

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: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-930-U-TSB-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (80) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

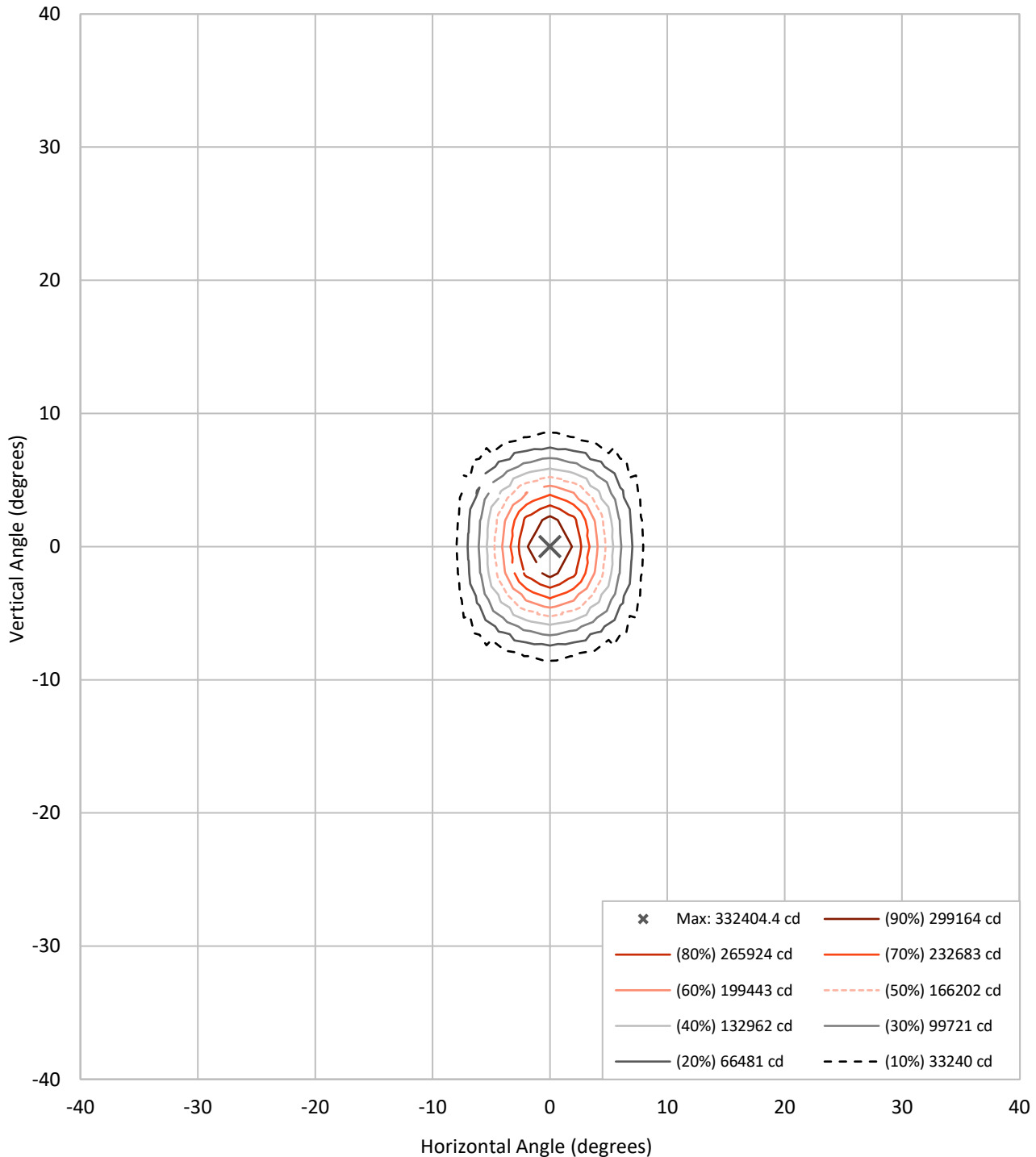
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12944.5 lumens	Max Intensity:	332404.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5548.3 lumens	Field Lumens:	9562.3 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 201
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





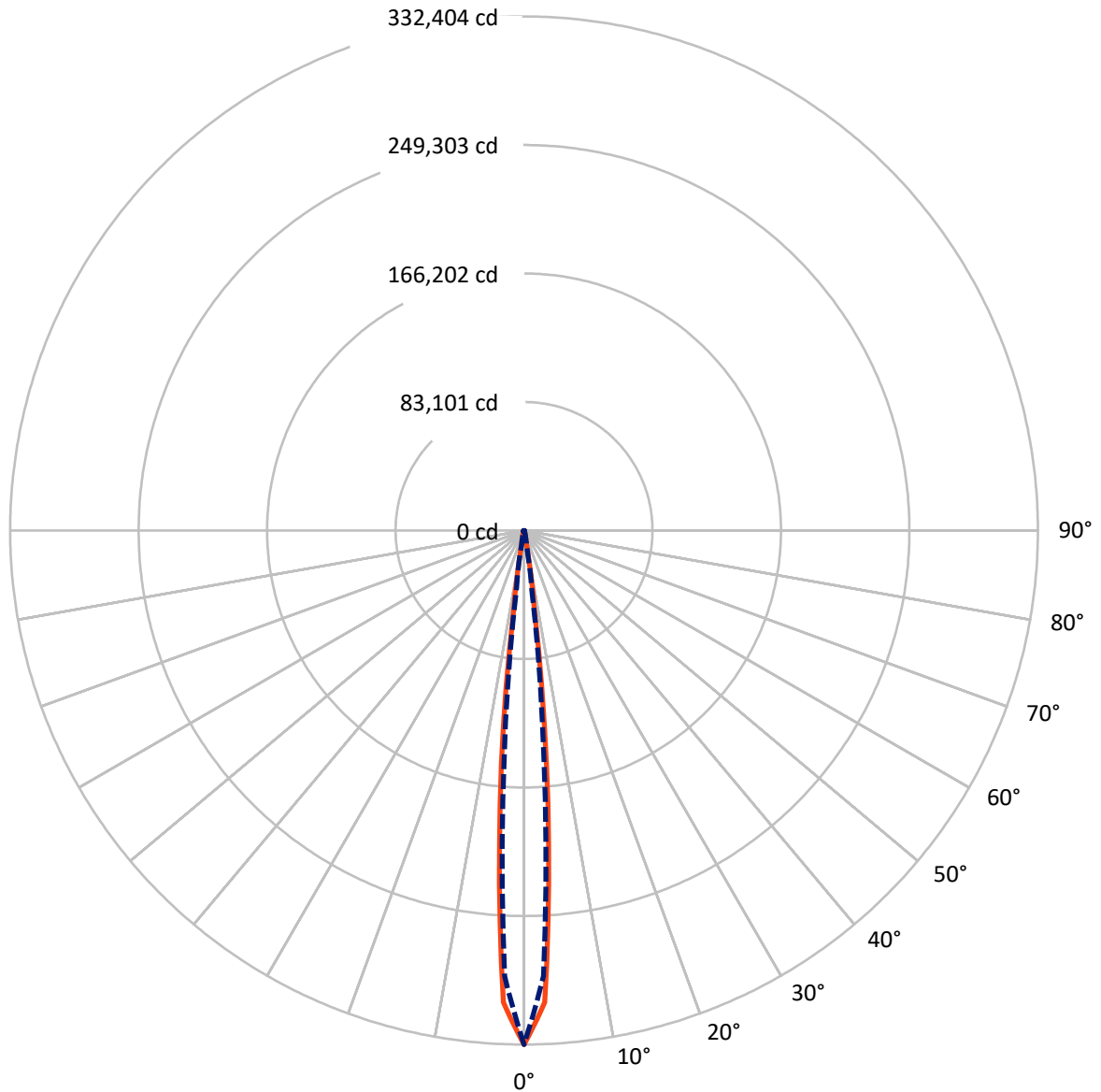
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Lumen Table

90	0.1	0.4		1.4		3.1		5.3		3.1		1.4		0.4		0.1			
80	0.1	0.4		1.4		3.1		5.3		3.1		1.4		0.4		0.1			
70	0.2	0.2	0.7	1.4	2.2	2.8	4.5	8.0	8.0	4.5	2.8	2.2	1.4	0.7	0.2	0.2			
60		0.5	1.3	2.6	4.2	5.7	7.7	10.4	10.4	7.7	5.7	4.2	2.6	1.3	0.5				
50	0.7	0.9	2.0	4.2	7.3	11.0	14.1	16.8	16.8	14.1	11.0	7.3	4.2	2.0	0.9	0.7			
40		1.4	2.9	6.3	11.4	15.3	17.3	18.4	18.4	17.3	15.3	11.4	6.3	2.9	1.4				
30	1.3	2.1	4.0	8.9	13.9	16.7	22.7	29.9	29.9	22.7	16.7	13.9	8.9	4.0	2.1	1.3			
20		2.8	5.5	11.3	15.4	21.9	44.5	88.9	88.9	44.5	21.9	15.4	11.3	5.5	2.8				
10	1.5	3.2	6.6	12.6	16.0	28.1	87.9	2600.7	2600.7	87.9	28.1	16.0	12.6	6.6	3.2	1.5			
0		3.2	6.6	12.6	16.0	28.1	87.9	2600.7	2600.7	87.9	28.1	16.0	12.6	6.6	3.2				
-10	1.3	2.8	5.5	11.3	15.4	21.9	44.5	88.9	88.9	44.5	21.9	15.4	11.3	5.5	2.8	1.3			
-20		2.1	4.0	8.9	13.9	16.7	22.7	29.9	29.9	22.7	16.7	13.9	8.9	4.0	2.1				
-30	0.7	1.4	2.9	6.3	11.4	15.3	17.3	18.4	18.4	17.3	15.3	11.4	6.3	2.9	1.4	0.7			
-40		0.9	2.0	4.2	7.3	11.0	14.1	16.8	16.8	14.1	11.0	7.3	4.2	2.0	0.9				
-50	0.2	0.5	1.3	2.6	4.2	5.7	7.7	10.4	10.4	7.7	5.7	4.2	2.6	1.3	0.5	0.2			
-60		0.2	0.7	1.4	2.2	2.8	4.5	8.0	8.0	4.5	2.8	2.2	1.4	0.7	0.2				
-70	0.1	0.4		1.4		3.1		5.3		3.1		1.4		0.4		0.1			
-80		0.4		1.4		3.1		5.3		3.1		1.4		0.4					
-90	0.1	0.4		1.4		3.1		5.3		3.1		1.4		0.4		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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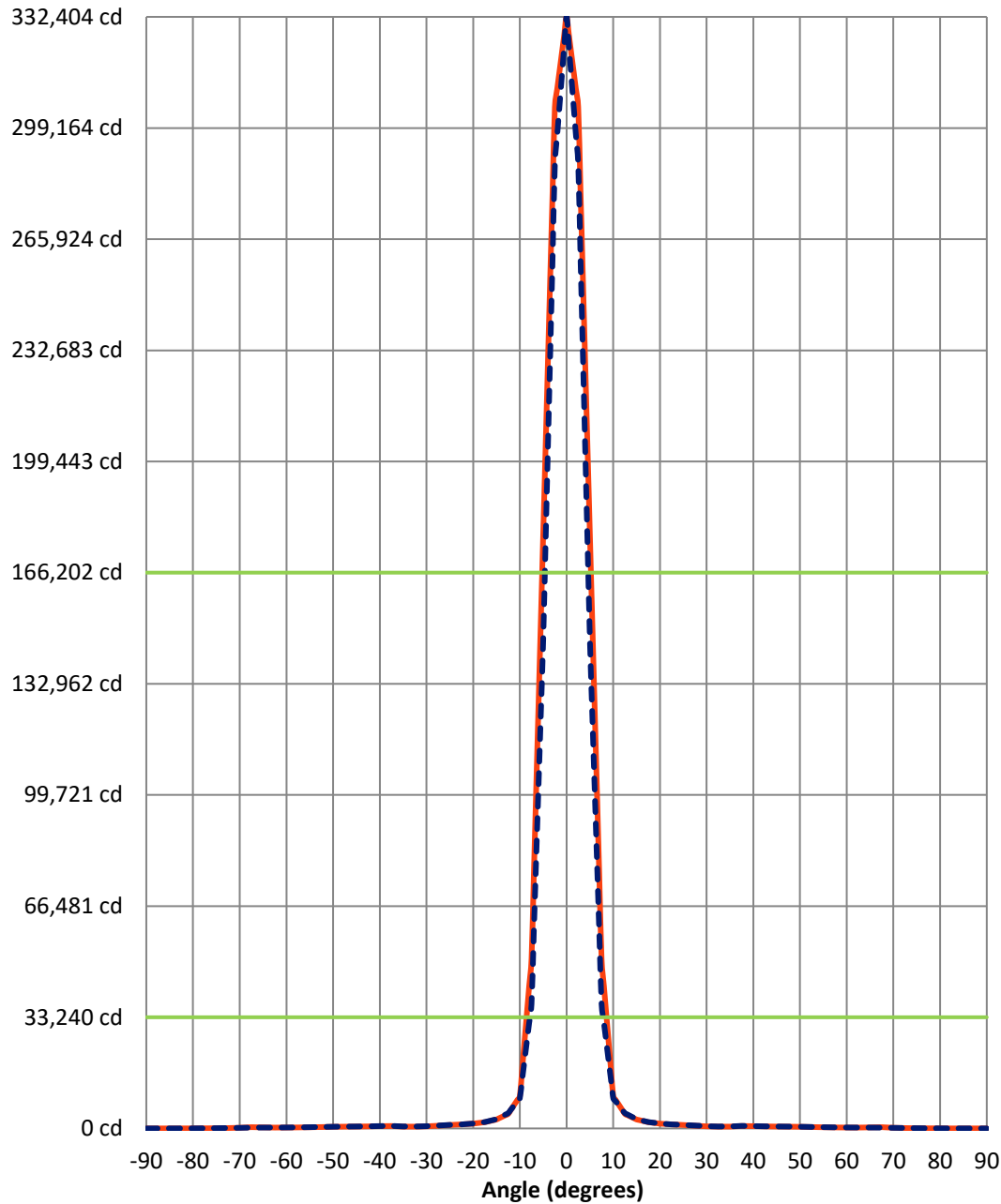
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 5548.3
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 9562.3
Efficiency: 73.9%

Spill:
Lumens: 3382.2
Efficiency: 26.1%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.8	3.8	3.8
80°	0.0	0.7	1.3	2.0	2.6	3.3	3.8	3.8	3.8	3.8	3.8
77.5°	0.0	0.8	1.6	2.5	3.3	3.8	3.8	3.8	3.8	3.8	4.2
75°	0.0	1.0	2.0	2.9	3.8	3.8	3.8	3.8	4.0	5.0	5.8
72.5°	0.0	1.1	2.3	3.4	3.8	3.8	3.8	4.2	5.6	6.7	7.5
70°	0.0	1.3	2.6	3.8	3.8	3.8	4.0	5.8	7.2	8.4	10.4
67.5°	0.0	1.5	2.9	3.8	3.8	3.8	5.4	7.3	8.9	11.4	13.6
65°	0.0	1.6	3.2	3.8	3.8	4.4	6.8	8.9	11.7	14.5	17.3
62.5°	0.0	1.8	3.5	3.8	3.8	5.7	8.3	11.2	14.6	17.9	22.2
60°	0.0	1.9	3.8	3.8	3.8	6.9	9.7	13.7	17.4	22.6	27.3
57.5°	0.0	2.0	3.8	3.8	4.8	8.2	12.1	16.3	21.5	27.4	33.0
55°	0.0	2.2	3.9	3.8	5.8	9.4	14.7	19.1	25.9	32.4	39.1
52.5°	0.0	2.3	3.9	3.8	6.8	10.8	17.4	23.4	30.3	38.2	45.3
50°	0.0	2.4	3.9	3.8	7.8	13.2	20.1	27.9	35.1	44.2	52.9
47.5°	0.0	2.6	4.0	4.0	8.7	15.5	23.1	32.6	40.5	50.2	60.9
45°	0.0	2.7	4.0	4.7	9.6	17.9	27.3	37.5	46.9	57.7	69.2
42.5°	0.0	2.8	4.1	5.4	10.6	20.4	31.6	43.0	53.7	65.4	78.9
40°	0.0	2.9	4.2	6.0	12.0	22.8	35.9	49.1	61.2	73.4	89.3
37.5°	0.0	3.0	4.2	6.7	13.8	25.2	40.3	55.3	69.6	83.6	100.0
35°	0.0	3.1	4.3	7.2	15.6	28.3	44.7	61.6	78.2	95.3	110.3
32.5°	0.0	3.2	4.4	7.8	17.4	31.7	49.4	68.0	86.8	107.5	123.3
30°	0.0	3.3	4.5	8.2	19.1	35.1	54.5	74.7	95.5	120.0	137.9
27.5°	0.0	3.4	4.6	8.6	20.3	38.5	59.6	81.9	105.0	133.0	154.1
25°	0.0	3.4	4.7	8.9	21.1	41.7	64.7	88.9	115.6	146.4	171.5
22.5°	0.0	3.5	4.8	9.2	21.8	44.3	69.6	95.9	126.2	160.6	186.2
20°	0.0	3.6	4.9	9.4	22.3	45.2	74.4	102.6	136.7	175.3	200.7
17.5°	0.0	3.6	5.0	9.6	22.6	45.8	76.9	109.2	147.1	190.5	215.0
15°	0.0	3.7	5.1	9.7	22.8	46.0	77.8	113.9	157.2	205.9	229.0
12.5°	0.0	3.7	5.2	9.7	22.8	46.0	78.4	116.3	163.8	221.2	242.7
10°	0.0	3.7	5.3	9.8	22.6	45.6	78.6	118.5	167.1	227.1	252.3
7.5°	0.0	3.8	5.4	9.7	22.4	45.0	78.4	120.3	169.6	230.6	254.0
5°	0.0	3.8	5.5	9.7	21.9	44.1	77.9	121.7	171.2	233.0	255.5
2.5°	0.0	3.8	5.6	9.6	21.4	43.0	76.9	122.6	172.1	234.3	256.5
0°	0.0	3.8	5.7	9.5	20.8	41.6	75.6	122.9	172.1	234.5	257.2
