

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: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-935-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559153 (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-SA6B-935-U-TSB-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT BAFFLE N1
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

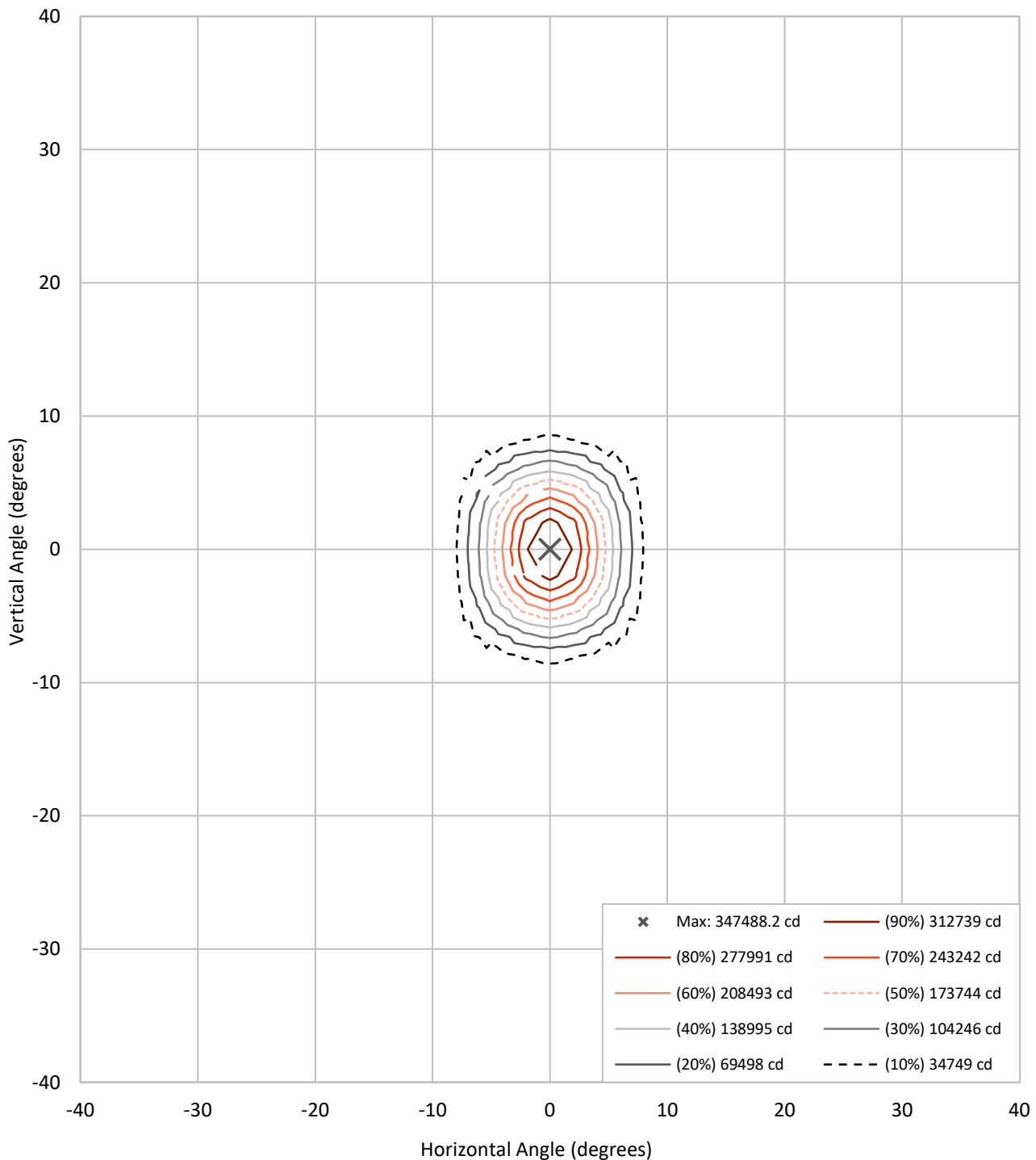
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	13531.9 lumens	Max Intensity:	347488.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	73.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	5800 lumens	Field Lumens:	9996.3 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 185
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





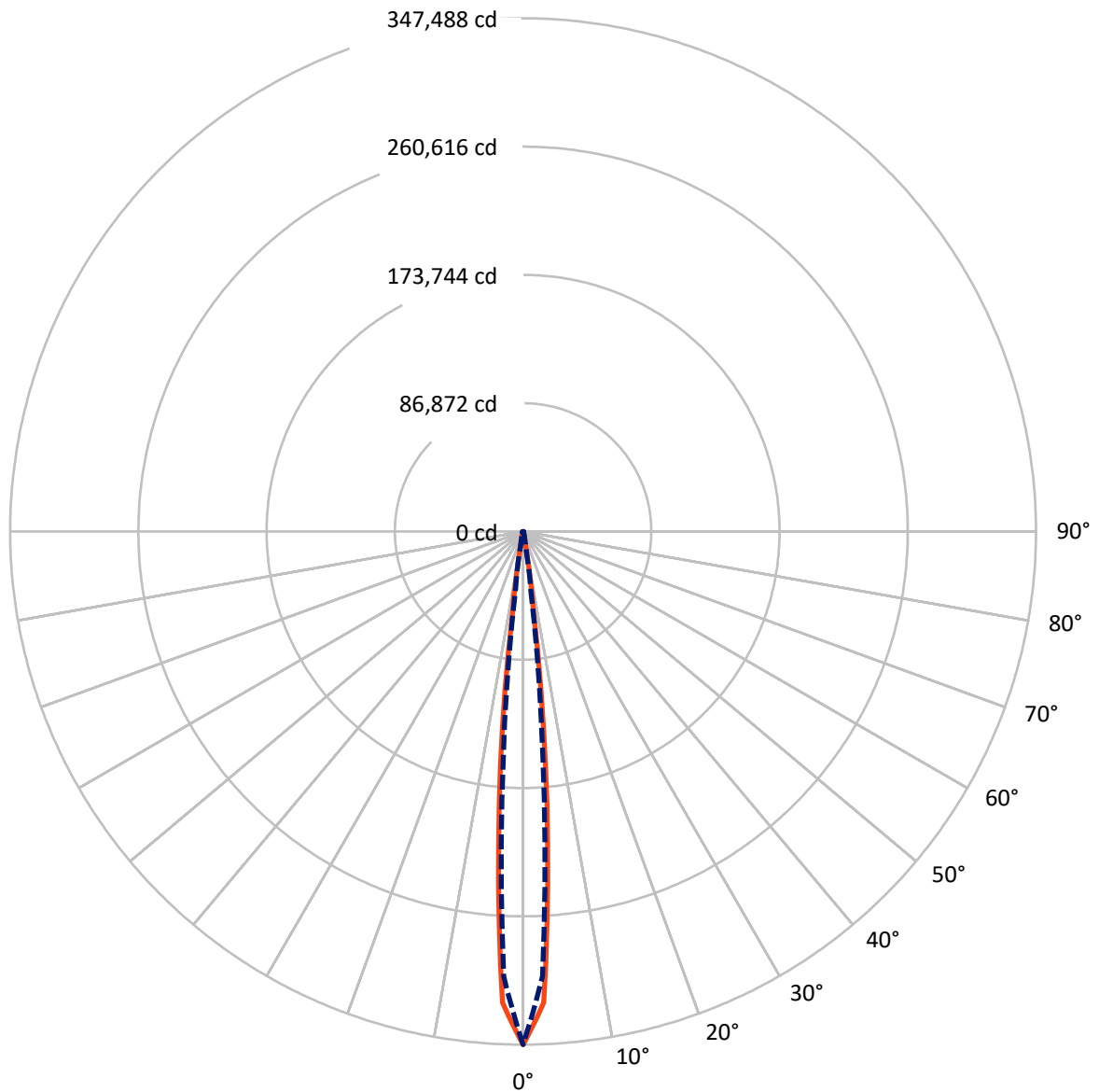
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Lumen Table

90	0.1	0.4		1.4		3.3		5.6		3.3		1.4		0.4		0.1			
80	0.1	0.4		1.4		3.3		5.6		3.3		1.4		0.4		0.1			
70	0.2	0.3	0.7	1.5	2.3	3.0	4.7	8.4	8.4	4.7	3.0	2.3	1.5	0.7	0.3	0.2			
60		0.5	1.3	2.8	4.4	6.0	8.1	10.9	10.9	8.1	6.0	4.4	2.8	1.3	0.5				
50	0.7	0.9	2.1	4.4	7.6	11.5	14.7	17.6	17.6	14.7	11.5	7.6	4.4	2.1	0.9	0.7			
40		1.5	3.0	6.6	11.9	16.0	18.1	19.2	19.2	18.1	16.0	11.9	6.6	3.0	1.5				
30	1.4	2.2	4.2	9.3	14.6	17.4	23.7	31.2	31.2	23.7	17.4	14.6	9.3	4.2	2.2	1.4			
20		3.0	5.8	11.8	16.1	22.9	46.5	92.9	92.9	46.5	22.9	16.1	11.8	5.8	3.0				
10	1.6	3.3	6.9	13.1	16.8	29.4	91.9	2718.8	2718.8	91.9	29.4	16.8	13.1	6.9	3.3	1.6			
0		3.3	6.9	13.1	16.8	29.4	91.9	2718.8	2718.8	91.9	29.4	16.8	13.1	6.9	3.3				
-10	1.4	3.0	5.8	11.8	16.1	22.9	46.5	92.9	92.9	46.5	22.9	16.1	11.8	5.8	3.0	1.4			
-20		2.2	4.2	9.3	14.6	17.4	23.7	31.2	31.2	23.7	17.4	14.6	9.3	4.2	2.2				
-30	0.7	1.5	3.0	6.6	11.9	16.0	18.1	19.2	19.2	18.1	16.0	11.9	6.6	3.0	1.5	0.7			
-40		0.9	2.1	4.4	7.6	11.5	14.7	17.6	17.6	14.7	11.5	7.6	4.4	2.1	0.9				
-50	0.2	0.5	1.3	2.8	4.4	6.0	8.1	10.9	10.9	8.1	6.0	4.4	2.8	1.3	0.5	0.2			
-60		0.3	0.7	1.5	2.3	3.0	4.7	8.4	8.4	4.7	3.0	2.3	1.5	0.7	0.3				
-70	0.1	0.4		1.4		3.3		5.6		3.3		1.4		0.4		0.1			
-80		0.4		1.4		3.3		5.6		3.3		1.4		0.4					
-90	0.1	0.4		1.4		3.3		5.6		3.3		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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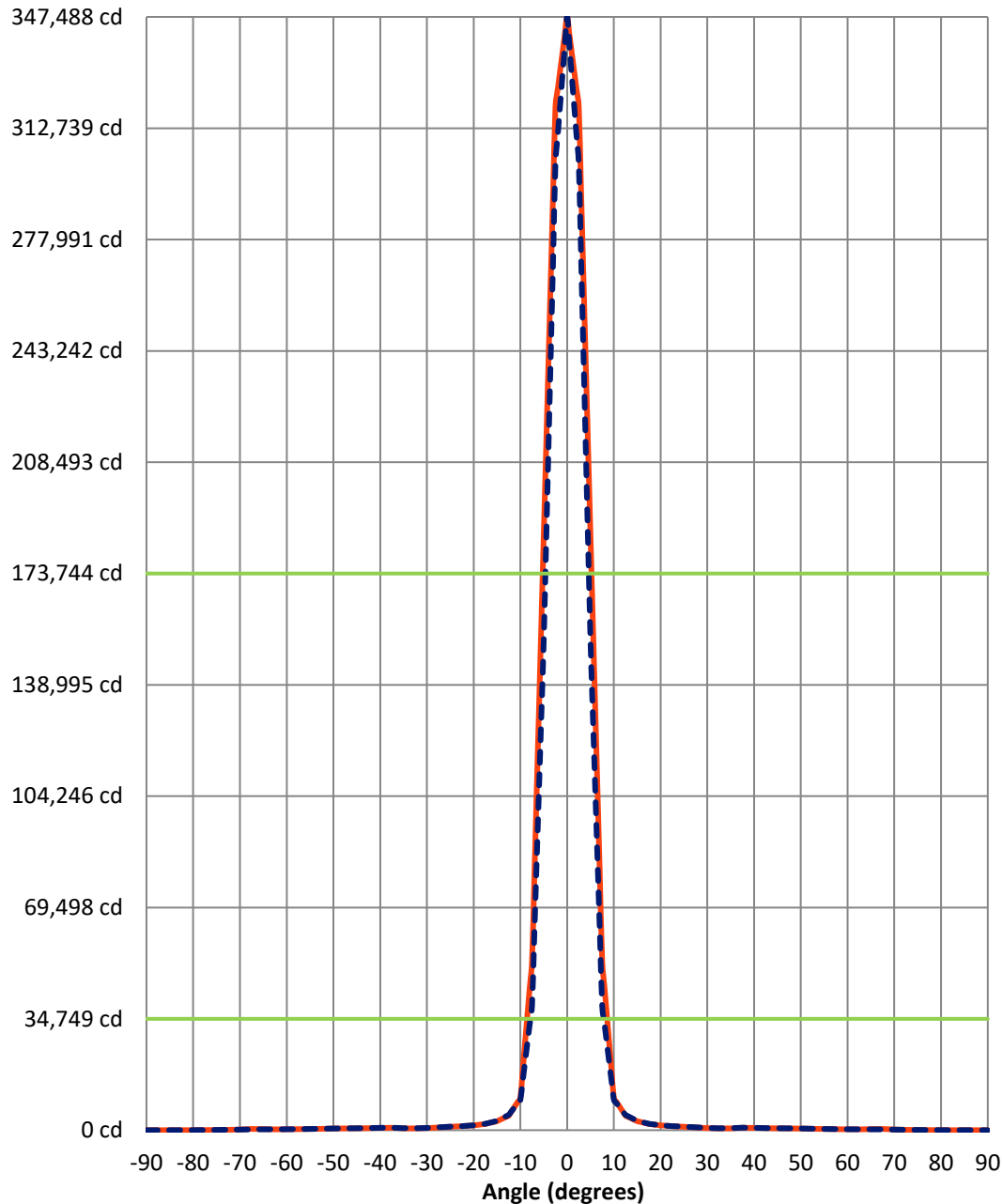
Luminous Intensity Polar Plot



— 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: 5800
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 9996.3
Efficiency: 73.9%

Spill:
Lumens: 3535.7
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	0.9	1.0	1.2	1.4	1.5	1.7
