
30°	583.6	625.8	672.8	724.2	774.7	835.5	898.9	981.1	1067.4	1165.7	1316.9
27.5°	618.3	668.8	723.3	782.6	851.9	929.7	1051.9	1204.0	1463.6	1657.5	2178.4
25°	652.3	709.9	780.0	856.8	950.0	1092.3	1384.4	1722.3	2474.8	3179.2	3993.1
22.5°	686.7	758.6	842.6	936.2	1098.2	1464.5	2020.9	3039.7	4202.1	5435.9	6692.6
20°	721.5	806.1	911.3	1067.8	1406.7	2033.5	3282.3	4919.3	6571.1	8588.9	10333.9
17.5°	760.6	865.4	1003.0	1238.3	1796.7	3139.9	4987.0	7258.6	9814.6	12408.7	14586.8
15°	792.9	915.7	1099.9	1559.9	2614.2	4396.1	6813.3	9892.5	13377.7	16657.2	19454.5
12.5°	828.5	971.4	1213.7	1820.7	3368.3	5711.1	8896.6	12685.9	16867.0	21360.6	28475.5
10°	861.4	1027.6	1404.7	2362.4	4237.7	7040.0	10762.4	15031.9	20102.6	29099.5	45918.0
7.5°	889.1	1072.1	1548.2	2766.1	5024.6	8293.6	12283.3	17037.9	24661.5	39776.7	68078.3
5°	908.0	1101.7	1648.1	3068.2	5651.4	9218.4	13255.7	18359.0	29312.6	52828.4	86906.2
2.5°	921.3	1117.7	1701.3	3244.4	6048.0	9830.7	13944.7	19247.9	32435.3	60377.8	100304.3
0°	931.2	1122.3	1712.2	3397.0	6182.4	10038.1	13978.6	19486.4	33506.0	63325.4	105078.2
-2.5°	921.3	1117.7	1701.3	3244.4	6048.0	9830.7	13944.7	19247.9	32435.3	60377.8	100304.3
-5°	908.0	1101.7	1648.1	3068.2	5651.4	9218.4	13255.7	18359.0	29312.6	52828.4	86906.2
-7.5°	889.1	1072.1	1548.2	2766.1	5024.6	8293.6	12283.3	17037.9	24661.5	39776.7	68078.3
-10°	861.4	1027.6	1404.7	2362.4	4237.7	7040.0	10762.4	15031.9	20102.6	29099.5	45918.0
-12.5°	828.5	971.4	1213.7	1820.7	3368.3	5711.1	8896.6	12685.9	16867.0	21360.6	28475.5
-15°	792.9	915.7	1099.9	1559.9	2614.2	4396.1	6813.3	9892.5	13377.7	16657.2	19454.5
-17.5°	760.6	865.4	1003.0	1238.3	1796.7	3139.9	4987.0	7258.6	9814.6	12408.7	14586.8
-20°	721.5	806.1	911.3	1067.8	1406.7	2033.5	3282.3	4919.3	6571.1	8588.9	10333.9



REPORT NUMBER: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	686.7	758.6	842.6	936.2	1098.2	1464.5	2020.9	3039.7	4202.1	5435.9	6692.6
-25°	652.3	709.9	780.0	856.8	950.0	1092.3	1384.4	1722.3	2474.8	3179.2	3993.1
-27.5°	618.3	668.8	723.3	782.6	851.9	929.7	1051.9	1204.0	1463.6	1657.5	2178.4
-30°	583.6	625.8	672.8	724.2	774.7	835.5	898.9	981.1	1067.4	1165.7	1316.9
-32.5°	555.1	587.1	623.8	666.3	709.2	755.7	804.4	854.7	903.1	953.6	1004.1
-35°	526.6	553.2	583.2	615.1	649.5	684.7	718.6	757.7	792.1	822.8	848.0
-37.5°	502.3	520.9	545.6	571.2	598.8	626.5	652.9	677.4	698.4	722.3	740.1
-40°	482.1	495.1	514.5	534.4	555.7	573.6	596.0	615.4	631.3	645.7	656.7
-42.5°	464.8	476.5	489.5	505.5	521.9	538.6	553.1	563.8	571.7	581.4	589.5
-45°	450.8	460.2	469.7	481.5	494.0	508.9	522.5	531.1	531.1	531.4	533.4
-47.5°	437.3	445.9	454.0	461.8	470.7	482.2	493.9	499.4	499.0	496.5	495.3
-50°	423.6	432.5	439.9	446.0	452.2	459.1	466.3	469.8	471.2	470.2	469.1
-52.5°	408.7	417.0	425.3	432.2	436.7	440.7	444.3	448.3	450.6	450.9	450.7
-55°	390.2	399.1	407.5	414.5	420.4	425.3	429.4	432.8	435.4	437.2	438.7