-2.5°	0.0	3.8	5.6	9.6	21.4	43.0	76.9	122.6	172.1	234.3	256.5
-5°	0.0	3.8	5.5	9.7	21.9	44.1	77.9	121.7	171.2	233.0	255.5
-7.5°	0.0	3.8	5.4	9.7	22.4	45.0	78.4	120.3	169.6	230.6	254.0
-10°	0.0	3.7	5.3	9.8	22.6	45.6	78.6	118.5	167.1	227.1	252.3
-12.5°	0.0	3.7	5.2	9.7	22.8	46.0	78.4	116.3	163.8	221.2	242.7
-15°	0.0	3.7	5.1	9.7	22.8	46.0	77.8	113.9	157.2	205.9	229.0
-17.5°	0.0	3.6	5.0	9.6	22.6	45.8	76.9	109.2	147.1	190.5	215.0
-20°	0.0	3.6	4.9	9.4	22.3	45.2	74.4	102.6	136.7	175.3	200.7



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.5	4.8	9.2	21.8	44.3	69.6	95.9	126.2	160.6	186.2
-25°	0.0	3.4	4.7	8.9	21.1	41.7	64.7	88.9	115.6	146.4	171.5
-27.5°	0.0	3.4	4.6	8.6	20.3	38.5	59.6	81.9	105.0	133.0	154.1
-30°	0.0	3.3	4.5	8.2	19.1	35.1	54.5	74.7	95.5	120.0	137.9
-32.5°	0.0	3.2	4.4	7.8	17.4	31.7	49.4	68.0	86.8	107.5	123.3
-35°	0.0	3.1	4.3	7.2	15.6	28.3	44.7	61.6	78.2	95.3	110.3
-37.5°	0.0	3.0	4.2	6.7	13.8	25.2	40.3	55.3	69.6	83.6	100.0
-40°	0.0	2.9	4.2	6.0	12.0	22.8	35.9	49.1	61.2	73.4	89.3
-42.5°	0.0	2.8	4.1	5.4	10.6	20.4	31.6	43.0	53.7	65.4	78.9
-45°	0.0	2.7	4.0	4.7	9.6	17.9	27.3	37.5	46.9	57.7	69.2
-47.5°	0.0	2.6	4.0	4.0	8.7	15.5	23.1	32.6	40.5	50.2	60.9
-50°	0.0	2.4	3.9	3.8	7.8	13.2	20.1	27.9	35.1	44.2	52.9
-52.5°	0.0	2.3	3.9	3.8	6.8	10.8	17.4	23.4	30.3	38.2	45.3
-55°	0.0	2.2	3.9	3.8	5.8	9.4	14.7	19.1	25.9	32.4	39.1
-57.5°	0.0	2.0	3.8	3.8	4.8	8.2	12.1	16.3	21.5	27.4	33.0
-60°	0.0	1.9	3.8	3.8	3.8	6.9	9.7	13.7	17.4	22.6	27.3
-62.5°	0.0	1.8	3.5	3.8	3.8	5.7	8.3	11.2	14.6	17.9	22.2
-65°	0.0	1.6	3.2	3.8	3.8	4.4	6.8	8.9	11.7	14.5	17.3
-67.5°	0.0	1.5	2.9	3.8	3.8	3.8	5.4	7.3	8.9	11.4	13.6
-70°	0.0	1.3	2.6	3.8	3.8	3.8	4.0	5.8	7.2	8.4	10.4
-72.5°	0.0	1.1	2.3	3.4	3.8	3.8	3.8	4.2	5.6	6.7	7.5
-75°	0.0	1.0	2.0	2.9	3.8	3.8	3.8	3.8	4.0	5.0	5.8
-77.5°	0.0	0.8	1.6	2.5	3.3	3.8	3.8	3.8	3.8	3.8	4.2
-80°	0.0	0.7	1.3	2.0	2.6	3.3	3.8	3.8	3.8	3.8	3.8
-82.5°	0.0	0.5	1.0	1.5	2.0	2.5	2.9	3.4	3.8	3.8	3.8
-85°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
-87.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.5	1.4	1.3	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	3.1	2.9	2.5	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
82.5°	3.5	3.3	3.3	3.3	3.5	3.7	3.9	4.2	4.6	4.9	5.2
80°	3.7	3.8	4.3	4.9	5.4	5.9	6.4	6.9	7.4	8.1	9.1
77.5°	4.9	5.6	6.4	7.0	7.9	9.3	10.5	11.6	12.9	14.4	16.0
75°	6.6	7.5	9.3	11.4	13.3	14.8	16.1	18.2	20.7	23.5	26.2
72.5°	9.1	11.4	13.9	16.5	19.7	22.4	25.0	27.5	31.5	36.0	39.3
70°	12.5	15.3	19.2	23.5	27.6	31.1	36.3	42.4	48.6	51.8	53.6
67.5°	16.1	20.6	25.4	30.6	36.2	42.1	49.2	55.9	62.2	64.8	67.2
65°	20.9	26.1	31.9	38.2	44.7	51.8	59.1	66.6	73.2	76.6	80.4
62.5°	25.8	31.9	38.7	45.8	53.0	60.6	69.5	77.0	82.7	89.5	97.5
60°	31.7	37.8	45.4	53.3	61.6	72.3	81.2	89.5	97.2	104.9	116.9
57.5°	37.9	43.8	52.3	61.6	73.0	85.2	95.3	104.3	114.9	126.0	138.1
55°	44.6	49.9	59.6	71.1	84.2	98.7	110.5	122.8	135.1	144.9	155.6
52.5°	52.4	57.2	67.4	80.6	95.8	112.0	127.8	140.7	152.0	162.8	175.0
50°	60.5	66.7	74.9	90.7	107.6	126.1	144.0	156.8	169.7	182.5	196.2
47.5°	69.9	76.8	83.7	100.8	120.0	138.9	157.4	173.8	188.1	205.1	220.8
45°	80.3	88.3	95.7	111.6	131.3	150.5	171.0	190.9	210.9	231.0	256.2
42.5°	91.1	99.9	109.3	121.6	141.4	162.6	184.6	211.1	236.5	264.5	297.2
40°	101.7	111.4	122.7	133.8	151.3	175.0	201.8	231.5	267.3	303.6	343.1
37.5°	112.0	123.3	135.4	146.9	162.4	189.0	218.6	256.4	299.6	345.4	395.7
35°	122.2	134.6	147.0	160.6	177.9	203.8	240.3	283.2	335.0	392.8	438.8
32.5°	132.1	145.5	158.0	174.4	195.8	222.3	261.1	315.1	374.9	433.6	464.4
30°	144.5	155.2	169.0	187.5	213.2	246.9	289.2	347.4	415.4	455.4	484.0
27.5°	161.1	164.9	180.4	202.1	231.1	271.2	323.8	384.3	440.5	475.6	501.3
25°	177.4	181.4	191.1	216.8	252.7	299.9	359.0	427.9	461.3	491.0	520.7
22.5°	193.0	197.2	209.5	230.7	273.5	329.2	397.8	458.2	490.0	508.9	541.1
20°	207.6	214.1	229.3	253.9	294.9	356.9	435.5	486.2	516.5	539.2	568.9
17.5°	221.8	230.7	249.3	279.2	324.9	388.0	469.7	514.1	543.7	565.6	602.4
15°	235.4	246.9	268.6	302.8	352.9	421.3	492.6	537.0	568.8	590.4	633.3
12.5°	248.6	262.6	287.0	324.9	378.2	450.4	512.0	551.8	583.5	616.5	660.9
10°	261.5	277.9	304.6	345.2	400.7	475.4	528.2	563.7	595.4	637.4	683.6
7.5°	263.4	285.6	318.9	364.0	420.8	496.6	541.5	572.9	607.3	656.4	704.3