85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.0	4.0	4.0
80°	0.0	0.7	1.4	2.1	2.8	3.4	4.0	4.0	4.0	4.0	4.0
77.5°	0.0	0.9	1.7	2.6	3.4	4.0	4.0	4.0	4.0	4.0	4.4
75°	0.0	1.0	2.1	3.1	4.0	4.0	4.0	4.0	4.2	5.2	6.1
72.5°	0.0	1.2	2.4	3.6	4.0	4.0	4.0	4.4	5.8	7.0	7.8
70°	0.0	1.4	2.7	4.0	4.0	4.0	4.2	6.0	7.5	8.7	10.8
67.5°	0.0	1.5	3.1	4.0	4.0	4.0	5.7	7.6	9.3	11.9	14.2
65°	0.0	1.7	3.4	4.0	4.0	4.7	7.2	9.3	12.2	15.1	18.1
62.5°	0.0	1.8	3.7	4.0	4.0	6.0	8.6	11.7	15.2	18.7	23.3
60°	0.0	2.0	4.0	4.0	4.0	7.3	10.1	14.4	18.2	23.7	28.5
57.5°	0.0	2.1	4.0	4.0	5.0	8.6	12.7	17.1	22.5	28.6	34.5
55°	0.0	2.3	4.1	4.0	6.1	9.8	15.4	20.0	27.1	33.9	40.9
52.5°	0.0	2.4	4.1	4.0	7.1	11.3	18.2	24.5	31.8	40.0	47.4
50°	0.0	2.6	4.1	4.0	8.1	13.8	21.0	29.2	36.7	46.2	55.3
47.5°	0.0	2.7	4.2	4.2	9.2	16.3	24.2	34.1	42.4	52.5	63.7
45°	0.0	2.8	4.2	4.9	10.1	18.8	28.6	39.2	49.1	60.4	72.3
42.5°	0.0	2.9	4.3	5.6	11.1	21.3	33.1	45.0	56.2	68.4	82.5
40°	0.0	3.1	4.4	6.4	12.6	23.8	37.6	51.4	64.0	76.8	93.3
37.5°	0.0	3.2	4.4	7.0	14.5	26.3	42.2	57.9	72.8	87.4	104.5
35°	0.0	3.3	4.5	7.6	16.4	29.6	46.8	64.5	81.8	99.6	115.3
32.5°	0.0	3.4	4.6	8.1	18.3	33.2	51.6	71.2	90.8	112.3	128.9
30°	0.0	3.5	4.7	8.6	20.1	36.8	57.0	78.1	99.9	125.5	144.2
27.5°	0.0	3.5	4.8	9.0	21.2	40.2	62.3	85.6	109.7	139.0	161.1
25°	0.0	3.6	4.9	9.3	22.1	43.6	67.6	92.9	120.8	153.0	179.2
22.5°	0.0	3.7	5.0	9.6	22.8	46.3	72.8	100.2	131.9	167.9	194.7
20°	0.0	3.8	5.1	9.8	23.3	47.3	77.8	107.3	142.9	183.3	209.8
17.5°	0.0	3.8	5.2	10.0	23.7	47.9	80.4	114.1	153.8	199.1	224.7
15°	0.0	3.9	5.3	10.1	23.8	48.1	81.4	119.1	164.4	215.2	239.4
12.5°	0.0	3.9	5.4	10.2	23.8	48.1	81.9	121.6	171.2	231.2	253.7
10°	0.0	3.9	5.5	10.2	23.7	47.7	82.2	123.9	174.7	237.4	263.8
7.5°	0.0	4.0	5.6	10.2	23.3	47.0	82.0	125.8	177.2	241.0	265.6
5°	0.0	4.0	5.7	10.1	22.9	46.1	81.4	127.2	179.0	243.6	267.0
2.5°	0.0	4.0	5.8	10.0	22.4	44.9	80.5	128.2	179.9	244.9	268.1
0°	0.0	4.0	5.9	9.9	21.7	43.5	79.1	128.5	179.9	245.1	268.8
-2.5°	0.0	4.0	5.8	10.0	22.4	44.9	80.5	128.2	179.9	244.9	268.1
-5°	0.0	4.0	5.7	10.1	22.9	46.1	81.4	127.2	179.0	243.6	267.0
-7.5°	0.0	4.0	5.6	10.2	23.3	47.0	82.0	125.8	177.2	241.0	265.6
-10°	0.0	3.9	5.5	10.2	23.7	47.7	82.2	123.9	174.7	237.4	263.8
-12.5°	0.0	3.9	5.4	10.2	23.8	48.1	81.9	121.6	171.2	231.2	253.7
-15°	0.0	3.9	5.3	10.1	23.8	48.1	81.4	119.1	164.4	215.2	239.4
-17.5°	0.0	3.8	5.2	10.0	23.7	47.9	80.4	114.1	153.8	199.1	224.7
-20°	0.0	3.8	5.1	9.8	23.3	47.3	77.8	107.3	142.9	183.3	209.8