-57.5°	368.3	378.4	387.3	394.5	401.1	407.3	412.9	417.6	421.3	424.1	426.6
-60°	343.3	354.2	362.9	370.9	378.4	385.1	390.9	396.6	401.9	406.6	410.2
-62.5°	315.1	325.5	334.4	342.9	351.1	358.0	363.8	369.2	374.2	378.3	380.8
-65°	283.3	293.0	302.2	310.4	317.7	324.3	331.1	337.0	342.0	345.7	348.2
-67.5°	250.8	259.3	267.9	275.9	283.1	289.4	295.4	301.0	306.1	310.0	312.6
-70°	217.9	225.5	233.1	240.2	246.7	252.7	258.0	262.8	266.9	270.4	273.3
-72.5°	183.9	190.9	197.2	202.9	208.3	213.7	218.6	223.0	226.9	230.1	232.8
-75°	148.7	154.8	160.6	165.8	170.5	174.6	178.3	181.7	184.8	187.6	189.9
-77.5°	115.5	120.1	124.3	128.4	132.2	135.9	139.1	141.6	143.7	146.1	148.4
-80°	82.2	85.9	89.3	92.2	94.8	98.1	101.2	104.1	106.7	108.3	109.6
-82.5°	54.6	56.8	58.9	60.8	62.5	64.6	66.6	68.5	70.3	71.4	72.3
-85°	32.1	33.1	34.0	35.0	35.9	36.9	37.9	38.7	39.3	40.5	41.5
-87.5°	13.4	13.3	13.0	12.8	12.4	13.3	14.1	15.0	15.8	16.0	16.2
-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: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.0
85°	42.6	43.5	42.3	41.0	42.3	43.5	42.6	41.5	40.5	39.3	38.7
82.5°	72.9	73.4	73.6	73.7	73.6	73.4	72.9	72.3	71.4	70.3	68.5
80°	110.7	111.4	113.2	114.7	113.2	111.4	110.7	109.6	108.3	106.7	104.1
77.5°	150.4	152.1	152.7	152.9	152.7	152.1	150.4	148.4	146.1	143.7	141.6
75°	191.7	192.9	196.3	199.3	196.3	192.9	191.7	189.9	187.6	184.8	181.7
72.5°	234.9	236.4	238.6	240.3	238.6	236.4	234.9	232.8	230.1	226.9	223.0
70°	275.6	277.2	278.2	278.5	278.2	277.2	275.6	273.3	270.4	266.9	262.8
67.5°	314.5	315.5	315.2	314.0	315.2	315.5	314.5	312.6	310.0	306.1	301.0
65°	349.9	351.0	350.7	349.5	350.7	351.0	349.9	348.2	345.7	342.0	337.0
62.5°	382.6	383.7	384.6	385.0	384.6	383.7	382.6	380.8	378.3	374.2	369.2
60°	413.3	416.0	417.4	417.8	417.4	416.0	413.3	410.2	406.6	401.9	396.6
57.5°	428.7	430.5	431.3	431.5	431.3	430.5	428.7	426.6	424.1	421.3	417.6
55°	439.3	439.4	438.4	436.9	438.4	439.4	439.3	438.7	437.2	435.4	432.8
52.5°	449.8	448.3	447.6	447.8	447.6	448.3	449.8	450.7	450.9	450.6	448.3
50°	467.6	465.0	463.9	464.2	463.9	465.0	467.6	469.1	470.2	471.2	469.8
47.5°	496.9	498.0	499.0	499.7	499.0	498.0	496.9	495.3	496.5	499.0	499.4
45°	538.9	542.7	545.1	546.1	545.1	542.7	538.9	533.4	531.4	531.1	531.1
42.5°	597.7	602.3	604.1	603.5	604.1	602.3	597.7	589.5	581.4	571.7	563.8
40°	668.3	677.4	682.7	682.7	682.7	677.4	668.3	656.7	645.7	631.3	615.4
37.5°	756.2	768.5	774.7	772.8	774.7	768.5	756.2	740.1	722.3	698.4	677.4
35°	867.2	879.4	884.4	890.2	884.4	879.4	867.2	848.0	822.8	792.1	757.7
32.5°	1043.8	1068.6	1078.5	1065.0	1078.5	1068.6	1043.8	1004.1	953.6	903.1	854.7
30°	1419.1	1509.7	1570.4	1600.2	1570.4	1509.7	1419.1	1316.9	1165.7	1067.4	981.1
27.5°	2536.9	2774.2	2874.6	2930.1	2874.6	2774.2	2536.9	2178.4	1657.5	1463.6	1204.0
25°	4690.0	5196.5	5487.9	5464.2	5487.9	5196.5	4690.0	3993.1	3179.2	2474.8	1722.3