5°	263.4	285.0	320.0	368.9	430.3	509.1	550.9	579.9	618.9	673.4	722.6
2.5°	263.2	283.7	320.3	370.5	432.7	510.4	552.3	581.8	625.5	690.1	739.5
0°	262.8	281.8	319.6	370.6	433.0	508.7	552.2	582.4	629.7	705.3	754.5
-2.5°	263.2	283.7	320.3	370.5	432.7	510.4	552.3	581.8	625.5	690.1	739.5
-5°	263.4	285.0	320.0	368.9	430.3	509.1	550.9	579.9	618.9	673.4	722.6
-7.5°	263.4	285.6	318.9	364.0	420.8	496.6	541.5	572.9	607.3	656.4	704.3
-10°	261.5	277.9	304.6	345.2	400.7	475.4	528.2	563.7	595.4	637.4	683.6
-12.5°	248.6	262.6	287.0	324.9	378.2	450.4	512.0	551.8	583.5	616.5	660.9
-15°	235.4	246.9	268.6	302.8	352.9	421.3	492.6	537.0	568.8	590.4	633.3
-17.5°	221.8	230.7	249.3	279.2	324.9	388.0	469.7	514.1	543.7	565.6	602.4
-20°	207.6	214.1	229.3	253.9	294.9	356.9	435.5	486.2	516.5	539.2	568.9



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	193.0	197.2	209.5	230.7	273.5	329.2	397.8	458.2	490.0	508.9	541.1
-25°	177.4	181.4	191.1	216.8	252.7	299.9	359.0	427.9	461.3	491.0	520.7
-27.5°	161.1	164.9	180.4	202.1	231.1	271.2	323.8	384.3	440.5	475.6	501.3
-30°	144.5	155.2	169.0	187.5	213.2	246.9	289.2	347.4	415.4	455.4	484.0
-32.5°	132.1	145.5	158.0	174.4	195.8	222.3	261.1	315.1	374.9	433.6	464.4
-35°	122.2	134.6	147.0	160.6	177.9	203.8	240.3	283.2	335.0	392.8	438.8
-37.5°	112.0	123.3	135.4	146.9	162.4	189.0	218.6	256.4	299.6	345.4	395.7
-40°	101.7	111.4	122.7	133.8	151.3	175.0	201.8	231.5	267.3	303.6	343.1
-42.5°	91.1	99.9	109.3	121.6	141.4	162.6	184.6	211.1	236.5	264.5	297.2
-45°	80.3	88.3	95.7	111.6	131.3	150.5	171.0	190.9	210.9	231.0	256.2
-47.5°	69.9	76.8	83.7	100.8	120.0	138.9	157.4	173.8	188.1	205.1	220.8
-50°	60.5	66.7	74.9	90.7	107.6	126.1	144.0	156.8	169.7	182.5	196.2
-52.5°	52.4	57.2	67.4	80.6	95.8	112.0	127.8	140.7	152.0	162.8	175.0
-55°	44.6	49.9	59.6	71.1	84.2	98.7	110.5	122.8	135.1	144.9	155.6
-57.5°	37.9	43.8	52.3	61.6	73.0	85.2	95.3	104.3	114.9	126.0	138.1
-60°	31.7	37.8	45.4	53.3	61.6	72.3	81.2	89.5	97.2	104.9	116.9
-62.5°	25.8	31.9	38.7	45.8	53.0	60.6	69.5	77.0	82.7	89.5	97.5
-65°	20.9	26.1	31.9	38.2	44.7	51.8	59.1	66.6	73.2	76.6	80.4
-67.5°	16.1	20.6	25.4	30.6	36.2	42.1	49.2	55.9	62.2	64.8	67.2
-70°	12.5	15.3	19.2	23.5	27.6	31.1	36.3	42.4	48.6	51.8	53.6
-72.5°	9.1	11.4	13.9	16.5	19.7	22.4	25.0	27.5	31.5	36.0	39.3
-75°	6.6	7.5	9.3	11.4	13.3	14.8	16.1	18.2	20.7	23.5	26.2
-77.5°	4.9	5.6	6.4	7.0	7.9	9.3	10.5	11.6	12.9	14.4	16.0
-80°	3.7	3.8	4.3	4.9	5.4	5.9	6.4	6.9	7.4	8.1	9.1
-82.5°	3.5	3.3	3.3	3.3	3.5	3.7	3.9	4.2	4.6	4.9	5.2
-85°	3.1	2.9	2.5	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
-87.5°	1.5	1.4	1.3	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
85°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7
82.5°	5.5	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.3	7.4
80°	10.1	10.9	11.5	12.0	12.3	13.7	15.3	17.1	18.9	19.5	20.0
77.5°	18.0	19.3	20.2	20.8	21.2	24.2	28.0	31.9	36.0	38.2	39.9
75°	28.7	30.3	31.3	32.0	32.5	37.0	43.7	50.7	58.0	61.8	64.6
72.5°	41.5	42.8	43.8	44.7	45.3	52.0	64.1	77.3	91.3	99.8	106.0
70°	55.3	56.8	58.0	59.0	59.8	67.8	85.4	103.8	122.7	141.8	162.0
67.5°	69.9	73.1	74.7	75.7	76.7	83.5	102.2	119.5	135.4	169.8	224.0
65°	85.9	93.2	96.2	97.9	98.5	101.6	117.7	132.1	145.1	171.9	213.2
62.5°	106.3	115.8	120.3	122.2	123.3	123.5	136.6	148.8	159.9	176.6	202.8
60°	128.1	138.5	143.9	145.4	146.4	146.8	157.2	169.2	180.3	193.9	218.4
57.5°	148.2	157.9	166.0	169.2	171.7	173.5	182.7	196.7	209.9	223.5	249.8
55°	167.3	179.1	190.3	196.5	202.3	207.4	216.4	234.2	251.1	267.0	294.4
52.5°	188.2	203.3	218.2	229.4	240.5	250.1	259.8	282.8	305.3	326.6	353.2
50°	213.1	231.8	253.6	271.9	287.7	303.2	317.1	344.3	374.9	403.9	431.9
47.5°	244.7	269.4	297.2	323.3	344.7	368.7	390.5	418.5	445.5	472.6	495.7
45°	283.5	317.6	349.7	384.4	414.9	430.8	443.4	460.8	488.6	515.1	536.7
42.5°	333.2	372.8	412.3	438.1	457.7	470.6	479.8	488.9	518.1	543.7	564.6
40°	388.4	428.2	452.5	473.7	487.3	498.7	513.1	527.3	550.2	576.5	599.7
37.5°	436.2	461.8	483.2	499.7	516.2	531.4	552.2	572.7	594.4	623.9	645.4
35°	465.7	488.1	509.9	530.7	551.7	575.2	601.2	631.2	657.9	633.6	598.6
32.5°	488.1	511.2	537.5	569.6	598.6	630.7	663.1	610.9	557.4	536.4	540.7
30°	507.7	534.4	570.7	612.6	652.9	638.5	567.0	542.1	549.4	564.1	592.4
27.5°	528.7	562.0	606.1	657.7	626.0	546.9	551.1	565.6	614.6	656.1	719.2