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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	3.7	5.0	9.6	22.8	46.3	72.8	100.2	131.9	167.9	194.7
-25°	0.0	3.6	4.9	9.3	22.1	43.6	67.6	92.9	120.8	153.0	179.2
-27.5°	0.0	3.5	4.8	9.0	21.2	40.2	62.3	85.6	109.7	139.0	161.1
-30°	0.0	3.5	4.7	8.6	20.1	36.8	57.0	78.1	99.9	125.5	144.2
-32.5°	0.0	3.4	4.6	8.1	18.3	33.2	51.6	71.2	90.8	112.3	128.9
-35°	0.0	3.3	4.5	7.6	16.4	29.6	46.8	64.5	81.8	99.6	115.3
-37.5°	0.0	3.2	4.4	7.0	14.5	26.3	42.2	57.9	72.8	87.4	104.5
-40°	0.0	3.1	4.4	6.4	12.6	23.8	37.6	51.4	64.0	76.8	93.3
-42.5°	0.0	2.9	4.3	5.6	11.1	21.3	33.1	45.0	56.2	68.4	82.5
-45°	0.0	2.8	4.2	4.9	10.1	18.8	28.6	39.2	49.1	60.4	72.3
-47.5°	0.0	2.7	4.2	4.2	9.2	16.3	24.2	34.1	42.4	52.5	63.7
-50°	0.0	2.6	4.1	4.0	8.1	13.8	21.0	29.2	36.7	46.2	55.3
-52.5°	0.0	2.4	4.1	4.0	7.1	11.3	18.2	24.5	31.8	40.0	47.4
-55°	0.0	2.3	4.1	4.0	6.1	9.8	15.4	20.0	27.1	33.9	40.9
-57.5°	0.0	2.1	4.0	4.0	5.0	8.6	12.7	17.1	22.5	28.6	34.5
-60°	0.0	2.0	4.0	4.0	4.0	7.3	10.1	14.4	18.2	23.7	28.5
-62.5°	0.0	1.8	3.7	4.0	4.0	6.0	8.6	11.7	15.2	18.7	23.3
-65°	0.0	1.7	3.4	4.0	4.0	4.7	7.2	9.3	12.2	15.1	18.1
-67.5°	0.0	1.5	3.1	4.0	4.0	4.0	5.7	7.6	9.3	11.9	14.2
-70°	0.0	1.4	2.7	4.0	4.0	4.0	4.2	6.0	7.5	8.7	10.8
-72.5°	0.0	1.2	2.4	3.6	4.0	4.0	4.0	4.4	5.8	7.0	7.8
-75°	0.0	1.0	2.1	3.1	4.0	4.0	4.0	4.0	4.2	5.2	6.1
-77.5°	0.0	0.9	1.7	2.6	3.4	4.0	4.0	4.0	4.0	4.0	4.4
-80°	0.0	0.7	1.4	2.1	2.8	3.4	4.0	4.0	4.0	4.0	4.0
-82.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.0	4.0	4.0
-85°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-87.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-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°	1.6	1.5	1.3	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	3.2	3.0	2.6	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
82.5°	3.7	3.5	3.4	3.4	3.6	3.9	4.1	4.5	4.8	5.2	5.5
80°	3.9	4.0	4.6	5.1	5.7	6.2	6.7	7.2	7.7	8.4	9.5
77.5°	5.1	5.9	6.6	7.3	8.2	9.7	11.0	12.1	13.5	15.1	16.7
75°	6.9	7.8	9.7	11.9	13.9	15.5	16.9	19.0	21.7	24.6	27.3
72.5°	9.5	11.9	14.5	17.3	20.6	23.4	26.1	28.7	33.0	37.6	41.1
70°	13.0	16.0	20.1	24.6	28.8	32.5	37.9	44.4	50.9	54.2	56.1
67.5°	16.8	21.6	26.6	31.9	37.8	44.0	51.5	58.4	65.0	67.7	70.2
65°	21.8	27.2	33.3	39.9	46.7	54.2	61.8	69.6	76.5	80.1	84.1
62.5°	27.0	33.4	40.4	47.8	55.4	63.4	72.7	80.5	86.4	93.6	101.9
60°	33.1	39.5	47.5	55.7	64.5	75.6	84.9	93.6	101.6	109.7	122.2
57.5°	39.6	45.8	54.7	64.4	76.4	89.1	99.6	109.0	120.1	131.7	144.4
55°	46.7	52.2	62.3	74.3	88.0	103.1	115.5	128.4	141.2	151.5	162.8
52.5°	54.8	59.8	70.4	84.2	100.1	117.1	133.6	147.0	158.9	170.2	183.0