22.5°	7860.2	8659.1	9138.3	9314.5	9138.3	8659.1	7860.2	6692.6	5435.9	4202.1	3039.7
20°	11790.4	12686.3	13154.7	13224.9	13154.7	12686.3	11790.4	10333.9	8588.9	6571.1	4919.3
17.5°	16301.0	17150.3	17643.9	17637.7	17643.9	17150.3	16301.0	14586.8	12408.7	9814.6	7258.6
15°	23264.4	26551.7	28405.4	28134.6	28405.4	26551.7	23264.4	19454.5	16657.2	13377.7	9892.5
12.5°	38120.4	51250.1	59394.4	61405.7	59394.4	51250.1	38120.4	28475.5	21360.6	16867.0	12685.9
10°	67363.8	87006.7	102693.8	107227.2	102693.8	87006.7	67363.8	45918.0	29099.5	20102.6	15031.9
7.5°	96898.4	120211.4	129805.7	130920.4	129805.7	120211.4	96898.4	68078.3	39776.7	24661.5	17037.9
5°	119191.2	142913.0	145658.7	138761.6	145658.7	142913.0	119191.2	86906.2	52828.4	29312.6	18359.0
2.5°	133906.5	151828.5	154388.0	150675.8	154388.0	151828.5	133906.5	100304.3	60377.8	32435.3	19247.9
0°	137262.4	149457.8	153093.8	153491.1	153093.8	149457.8	137262.4	105078.2	63325.4	33506.0	19486.4
-2.5°	133906.5	151828.5	154388.0	150675.8	154388.0	151828.5	133906.5	100304.3	60377.8	32435.3	19247.9
-5°	119191.2	142913.0	145658.7	138761.6	145658.7	142913.0	119191.2	86906.2	52828.4	29312.6	18359.0
-7.5°	96898.4	120211.4	129805.7	130920.4	129805.7	120211.4	96898.4	68078.3	39776.7	24661.5	17037.9
-10°	67363.8	87006.7	102693.8	107227.2	102693.8	87006.7	67363.8	45918.0	29099.5	20102.6	15031.9
-12.5°	38120.4	51250.1	59394.4	61405.7	59394.4	51250.1	38120.4	28475.5	21360.6	16867.0	12685.9
-15°	23264.4	26551.7	28405.4	28134.6	28405.4	26551.7	23264.4	19454.5	16657.2	13377.7	9892.5
-17.5°	16301.0	17150.3	17643.9	17637.7	17643.9	17150.3	16301.0	14586.8	12408.7	9814.6	7258.6
-20°	11790.4	12686.3	13154.7	13224.9	13154.7	12686.3	11790.4	10333.9	8588.9	6571.1	4919.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7860.2	8659.1	9138.3	9314.5	9138.3	8659.1	7860.2	6692.6	5435.9	4202.1	3039.7
-25°	4690.0	5196.5	5487.9	5464.2	5487.9	5196.5	4690.0	3993.1	3179.2	2474.8	1722.3
-27.5°	2536.9	2774.2	2874.6	2930.1	2874.6	2774.2	2536.9	2178.4	1657.5	1463.6	1204.0
-30°	1419.1	1509.7	1570.4	1600.2	1570.4	1509.7	1419.1	1316.9	1165.7	1067.4	981.1
-32.5°	1043.8	1068.6	1078.5	1065.0	1078.5	1068.6	1043.8	1004.1	953.6	903.1	854.7
-35°	867.2	879.4	884.4	890.2	884.4	879.4	867.2	848.0	822.8	792.1	757.7
-37.5°	756.2	768.5	774.7	772.8	774.7	768.5	756.2	740.1	722.3	698.4	677.4
-40°	668.3	677.4	682.7	682.7	682.7	677.4	668.3	656.7	645.7	631.3	615.4
-42.5°	597.7	602.3	604.1	603.5	604.1	602.3	597.7	589.5	581.4	571.7	563.8
-45°	538.9	542.7	545.1	546.1	545.1	542.7	538.9	533.4	531.4	531.1	531.1
-47.5°	496.9	498.0	499.0	499.7	499.0	498.0	496.9	495.3	496.5	499.0	499.4
-50°	467.6	465.0	463.9	464.2	463.9	465.0	467.6	469.1	470.2	471.2	469.8
-52.5°	449.8	448.3	447.6	447.8	447.6	448.3	449.8	450.7	450.9	450.6	448.3
-55°	439.3	439.4	438.4	436.9	438.4	439.4	439.3	438.7	437.2	435.4	432.8
-57.5°	428.7	430.5	431.3	431.5	431.3	430.5	428.7	426.6	424.1	421.3	417.6