25°	553.5	593.8	648.4	624.5	552.1	559.5	596.2	651.5	744.8	831.7	907.8
22.5°	583.3	634.6	641.9	552.2	562.0	609.9	684.2	804.0	917.3	1022.5	1100.9
20°	613.7	672.9	581.9	562.9	605.0	690.6	828.7	966.2	1092.7	1186.7	1265.2
17.5°	650.1	629.2	564.8	585.0	670.1	817.9	973.3	1119.0	1238.3	1400.9	1539.3
15°	681.9	587.1	575.1	641.7	769.8	936.1	1105.0	1235.9	1451.4	1684.4	1920.0
12.5°	663.7	572.2	593.7	692.3	860.6	1040.4	1189.7	1396.9	1682.0	2022.4	2533.7
10°	636.6	580.6	633.1	762.2	938.4	1113.5	1268.6	1540.2	1916.5	2541.6	3346.8
7.5°	615.7	584.2	659.2	815.9	996.2	1157.6	1364.4	1693.8	2218.3	3075.8	4790.3
5°	599.8	584.1	671.2	846.9	1030.5	1188.1	1423.5	1805.4	2514.0	3735.8	6665.5
2.5°	592.8	581.0	674.5	863.6	1047.2	1205.0	1460.2	1885.7	2700.7	4348.9	8764.7
0°	597.6	574.9	673.2	869.9	1057.1	1202.7	1465.5	1909.9	2757.1	4575.3	9046.5
-2.5°	592.8	581.0	674.5	863.6	1047.2	1205.0	1460.2	1885.7	2700.7	4348.9	8764.7
-5°	599.8	584.1	671.2	846.9	1030.5	1188.1	1423.5	1805.4	2514.0	3735.8	6665.5
-7.5°	615.7	584.2	659.2	815.9	996.2	1157.6	1364.4	1693.8	2218.3	3075.8	4790.3
-10°	636.6	580.6	633.1	762.2	938.4	1113.5	1268.6	1540.2	1916.5	2541.6	3346.8
-12.5°	663.7	572.2	593.7	692.3	860.6	1040.4	1189.7	1396.9	1682.0	2022.4	2533.7
-15°	681.9	587.1	575.1	641.7	769.8	936.1	1105.0	1235.9	1451.4	1684.4	1920.0
-17.5°	650.1	629.2	564.8	585.0	670.1	817.9	973.3	1119.0	1238.3	1400.9	1539.3
-20°	613.7	672.9	581.9	562.9	605.0	690.6	828.7	966.2	1092.7	1186.7	1265.2



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	583.3	634.6	641.9	552.2	562.0	609.9	684.2	804.0	917.3	1022.5	1100.9
-25°	553.5	593.8	648.4	624.5	552.1	559.5	596.2	651.5	744.8	831.7	907.8
-27.5°	528.7	562.0	606.1	657.7	626.0	546.9	551.1	565.6	614.6	656.1	719.2
-30°	507.7	534.4	570.7	612.6	652.9	638.5	567.0	542.1	549.4	564.1	592.4
-32.5°	488.1	511.2	537.5	569.6	598.6	630.7	663.1	610.9	557.4	536.4	540.7
-35°	465.7	488.1	509.9	530.7	551.7	575.2	601.2	631.2	657.9	633.6	598.6
-37.5°	436.2	461.8	483.2	499.7	516.2	531.4	552.2	572.7	594.4	623.9	645.4
-40°	388.4	428.2	452.5	473.7	487.3	498.7	513.1	527.3	550.2	576.5	599.7
-42.5°	333.2	372.8	412.3	438.1	457.7	470.6	479.8	488.9	518.1	543.7	564.6
-45°	283.5	317.6	349.7	384.4	414.9	430.8	443.4	460.8	488.6	515.1	536.7
-47.5°	244.7	269.4	297.2	323.3	344.7	368.7	390.5	418.5	445.5	472.6	495.7
-50°	213.1	231.8	253.6	271.9	287.7	303.2	317.1	344.3	374.9	403.9	431.9
-52.5°	188.2	203.3	218.2	229.4	240.5	250.1	259.8	282.8	305.3	326.6	353.2
-55°	167.3	179.1	190.3	196.5	202.3	207.4	216.4	234.2	251.1	267.0	294.4
-57.5°	148.2	157.9	166.0	169.2	171.7	173.5	182.7	196.7	209.9	223.5	249.8
-60°	128.1	138.5	143.9	145.4	146.4	146.8	157.2	169.2	180.3	193.9	218.4
-62.5°	106.3	115.8	120.3	122.2	123.3	123.5	136.6	148.8	159.9	176.6	202.8
-65°	85.9	93.2	96.2	97.9	98.5	101.6	117.7	132.1	145.1	171.9	213.2
-67.5°	69.9	73.1	74.7	75.7	76.7	83.5	102.2	119.5	135.4	169.8	224.0
-70°	55.3	56.8	58.0	59.0	59.8	67.8	85.4	103.8	122.7	141.8	162.0
-72.5°	41.5	42.8	43.8	44.7	45.3	52.0	64.1	77.3	91.3	99.8	106.0
-75°	28.7	30.3	31.3	32.0	32.5	37.0	43.7	50.7	58.0	61.8	64.6
-77.5°	18.0	19.3	20.2	20.8	21.2	24.2	28.0	31.9	36.0	38.2	39.9
-80°	10.1	10.9	11.5	12.0	12.3	13.7	15.3	17.1	18.9	19.5	20.0
-82.5°	5.5	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.3	7.4
-85°	3.1	3.2	3.3	3.4	3.4	3.5	3.6	3.6	3.7	3.7	3.7
-87.5°	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9
-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: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
85°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6
82.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.1
80°	20.3	20.6	19.8	18.9	19.8	20.6	20.3	20.0	19.5	18.9	17.1
77.5°	41.5	43.0	41.5	39.7	41.5	43.0	41.5	39.9	38.2	36.0	31.9
75°	67.1	69.3	68.0	66.2	68.0	69.3	67.1	64.6	61.8	58.0	50.7
72.5°	111.9	117.4	116.1	113.5	116.1	117.4	111.9	106.0	99.8	91.3	77.3
70°	183.2	204.8	203.9	198.6	203.9	204.8	183.2	162.0	141.8	122.7	103.8
67.5°	282.5	343.5	362.9	372.5	362.9	343.5	282.5	224.0	169.8	135.4	119.5
65°	251.7	288.5	303.1	313.9	303.1	288.5	251.7	213.2	171.9	145.1	132.1
62.5°	226.4	248.2	252.9	253.4	252.9	248.2	226.4	202.8	176.6	159.9	148.8
60°	242.2	265.4	268.9	264.7	268.9	265.4	242.2	218.4	193.9	180.3	169.2
