

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: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558953 (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-SA4D-930-U-TSB-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

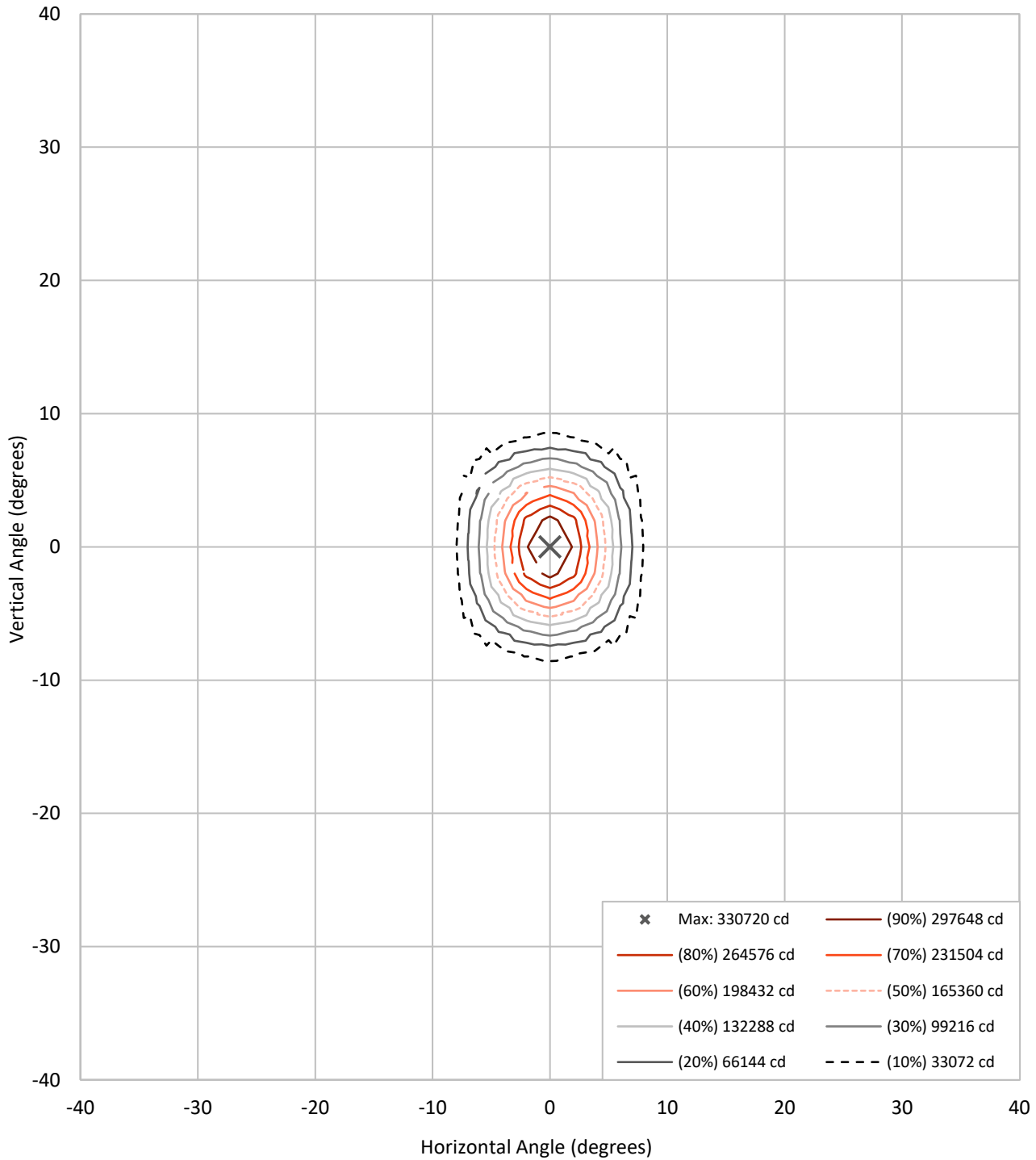
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	12878.9 lumens	Max Intensity:	330720 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5520.2 lumens	Field Lumens:	9513.9 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 217
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





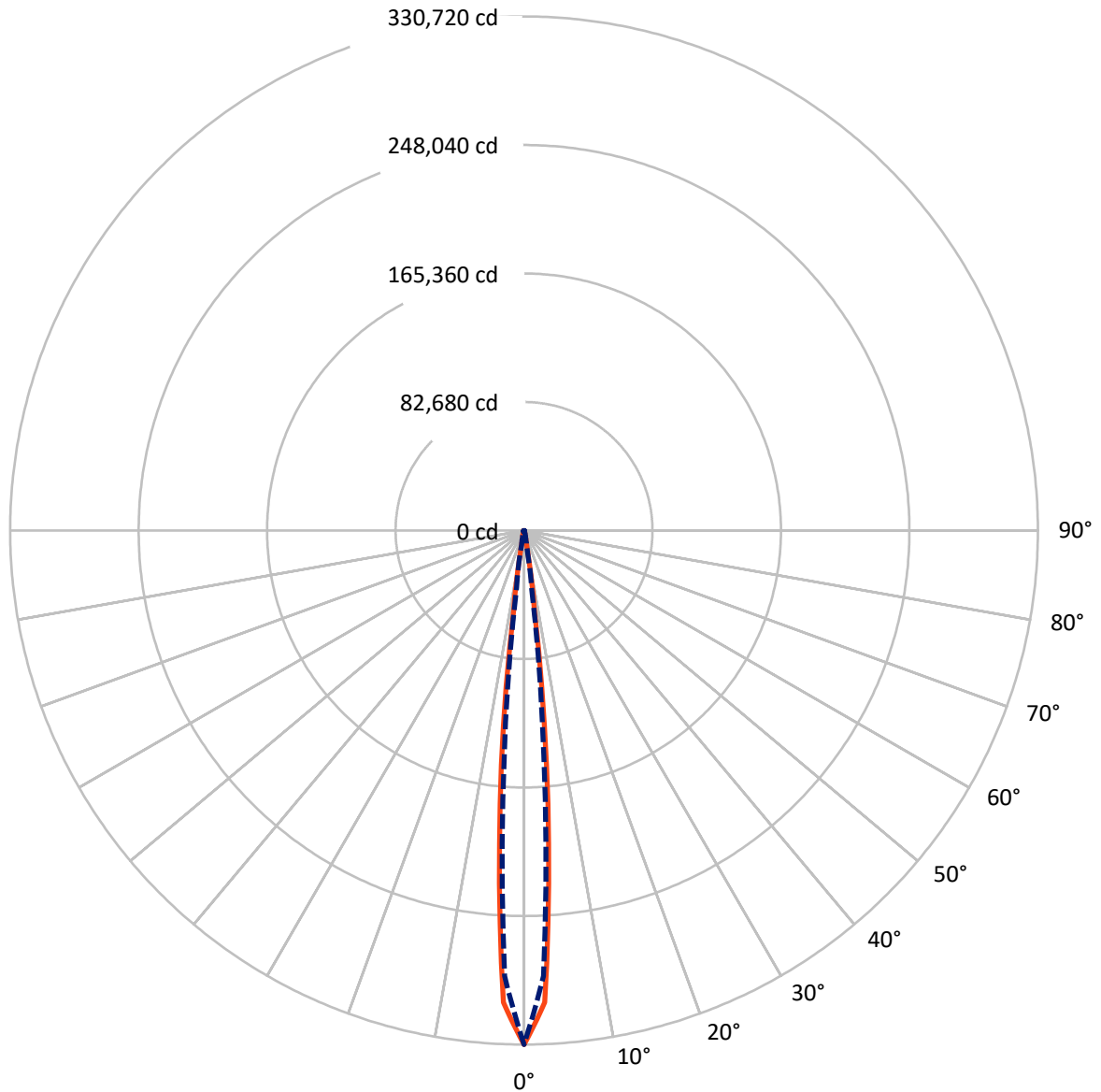
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Lumen Table

90	0.1	0.4		1.3		3.1		5.3		3.1		1.3		0.4		0.1			
80	0.1	0.4		1.3		3.1		5.3		3.1		1.3		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	4.1	7.3	10.9	14.0	16.7	16.7	14.0	10.9	7.3	4.1	2.0	0.9	0.7			
40		1.4	2.9	6.3	11.3	15.2	17.3	18.3	18.3	17.3	15.2	11.3	6.3	2.9	1.4				
30	1.3	2.1	4.0	8.9	13.9	16.6	22.6	29.7	29.7	22.6	16.6	13.9	8.9	4.0	2.1	1.3			
20		2.8	5.5	11.2	15.4	21.8	44.3	88.4	88.4	44.3	21.8	15.4	11.2	5.5	2.8				
10	1.5	3.2	6.6	12.5	16.0	28.0	87.5	2587.6	2587.6	87.5	28.0	16.0	12.5	6.6	3.2	1.5			
0		3.2	6.6	12.5	16.0	28.0	87.5	2587.6	2587.6	87.5	28.0	16.0	12.5	6.6	3.2				
-10	1.3	2.8	5.5	11.2	15.4	21.8	44.3	88.4	88.4	44.3	21.8	15.4	11.2	5.5	2.8	1.3			
-20		2.1	4.0	8.9	13.9	16.6	22.6	29.7	29.7	22.6	16.6	13.9	8.9	4.0	2.1				
-30	0.7	1.4	2.9	6.3	11.3	15.2	17.3	18.3	18.3	17.3	15.2	11.3	6.3	2.9	1.4	0.7			
-40		0.9	2.0	4.1	7.3	10.9	14.0	16.7	16.7	14.0	10.9	7.3	4.1	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		1.3		3.1		5.3		3.1		1.3		0.4		0.1			
-80		0.4		1.3		3.1		5.3		3.1		1.3		0.4					
-90	0.1	0.4		1.3		3.1		5.3		3.1		1.3		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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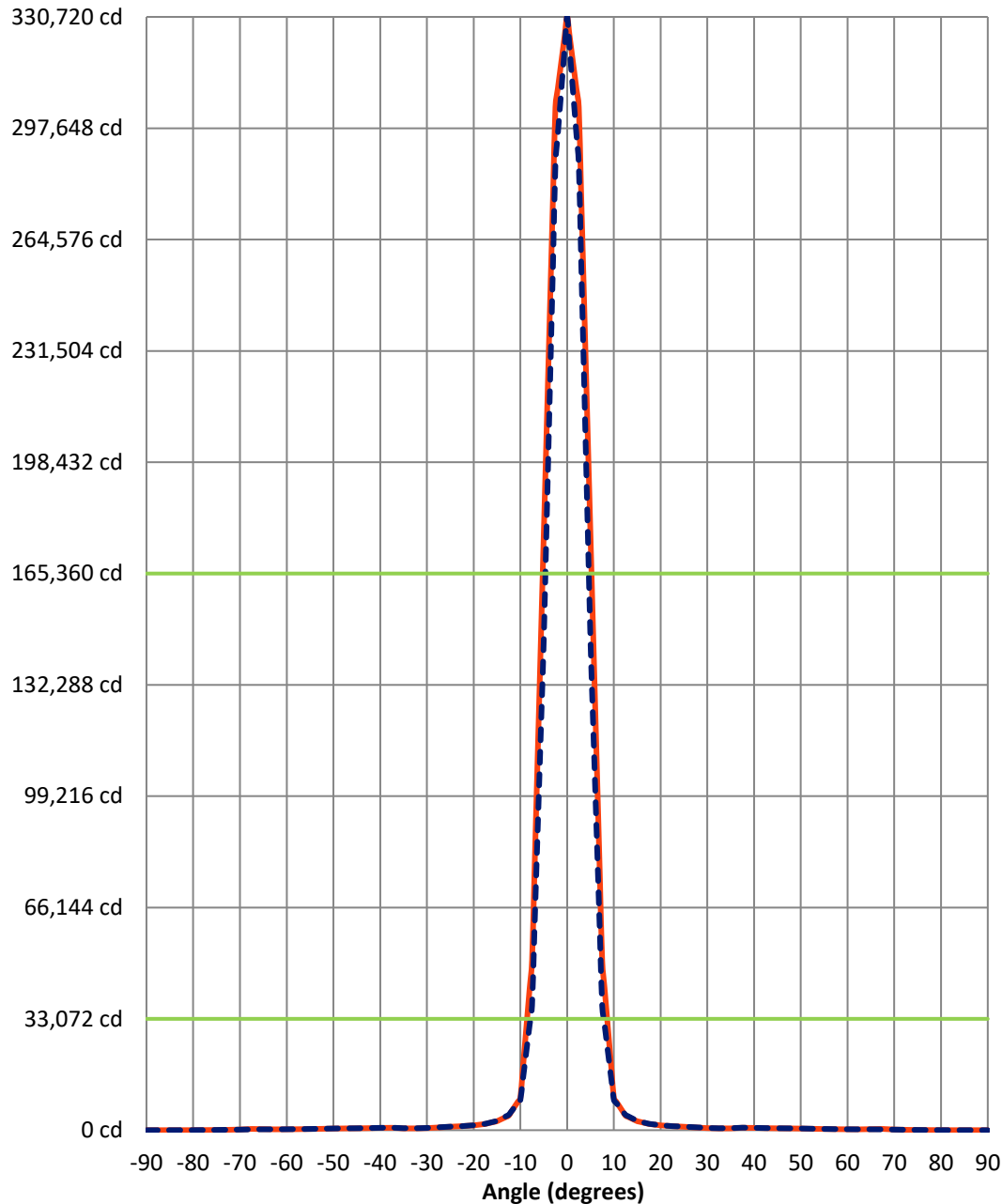
Luminous Intensity Polar Plot



— 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: 5520.2
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 9513.9
 Efficiency: 73.9%

Spill:
 Lumens: 3365.1
 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	3.9	5.0	5.8
72.5°	0.0	1.1	2.3	3.4	3.8	3.8	3.8	4.2	5.5	6.6	7.4
70°	0.0	1.3	2.6	3.8	3.8	3.8	4.0	5.7	7.1	8.3	10.3
67.5°	0.0	1.5	2.9	3.8	3.8	3.8	5.4	7.3	8.8	11.3	13.5
65°	0.0	1.6	3.2	3.8	3.8	4.4	6.8	8.8	11.6	14.4	17.3
62.5°	0.0	1.8	3.5	3.8	3.8	5.7	8.2	11.1	14.5	17.8	22.1
60°	0.0	1.9	3.8	3.8	3.8	6.9	9.6	13.6	17.3	22.5	27.1
57.5°	0.0	2.0	3.8	3.8	4.8	8.1	12.0	16.2	21.4	27.3	32.8
55°	0.0	2.2	3.8	3.8	5.8	9.3	14.6	19.0	25.8	32.3	38.9
52.5°	0.0	2.3	3.9	3.8	6.8	10.7	17.3	23.2	30.2	38.1	45.1
50°	0.0	2.4	3.9	3.8	7.7	13.1	20.0	27.8	34.9	44.0	52.7
47.5°	0.0	2.6	4.0	4.0	8.7	15.5	22.9	32.5	40.3	50.0	60.6
45°	0.0	2.7	4.0	4.7	9.6	17.8	27.2	37.3	46.8	57.4	68.8
42.5°	0.0	2.8	4.1	5.4	10.5	20.2	31.4	42.9	53.5	65.1	78.5
40°	0.0	2.9	4.1	6.0	11.9	22.6	35.8	48.9	60.9	73.1	88.8
37.5°	0.0	3.0	4.2	6.7	13.8	25.0	40.2	55.1	69.3	83.1	99.4
35°	0.0	3.1	4.3	7.2	15.6	28.1	44.6	61.3	77.8	94.8	109.7
32.5°	0.0	3.2	4.4	7.7	17.3	31.6	49.2	67.7	86.4	106.9	122.6
30°	0.0	3.3	4.5	8.2	19.0	35.0	54.3	74.3	95.1	119.4	137.2
27.5°	0.0	3.4	4.5	8.6	20.2	38.3	59.4	81.4	104.4	132.3	153.3
25°	0.0	3.4	4.6	8.9	21.0	41.5	64.4	88.5	115.0	145.6	170.6
22.5°	0.0	3.5	4.7	9.1	21.7	44.1	69.3	95.4	125.5	159.7	185.3
20°	0.0	3.6	4.8	9.3	22.2	45.0	74.0	102.1	136.0	174.4	199.7
17.5°	0.0	3.6	4.9	9.5	22.5	45.6	76.5	108.6	146.3	189.5	213.9
15°	0.0	3.7	5.0	9.6	22.7	45.8	77.4	113.3	156.4	204.8	227.8
12.5°	0.0	3.7	5.1	9.7	22.7	45.8	78.0	115.8	162.9	220.1	241.4
10°	0.0	3.7	5.2	9.7	22.5	45.4	78.2	117.9	166.2	225.9	251.0
7.5°	0.0	3.8	5.3	9.7	22.2	44.8	78.0	119.7	168.7	229.4	252.8
5°	0.0	3.8	5.4	9.6	21.8	43.9	77.5	121.1	170.3	231.8	254.2
2.5°	0.0	3.8	5.5	9.5	21.3	42.8	76.6	122.0	171.2	233.1	255.2
0°	0.0	3.8	5.6	9.4	20.7	41.4	75.3	122.3	171.2	233.3	255.9
-2.5°	0.0	3.8	5.5	9.5	21.3	42.8	76.6	122.0	171.2	233.1	255.2