-60°	413.3	416.0	417.4	417.8	417.4	416.0	413.3	410.2	406.6	401.9	396.6
-62.5°	382.6	383.7	384.6	385.0	384.6	383.7	382.6	380.8	378.3	374.2	369.2
-65°	349.9	351.0	350.7	349.5	350.7	351.0	349.9	348.2	345.7	342.0	337.0
-67.5°	314.5	315.5	315.2	314.0	315.2	315.5	314.5	312.6	310.0	306.1	301.0
-70°	275.6	277.2	278.2	278.5	278.2	277.2	275.6	273.3	270.4	266.9	262.8
-72.5°	234.9	236.4	238.6	240.3	238.6	236.4	234.9	232.8	230.1	226.9	223.0
-75°	191.7	192.9	196.3	199.3	196.3	192.9	191.7	189.9	187.6	184.8	181.7
-77.5°	150.4	152.1	152.7	152.9	152.7	152.1	150.4	148.4	146.1	143.7	141.6
-80°	110.7	111.4	113.2	114.7	113.2	111.4	110.7	109.6	108.3	106.7	104.1
-82.5°	72.9	73.4	73.6	73.7	73.6	73.4	72.9	72.3	71.4	70.3	68.5
-85°	42.6	43.5	42.3	41.0	42.3	43.5	42.6	41.5	40.5	39.3	38.7
-87.5°	16.3	16.3	16.4	16.4	16.4	16.3	16.3	16.2	16.0	15.8	15.0
-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: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.1	13.3	12.4	12.8	13.0	13.3	13.4	13.0	12.6	12.1	11.6
85°	37.9	36.9	35.9	35.0	34.0	33.1	32.1	30.4	28.7	27.0	25.4
82.5°	66.6	64.6	62.5	60.8	58.9	56.8	54.6	52.1	49.2	46.0	42.5
80°	101.2	98.1	94.8	92.2	89.3	85.9	82.2	78.5	74.7	71.2	67.4
77.5°	139.1	135.9	132.2	128.4	124.3	120.1	115.5	110.2	104.8	99.3	93.7
75°	178.3	174.6	170.5	165.8	160.6	154.8	148.7	142.3	135.5	128.4	121.0
72.5°	218.6	213.7	208.3	202.9	197.2	190.9	183.9	176.2	167.8	158.6	149.6
70°	258.0	252.7	246.7	240.2	233.1	225.5	217.9	209.9	201.5	191.8	180.6
67.5°	295.4	289.4	283.1	275.9	267.9	259.3	250.8	241.7	232.1	222.0	210.3
65°	331.1	324.3	317.7	310.4	302.2	293.0	283.3	273.3	262.5	251.0	238.4
62.5°	363.8	358.0	351.1	342.9	334.4	325.5	315.1	303.6	291.9	279.7	265.8
60°	390.9	385.1	378.4	370.9	362.9	354.2	343.3	331.9	319.8	306.2	292.1
57.5°	412.9	407.3	401.1	394.5	387.3	378.4	368.3	357.8	345.1	331.4	316.9
55°	429.4	425.3	420.4	414.5	407.5	399.1	390.2	379.8	367.8	355.2	339.8
52.5°	444.3	440.7	436.7	432.2	425.3	417.0	408.7	398.6	387.9	375.0	361.0
50°	466.3	459.1	452.2	446.0	439.9	432.5	423.6	414.7	404.7	392.8	379.4
47.5°	493.9	482.2	470.7	461.8	454.0	445.9	437.3	428.3	419.0	408.4	395.2
45°	522.5	508.9	494.0	481.5	469.7	460.2	450.8	441.8	432.3	421.6	409.6
42.5°	553.1	538.6	521.9	505.5	489.5	476.5	464.8	455.2	444.8	434.4	422.1
40°	596.0	573.6	555.7	534.4	514.5	495.1	482.1	469.1	457.8	445.9	433.8
37.5°	652.9	626.5	598.8	571.2	545.6	520.9	502.3	486.4	471.2	458.2	444.6
35°	718.6	684.7	649.5	615.1	583.2	553.2	526.6	505.8	488.0	471.6	455.9
32.5°	804.4	755.7	709.2	666.3	623.8	587.1	555.1	528.1	506.3	487.5	468.9
30°	898.9	835.5	774.7	724.2	672.8	625.8	583.6	551.5	526.2	504.5	482.7
27.5°	1051.9	929.7	851.9	782.6	723.3	668.8	618.3	572.6	544.6	521.4	497.8
25°	1384.4	1092.3	950.0	856.8	780.0	709.9	652.3	600.0	561.1	535.8	506.0
22.5°	2020.9	1464.5	1098.2	936.2	842.6	758.6	686.7	628.0	574.0	542.2	511.4