50°	63.2	69.7	78.3	94.8	112.5	131.8	150.5	164.0	177.4	190.8	205.1
47.5°	73.1	80.3	87.5	105.4	125.4	145.1	164.5	181.8	196.7	214.5	230.9
45°	83.9	92.3	100.0	116.6	137.2	157.3	178.8	199.6	220.5	241.5	267.8
42.5°	95.3	104.4	114.3	127.2	147.8	170.0	193.0	220.6	247.2	276.5	310.7
40°	106.3	116.5	128.3	139.9	158.2	182.9	211.0	242.0	279.5	317.3	358.7
37.5°	117.1	128.8	141.5	153.6	169.7	197.5	228.5	268.1	313.2	361.0	413.7
35°	127.7	140.7	153.6	167.8	185.9	213.0	251.2	296.0	350.2	410.6	458.8
32.5°	138.1	152.0	165.2	182.3	204.6	232.3	273.1	329.5	392.0	453.3	485.5
30°	151.0	162.3	176.6	195.9	222.9	258.2	302.4	363.2	434.2	476.1	506.0
27.5°	168.4	172.4	188.6	211.2	241.6	283.6	338.5	401.7	460.5	497.2	524.0
25°	185.4	189.6	199.8	226.6	264.2	313.6	375.3	447.3	482.2	513.3	544.3
22.5°	201.7	206.1	219.0	241.2	285.9	344.2	415.9	478.9	512.2	532.0	565.6
20°	217.0	223.9	239.7	265.4	308.3	373.1	455.2	508.2	539.9	563.6	594.7
17.5°	231.8	241.2	260.6	291.8	339.7	405.7	491.0	537.4	568.3	591.3	629.7
15°	246.1	258.1	280.8	316.6	369.0	440.4	514.9	561.3	594.6	617.2	662.1
12.5°	260.0	274.5	300.0	339.6	395.4	470.8	535.2	576.8	610.0	644.5	690.8
10°	273.4	290.5	318.3	360.9	419.0	497.0	552.1	589.2	622.4	666.3	714.6
7.5°	275.4	298.5	333.3	380.5	439.9	519.2	566.1	599.0	634.9	686.2	736.2
5°	275.5	297.9	334.5	385.7	449.9	532.3	575.8	606.3	647.0	704.0	755.4
2.5°	275.2	296.5	334.8	387.4	452.4	533.6	577.3	608.2	653.9	721.4	773.1
0°	274.8	294.5	334.1	387.5	452.7	531.8	577.2	608.9	658.3	737.3	788.7
-2.5°	275.2	296.5	334.8	387.4	452.4	533.6	577.3	608.2	653.9	721.4	773.1
-5°	275.5	297.9	334.5	385.7	449.9	532.3	575.8	606.3	647.0	704.0	755.4
-7.5°	275.4	298.5	333.3	380.5	439.9	519.2	566.1	599.0	634.9	686.2	736.2
-10°	273.4	290.5	318.3	360.9	419.0	497.0	552.1	589.2	622.4	666.3	714.6
-12.5°	260.0	274.5	300.0	339.6	395.4	470.8	535.2	576.8	610.0	644.5	690.8
-15°	246.1	258.1	280.8	316.6	369.0	440.4	514.9	561.3	594.6	617.2	662.1
-17.5°	231.8	241.2	260.6	291.8	339.7	405.7	491.0	537.4	568.3	591.3	629.7
-20°	217.0	223.9	239.7	265.4	308.3	373.1	455.2	508.2	539.9	563.6	594.7



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	201.7	206.1	219.0	241.2	285.9	344.2	415.9	478.9	512.2	532.0	565.6
-25°	185.4	189.6	199.8	226.6	264.2	313.6	375.3	447.3	482.2	513.3	544.3
-27.5°	168.4	172.4	188.6	211.2	241.6	283.6	338.5	401.7	460.5	497.2	524.0
-30°	151.0	162.3	176.6	195.9	222.9	258.2	302.4	363.2	434.2	476.1	506.0
-32.5°	138.1	152.0	165.2	182.3	204.6	232.3	273.1	329.5	392.0	453.3	485.5
-35°	127.7	140.7	153.6	167.8	185.9	213.0	251.2	296.0	350.2	410.6	458.8