-5°	0.0	3.8	5.4	9.6	21.8	43.9	77.5	121.1	170.3	231.8	254.2
-7.5°	0.0	3.8	5.3	9.7	22.2	44.8	78.0	119.7	168.7	229.4	252.8
-10°	0.0	3.7	5.2	9.7	22.5	45.4	78.2	117.9	166.2	225.9	251.0
-12.5°	0.0	3.7	5.1	9.7	22.7	45.8	78.0	115.8	162.9	220.1	241.4
-15°	0.0	3.7	5.0	9.6	22.7	45.8	77.4	113.3	156.4	204.8	227.8
-17.5°	0.0	3.6	4.9	9.5	22.5	45.6	76.5	108.6	146.3	189.5	213.9
-20°	0.0	3.6	4.8	9.3	22.2	45.0	74.0	102.1	136.0	174.4	199.7



REPORT NUMBER: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	4.7	9.1	21.7	44.1	69.3	95.4	125.5	159.7	185.3
-25°	0.0	3.4	4.6	8.9	21.0	41.5	64.4	88.5	115.0	145.6	170.6
-27.5°	0.0	3.4	4.5	8.6	20.2	38.3	59.4	81.4	104.4	132.3	153.3
-30°	0.0	3.3	4.5	8.2	19.0	35.0	54.3	74.3	95.1	119.4	137.2
-32.5°	0.0	3.2	4.4	7.7	17.3	31.6	49.2	67.7	86.4	106.9	122.6
-35°	0.0	3.1	4.3	7.2	15.6	28.1	44.6	61.3	77.8	94.8	109.7
-37.5°	0.0	3.0	4.2	6.7	13.8	25.0	40.2	55.1	69.3	83.1	99.4
-40°	0.0	2.9	4.1	6.0	11.9	22.6	35.8	48.9	60.9	73.1	88.8
-42.5°	0.0	2.8	4.1	5.4	10.5	20.2	31.4	42.9	53.5	65.1	78.5
-45°	0.0	2.7	4.0	4.7	9.6	17.8	27.2	37.3	46.8	57.4	68.8
-47.5°	0.0	2.6	4.0	4.0	8.7	15.5	22.9	32.5	40.3	50.0	60.6
-50°	0.0	2.4	3.9	3.8	7.7	13.1	20.0	27.8	34.9	44.0	52.7
-52.5°	0.0	2.3	3.9	3.8	6.8	10.7	17.3	23.2	30.2	38.1	45.1
-55°	0.0	2.2	3.8	3.8	5.8	9.3	14.6	19.0	25.8	32.3	38.9
-57.5°	0.0	2.0	3.8	3.8	4.8	8.1	12.0	16.2	21.4	27.3	32.8
-60°	0.0	1.9	3.8	3.8	3.8	6.9	9.6	13.6	17.3	22.5	27.1
-62.5°	0.0	1.8	3.5	3.8	3.8	5.7	8.2	11.1	14.5	17.8	22.1
-65°	0.0	1.6	3.2	3.8	3.8	4.4	6.8	8.8	11.6	14.4	17.3
-67.5°	0.0	1.5	2.9	3.8	3.8	3.8	5.4	7.3	8.8	11.3	13.5
-70°	0.0	1.3	2.6	3.8	3.8	3.8	4.0	5.7	7.1	8.3	10.3
-72.5°	0.0	1.1	2.3	3.4	3.8	3.8	3.8	4.2	5.5	6.6	7.4
-75°	0.0	1.0	2.0	2.9	3.8	3.8	3.8	3.8	3.9	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	6.8	7.3	8.0	9.0
77.5°	4.9	5.6	6.3	7.0	7.8	9.2	10.5	11.5	12.8	14.3	15.9
75°	6.6	7.4	9.2	11.3	13.2	14.7	16.1	18.1	20.6	23.4	26.0
72.5°	9.0	11.3	13.8	16.4	19.6	22.3	24.8	27.3	31.3	35.8	39.1
70°	12.4	15.2	19.1	23.4	27.4	30.9	36.1	42.2	48.4	51.5	53.4
67.5°	16.0	20.5	25.3	30.4	36.0	41.9	49.0	55.6	61.9	64.5	66.8
65°	20.8	25.9	31.7	38.0	44.5	51.6	58.8	66.2	72.8	76.2	80.1
62.5°	25.6	31.7	38.5	45.6	52.7	60.3	69.1	76.6	82.3	89.1	97.0
60°	31.5	37.6	45.2	53.1	61.3	71.9	80.8	89.1	96.7	104.4	116.3
57.5°	37.7	43.6	52.1	61.3	72.7	84.8	94.8	103.8	114.3	125.3	137.4
55°	44.4	49.7	59.3	70.7	83.8	98.1	109.9	122.2	134.4	144.2	154.8
52.5°	52.1	57.0	67.0	80.2	95.3	111.4	127.2	139.9	151.2	162.0	174.2
50°	60.2	66.4	74.5	90.3	107.1	125.4	143.3	156.1	168.9	181.6	195.3
47.5°	69.6	76.4	83.3	100.3	119.4	138.2	156.6	173.0	187.2	204.1	219.7
45°	79.8	87.8	95.2	111.0	130.7	149.7	170.2	189.9	209.8	229.8	254.9
42.5°	90.6	99.4	108.8	121.0	140.7	161.8	183.7	209.9	235.2	263.1	295.6
40°	101.2	110.9	122.1	133.2	150.6	174.1	200.8	230.2	265.9	302.0	341.4
37.5°	111.4	122.6	134.7	146.2	161.6	188.0	217.5	255.1	298.1	343.7	393.8
35°	121.5	133.9	146.2	159.8	177.0	202.7	239.1	281.7	333.3	390.9	436.7
32.5°	131.4	144.7	157.2	173.5	194.8	221.1	259.8	313.6	373.1	431.4	462.0
30°	143.7	154.4	168.1	186.5	212.1	245.7	287.7	345.6	413.3	453.1	481.6
27.5°	160.2	164.1	179.5	201.0	230.0	269.8	322.1	382.3	438.2	473.2	498.7
25°	176.5	180.5	190.2	215.7	251.4	298.5	357.2	425.7	459.0	488.5	518.0
22.5°	192.0	196.2	208.4	229.6	272.1	327.6	395.8	455.8	487.5	506.3	538.3
20°	206.6	213.1	228.1	252.6	293.4	355.1	433.3	483.7	513.8	536.4	565.9
17.5°	220.6	229.6	248.1	277.8	323.3	386.1	467.3	511.5	540.9	562.7	599.3
15°	234.2	245.7	267.2	301.3	351.1	419.2	490.1	534.3	565.9	587.4	630.1
12.5°	247.4	261.3	285.6	323.2	376.3	448.1	509.4	549.0	580.5	613.4	657.5
10°	260.2	276.5	303.0	343.5	398.7	473.0	525.5	560.8	592.3	634.1	680.1
7.5°	262.1	284.2	317.3	362.2	418.6	494.1	538.8	570.1	604.3	653.1	700.7
5°	262.1	283.6	318.4	367.0	428.1	506.5	548.1	577.0	615.8	670.1	719.0
2.5°	261.9	282.2	318.7	368.7	430.5	507.8	549.5	578.9	622.4	686.7	735.8