57.5°	275.1	299.4	303.9	298.8	303.9	299.4	275.1	249.8	223.5	209.9	196.7
55°	320.6	345.1	353.3	351.7	353.3	345.1	320.6	294.4	267.0	251.1	234.2
52.5°	378.6	401.2	410.5	410.3	410.5	401.2	378.6	353.2	326.6	305.3	282.8
50°	456.2	476.5	486.5	487.9	486.5	476.5	456.2	431.9	403.9	374.9	344.3
47.5°	512.2	525.5	532.4	533.3	532.4	525.5	512.2	495.7	472.6	445.5	418.5
45°	546.4	553.5	558.9	563.5	558.9	553.5	546.4	536.7	515.1	488.6	460.8
42.5°	578.6	593.5	604.5	607.0	604.5	593.5	578.6	564.6	543.7	518.1	488.9
40°	621.8	642.3	662.1	682.6	662.1	642.3	621.8	599.7	576.5	550.2	527.3
37.5°	667.9	690.8	709.8	720.5	709.8	690.8	667.9	645.4	623.9	594.4	572.7
35°	574.0	559.0	550.0	546.5	550.0	559.0	574.0	598.6	633.6	657.9	631.2
32.5°	543.2	544.3	542.5	538.9	542.5	544.3	543.2	540.7	536.4	557.4	610.9
30°	613.4	623.3	624.6	624.0	624.6	623.3	613.4	592.4	564.1	549.4	542.1
27.5°	765.8	791.3	799.3	815.0	799.3	791.3	765.8	719.2	656.1	614.6	565.6
25°	966.7	1005.3	1023.8	1030.6	1023.8	1005.3	966.7	907.8	831.7	744.8	651.5
22.5°	1145.3	1174.7	1191.9	1206.4	1191.9	1174.7	1145.3	1100.9	1022.5	917.3	804.0
20°	1356.9	1410.7	1435.3	1437.1	1435.3	1410.7	1356.9	1265.2	1186.7	1092.7	966.2
17.5°	1687.3	1791.9	1844.1	1858.8	1844.1	1791.9	1687.3	1539.3	1400.9	1238.3	1119.0
15°	2208.5	2475.4	2612.7	2677.6	2612.7	2475.4	2208.5	1920.0	1684.4	1451.4	1235.9
12.5°	3058.8	3660.6	4147.2	4330.4	4147.2	3660.6	3058.8	2533.7	2022.4	1682.0	1396.9
10°	4743.5	6540.6	8640.0	9619.4	8640.0	6540.6	4743.5	3346.8	2541.6	1916.5	1540.2
7.5°	9176.8	21306.8	41296.1	50831.5	41296.1	21306.8	9176.8	4790.3	3075.8	2218.3	1693.8
5°	19560.6	84417.2	151180.6	177574.6	151180.6	84417.2	19560.6	6665.5	3735.8	2514.0	1805.4
2.5°	31155.7	138455.3	261242.8	305469.3	261242.8	138455.3	31155.7	8764.7	4348.9	2700.7	1885.7
0°	37224.9	145906.3	288275.5	332404.4	288275.5	145906.3	37224.9	9046.5	4575.3	2757.1	1909.9
-2.5°	31155.7	138455.3	261242.8	305469.3	261242.8	138455.3	31155.7	8764.7	4348.9	2700.7	1885.7
-5°	19560.6	84417.2	151180.6	177574.6	151180.6	84417.2	19560.6	6665.5	3735.8	2514.0	1805.4
-7.5°	9176.8	21306.8	41296.1	50831.5	41296.1	21306.8	9176.8	4790.3	3075.8	2218.3	1693.8
-10°	4743.5	6540.6	8640.0	9619.4	8640.0	6540.6	4743.5	3346.8	2541.6	1916.5	1540.2
-12.5°	3058.8	3660.6	4147.2	4330.4	4147.2	3660.6	3058.8	2533.7	2022.4	1682.0	1396.9
-15°	2208.5	2475.4	2612.7	2677.6	2612.7	2475.4	2208.5	1920.0	1684.4	1451.4	1235.9
-17.5°	1687.3	1791.9	1844.1	1858.8	1844.1	1791.9	1687.3	1539.3	1400.9	1238.3	1119.0
-20°	1356.9	1410.7	1435.3	1437.1	1435.3	1410.7	1356.9	1265.2	1186.7	1092.7	966.2



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1145.3	1174.7	1191.9	1206.4	1191.9	1174.7	1145.3	1100.9	1022.5	917.3	804.0
-25°	966.7	1005.3	1023.8	1030.6	1023.8	1005.3	966.7	907.8	831.7	744.8	651.5
-27.5°	765.8	791.3	799.3	815.0	799.3	791.3	765.8	719.2	656.1	614.6	565.6
-30°	613.4	623.3	624.6	624.0	624.6	623.3	613.4	592.4	564.1	549.4	542.1
-32.5°	543.2	544.3	542.5	538.9	542.5	544.3	543.2	540.7	536.4	557.4	610.9
-35°	574.0	559.0	550.0	546.5	550.0	559.0	574.0	598.6	633.6	657.9	631.2
-37.5°	667.9	690.8	709.8	720.5	709.8	690.8	667.9	645.4	623.9	594.4	572.7
-40°	621.8	642.3	662.1	682.6	662.1	642.3	621.8	599.7	576.5	550.2	527.3
-42.5°	578.6	593.5	604.5	607.0	604.5	593.5	578.6	564.6	543.7	518.1	488.9
-45°	546.4	553.5	558.9	563.5	558.9	553.5	546.4	536.7	515.1	488.6	460.8
-47.5°	512.2	525.5	532.4	533.3	532.4	525.5	512.2	495.7	472.6	445.5	418.5
-50°	456.2	476.5	486.5	487.9	486.5	476.5	456.2	431.9	403.9	374.9	344.3
-52.5°	378.6	401.2	410.5	410.3	410.5	401.2	378.6	353.2	326.6	305.3	282.8
-55°	320.6	345.1	353.3	351.7	353.3	345.1	320.6	294.4	267.0	251.1	234.2
-57.5°	275.1	299.4	303.9	298.8	303.9	299.4	275.1	249.8	223.5	209.9	196.7
-60°	242.2	265.4	268.9	264.7	268.9	265.4	242.2	218.4	193.9	180.3	169.2
-62.5°	226.4	248.2	252.9	253.4	252.9	248.2	226.4	202.8	176.6	159.9	148.8
-65°	251.7	288.5	303.1	313.9	303.1	288.5	251.7	213.2	171.9	145.1	132.1
-67.5°	282.5	343.5	362.9	372.5	362.9	343.5	282.5	224.0	169.8	135.4	119.5
-70°	183.2	204.8	203.9	198.6	203.9	204.8	183.2	162.0	141.8	122.7	103.8
-72.5°	111.9	117.4	116.1	113.5	116.1	117.4	111.9	106.0	99.8	91.3	77.3
-75°	67.1	69.3	68.0	66.2	68.0	69.3	67.1	64.6	61.8	58.0	50.7
-77.5°	41.5	43.0	41.5	39.7	41.5	43.0	41.5	39.9	38.2	36.0	31.9