-37.5°	117.1	128.8	141.5	153.6	169.7	197.5	228.5	268.1	313.2	361.0	413.7
-40°	106.3	116.5	128.3	139.9	158.2	182.9	211.0	242.0	279.5	317.3	358.7
-42.5°	95.3	104.4	114.3	127.2	147.8	170.0	193.0	220.6	247.2	276.5	310.7
-45°	83.9	92.3	100.0	116.6	137.2	157.3	178.8	199.6	220.5	241.5	267.8
-47.5°	73.1	80.3	87.5	105.4	125.4	145.1	164.5	181.8	196.7	214.5	230.9
-50°	63.2	69.7	78.3	94.8	112.5	131.8	150.5	164.0	177.4	190.8	205.1
-52.5°	54.8	59.8	70.4	84.2	100.1	117.1	133.6	147.0	158.9	170.2	183.0
-55°	46.7	52.2	62.3	74.3	88.0	103.1	115.5	128.4	141.2	151.5	162.8
-57.5°	39.6	45.8	54.7	64.4	76.4	89.1	99.6	109.0	120.1	131.7	144.4
-60°	33.1	39.5	47.5	55.7	64.5	75.6	84.9	93.6	101.6	109.7	122.2
-62.5°	27.0	33.4	40.4	47.8	55.4	63.4	72.7	80.5	86.4	93.6	101.9
-65°	21.8	27.2	33.3	39.9	46.7	54.2	61.8	69.6	76.5	80.1	84.1
-67.5°	16.8	21.6	26.6	31.9	37.8	44.0	51.5	58.4	65.0	67.7	70.2
-70°	13.0	16.0	20.1	24.6	28.8	32.5	37.9	44.4	50.9	54.2	56.1
-72.5°	9.5	11.9	14.5	17.3	20.6	23.4	26.1	28.7	33.0	37.6	41.1
-75°	6.9	7.8	9.7	11.9	13.9	15.5	16.9	19.0	21.7	24.6	27.3
-77.5°	5.1	5.9	6.6	7.3	8.2	9.7	11.0	12.1	13.5	15.1	16.7
-80°	3.9	4.0	4.6	5.1	5.7	6.2	6.7	7.2	7.7	8.4	9.5
-82.5°	3.7	3.5	3.4	3.4	3.6	3.9	4.1	4.5	4.8	5.2	5.5
-85°	3.2	3.0	2.6	2.3	2.4	2.6	2.7	2.8	2.9	3.1	3.2
-87.5°	1.6	1.5	1.3	1.1	1.2	1.3	1.4	1.4	1.5	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



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
82.5°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.5	7.6	7.7
80°	10.6	11.4	12.0	12.5	12.9	14.3	16.0	17.8	19.7	20.4	20.9
77.5°	18.8	20.2	21.1	21.7	22.2	25.3	29.2	33.4	37.6	39.9	41.7
75°	30.0	31.6	32.7	33.5	34.0	38.7	45.7	53.0	60.7	64.6	67.5
72.5°	43.4	44.7	45.8	46.7	47.3	54.3	67.0	80.7	95.4	104.3	110.8
70°	57.8	59.3	60.6	61.7	62.5	70.9	89.3	108.5	128.3	148.2	169.3
67.5°	73.1	76.4	78.1	79.1	80.1	87.2	106.8	124.9	141.6	177.5	234.1
65°	89.8	97.4	100.5	102.3	103.0	106.3	123.0	138.1	151.7	179.7	222.9
62.5°	111.0	121.1	125.7	127.7	129.0	129.2	142.8	155.5	167.1	184.6	212.0
60°	133.9	144.8	150.5	152.0	153.0	153.5	164.3	176.9	188.5	202.7	228.3
57.5°	155.0	165.1	173.5	176.8	179.5	181.4	191.0	205.6	219.4	233.6	261.1
55°	174.9	187.2	198.9	205.4	211.5	216.8	226.2	244.8	262.5	279.2	307.7
52.5°	196.8	212.5	228.2	239.9	251.4	261.4	271.6	295.6	319.2	341.4	369.2
50°	222.8	242.3	265.1	284.3	300.7	316.9	331.5	359.9	391.9	422.2	451.4
47.5°	255.9	281.6	310.7	338.0	360.3	385.5	408.2	437.5	465.7	494.0	518.1
45°	296.4	332.0	365.5	401.8	433.7	450.3	463.5	481.8	510.8	538.5	561.1
42.5°	348.3	389.7	431.0	458.0	478.4	491.9	501.6	511.1	541.6	568.4	590.2