0°	261.5	280.3	318.0	368.8	430.8	506.1	549.4	579.5	626.5	701.8	750.7
-2.5°	261.9	282.2	318.7	368.7	430.5	507.8	549.5	578.9	622.4	686.7	735.8
-5°	262.1	283.6	318.4	367.0	428.1	506.5	548.1	577.0	615.8	670.1	719.0
-7.5°	262.1	284.2	317.3	362.2	418.6	494.1	538.8	570.1	604.3	653.1	700.7
-10°	260.2	276.5	303.0	343.5	398.7	473.0	525.5	560.8	592.3	634.1	680.1
-12.5°	247.4	261.3	285.6	323.2	376.3	448.1	509.4	549.0	580.5	613.4	657.5
-15°	234.2	245.7	267.2	301.3	351.1	419.2	490.1	534.3	565.9	587.4	630.1
-17.5°	220.6	229.6	248.1	277.8	323.3	386.1	467.3	511.5	540.9	562.7	599.3
-20°	206.6	213.1	228.1	252.6	293.4	355.1	433.3	483.7	513.8	536.4	565.9



REPORT NUMBER: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	192.0	196.2	208.4	229.6	272.1	327.6	395.8	455.8	487.5	506.3	538.3
-25°	176.5	180.5	190.2	215.7	251.4	298.5	357.2	425.7	459.0	488.5	518.0
-27.5°	160.2	164.1	179.5	201.0	230.0	269.8	322.1	382.3	438.2	473.2	498.7
-30°	143.7	154.4	168.1	186.5	212.1	245.7	287.7	345.6	413.3	453.1	481.6
-32.5°	131.4	144.7	157.2	173.5	194.8	221.1	259.8	313.6	373.1	431.4	462.0
-35°	121.5	133.9	146.2	159.8	177.0	202.7	239.1	281.7	333.3	390.9	436.7
-37.5°	111.4	122.6	134.7	146.2	161.6	188.0	217.5	255.1	298.1	343.7	393.8
-40°	101.2	110.9	122.1	133.2	150.6	174.1	200.8	230.2	265.9	302.0	341.4
-42.5°	90.6	99.4	108.8	121.0	140.7	161.8	183.7	209.9	235.2	263.1	295.6
-45°	79.8	87.8	95.2	111.0	130.7	149.7	170.2	189.9	209.8	229.8	254.9
-47.5°	69.6	76.4	83.3	100.3	119.4	138.2	156.6	173.0	187.2	204.1	219.7
-50°	60.2	66.4	74.5	90.3	107.1	125.4	143.3	156.1	168.9	181.6	195.3
-52.5°	52.1	57.0	67.0	80.2	95.3	111.4	127.2	139.9	151.2	162.0	174.2
-55°	44.4	49.7	59.3	70.7	83.8	98.1	109.9	122.2	134.4	144.2	154.8
-57.5°	37.7	43.6	52.1	61.3	72.7	84.8	94.8	103.8	114.3	125.3	137.4
-60°	31.5	37.6	45.2	53.1	61.3	71.9	80.8	89.1	96.7	104.4	116.3
-62.5°	25.6	31.7	38.5	45.6	52.7	60.3	69.1	76.6	82.3	89.1	97.0
-65°	20.8	25.9	31.7	38.0	44.5	51.6	58.8	66.2	72.8	76.2	80.1
-67.5°	16.0	20.5	25.3	30.4	36.0	41.9	49.0	55.6	61.9	64.5	66.8
-70°	12.4	15.2	19.1	23.4	27.4	30.9	36.1	42.2	48.4	51.5	53.4
-72.5°	9.0	11.3	13.8	16.4	19.6	22.3	24.8	27.3	31.3	35.8	39.1
-75°	6.6	7.4	9.2	11.3	13.2	14.7	16.1	18.1	20.6	23.4	26.0
-77.5°	4.9	5.6	6.3	7.0	7.8	9.2	10.5	11.5	12.8	14.3	15.9
-80°	3.7	3.8	4.3	4.9	5.4	5.9	6.4	6.8	7.3	8.0	9.0
-82.5°	3.5	3.3	3.3	3.3	3.5	3.7	3.9	4.2	4.6	4.9	5.2
-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: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	6.0	6.2	6.5	6.7	6.8	7.0	7.1	7.2	7.3
80°	10.0	10.8	11.4	11.9	12.3	13.6	15.2	17.0	18.8	19.4	19.9
77.5°	17.9	19.2	20.1	20.7	21.1	24.0	27.8	31.8	35.8	38.0	39.7
75°	28.6	30.1	31.1	31.8	32.3	36.8	43.5	50.5	57.8	61.5	64.2
72.5°	41.3	42.6	43.6	44.5	45.1	51.7	63.8	76.9	90.8	99.3	105.5
70°	55.1	56.5	57.8	58.8	59.5	67.5	85.0	103.2	122.1	141.0	161.2
67.5°	69.6	72.7	74.4	75.3	76.3	83.1	101.7	118.9	134.8	169.0	222.8
65°	85.5	92.7	95.7	97.4	98.1	101.2	117.1	131.5	144.4	171.1	212.1
62.5°	105.7	115.2	119.6	121.6	122.7	122.9	135.9	148.0	159.0	175.7	201.8
60°	127.5	137.8	143.2	144.7	145.7	146.1	156.4	168.4	179.4	192.9	217.3
57.5°	147.4	157.1	165.2	168.3	170.8	172.6	181.7	195.7	208.8	222.4	248.5
55°	166.5	178.2	189.4	195.5	201.2	206.3	215.3	233.0	249.8	265.7	292.9
52.5°	187.3	202.3	217.1	228.2	239.2	248.8	258.4	281.3	303.8	325.0	351.4
50°	212.0	230.6	252.3	270.6	286.2	301.7	315.5	342.6	373.0	401.9	429.7
47.5°	243.5	268.0	295.7	321.7	343.0	366.9	388.6	416.4	443.3	470.1	493.2
45°	282.1	316.0	347.9	382.5	412.8	428.6	441.2	458.5	486.1	512.5	534.0
42.5°	331.4	370.9	410.2	435.9	455.4	468.2	477.4	486.5	515.4	541.0	561.7
40°	386.4	426.0	450.2	471.3	484.8	496.2	510.5	524.7	547.4	573.6	596.7
37.5°	434.0	459.4	480.7	497.2	513.5	528.8	549.4	569.8	591.4	620.7	642.2
35°	463.3	485.6	507.2	528.0	548.9	572.3	598.1	628.1	654.6	630.5	595.6
32.5°	485.6	508.6	534.7	566.7	595.5	627.5	659.9	607.8	554.5	533.7	538.0
30°	505.1	531.7	567.8	609.5	649.5	635.2	564.2	539.3	546.7	561.2	589.4