-80°	20.3	20.6	19.8	18.9	19.8	20.6	20.3	20.0	19.5	18.9	17.1
-82.5°	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.3	7.2	7.1
-85°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6
-87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8
-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: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-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°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
85°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
82.5°	6.9	6.7	6.5	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.2
80°	15.3	13.7	12.3	12.0	11.5	10.9	10.1	9.1	8.1	7.4	6.9
77.5°	28.0	24.2	21.2	20.8	20.2	19.3	18.0	16.0	14.4	12.9	11.6
75°	43.7	37.0	32.5	32.0	31.3	30.3	28.7	26.2	23.5	20.7	18.2
72.5°	64.1	52.0	45.3	44.7	43.8	42.8	41.5	39.3	36.0	31.5	27.5
70°	85.4	67.8	59.8	59.0	58.0	56.8	55.3	53.6	51.8	48.6	42.4
67.5°	102.2	83.5	76.7	75.7	74.7	73.1	69.9	67.2	64.8	62.2	55.9
65°	117.7	101.6	98.5	97.9	96.2	93.2	85.9	80.4	76.6	73.2	66.6
62.5°	136.6	123.5	123.3	122.2	120.3	115.8	106.3	97.5	89.5	82.7	77.0
60°	157.2	146.8	146.4	145.4	143.9	138.5	128.1	116.9	104.9	97.2	89.5
57.5°	182.7	173.5	171.7	169.2	166.0	157.9	148.2	138.1	126.0	114.9	104.3
55°	216.4	207.4	202.3	196.5	190.3	179.1	167.3	155.6	144.9	135.1	122.8
52.5°	259.8	250.1	240.5	229.4	218.2	203.3	188.2	175.0	162.8	152.0	140.7
50°	317.1	303.2	287.7	271.9	253.6	231.8	213.1	196.2	182.5	169.7	156.8
47.5°	390.5	368.7	344.7	323.3	297.2	269.4	244.7	220.8	205.1	188.1	173.8
45°	443.4	430.8	414.9	384.4	349.7	317.6	283.5	256.2	231.0	210.9	190.9
42.5°	479.8	470.6	457.7	438.1	412.3	372.8	333.2	297.2	264.5	236.5	211.1
40°	513.1	498.7	487.3	473.7	452.5	428.2	388.4	343.1	303.6	267.3	231.5
37.5°	552.2	531.4	516.2	499.7	483.2	461.8	436.2	395.7	345.4	299.6	256.4
35°	601.2	575.2	551.7	530.7	509.9	488.1	465.7	438.8	392.8	335.0	283.2
32.5°	663.1	630.7	598.6	569.6	537.5	511.2	488.1	464.4	433.6	374.9	315.1
30°	567.0	638.5	652.9	612.6	570.7	534.4	507.7	484.0	455.4	415.4	347.4
27.5°	551.1	546.9	626.0	657.7	606.1	562.0	528.7	501.3	475.6	440.5	384.3
25°	596.2	559.5	552.1	624.5	648.4	593.8	553.5	520.7	491.0	461.3	427.9
22.5°	684.2	609.9	562.0	552.2	641.9	634.6	583.3	541.1	508.9	490.0	458.2
20°	828.7	690.6	605.0	562.9	581.9	672.9	613.7	568.9	539.2	516.5	486.2
17.5°	973.3	817.9	670.1	585.0	564.8	629.2	650.1	602.4	565.6	543.7	514.1
15°	1105.0	936.1	769.8	641.7	575.1	587.1	681.9	633.3	590.4	568.8	537.0
12.5°	1189.7	1040.4	860.6	692.3	593.7	572.2	663.7	660.9	616.5	583.5	551.8
10°	1268.6	1113.5	938.4	762.2	633.1	580.6	636.6	683.6	637.4	595.4	563.7
7.5°	1364.4	1157.6	996.2	815.9	659.2	584.2	615.7	704.3	656.4	607.3	572.9
5°	1423.5	1188.1	1030.5	846.9	671.2	584.1	599.8	722.6	673.4	618.9	579.9
2.5°	1460.2	1205.0	1047.2	863.6	674.5	581.0	592.8	739.5	690.1	625.5	581.8
0°	1465.5	1202.7	1057.1	869.9	673.2	574.9	597.6	754.5	705.3	629.7	582.4
-2.5°	1460.2	1205.0	1047.2	863.6	674.5	581.0	592.8	739.5	690.1	625.5	581.8
-5°	1423.5	1188.1	1030.5	846.9	671.2	584.1	599.8	722.6	673.4	618.9	579.9
-7.5°	1364.4	1157.6	996.2	815.9	659.2	584.2	615.7	704.3	656.4	607.3	572.9
-10°	1268.6	1113.5	938.4	762.2	633.1	580.6	636.6	683.6	637.4	595.4	563.7
-12.5°	1189.7	1040.4	860.6	692.3	593.7	572.2	663.7	660.9	616.5	583.5	551.8
-15°	1105.0	936.1	769.8	641.7	575.1	587.1	681.9	633.3	590.4	568.8	537.0
-17.5°	973.3	817.9	670.1	585.0	564.8	629.2	650.1	602.4	565.6	543.7	514.1
-20°	828.7	690.6	605.0	562.9	581.9	672.9	613.7	568.9	539.2	516.5	486.2



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	684.2	609.9	562.0	552.2	641.9	634.6	583.3	541.1	508.9	490.0	458.2
-25°	596.2	559.5	552.1	624.5	648.4	593.8	553.5	520.7	491.0	461.3	427.9
-27.5°	551.1	546.9	626.0	657.7	606.1	562.0	528.7	501.3	475.6	440.5	384.3
-30°	567.0	638.5	652.9	612.6	570.7	534.4	507.7	484.0	455.4	415.4	347.4
-32.5°	663.1	630.7	598.6	569.6	537.5	511.2	488.1	464.4	433.6	374.9	315.1
-35°	601.2	575.2	551.7	530.7	509.9	488.1	465.7	438.8	392.8	335.0	283.2
-37.5°	552.2	531.4	516.2	499.7	483.2	461.8	436.2	395.7	345.4	299.6	256.4
-40°	513.1	498.7	487.3	473.7	452.5	428.2	388.4	343.1	303.6	267.3	231.5
-42.5°	479.8	470.6	457.7	438.1	412.3	372.8	333.2	297.2	264.5	236.5	211.1