40°	406.0	447.6	473.0	495.1	509.4	521.4	536.4	551.3	575.2	602.7	627.0
37.5°	456.0	482.7	505.1	522.4	539.6	555.6	577.3	598.7	621.5	652.2	674.8
35°	486.8	510.3	533.0	554.8	576.7	601.3	628.4	659.9	687.8	662.4	625.8
32.5°	510.3	534.4	561.9	595.4	625.7	659.2	693.2	638.6	582.7	560.8	565.2
30°	530.7	558.7	596.6	640.4	682.5	667.4	592.8	566.7	574.4	589.8	619.3
27.5°	552.7	587.6	633.5	687.5	654.4	571.7	576.1	591.2	642.4	685.8	751.8
25°	578.6	620.7	677.8	652.8	577.1	584.9	623.2	681.0	778.5	869.5	949.1
22.5°	609.8	663.5	671.0	577.1	587.5	637.5	715.3	840.5	959.0	1068.9	1150.9
20°	641.6	703.4	608.3	588.5	632.4	721.9	866.3	1010.0	1142.2	1240.5	1322.7
17.5°	679.6	657.7	590.4	611.5	700.5	855.0	1017.5	1169.9	1294.5	1464.5	1609.2
15°	712.9	613.8	601.3	670.9	804.7	978.6	1155.1	1292.0	1517.3	1760.8	2007.2
12.5°	693.8	598.2	620.6	723.7	899.7	1087.6	1243.7	1460.3	1758.4	2114.1	2648.7
10°	665.5	607.0	661.9	796.7	981.0	1164.0	1326.2	1610.1	2003.5	2656.9	3498.7
7.5°	643.6	610.7	689.1	852.9	1041.3	1210.1	1426.3	1770.6	2319.0	3215.4	5007.7
5°	627.0	610.6	701.6	885.3	1077.2	1242.0	1488.0	1887.3	2628.1	3905.3	6967.9
2.5°	619.7	607.4	705.1	902.8	1094.7	1259.7	1526.5	1971.2	2823.3	4546.2	9162.5
0°	624.7	600.9	703.7	909.3	1105.0	1257.2	1532.0	1996.6	2882.2	4782.9	9457.0
-2.5°	619.7	607.4	705.1	902.8	1094.7	1259.7	1526.5	1971.2	2823.3	4546.2	9162.5
-5°	627.0	610.6	701.6	885.3	1077.2	1242.0	1488.0	1887.3	2628.1	3905.3	6967.9
-7.5°	643.6	610.7	689.1	852.9	1041.3	1210.1	1426.3	1770.6	2319.0	3215.4	5007.7
-10°	665.5	607.0	661.9	796.7	981.0	1164.0	1326.2	1610.1	2003.5	2656.9	3498.7
-12.5°	693.8	598.2	620.6	723.7	899.7	1087.6	1243.7	1460.3	1758.4	2114.1	2648.7
-15°	712.9	613.8	601.3	670.9	804.7	978.6	1155.1	1292.0	1517.3	1760.8	2007.2
-17.5°	679.6	657.7	590.4	611.5	700.5	855.0	1017.5	1169.9	1294.5	1464.5	1609.2
-20°	641.6	703.4	608.3	588.5	632.4	721.9	866.3	1010.0	1142.2	1240.5	1322.7



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	609.8	663.5	671.0	577.1	587.5	637.5	715.3	840.5	959.0	1068.9	1150.9
-25°	578.6	620.7	677.8	652.8	577.1	584.9	623.2	681.0	778.5	869.5	949.1
-27.5°	552.7	587.6	633.5	687.5	654.4	571.7	576.1	591.2	642.4	685.8	751.8
-30°	530.7	558.7	596.6	640.4	682.5	667.4	592.8	566.7	574.4	589.8	619.3
-32.5°	510.3	534.4	561.9	595.4	625.7	659.2	693.2	638.6	582.7	560.8	565.2
-35°	486.8	510.3	533.0	554.8	576.7	601.3	628.4	659.9	687.8	662.4	625.8
-37.5°	456.0	482.7	505.1	522.4	539.6	555.6	577.3	598.7	621.5	652.2	674.8
-40°	406.0	447.6	473.0	495.1	509.4	521.4	536.4	551.3	575.2	602.7	627.0