27.5°	526.0	559.2	602.9	654.3	622.8	544.2	548.3	562.8	611.4	652.7	715.5
25°	550.7	590.7	645.1	621.3	549.3	556.7	593.2	648.2	741.0	827.5	903.2
22.5°	580.4	631.4	638.6	549.3	559.1	606.8	680.8	799.9	912.7	1017.3	1095.4
20°	610.6	669.4	579.0	560.1	601.9	687.1	824.5	961.3	1087.1	1180.7	1258.8
17.5°	646.7	626.0	562.0	582.0	666.8	813.8	968.4	1113.4	1232.1	1393.8	1531.5
15°	678.4	584.2	572.3	638.5	765.9	931.4	1099.3	1229.6	1444.0	1675.8	1910.3
12.5°	660.3	569.3	590.7	688.8	856.2	1035.1	1183.6	1389.8	1673.5	2012.1	2520.9
10°	633.4	577.7	629.9	758.3	933.6	1107.8	1262.1	1532.4	1906.8	2528.7	3329.9
7.5°	612.6	581.2	655.8	811.7	991.1	1151.7	1357.5	1685.1	2207.0	3060.2	4766.0
5°	596.8	581.1	667.7	842.6	1025.3	1182.1	1416.3	1796.3	2501.3	3716.9	6631.7
2.5°	589.9	578.1	671.0	859.2	1041.9	1199.0	1452.8	1876.1	2687.0	4326.8	8720.3
0°	594.5	571.9	669.8	865.4	1051.7	1196.6	1458.1	1900.2	2743.1	4552.1	9000.6
-2.5°	589.9	578.1	671.0	859.2	1041.9	1199.0	1452.8	1876.1	2687.0	4326.8	8720.3
-5°	596.8	581.1	667.7	842.6	1025.3	1182.1	1416.3	1796.3	2501.3	3716.9	6631.7
-7.5°	612.6	581.2	655.8	811.7	991.1	1151.7	1357.5	1685.1	2207.0	3060.2	4766.0
-10°	633.4	577.7	629.9	758.3	933.6	1107.8	1262.1	1532.4	1906.8	2528.7	3329.9
-12.5°	660.3	569.3	590.7	688.8	856.2	1035.1	1183.6	1389.8	1673.5	2012.1	2520.9
-15°	678.4	584.2	572.3	638.5	765.9	931.4	1099.3	1229.6	1444.0	1675.8	1910.3
-17.5°	646.7	626.0	562.0	582.0	666.8	813.8	968.4	1113.4	1232.1	1393.8	1531.5
-20°	610.6	669.4	579.0	560.1	601.9	687.1	824.5	961.3	1087.1	1180.7	1258.8



REPORT NUMBER: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	580.4	631.4	638.6	549.3	559.1	606.8	680.8	799.9	912.7	1017.3	1095.4
-25°	550.7	590.7	645.1	621.3	549.3	556.7	593.2	648.2	741.0	827.5	903.2
-27.5°	526.0	559.2	602.9	654.3	622.8	544.2	548.3	562.8	611.4	652.7	715.5
-30°	505.1	531.7	567.8	609.5	649.5	635.2	564.2	539.3	546.7	561.2	589.4
-32.5°	485.6	508.6	534.7	566.7	595.5	627.5	659.9	607.8	554.5	533.7	538.0
-35°	463.3	485.6	507.2	528.0	548.9	572.3	598.1	628.1	654.6	630.5	595.6
-37.5°	434.0	459.4	480.7	497.2	513.5	528.8	549.4	569.8	591.4	620.7	642.2
-40°	386.4	426.0	450.2	471.3	484.8	496.2	510.5	524.7	547.4	573.6	596.7
-42.5°	331.4	370.9	410.2	435.9	455.4	468.2	477.4	486.5	515.4	541.0	561.7
-45°	282.1	316.0	347.9	382.5	412.8	428.6	441.2	458.5	486.1	512.5	534.0
-47.5°	243.5	268.0	295.7	321.7	343.0	366.9	388.6	416.4	443.3	470.1	493.2
-50°	212.0	230.6	252.3	270.6	286.2	301.7	315.5	342.6	373.0	401.9	429.7
-52.5°	187.3	202.3	217.1	228.2	239.2	248.8	258.4	281.3	303.8	325.0	351.4
-55°	166.5	178.2	189.4	195.5	201.2	206.3	215.3	233.0	249.8	265.7	292.9
-57.5°	147.4	157.1	165.2	168.3	170.8	172.6	181.7	195.7	208.8	222.4	248.5
-60°	127.5	137.8	143.2	144.7	145.7	146.1	156.4	168.4	179.4	192.9	217.3
-62.5°	105.7	115.2	119.6	121.6	122.7	122.9	135.9	148.0	159.0	175.7	201.8
-65°	85.5	92.7	95.7	97.4	98.1	101.2	117.1	131.5	144.4	171.1	212.1
-67.5°	69.6	72.7	74.4	75.3	76.3	83.1	101.7	118.9	134.8	169.0	222.8
-70°	55.1	56.5	57.8	58.8	59.5	67.5	85.0	103.2	122.1	141.0	161.2
-72.5°	41.3	42.6	43.6	44.5	45.1	51.7	63.8	76.9	90.8	99.3	105.5
-75°	28.6	30.1	31.1	31.8	32.3	36.8	43.5	50.5	57.8	61.5	64.2
-77.5°	17.9	19.2	20.1	20.7	21.1	24.0	27.8	31.8	35.8	38.0	39.7
-80°	10.0	10.8	11.4	11.9	12.3	13.6	15.2	17.0	18.8	19.4	19.9
-82.5°	5.5	5.8	6.0	6.2	6.5	6.7	6.8	7.0	7.1	7.2	7.3
-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: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.3	7.2	7.1	7.0
80°	20.2	20.5	19.7	18.8	19.7	20.5	20.2	19.9	19.4	18.8	17.0
77.5°	41.3	42.8	41.3	39.5	41.3	42.8	41.3	39.7	38.0	35.8	31.8
75°	66.7	68.9	67.6	65.8	67.6	68.9	66.7	64.2	61.5	57.8	50.5
72.5°	111.4	116.8	115.5	112.9	115.5	116.8	111.4	105.5	99.3	90.8	76.9
70°	182.3	203.7	202.8	197.5	202.8	203.7	182.3	161.2	141.0	122.1	103.2
67.5°	281.1	341.8	361.0	370.6	361.0	341.8	281.1	222.8	169.0	134.8	118.9
65°	250.4	287.0	301.5	312.3	301.5	287.0	250.4	212.1	171.1	144.4	131.5