-45°	443.4	430.8	414.9	384.4	349.7	317.6	283.5	256.2	231.0	210.9	190.9
-47.5°	390.5	368.7	344.7	323.3	297.2	269.4	244.7	220.8	205.1	188.1	173.8
-50°	317.1	303.2	287.7	271.9	253.6	231.8	213.1	196.2	182.5	169.7	156.8
-52.5°	259.8	250.1	240.5	229.4	218.2	203.3	188.2	175.0	162.8	152.0	140.7
-55°	216.4	207.4	202.3	196.5	190.3	179.1	167.3	155.6	144.9	135.1	122.8
-57.5°	182.7	173.5	171.7	169.2	166.0	157.9	148.2	138.1	126.0	114.9	104.3
-60°	157.2	146.8	146.4	145.4	143.9	138.5	128.1	116.9	104.9	97.2	89.5
-62.5°	136.6	123.5	123.3	122.2	120.3	115.8	106.3	97.5	89.5	82.7	77.0
-65°	117.7	101.6	98.5	97.9	96.2	93.2	85.9	80.4	76.6	73.2	66.6
-67.5°	102.2	83.5	76.7	75.7	74.7	73.1	69.9	67.2	64.8	62.2	55.9
-70°	85.4	67.8	59.8	59.0	58.0	56.8	55.3	53.6	51.8	48.6	42.4
-72.5°	64.1	52.0	45.3	44.7	43.8	42.8	41.5	39.3	36.0	31.5	27.5
-75°	43.7	37.0	32.5	32.0	31.3	30.3	28.7	26.2	23.5	20.7	18.2
-77.5°	28.0	24.2	21.2	20.8	20.2	19.3	18.0	16.0	14.4	12.9	11.6
-80°	15.3	13.7	12.3	12.0	11.5	10.9	10.1	9.1	8.1	7.4	6.9
-82.5°	6.9	6.7	6.5	6.3	6.1	5.8	5.5	5.2	4.9	4.6	4.2
-85°	3.6	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-87.5°	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.4	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559049 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.2	1.2	1.1	1.3	1.4	1.5	1.6	1.5	1.3	1.1
85°	2.6	2.4	2.3	2.2	2.5	2.9	3.1	3.2	2.9	2.6	2.3
82.5°	3.9	3.7	3.5	3.3	3.3	3.3	3.5	3.8	3.8	3.8	3.4
80°	6.4	5.9	5.4	4.9	4.3	3.8	3.7	3.8	3.8	3.8	3.8
77.5°	10.5	9.3	7.9	7.0	6.4	5.6	4.9	4.2	3.8	3.8	3.8
75°	16.1	14.8	13.3	11.4	9.3	7.5	6.6	5.8	5.0	4.0	3.8
72.5°	25.0	22.4	19.7	16.5	13.9	11.4	9.1	7.5	6.7	5.6	4.2
70°	36.3	31.1	27.6	23.5	19.2	15.3	12.5	10.4	8.4	7.2	5.8
67.5°	49.2	42.1	36.2	30.6	25.4	20.6	16.1	13.6	11.4	8.9	7.3
65°	59.1	51.8	44.7	38.2	31.9	26.1	20.9	17.3	14.5	11.7	8.9
62.5°	69.5	60.6	53.0	45.8	38.7	31.9	25.8	22.2	17.9	14.6	11.2
60°	81.2	72.3	61.6	53.3	45.4	37.8	31.7	27.3	22.6	17.4	13.7
57.5°	95.3	85.2	73.0	61.6	52.3	43.8	37.9	33.0	27.4	21.5	16.3
55°	110.5	98.7	84.2	71.1	59.6	49.9	44.6	39.1	32.4	25.9	19.1
52.5°	127.8	112.0	95.8	80.6	67.4	57.2	52.4	45.3	38.2	30.3	23.4
50°	144.0	126.1	107.6	90.7	74.9	66.7	60.5	52.9	44.2	35.1	27.9
47.5°	157.4	138.9	120.0	100.8	83.7	76.8	69.9	60.9	50.2	40.5	32.6
45°	171.0	150.5	131.3	111.6	95.7	88.3	80.3	69.2	57.7	46.9	37.5
42.5°	184.6	162.6	141.4	121.6	109.3	99.9	91.1	78.9	65.4	53.7	43.0
40°	201.8	175.0	151.3	133.8	122.7	111.4	101.7	89.3	73.4	61.2	49.1
37.5°	218.6	189.0	162.4	146.9	135.4	123.3	112.0	100.0	83.6	69.6	55.3
35°	240.3	203.8	177.9	160.6	147.0	134.6	122.2	110.3	95.3	78.2	61.6
32.5°	261.1	222.3	195.8	174.4	158.0	145.5	132.1	123.3	107.5	86.8	68.0
30°	289.2	246.9	213.2	187.5	169.0	155.2	144.5	137.9	120.0	95.5	74.7
27.5°	323.8	271.2	231.1	202.1	180.4	164.9	161.1	154.1	133.0	105.0	81.9
25°	359.0	299.9	252.7	216.8	191.1	181.4	177.4	171.5	146.4	115.6	88.9
22.5°	397.8	329.2	273.5	230.7	209.5	197.2	193.0	186.2	160.6	126.2	95.9
20°	435.5	356.9	294.9	253.9	229.3	214.1	207.6	200.7	175.3	136.7	102.6
17.5°	469.7	388.0	324.9	279.2	249.3	230.7	221.8	215.0	190.5	147.1	109.2
15°	492.6	421.3	352.9	302.8	268.6	246.9	235.4	229.0	205.9	157.2	113.9
12.5°	512.0	450.4	378.2	324.9	287.0	262.6	248.6	242.7	221.2	163.8	116.3
10°	528.2	475.4	400.7	345.2	304.6	277.9	261.5	252.3	227.1	167.1	118.5
7.5°	541.5	496.6	420.8	364.0	318.9	285.6	263.4	254.0	230.6	169.6	120.3
5°	550.9	509.1	430.3	368.9	320.0	285.0	263.4	255.5	233.0	171.2	121.7
2.5°	552.3	510.4	432.7	370.5	320.3	283.7	263.2	256.5	234.3	172.1	122.6
0°	552.2	508.7	433.0	370.6	319.6	281.8	262.8	257.2	234.5	172.1	122.9
-2.5°	552.3	510.4	432.7	370.5	320.3	283.7	263.2	256.5	234.3	172.1	122.6
-5°	550.9	509.1	430.3	368.9	320.0	285.0	263.4	255.5	233.0	171.2	121.7
-7.5°	541.5	496.6	420.8	364.0	318.9	285.6	263.4	254.0	230.6	169.6	120.3
-10°	528.2	475.4	400.7	345.2	304.6	277.9	261.5	252.3	227.1	167.1	118.5
-12.5°	512.0	450.4	378.2	324.9	287.0	262.6	248.6	242.7	221.2	163.8	116.3
-15°	492.6	421.3	352.9	302.8	268.6	246.9	235.4	229.0	205.9	157.2	113.9
-17.5°	469.7	388.0	324.9	279.2	249.3	230.7	221.8	215.0	190.5	147.1	109.2
-20°	435.5	356.9	294.9	253.9	229.3	214.1	207.6	200.7	175.3	136.7	102.6



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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°	397.8	329.2	273.5	230.7	209.5	197.2	193.0	186.2	160.6	126.2	95.9