-42.5°	348.3	389.7	431.0	458.0	478.4	491.9	501.6	511.1	541.6	568.4	590.2
-45°	296.4	332.0	365.5	401.8	433.7	450.3	463.5	481.8	510.8	538.5	561.1
-47.5°	255.9	281.6	310.7	338.0	360.3	385.5	408.2	437.5	465.7	494.0	518.1
-50°	222.8	242.3	265.1	284.3	300.7	316.9	331.5	359.9	391.9	422.2	451.4
-52.5°	196.8	212.5	228.2	239.9	251.4	261.4	271.6	295.6	319.2	341.4	369.2
-55°	174.9	187.2	198.9	205.4	211.5	216.8	226.2	244.8	262.5	279.2	307.7
-57.5°	155.0	165.1	173.5	176.8	179.5	181.4	191.0	205.6	219.4	233.6	261.1
-60°	133.9	144.8	150.5	152.0	153.0	153.5	164.3	176.9	188.5	202.7	228.3
-62.5°	111.0	121.1	125.7	127.7	129.0	129.2	142.8	155.5	167.1	184.6	212.0
-65°	89.8	97.4	100.5	102.3	103.0	106.3	123.0	138.1	151.7	179.7	222.9
-67.5°	73.1	76.4	78.1	79.1	80.1	87.2	106.8	124.9	141.6	177.5	234.1
-70°	57.8	59.3	60.6	61.7	62.5	70.9	89.3	108.5	128.3	148.2	169.3
-72.5°	43.4	44.7	45.8	46.7	47.3	54.3	67.0	80.7	95.4	104.3	110.8
-75°	30.0	31.6	32.7	33.5	34.0	38.7	45.7	53.0	60.7	64.6	67.5
-77.5°	18.8	20.2	21.1	21.7	22.2	25.3	29.2	33.4	37.6	39.9	41.7
-80°	10.6	11.4	12.0	12.5	12.9	14.3	16.0	17.8	19.7	20.4	20.9
-82.5°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.5	7.6	7.7
-85°	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.9
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
82.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.4
80°	21.2	21.5	20.7	19.8	20.7	21.5	21.2	20.9	20.4	19.7	17.8
77.5°	43.4	45.0	43.4	41.5	43.4	45.0	43.4	41.7	39.9	37.6	33.4
75°	70.0	72.4	71.1	69.2	71.1	72.4	70.0	67.5	64.6	60.7	53.0
72.5°	117.0	122.7	121.3	118.6	121.3	122.7	117.0	110.8	104.3	95.4	80.7
70°	191.5	214.1	213.1	207.6	213.1	214.1	191.5	169.3	148.2	128.3	108.5
67.5°	295.4	359.1	379.3	389.4	379.3	359.1	295.4	234.1	177.5	141.6	124.9
65°	263.1	301.6	316.8	328.1	316.8	301.6	263.1	222.9	179.7	151.7	138.1
62.5°	236.6	259.4	264.4	264.9	264.4	259.4	236.6	212.0	184.6	167.1	155.5
60°	253.3	277.5	281.1	276.8	281.1	277.5	253.3	228.3	202.7	188.5	176.9
57.5°	287.6	313.0	317.7	312.3	317.7	313.0	287.6	261.1	233.6	219.4	205.6
55°	335.1	360.8	369.3	367.7	369.3	360.8	335.1	307.7	279.2	262.5	244.8
52.5°	395.7	419.4	429.2	429.0	429.2	419.4	395.7	369.2	341.4	319.2	295.6
50°	476.9	498.0	508.5	510.0	508.5	498.0	476.9	451.4	422.2	391.9	359.9
47.5°	535.4	549.3	556.6	557.5	556.6	549.3	535.4	518.1	494.0	465.7	437.5
45°	571.2	578.7	584.3	589.1	584.3	578.7	571.2	561.1	538.5	510.8	481.8
42.5°	604.9	620.5	631.9	634.5	631.9	620.5	604.9	590.2	568.4	541.6	511.1
40°	650.0	671.5	692.1	713.6	692.1	671.5	650.0	627.0	602.7	575.2	551.3