62.5°	225.2	246.9	251.6	252.1	251.6	246.9	225.2	201.8	175.7	159.0	148.0
60°	241.0	264.1	267.5	263.4	267.5	264.1	241.0	217.3	192.9	179.4	168.4
57.5°	273.7	297.9	302.4	297.3	302.4	297.9	273.7	248.5	222.4	208.8	195.7
55°	319.0	343.4	351.5	349.9	351.5	343.4	319.0	292.9	265.7	249.8	233.0
52.5°	376.7	399.2	408.5	408.3	408.5	399.2	376.7	351.4	325.0	303.8	281.3
50°	453.9	474.0	484.0	485.4	484.0	474.0	453.9	429.7	401.9	373.0	342.6
47.5°	509.6	522.8	529.7	530.6	529.7	522.8	509.6	493.2	470.1	443.3	416.4
45°	543.6	550.7	556.1	560.7	556.1	550.7	543.6	534.0	512.5	486.1	458.5
42.5°	575.7	590.5	601.4	603.9	601.4	590.5	575.7	561.7	541.0	515.4	486.5
40°	618.6	639.1	658.7	679.2	658.7	639.1	618.6	596.7	573.6	547.4	524.7
37.5°	664.5	687.3	706.2	716.8	706.2	687.3	664.5	642.2	620.7	591.4	569.8
35°	571.1	556.1	547.2	543.7	547.2	556.1	571.1	595.6	630.5	654.6	628.1
32.5°	540.5	541.5	539.8	536.2	539.8	541.5	540.5	538.0	533.7	554.5	607.8
30°	610.2	620.2	621.4	620.9	621.4	620.2	610.2	589.4	561.2	546.7	539.3
27.5°	761.9	787.3	795.2	810.9	795.2	787.3	761.9	715.5	652.7	611.4	562.8
25°	961.8	1000.1	1018.6	1025.4	1018.6	1000.1	961.8	903.2	827.5	741.0	648.2
22.5°	1139.5	1168.8	1185.9	1200.3	1185.9	1168.8	1139.5	1095.4	1017.3	912.7	799.9
20°	1350.0	1403.5	1428.0	1429.9	1428.0	1403.5	1350.0	1258.8	1180.7	1087.1	961.3
17.5°	1678.7	1782.8	1834.8	1849.4	1834.8	1782.8	1678.7	1531.5	1393.8	1232.1	1113.4
15°	2197.3	2462.9	2599.5	2664.1	2599.5	2462.9	2197.3	1910.3	1675.8	1444.0	1229.6
12.5°	3043.3	3642.0	4126.2	4308.4	4126.2	3642.0	3043.3	2520.9	2012.1	1673.5	1389.8
10°	4719.4	6507.4	8596.2	9570.7	8596.2	6507.4	4719.4	3329.9	2528.7	1906.8	1532.4
7.5°	9130.3	21198.8	41086.9	50573.9	41086.9	21198.8	9130.3	4766.0	3060.2	2207.0	1685.1
5°	19461.4	83989.5	150414.6	176674.7	150414.6	83989.5	19461.4	6631.7	3716.9	2501.3	1796.3
2.5°	30997.9	137753.6	259918.9	303921.3	259918.9	137753.6	30997.9	8720.3	4326.8	2687.0	1876.1
0°	37036.3	145166.9	286814.7	330720.0	286814.7	145166.9	37036.3	9000.6	4552.1	2743.1	1900.2
-2.5°	30997.9	137753.6	259918.9	303921.3	259918.9	137753.6	30997.9	8720.3	4326.8	2687.0	1876.1
-5°	19461.4	83989.5	150414.6	176674.7	150414.6	83989.5	19461.4	6631.7	3716.9	2501.3	1796.3
-7.5°	9130.3	21198.8	41086.9	50573.9	41086.9	21198.8	9130.3	4766.0	3060.2	2207.0	1685.1
-10°	4719.4	6507.4	8596.2	9570.7	8596.2	6507.4	4719.4	3329.9	2528.7	1906.8	1532.4
-12.5°	3043.3	3642.0	4126.2	4308.4	4126.2	3642.0	3043.3	2520.9	2012.1	1673.5	1389.8
-15°	2197.3	2462.9	2599.5	2664.1	2599.5	2462.9	2197.3	1910.3	1675.8	1444.0	1229.6
-17.5°	1678.7	1782.8	1834.8	1849.4	1834.8	1782.8	1678.7	1531.5	1393.8	1232.1	1113.4
-20°	1350.0	1403.5	1428.0	1429.9	1428.0	1403.5	1350.0	1258.8	1180.7	1087.1	961.3



REPORT NUMBER: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	1139.5	1168.8	1185.9	1200.3	1185.9	1168.8	1139.5	1095.4	1017.3	912.7	799.9
-25°	961.8	1000.1	1018.6	1025.4	1018.6	1000.1	961.8	903.2	827.5	741.0	648.2
-27.5°	761.9	787.3	795.2	810.9	795.2	787.3	761.9	715.5	652.7	611.4	562.8
-30°	610.2	620.2	621.4	620.9	621.4	620.2	610.2	589.4	561.2	546.7	539.3
-32.5°	540.5	541.5	539.8	536.2	539.8	541.5	540.5	538.0	533.7	554.5	607.8
-35°	571.1	556.1	547.2	543.7	547.2	556.1	571.1	595.6	630.5	654.6	628.1
-37.5°	664.5	687.3	706.2	716.8	706.2	687.3	664.5	642.2	620.7	591.4	569.8
-40°	618.6	639.1	658.7	679.2	658.7	639.1	618.6	596.7	573.6	547.4	524.7
-42.5°	575.7	590.5	601.4	603.9	601.4	590.5	575.7	561.7	541.0	515.4	486.5
-45°	543.6	550.7	556.1	560.7	556.1	550.7	543.6	534.0	512.5	486.1	458.5
-47.5°	509.6	522.8	529.7	530.6	529.7	522.8	509.6	493.2	470.1	443.3	416.4
-50°	453.9	474.0	484.0	485.4	484.0	474.0	453.9	429.7	401.9	373.0	342.6
-52.5°	376.7	399.2	408.5	408.3	408.5	399.2	376.7	351.4	325.0	303.8	281.3
-55°	319.0	343.4	351.5	349.9	351.5	343.4	319.0	292.9	265.7	249.8	233.0
-57.5°	273.7	297.9	302.4	297.3	302.4	297.9	273.7	248.5	222.4	208.8	195.7
-60°	241.0	264.1	267.5	263.4	267.5	264.1	241.0	217.3	192.9	179.4	168.4