-25°	359.0	299.9	252.7	216.8	191.1	181.4	177.4	171.5	146.4	115.6	88.9
-27.5°	323.8	271.2	231.1	202.1	180.4	164.9	161.1	154.1	133.0	105.0	81.9
-30°	289.2	246.9	213.2	187.5	169.0	155.2	144.5	137.9	120.0	95.5	74.7
-32.5°	261.1	222.3	195.8	174.4	158.0	145.5	132.1	123.3	107.5	86.8	68.0
-35°	240.3	203.8	177.9	160.6	147.0	134.6	122.2	110.3	95.3	78.2	61.6
-37.5°	218.6	189.0	162.4	146.9	135.4	123.3	112.0	100.0	83.6	69.6	55.3
-40°	201.8	175.0	151.3	133.8	122.7	111.4	101.7	89.3	73.4	61.2	49.1
-42.5°	184.6	162.6	141.4	121.6	109.3	99.9	91.1	78.9	65.4	53.7	43.0
-45°	171.0	150.5	131.3	111.6	95.7	88.3	80.3	69.2	57.7	46.9	37.5
-47.5°	157.4	138.9	120.0	100.8	83.7	76.8	69.9	60.9	50.2	40.5	32.6
-50°	144.0	126.1	107.6	90.7	74.9	66.7	60.5	52.9	44.2	35.1	27.9
-52.5°	127.8	112.0	95.8	80.6	67.4	57.2	52.4	45.3	38.2	30.3	23.4
-55°	110.5	98.7	84.2	71.1	59.6	49.9	44.6	39.1	32.4	25.9	19.1
-57.5°	95.3	85.2	73.0	61.6	52.3	43.8	37.9	33.0	27.4	21.5	16.3
-60°	81.2	72.3	61.6	53.3	45.4	37.8	31.7	27.3	22.6	17.4	13.7
-62.5°	69.5	60.6	53.0	45.8	38.7	31.9	25.8	22.2	17.9	14.6	11.2
-65°	59.1	51.8	44.7	38.2	31.9	26.1	20.9	17.3	14.5	11.7	8.9
-67.5°	49.2	42.1	36.2	30.6	25.4	20.6	16.1	13.6	11.4	8.9	7.3
-70°	36.3	31.1	27.6	23.5	19.2	15.3	12.5	10.4	8.4	7.2	5.8
-72.5°	25.0	22.4	19.7	16.5	13.9	11.4	9.1	7.5	6.7	5.6	4.2
-75°	16.1	14.8	13.3	11.4	9.3	7.5	6.6	5.8	5.0	4.0	3.8
-77.5°	10.5	9.3	7.9	7.0	6.4	5.6	4.9	4.2	3.8	3.8	3.8
-80°	6.4	5.9	5.4	4.9	4.3	3.8	3.7	3.8	3.8	3.8	3.8
-82.5°	3.9	3.7	3.5	3.3	3.3	3.3	3.5	3.8	3.8	3.8	3.4
-85°	2.6	2.4	2.3	2.2	2.5	2.9	3.1	3.2	2.9	2.6	2.3
-87.5°	1.3	1.2	1.2	1.1	1.3	1.4	1.5	1.6	1.5	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
80°	3.8	3.3	2.6	2.0	1.3	0.7	0.0
77.5°	3.8	3.8	3.3	2.5	1.6	0.8	0.0
75°	3.8	3.8	3.8	2.9	2.0	1.0	0.0
72.5°	3.8	3.8	3.8	3.4	2.3	1.1	0.0
70°	4.0	3.8	3.8	3.8	2.6	1.3	0.0
67.5°	5.4	3.8	3.8	3.8	2.9	1.5	0.0
65°	6.8	4.4	3.8	3.8	3.2	1.6	0.0
62.5°	8.3	5.7	3.8	3.8	3.5	1.8	0.0
60°	9.7	6.9	3.8	3.8	3.8	1.9	0.0
57.5°	12.1	8.2	4.8	3.8	3.8	2.0	0.0
55°	14.7	9.4	5.8	3.8	3.9	2.2	0.0
52.5°	17.4	10.8	6.8	3.8	3.9	2.3	0.0
50°	20.1	13.2	7.8	3.8	3.9	2.4	0.0
47.5°	23.1	15.5	8.7	4.0	4.0	2.6	0.0
45°	27.3	17.9	9.6	4.7	4.0	2.7	0.0
42.5°	31.6	20.4	10.6	5.4	4.1	2.8	0.0
40°	35.9	22.8	12.0	6.0	4.2	2.9	0.0
37.5°	40.3	25.2	13.8	6.7	4.2	3.0	0.0
35°	44.7	28.3	15.6	7.2	4.3	3.1	0.0
32.5°	49.4	31.7	17.4	7.8	4.4	3.2	0.0
30°	54.5	35.1	19.1	8.2	4.5	3.3	0.0
27.5°	59.6	38.5	20.3	8.6	4.6	3.4	0.0
25°	64.7	41.7	21.1	8.9	4.7	3.4	0.0
22.5°	69.6	44.3	21.8	9.2	4.8	3.5	0.0
20°	74.4	45.2	22.3	9.4	4.9	3.6	0.0
17.5°	76.9	45.8	22.6	9.6	5.0	3.6	0.0
15°	77.8	46.0	22.8	9.7	5.1	3.7	0.0
12.5°	78.4	46.0	22.8	9.7	5.2	3.7	0.0
10°	78.6	45.6	22.6	9.8	5.3	3.7	0.0
7.5°	78.4	45.0	22.4	9.7	5.4	3.8	0.0
5°	77.9	44.1	21.9	9.7	5.5	3.8	0.0
2.5°	76.9	43.0	21.4	9.6	5.6	3.8	0.0
0°	75.6	41.6	20.8	9.5	5.7	3.8	0.0
-2.5°	76.9	43.0	21.4	9.6	5.6	3.8	0.0
-5°	77.9	44.1	21.9	9.7	5.5	3.8	0.0
-7.5°	78.4	45.0	22.4	9.7	5.4	3.8	0.0
-10°	78.6	45.6	22.6	9.8	5.3	3.7	0.0
-12.5°	78.4	46.0	22.8	9.7	5.2	3.7	0.0
-15°	77.8	46.0	22.8	9.7	5.1	3.7	0.0
-17.5°	76.9	45.8	22.6	9.6	5.0	3.6	0.0
-20°	74.4	45.2	22.3	9.4	4.9	3.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.6	44.3	21.8	9.2	4.8	3.5	0.0
-25°	64.7	41.7	21.1	8.9	4.7	3.4	0.0
-27.5°	59.6	38.5	20.3	8.6	4.6	3.4	0.0
-30°	54.5	35.1	19.1	8.2	4.5	3.3	0.0
-32.5°	49.4	31.7	17.4	7.8	4.4	3.2	0.0
-35°	44.7	28.3	15.6	7.2	4.3	3.1	0.0
-37.5°	40.3	25.2	13.8	6.7	4.2	3.0	0.0
-40°	35.9	22.8	12.0	6.0	4.2	2.9	0.0
-42.5°	31.6	20.4	10.6	5.4	4.1	2.8	0.0
-45°	27.3	17.9	9.6	4.7	4.0	2.7	0.0
-47.5°	23.1	15.5	8.7	4.0	4.0	2.6	0.0
-50°	20.1	13.2	7.8	3.8	3.9	2.4	0.0
-52.5°	17.4	10.8	6.8	3.8	3.9	2.3	0.0
-55°	14.7	9.4	5.8	3.8	3.9	2.2	0.0
-57.5°	12.1	8.2	4.8	3.8	3.8	2.0	0.0
-60°	9.7	6.9	3.8	3.8	3.8	1.9	0.0
-62.5°	8.3	5.7	3.8	3.8	3.5	1.8	0.0
-65°	6.8	4.4	3.8	3.8	3.2	1.6	0.0
-67.5°	5.4	3.8	3.8	3.8	2.9	1.5	0.0
-70°	4.0	3.8	3.8	3.8	2.6	1.3	0.0
-72.5°	3.8	3.8	3.8	3.4	2.3	1.1	0.0
-75°	3.8	3.8	3.8	2.9	2.0	1.0	0.0
-77.5°	3.8	3.8	3.3	2.5	1.6	0.8	0.0
-80°	3.8	3.3	2.6	2.0	1.3	0.7	0.0
-82.5°	2.9	2.5	2.0	1.5	1.0	0.5	0.0
-85°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-87.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)