20°	3282.3	2033.5	1406.7	1067.8	911.3	806.1	721.5	655.1	595.4	549.4	515.3
17.5°	4987.0	3139.9	1796.7	1238.3	1003.0	865.4	760.6	680.1	614.6	557.3	517.6
15°	6813.3	4396.1	2614.2	1559.9	1099.9	915.7	792.9	703.0	632.4	569.1	523.4
12.5°	8896.6	5711.1	3368.3	1820.7	1213.7	971.4	828.5	728.3	650.1	583.2	532.5
10°	10762.4	7040.0	4237.7	2362.4	1404.7	1027.6	861.4	750.7	666.6	594.9	539.6
7.5°	12283.3	8293.6	5024.6	2766.1	1548.2	1072.1	889.1	769.4	680.2	603.4	544.8
5°	13255.7	9218.4	5651.4	3068.2	1648.1	1101.7	908.0	783.4	690.4	608.8	548.1
2.5°	13944.7	9830.7	6048.0	3244.4	1701.3	1117.7	921.3	791.9	698.0	615.4	553.4
0°	13978.6	10038.1	6182.4	3397.0	1712.2	1122.3	931.2	794.6	701.8	619.9	557.1
-2.5°	13944.7	9830.7	6048.0	3244.4	1701.3	1117.7	921.3	791.9	698.0	615.4	553.4
-5°	13255.7	9218.4	5651.4	3068.2	1648.1	1101.7	908.0	783.4	690.4	608.8	548.1
-7.5°	12283.3	8293.6	5024.6	2766.1	1548.2	1072.1	889.1	769.4	680.2	603.4	544.8
-10°	10762.4	7040.0	4237.7	2362.4	1404.7	1027.6	861.4	750.7	666.6	594.9	539.6
-12.5°	8896.6	5711.1	3368.3	1820.7	1213.7	971.4	828.5	728.3	650.1	583.2	532.5
-15°	6813.3	4396.1	2614.2	1559.9	1099.9	915.7	792.9	703.0	632.4	569.1	523.4
-17.5°	4987.0	3139.9	1796.7	1238.3	1003.0	865.4	760.6	680.1	614.6	557.3	517.6
-20°	3282.3	2033.5	1406.7	1067.8	911.3	806.1	721.5	655.1	595.4	549.4	515.3



REPORT NUMBER: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2020.9	1464.5	1098.2	936.2	842.6	758.6	686.7	628.0	574.0	542.2	511.4
-25°	1384.4	1092.3	950.0	856.8	780.0	709.9	652.3	600.0	561.1	535.8	506.0
-27.5°	1051.9	929.7	851.9	782.6	723.3	668.8	618.3	572.6	544.6	521.4	497.8
-30°	898.9	835.5	774.7	724.2	672.8	625.8	583.6	551.5	526.2	504.5	482.7
-32.5°	804.4	755.7	709.2	666.3	623.8	587.1	555.1	528.1	506.3	487.5	468.9
-35°	718.6	684.7	649.5	615.1	583.2	553.2	526.6	505.8	488.0	471.6	455.9
-37.5°	652.9	626.5	598.8	571.2	545.6	520.9	502.3	486.4	471.2	458.2	444.6
-40°	596.0	573.6	555.7	534.4	514.5	495.1	482.1	469.1	457.8	445.9	433.8
-42.5°	553.1	538.6	521.9	505.5	489.5	476.5	464.8	455.2	444.8	434.4	422.1
-45°	522.5	508.9	494.0	481.5	469.7	460.2	450.8	441.8	432.3	421.6	409.6
-47.5°	493.9	482.2	470.7	461.8	454.0	445.9	437.3	428.3	419.0	408.4	395.2
-50°	466.3	459.1	452.2	446.0	439.9	432.5	423.6	414.7	404.7	392.8	379.4
-52.5°	444.3	440.7	436.7	432.2	425.3	417.0	408.7	398.6	387.9	375.0	361.0
-55°	429.4	425.3	420.4	414.5	407.5	399.1	390.2	379.8	367.8	355.2	339.8
-57.5°	412.9	407.3	401.1	394.5	387.3	378.4	368.3	357.8	345.1	331.4	316.9
-60°	390.9	385.1	378.4	370.9	362.9	354.2	343.3	331.9	319.8	306.2	292.1
-62.5°	363.8	358.0	351.1	342.9	334.4	325.5	315.1	303.6	291.9	279.7	265.8
-65°	331.1	324.3	317.7	310.4	302.2	293.0	283.3	273.3	262.5	251.0	238.4
-67.5°	295.4	289.4	283.1	275.9	267.9	259.3	250.8	241.7	232.1	222.0	210.3
-70°	258.0	252.7	246.7	240.2	233.1	225.5	217.9	209.9	201.5	191.8	180.6