-62.5°	225.2	246.9	251.6	252.1	251.6	246.9	225.2	201.8	175.7	159.0	148.0
-65°	250.4	287.0	301.5	312.3	301.5	287.0	250.4	212.1	171.1	144.4	131.5
-67.5°	281.1	341.8	361.0	370.6	361.0	341.8	281.1	222.8	169.0	134.8	118.9
-70°	182.3	203.7	202.8	197.5	202.8	203.7	182.3	161.2	141.0	122.1	103.2
-72.5°	111.4	116.8	115.5	112.9	115.5	116.8	111.4	105.5	99.3	90.8	76.9
-75°	66.7	68.9	67.6	65.8	67.6	68.9	66.7	64.2	61.5	57.8	50.5
-77.5°	41.3	42.8	41.3	39.5	41.3	42.8	41.3	39.7	38.0	35.8	31.8
-80°	20.2	20.5	19.7	18.8	19.7	20.5	20.2	19.9	19.4	18.8	17.0
-82.5°	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.3	7.2	7.1	7.0
-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: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	6.8	6.7	6.5	6.2	6.0	5.8	5.5	5.2	4.9	4.6	4.2
80°	15.2	13.6	12.3	11.9	11.4	10.8	10.0	9.0	8.0	7.3	6.8
77.5°	27.8	24.0	21.1	20.7	20.1	19.2	17.9	15.9	14.3	12.8	11.5
75°	43.5	36.8	32.3	31.8	31.1	30.1	28.6	26.0	23.4	20.6	18.1
72.5°	63.8	51.7	45.1	44.5	43.6	42.6	41.3	39.1	35.8	31.3	27.3
70°	85.0	67.5	59.5	58.8	57.8	56.5	55.1	53.4	51.5	48.4	42.2
67.5°	101.7	83.1	76.3	75.3	74.4	72.7	69.6	66.8	64.5	61.9	55.6
65°	117.1	101.2	98.1	97.4	95.7	92.7	85.5	80.1	76.2	72.8	66.2
62.5°	135.9	122.9	122.7	121.6	119.6	115.2	105.7	97.0	89.1	82.3	76.6
60°	156.4	146.1	145.7	144.7	143.2	137.8	127.5	116.3	104.4	96.7	89.1
57.5°	181.7	172.6	170.8	168.3	165.2	157.1	147.4	137.4	125.3	114.3	103.8
55°	215.3	206.3	201.2	195.5	189.4	178.2	166.5	154.8	144.2	134.4	122.2
52.5°	258.4	248.8	239.2	228.2	217.1	202.3	187.3	174.2	162.0	151.2	139.9
50°	315.5	301.7	286.2	270.6	252.3	230.6	212.0	195.3	181.6	168.9	156.1
47.5°	388.6	366.9	343.0	321.7	295.7	268.0	243.5	219.7	204.1	187.2	173.0
45°	441.2	428.6	412.8	382.5	347.9	316.0	282.1	254.9	229.8	209.8	189.9
42.5°	477.4	468.2	455.4	435.9	410.2	370.9	331.4	295.6	263.1	235.2	209.9
40°	510.5	496.2	484.8	471.3	450.2	426.0	386.4	341.4	302.0	265.9	230.2
37.5°	549.4	528.8	513.5	497.2	480.7	459.4	434.0	393.8	343.7	298.1	255.1
35°	598.1	572.3	548.9	528.0	507.2	485.6	463.3	436.7	390.9	333.3	281.7
32.5°	659.9	627.5	595.5	566.7	534.7	508.6	485.6	462.0	431.4	373.1	313.6
30°	564.2	635.2	649.5	609.5	567.8	531.7	505.1	481.6	453.1	413.3	345.6
27.5°	548.3	544.2	622.8	654.3	602.9	559.2	526.0	498.7	473.2	438.2	382.3
25°	593.2	556.7	549.3	621.3	645.1	590.7	550.7	518.0	488.5	459.0	425.7
22.5°	680.8	606.8	559.1	549.3	638.6	631.4	580.4	538.3	506.3	487.5	455.8
20°	824.5	687.1	601.9	560.1	579.0	669.4	610.6	565.9	536.4	513.8	483.7
17.5°	968.4	813.8	666.8	582.0	562.0	626.0	646.7	599.3	562.7	540.9	511.5
15°	1099.3	931.4	765.9	638.5	572.3	584.2	678.4	630.1	587.4	565.9	534.3
12.5°	1183.6	1035.1	856.2	688.8	590.7	569.3	660.3	657.5	613.4	580.5	549.0
10°	1262.1	1107.8	933.6	758.3	629.9	577.7	633.4	680.1	634.1	592.3	560.8
7.5°	1357.5	1151.7	991.1	811.7	655.8	581.2	612.6	700.7	653.1	604.3	570.1
5°	1416.3	1182.1	1025.3	842.6	667.7	581.1	596.8	719.0	670.1	615.8	577.0
2.5°	1452.8	1199.0	1041.9	859.2	671.0	578.1	589.9	735.8	686.7	622.4	578.9
0°	1458.1	1196.6	1051.7	865.4	669.8	571.9	594.5	750.7	701.8	626.5	579.5
-2.5°	1452.8	1199.0	1041.9	859.2	671.0	578.1	589.9	735.8	686.7	622.4	578.9
-5°	1416.3	1182.1	1025.3	842.6	667.7	581.1	596.8	719.0	670.1	615.8	577.0
-7.5°	1357.5	1151.7	991.1	811.7	655.8	581.2	612.6	700.7	653.1	604.3	570.1
-10°	1262.1	1107.8	933.6	758.3	629.9	577.7	633.4	680.1	634.1	592.3	560.8
-12.5°	1183.6	1035.1	856.2	688.8	590.7	569.3	660.3	657.5	613.4	580.5	549.0
-15°	1099.3	931.4	765.9	638.5	572.3	584.2	678.4	630.1	587.4	565.9	534.3
-17.5°	968.4	813.8	666.8	582.0	562.0	626.0	646.7	599.3	562.7	540.9	511.5
-20°	824.5	687.1	601.9	560.1	579.0	669.4	610.6	565.9	536.4	513.8	483.7



REPORT NUMBER: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	680.8	606.8	559.1	549.3	638.6	631.4	580.4	538.3	506.3	487.5	455.8
-25°	593.2	556.7	549.3	621.3	645.1	590.7	550.7	518.0	488.5	459.0	425.7
-27.5°	548.3	544.2	622.8	654.3	602.9	559.2	526.0	498.7	473.2	438.2	382.3
-30°	564.2	635.2	649.5	609.5	567.8	531.7	505.1	481.6	453.1	413.3	345.6
-32.5°	659.9	627.5	595.5	566.7	534.7	508.6	485.6	462.0	431.4	373.1	313.6
-35°	598.1	572.3	548.9	528.0	507.2	485.6	463.3	436.7	390.9	333.3	281.7
-37.5°	549.4	528.8	513.5	497.2	480.7	459.4	434.0	393.8	343.7	298.1	255.1
-40°	510.5	496.2	484.8	471.3	450.2	426.0	386.4	341.4	302.0	265.9	230.2
-42.5°	477.4	468.2	455.4	435.9	410.2	370.9	331.4	295.6	263.1	235.2	209.9
-45°	441.2	428.6	412.8	382.5	347.9	316.0	282.1	254.9	229.8	209.8	189.9
-47.5°	388.6	366.9	343.0	321.7	295.7	268.0	243.5	219.7	204.1	187.2	173.0
-50°	315.5	301.7	286.2	270.6	252.3	230.6	212.0	195.3	181.6	168.9	156.1
-52.5°	258.4	248.8	239.2	228.2	217.1	202.3	187.3	174.2	162.0	151.2	139.9
-55°	215.3	206.3	201.2	195.5	189.4	178.2	166.5	154.8	144.2	134.4	122.2
-57.5°	181.7	172.6	170.8	168.3	165.2	157.1	147.4	137.4	125.3	114.3	103.8
-60°	156.4	146.1	145.7	144.7	143.2	137.8	127.5	116.3	104.4	96.7	89.1
-62.5°	135.9	122.9	122.7	121.6	119.6	115.2	105.7	97.0	89.1	82.3	76.6
-65°	117.1	101.2	98.1	97.4	95.7	92.7	85.5	80.1	76.2	72.8	66.2
-67.5°	101.7	83.1	76.3	75.3	74.4	72.7	69.6	66.8	64.5	61.9	55.6
-70°	85.0	67.5	59.5	58.8	57.8	56.5	55.1	53.4	51.5	48.4	42.2
-72.5°	63.8	51.7	45.1	44.5	43.6	42.6	41.3	39.1	35.8	31.3	27.3
-75°	43.5	36.8	32.3	31.8	31.1	30.1	28.6	26.0	23.4	20.6	18.1
-77.5°	27.8	24.0	21.1	20.7	20.1	19.2	17.9	15.9	14.3	12.8	11.5
-80°	15.2	13.6	12.3	11.9	11.4	10.8	10.0	9.0	8.0	7.3	6.8
-82.5°	6.8	6.7	6.5	6.2	6.0	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: P558953 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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	9.2	7.8	7.0	6.3	5.6	4.9	4.2	3.8	3.8	3.8
75°	16.1	14.7	13.2	11.3	9.2	7.4	6.6	5.8	5.0	3.9	3.8
72.5°	24.8	22.3	19.6	16.4	13.8	11.3	9.0	7.4	6.6	5.5	4.2
70°	36.1	30.9	27.4	23.4	19.1	15.2	12.4	10.3	8.3	7.1	5.7
67.5°	49.0	41.9	36.0	30.4	25.3	20.5	16.0	13.5	11.3	8.8	7.3
65°	58.8	51.6	44.5	38.0	31.7	25.9	20.8	17.3	14.4	11.6	8.8
62.5°	69.1	60.3	52.7	45.6	38.5	31.7	25.6	22.1	17.8	14.5	11.1
60°	80.8	71.9	61.3	53.1	45.2	37.6	31.5	27.1	22.5	17.3	13.6
57.5°	94.8	84.8	72.7	61.3	52.1	43.6	37.7	32.8	27.3	21.4	16.2
55°	109.9	98.1	83.8	70.7	59.3	49.7	44.4	38.9	32.3	25.8	19.0
52.5°	127.2	111.4	95.3	80.2	67.0	57.0	52.1	45.1	38.1	30.2	23.2
50°	143.3	125.4	107.1	90.3	74.5	66.4	60.2	52.7	44.0	34.9	27.8
47.5°	156.6	138.2	119.4	100.3	83.3	76.4	69.6	60.6	50.0	40.3	32.5
45°	170.2	149.7	130.7	111.0	95.2	87.8	79.8	68.8	57.4	46.8	37.3
42.5°	183.7	161.8	140.7	121.0	108.8	99.4	90.6	78.5	65.1	53.5	42.9
40°	200.8	174.1	150.6	133.2	122.1	110.9	101.2	88.8	73.1	60.9	48.9
37.5°	217.5	188.0	161.6	146.2	134.7	122.6	111.4	99.4	83.1	69.3	55.1
35°	239.1	202.7	177.0	159.8	146.2	133.9	121.5	109.7	94.8	77.8	61.3
32.5°	259.8	221.1	194.8	173.5	157.2	144.7	131.4	122.6	106.9	86.4	67.7
30°	287.7	245.7	212.1	186.5	168.1	154.4	143.7	137.2	119.4	95.1	74.3
27.5°	322.1	269.8	230.0	201.0	179.5	164.1	160.2	153.3	132.3	104.4	81.4
25°	357.2	298.5	251.4	215.7	190.2	180.5	176.5	170.6	145.6	115.0	88.5
22.5°	395.8	327.6	272.1	229.6	208.4	196.2	192.0	185.3	159.7	125.5	95.4
20°	433.3	355.1	293.4	252.6	228.1	213.1	206.6	199.7	174.4	136.0	102.1
17.5°	467.3	386.1	323.3	277.8	248.1	229.6	220.6	213.9	189.5	146.3	108.6
15°	490.1	419.2	351.1	301.3	267.2	245.7	234.2	227.8	204.8	156.4	113.3
12.5°	509.4	448.1	376.3	323.2	285.6	261.3	247.4	241.4	220.1	162.9	115.8
10°	525.5	473.0	398.7	343.5	303.0	276.5	260.2	251.0	225.9	166.2	117.9
7.5°	538.8	494.1	418.6	362.2	317.3	284.2	262.1	252.8	229.4	168.7	119.7
5°	548.1	506.5	428.1	367.0	318.4	283.6	262.1	254.2	231.8	170.3	121.1
2.5°	549.5	507.8	430.5	368.7	318.7	282.2	261.9	255.2	233.1	171.2	122.0
0°	549.4	506.1	430.8	368.8	318.0	280.3	261.5	255.9	233.3	171.2	122.3
-2.5°	549.5	507.8	430.5	368.7	318.7	282.2	261.9	255.2	233.1	171.2	122.0
-5°	548.1	506.5	428.1	367.0	318.4	283.6	262.1	254.2	231.8	170.3	121.1