-72.5°	218.6	213.7	208.3	202.9	197.2	190.9	183.9	176.2	167.8	158.6	149.6
-75°	178.3	174.6	170.5	165.8	160.6	154.8	148.7	142.3	135.5	128.4	121.0
-77.5°	139.1	135.9	132.2	128.4	124.3	120.1	115.5	110.2	104.8	99.3	93.7
-80°	101.2	98.1	94.8	92.2	89.3	85.9	82.2	78.5	74.7	71.2	67.4
-82.5°	66.6	64.6	62.5	60.8	58.9	56.8	54.6	52.1	49.2	46.0	42.5
-85°	37.9	36.9	35.9	35.0	34.0	33.1	32.1	30.4	28.7	27.0	25.4
-87.5°	14.1	13.3	12.4	12.8	13.0	13.3	13.4	13.0	12.6	12.1	11.6
-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: P559119 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	11.1	10.5	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
85°	24.3	23.0	21.6	20.0	18.3	16.4	15.1	13.8	12.5	11.2	9.9
82.5°	39.8	37.9	36.1	34.1	31.8	29.3	26.6	23.6	20.3	17.0	14.8
80°	63.1	58.9	54.6	50.4	46.3	42.3	38.8	35.0	30.3	25.8	21.4
77.5°	87.6	81.3	74.8	68.9	63.2	57.6	52.2	46.6	40.3	34.4	28.8
75°	113.2	105.5	97.7	89.6	81.3	72.9	65.9	59.0	51.3	43.2	36.1
72.5°	140.9	131.5	121.5	111.0	101.2	91.3	81.1	71.3	62.7	53.5	43.9
70°	169.2	158.2	147.1	134.7	122.0	109.6	98.0	86.1	74.0	63.8	53.1
67.5°	197.7	184.5	171.6	158.1	143.7	129.2	114.9	101.4	87.8	74.0	62.2
65°	224.9	210.4	195.1	180.0	164.5	148.6	132.5	116.7	101.4	86.1	71.1
62.5°	251.4	236.2	219.5	201.9	184.7	167.4	149.8	132.5	114.9	98.0	81.1
60°	277.1	260.8	243.2	224.0	204.8	185.8	166.8	148.0	128.9	109.6	91.3
57.5°	300.9	284.4	265.3	245.2	224.5	203.8	183.5	163.1	142.5	121.6	101.2
55°	323.7	306.0	286.4	265.5	243.6	221.3	199.8	178.0	155.8	133.5	111.0
52.5°	344.8	326.4	306.1	284.7	261.9	238.5	216.0	192.4	168.8	145.0	121.0
50°	363.9	345.3	324.6	302.5	279.5	255.4	231.8	206.8	181.4	156.2	130.9
47.5°	380.6	362.3	341.8	319.5	295.5	271.6	246.7	221.0	193.6	167.0	140.5
45°	394.9	378.0	357.7	335.0	311.6	286.8	260.8	234.8	206.0	177.6	149.9
42.5°	408.3	391.8	372.3	349.9	326.5	301.4	274.3	247.1	218.1	187.8	158.8
40°	419.8	404.3	385.8	364.0	340.9	315.6	287.2	258.6	229.7	197.7	167.3
37.5°	430.7	415.4	397.4	378.1	354.7	328.5	299.8	269.5	240.3	207.4	175.4
35°	440.8	425.1	409.3	390.4	367.4	340.9	311.9	280.0	249.3	216.5	183.1
32.5°	450.7	434.5	418.6	400.8	379.7	352.9	323.0	290.1	257.9	225.1	190.3
30°	461.8	442.7	426.9	410.5	390.6	363.7	332.9	299.3	265.9	233.0	197.1
27.5°	470.8	449.4	434.2	418.1	399.0	373.8	341.6	307.6	273.4	240.1	203.6
25°	478.2	456.1	439.7	424.6	406.6	381.9	349.6	315.0	280.3	246.1	209.5
22.5°	484.1	461.6	444.0	430.4	413.7	389.2	356.5	321.5	286.4	251.7	214.9
20°	487.4	465.6	447.2	435.2	419.6	394.7	362.5	327.3	291.8	256.7	219.6
17.5°	488.5	468.7	451.3	438.4	424.1	400.1	367.7	332.3	296.4	261.1	223.9
15°	493.0	471.5	454.4	441.1	427.8	405.4	372.1	336.7	300.3	265.0	227.5
12.5°	497.9	473.6	456.4	443.3	430.9	410.5	375.8	340.3	303.4	268.3	230.6
10°	502.1	475.0	457.4	445.0	433.4	415.2	378.7	343.2	306.6	271.0	233.1
7.5°	505.4	475.8	457.7	446.3	435.3	419.0	381.3	345.3	309.4	273.1	235.1
5°	508.0	476.0	457.5	447.2	437.1	421.4	383.3	346.6	311.5	274.6	236.5
2.5°	509.9	475.9	456.9	447.7	438.5	422.8	384.6	347.1	313.1	275.5	237.3
0°	510.6	475.1	456.0	447.8	439.6	423.3	385.0	346.8	314.0	275.8	237.6
-2.5°	509.9	475.9	456.9	447.7	438.5	422.8	384.6	347.1	313.1	275.5	237.3
-5°	508.0	476.0	457.5	447.2	437.1	421.4	383.3	346.6	311.5	274.6	236.5
-7.5°	505.4	475.8	457.7	446.3	435.3	419.0	381.3	345.3	309.4	273.1	235.1
-10°	502.1	475.0	457.4	445.0	433.4	415.2	378.7	343.2	306.6	271.0	233.1
-12.5°	497.9	473.6	456.4	443.3	430.9	410.5	375.8	340.3	303.4	268.3	230.6
-15°	493.0	471.5	454.4	441.1	427.8	405.4	372.1	336.7	300.3	265.0	227.5
-17.5°	488.5	468.7	451.3	438.4	424.1	400.1	367.7	332.3	296.4	261.1	223.9
-20°	487.4	465.6	447.2	435.2	419.6	394.7	362.5	327.3	291.8	256.7	219.6



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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°	484.1	461.6	444.0	430.4	413.7	389.2	356.5	321.5	286.4	251.7	214.9
-25°	478.2	456.1	439.7	424.6	406.6	381.9	349.6	315.0	280.3	246.1	209.5
-27.5°	470.8	449.4	434.2	418.1	399.0	373.8	341.6	307.6	273.4	240.1	203.6
-30°	461.8	442.7	426.9	410.5	390.6	363.7	332.9	299.3	265.9	233.0	197.1
-32.5°	450.7	434.5	418.6	400.8	379.7	352.9	323.0	290.1	257.9	225.1	190.3
-35°	440.8	425.1	409.3	390.4	367.4	340.9	311.9	280.0	249.3	216.5	183.1
-37.5°	430.7	415.4	397.4	378.1	354.7	328.5	299.8	269.5	240.3	207.4	175.4
-40°	419.8	404.3	385.8	364.0	340.9	315.6	287.2	258.6	229.7	197.7	167.3
-42.5°	408.3	391.8	372.3	349.9	326.5	301.4	274.3	247.1	218.1	187.8	158.8
-45°	394.9	378.0	357.7	335.0	311.6	286.8	260.8	234.8	206.0	177.6	149.9
-47.5°	380.6	362.3	341.8	319.5	295.5	271.6	246.7	221.0	193.6	167.0	140.5
-50°	363.9	345.3	324.6	302.5	279.5	255.4	231.8	206.8	181.4	156.2	130.9
-52.5°	344.8	326.4	306.1	284.7	261.9	238.5	216.0	192.4	168.8	145.0	121.0
-55°	323.7	306.0	286.4	265.5	243.6	221.3	199.8	178.0	155.8	133.5	111.0
-57.5°	300.9	284.4	265.3	245.2	224.5	203.8	183.5	163.1	142.5	121.6	101.2
-60°	277.1	260.8	243.2	224.0	204.8	185.8	166.8	148.0	128.9	109.6	91.3
-62.5°	251.4	236.2	219.5	201.9	184.7	167.4	149.8	132.5	114.9	98.0	81.1
-65°	224.9	210.4	195.1	180.0	164.5	148.6	132.5	116.7	101.4	86.1	71.1
-67.5°	197.7	184.5	171.6	158.1	143.7	129.2	114.9	101.4	87.8	74.0	62.2
-70°	169.2	158.2	147.1	134.7	122.0	109.6	98.0	86.1	74.0	63.8	53.1
-72.5°	140.9	131.5	121.5	111.0	101.2	91.3	81.1	71.3	62.7	53.5	43.9
-75°	113.2	105.5	97.7	89.6	81.3	72.9	65.9	59.0	51.3	43.2	36.1
-77.5°	87.6	81.3	74.8	68.9	63.2	57.6	52.2	46.6	40.3	34.4	28.8
-80°	63.1	58.9	54.6	50.4	46.3	42.3	38.8	35.0	30.3	25.8	21.4
-82.5°	39.8	37.9	36.1	34.1	31.8	29.3	26.6	23.6	20.3	17.0	14.8
-85°	24.3	23.0	21.6	20.0	18.3	16.4	15.1	13.8	12.5	11.2	9.9
-87.5°	11.1	10.5	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.6	4.9
-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°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