-7.5°	538.8	494.1	418.6	362.2	317.3	284.2	262.1	252.8	229.4	168.7	119.7
-10°	525.5	473.0	398.7	343.5	303.0	276.5	260.2	251.0	225.9	166.2	117.9
-12.5°	509.4	448.1	376.3	323.2	285.6	261.3	247.4	241.4	220.1	162.9	115.8
-15°	490.1	419.2	351.1	301.3	267.2	245.7	234.2	227.8	204.8	156.4	113.3
-17.5°	467.3	386.1	323.3	277.8	248.1	229.6	220.6	213.9	189.5	146.3	108.6
-20°	433.3	355.1	293.4	252.6	228.1	213.1	206.6	199.7	174.4	136.0	102.1



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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°	395.8	327.6	272.1	229.6	208.4	196.2	192.0	185.3	159.7	125.5	95.4
-25°	357.2	298.5	251.4	215.7	190.2	180.5	176.5	170.6	145.6	115.0	88.5
-27.5°	322.1	269.8	230.0	201.0	179.5	164.1	160.2	153.3	132.3	104.4	81.4
-30°	287.7	245.7	212.1	186.5	168.1	154.4	143.7	137.2	119.4	95.1	74.3
-32.5°	259.8	221.1	194.8	173.5	157.2	144.7	131.4	122.6	106.9	86.4	67.7
-35°	239.1	202.7	177.0	159.8	146.2	133.9	121.5	109.7	94.8	77.8	61.3
-37.5°	217.5	188.0	161.6	146.2	134.7	122.6	111.4	99.4	83.1	69.3	55.1
-40°	200.8	174.1	150.6	133.2	122.1	110.9	101.2	88.8	73.1	60.9	48.9
-42.5°	183.7	161.8	140.7	121.0	108.8	99.4	90.6	78.5	65.1	53.5	42.9
-45°	170.2	149.7	130.7	111.0	95.2	87.8	79.8	68.8	57.4	46.8	37.3
-47.5°	156.6	138.2	119.4	100.3	83.3	76.4	69.6	60.6	50.0	40.3	32.5
-50°	143.3	125.4	107.1	90.3	74.5	66.4	60.2	52.7	44.0	34.9	27.8
-52.5°	127.2	111.4	95.3	80.2	67.0	57.0	52.1	45.1	38.1	30.2	23.2
-55°	109.9	98.1	83.8	70.7	59.3	49.7	44.4	38.9	32.3	25.8	19.0
-57.5°	94.8	84.8	72.7	61.3	52.1	43.6	37.7	32.8	27.3	21.4	16.2
-60°	80.8	71.9	61.3	53.1	45.2	37.6	31.5	27.1	22.5	17.3	13.6
-62.5°	69.1	60.3	52.7	45.6	38.5	31.7	25.6	22.1	17.8	14.5	11.1
-65°	58.8	51.6	44.5	38.0	31.7	25.9	20.8	17.3	14.4	11.6	8.8
-67.5°	49.0	41.9	36.0	30.4	25.3	20.5	16.0	13.5	11.3	8.8	7.3
-70°	36.1	30.9	27.4	23.4	19.1	15.2	12.4	10.3	8.3	7.1	5.7
-72.5°	24.8	22.3	19.6	16.4	13.8	11.3	9.0	7.4	6.6	5.5	4.2
-75°	16.1	14.7	13.2	11.3	9.2	7.4	6.6	5.8	5.0	3.9	3.8
-77.5°	10.5	9.2	7.8	7.0	6.3	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°	8.2	5.7	3.8	3.8	3.5	1.8	0.0
60°	9.6	6.9	3.8	3.8	3.8	1.9	0.0
57.5°	12.0	8.1	4.8	3.8	3.8	2.0	0.0
55°	14.6	9.3	5.8	3.8	3.8	2.2	0.0
52.5°	17.3	10.7	6.8	3.8	3.9	2.3	0.0
50°	20.0	13.1	7.7	3.8	3.9	2.4	0.0
47.5°	22.9	15.5	8.7	4.0	4.0	2.6	0.0
45°	27.2	17.8	9.6	4.7	4.0	2.7	0.0
42.5°	31.4	20.2	10.5	5.4	4.1	2.8	0.0
40°	35.8	22.6	11.9	6.0	4.1	2.9	0.0
37.5°	40.2	25.0	13.8	6.7	4.2	3.0	0.0
35°	44.6	28.1	15.6	7.2	4.3	3.1	0.0
32.5°	49.2	31.6	17.3	7.7	4.4	3.2	0.0
30°	54.3	35.0	19.0	8.2	4.5	3.3	0.0
27.5°	59.4	38.3	20.2	8.6	4.5	3.4	0.0
25°	64.4	41.5	21.0	8.9	4.6	3.4	0.0
22.5°	69.3	44.1	21.7	9.1	4.7	3.5	0.0
20°	74.0	45.0	22.2	9.3	4.8	3.6	0.0
17.5°	76.5	45.6	22.5	9.5	4.9	3.6	0.0
15°	77.4	45.8	22.7	9.6	5.0	3.7	0.0
12.5°	78.0	45.8	22.7	9.7	5.1	3.7	0.0
10°	78.2	45.4	22.5	9.7	5.2	3.7	0.0
7.5°	78.0	44.8	22.2	9.7	5.3	3.8	0.0
5°	77.5	43.9	21.8	9.6	5.4	3.8	0.0
2.5°	76.6	42.8	21.3	9.5	5.5	3.8	0.0
0°	75.3	41.4	20.7	9.4	5.6	3.8	0.0
-2.5°	76.6	42.8	21.3	9.5	5.5	3.8	0.0
-5°	77.5	43.9	21.8	9.6	5.4	3.8	0.0
-7.5°	78.0	44.8	22.2	9.7	5.3	3.8	0.0
-10°	78.2	45.4	22.5	9.7	5.2	3.7	0.0
-12.5°	78.0	45.8	22.7	9.7	5.1	3.7	0.0
-15°	77.4	45.8	22.7	9.6	5.0	3.7	0.0
-17.5°	76.5	45.6	22.5	9.5	4.9	3.6	0.0
-20°	74.0	45.0	22.2	9.3	4.8	3.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.3	44.1	21.7	9.1	4.7	3.5	0.0
-25°	64.4	41.5	21.0	8.9	4.6	3.4	0.0
-27.5°	59.4	38.3	20.2	8.6	4.5	3.4	0.0
-30°	54.3	35.0	19.0	8.2	4.5	3.3	0.0
-32.5°	49.2	31.6	17.3	7.7	4.4	3.2	0.0
-35°	44.6	28.1	15.6	7.2	4.3	3.1	0.0
-37.5°	40.2	25.0	13.8	6.7	4.2	3.0	0.0
-40°	35.8	22.6	11.9	6.0	4.1	2.9	0.0
-42.5°	31.4	20.2	10.5	5.4	4.1	2.8	0.0
-45°	27.2	17.8	9.6	4.7	4.0	2.7	0.0
-47.5°	22.9	15.5	8.7	4.0	4.0	2.6	0.0
-50°	20.0	13.1	7.7	3.8	3.9	2.4	0.0
-52.5°	17.3	10.7	6.8	3.8	3.9	2.3	0.0
-55°	14.6	9.3	5.8	3.8	3.8	2.2	0.0
-57.5°	12.0	8.1	4.8	3.8	3.8	2.0	0.0
-60°	9.6	6.9	3.8	3.8	3.8	1.9	0.0
-62.5°	8.2	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)