80°	17.1	14.1	11.3	8.5	5.7	2.8	0.0
77.5°	23.4	18.3	14.1	10.6	7.1	3.5	0.0
75°	29.7	23.6	17.2	12.7	8.5	4.2	0.0
72.5°	35.9	28.9	21.5	14.8	9.9	4.9	0.0
70°	42.3	34.2	25.9	17.0	11.2	5.6	0.0
67.5°	50.2	39.4	30.1	20.3	12.5	6.3	0.0
65°	57.9	45.1	34.3	23.5	13.8	6.9	0.0
62.5°	65.5	51.4	38.4	26.7	15.1	7.6	0.0
60°	72.9	57.4	42.5	29.8	16.4	8.2	0.0
57.5°	81.3	63.3	47.1	32.8	18.4	8.8	0.0
55°	89.6	69.1	51.7	35.8	20.4	9.4	0.0
52.5°	97.7	74.8	56.1	38.7	22.3	10.0	0.0
50°	105.5	81.3	60.3	41.5	24.2	10.5	0.0
47.5°	113.2	87.6	64.3	44.3	26.0	11.1	0.0
45°	121.2	93.7	68.2	47.2	27.7	11.6	0.0
42.5°	128.9	99.5	71.9	50.0	29.3	12.1	0.0
40°	136.3	105.0	75.9	52.6	30.9	12.6	0.0
37.5°	143.4	110.3	80.1	55.0	32.4	13.0	0.0
35°	150.2	115.7	84.1	57.4	33.8	13.4	0.0
32.5°	156.6	120.9	87.8	59.5	35.1	13.8	0.0
30°	162.4	125.9	91.3	61.6	36.4	14.2	0.0
27.5°	167.8	130.6	94.6	63.5	37.5	14.5	0.0
25°	172.7	134.9	97.8	65.2	38.6	14.9	0.0
22.5°	177.3	138.9	100.7	66.8	39.5	15.2	0.0
20°	181.4	142.4	103.3	68.2	40.4	15.4	0.0
17.5°	185.0	145.6	105.7	69.5	41.2	15.6	0.0
15°	188.1	148.3	107.8	70.6	41.8	15.8	0.0
12.5°	190.7	150.6	109.7	71.6	42.4	16.0	0.0
10°	192.8	152.4	111.3	72.3	42.9	16.2	0.0
7.5°	194.5	153.9	112.6	72.9	43.2	16.3	0.0
5°	195.6	154.9	113.6	73.4	43.5	16.3	0.0
2.5°	196.4	155.5	114.3	73.6	43.6	16.4	0.0
0°	196.6	155.7	114.7	73.7	43.7	16.4	0.0
-2.5°	196.4	155.5	114.3	73.6	43.6	16.4	0.0
-5°	195.6	154.9	113.6	73.4	43.5	16.3	0.0
-7.5°	194.5	153.9	112.6	72.9	43.2	16.3	0.0
-10°	192.8	152.4	111.3	72.3	42.9	16.2	0.0
-12.5°	190.7	150.6	109.7	71.6	42.4	16.0	0.0
-15°	188.1	148.3	107.8	70.6	41.8	15.8	0.0
-17.5°	185.0	145.6	105.7	69.5	41.2	15.6	0.0
-20°	181.4	142.4	103.3	68.2	40.4	15.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	177.3	138.9	100.7	66.8	39.5	15.2	0.0
-25°	172.7	134.9	97.8	65.2	38.6	14.9	0.0
-27.5°	167.8	130.6	94.6	63.5	37.5	14.5	0.0
-30°	162.4	125.9	91.3	61.6	36.4	14.2	0.0
-32.5°	156.6	120.9	87.8	59.5	35.1	13.8	0.0
-35°	150.2	115.7	84.1	57.4	33.8	13.4	0.0
-37.5°	143.4	110.3	80.1	55.0	32.4	13.0	0.0
-40°	136.3	105.0	75.9	52.6	30.9	12.6	0.0
-42.5°	128.9	99.5	71.9	50.0	29.3	12.1	0.0
-45°	121.2	93.7	68.2	47.2	27.7	11.6	0.0
-47.5°	113.2	87.6	64.3	44.3	26.0	11.1	0.0
-50°	105.5	81.3	60.3	41.5	24.2	10.5	0.0
-52.5°	97.7	74.8	56.1	38.7	22.3	10.0	0.0
-55°	89.6	69.1	51.7	35.8	20.4	9.4	0.0
-57.5°	81.3	63.3	47.1	32.8	18.4	8.8	0.0
-60°	72.9	57.4	42.5	29.8	16.4	8.2	0.0
-62.5°	65.5	51.4	38.4	26.7	15.1	7.6	0.0
-65°	57.9	45.1	34.3	23.5	13.8	6.9	0.0
-67.5°	50.2	39.4	30.1	20.3	12.5	6.3	0.0
-70°	42.3	34.2	25.9	17.0	11.2	5.6	0.0
-72.5°	35.9	28.9	21.5	14.8	9.9	4.9	0.0
-75°	29.7	23.6	17.2	12.7	8.5	4.2	0.0
-77.5°	23.4	18.3	14.1	10.6	7.1	3.5	0.0
-80°	17.1	14.1	11.3	8.5	5.7	2.8	0.0
-82.5°	12.7	10.6	8.5	6.4	4.3	2.1	0.0
-85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-87.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)