37.5°	698.2	722.1	742.0	753.2	742.0	722.1	698.2	674.8	652.2	621.5	598.7
35°	600.0	584.3	575.0	571.3	575.0	584.3	600.0	625.8	662.4	687.8	659.9
32.5°	567.9	569.0	567.1	563.4	567.1	569.0	567.9	565.2	560.8	582.7	638.6
30°	641.2	651.7	652.9	652.3	652.9	651.7	641.2	619.3	589.8	574.4	566.7
27.5°	800.6	827.3	835.5	852.0	835.5	827.3	800.6	751.8	685.8	642.4	591.2
25°	1010.6	1050.9	1070.2	1077.4	1070.2	1050.9	1010.6	949.1	869.5	778.5	681.0
22.5°	1197.3	1228.0	1246.0	1261.2	1246.0	1228.0	1197.3	1150.9	1068.9	959.0	840.5
20°	1418.5	1474.6	1500.4	1502.4	1500.4	1474.6	1418.5	1322.7	1240.5	1142.2	1010.0
17.5°	1763.9	1873.3	1927.8	1943.2	1927.8	1873.3	1763.9	1609.2	1464.5	1294.5	1169.9
15°	2308.8	2587.8	2731.3	2799.1	2731.3	2587.8	2308.8	2007.2	1760.8	1517.3	1292.0
12.5°	3197.6	3826.7	4335.4	4526.9	4335.4	3826.7	3197.6	2648.7	2114.1	1758.4	1460.3
10°	4958.8	6837.4	9032.1	10055.9	9032.1	6837.4	4958.8	3498.7	2656.9	2003.5	1610.1
7.5°	9593.2	22273.7	43170.0	53138.1	43170.0	22273.7	9593.2	5007.7	3215.4	2319.0	1770.6
5°	20448.2	88247.9	158040.9	185632.5	158040.9	88247.9	20448.2	6967.9	3905.3	2628.1	1887.3
2.5°	32569.5	144738.0	273097.4	319330.8	273097.4	144738.0	32569.5	9162.5	4546.2	2823.3	1971.2
0°	38914.1	152527.2	301356.8	347488.2	301356.8	152527.2	38914.1	9457.0	4782.9	2882.2	1996.6
-2.5°	32569.5	144738.0	273097.4	319330.8	273097.4	144738.0	32569.5	9162.5	4546.2	2823.3	1971.2
-5°	20448.2	88247.9	158040.9	185632.5	158040.9	88247.9	20448.2	6967.9	3905.3	2628.1	1887.3
-7.5°	9593.2	22273.7	43170.0	53138.1	43170.0	22273.7	9593.2	5007.7	3215.4	2319.0	1770.6
-10°	4958.8	6837.4	9032.1	10055.9	9032.1	6837.4	4958.8	3498.7	2656.9	2003.5	1610.1
-12.5°	3197.6	3826.7	4335.4	4526.9	4335.4	3826.7	3197.6	2648.7	2114.1	1758.4	1460.3
-15°	2308.8	2587.8	2731.3	2799.1	2731.3	2587.8	2308.8	2007.2	1760.8	1517.3	1292.0
-17.5°	1763.9	1873.3	1927.8	1943.2	1927.8	1873.3	1763.9	1609.2	1464.5	1294.5	1169.9
-20°	1418.5	1474.6	1500.4	1502.4	1500.4	1474.6	1418.5	1322.7	1240.5	1142.2	1010.0



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	1197.3	1228.0	1246.0	1261.2	1246.0	1228.0	1197.3	1150.9	1068.9	959.0	840.5
-25°	1010.6	1050.9	1070.2	1077.4	1070.2	1050.9	1010.6	949.1	869.5	778.5	681.0
-27.5°	800.6	827.3	835.5	852.0	835.5	827.3	800.6	751.8	685.8	642.4	591.2
-30°	641.2	651.7	652.9	652.3	652.9	651.7	641.2	619.3	589.8	574.4	566.7
-32.5°	567.9	569.0	567.1	563.4	567.1	569.0	567.9	565.2	560.8	582.7	638.6
-35°	600.0	584.3	575.0	571.3	575.0	584.3	600.0	625.8	662.4	687.8	659.9
-37.5°	698.2	722.1	742.0	753.2	742.0	722.1	698.2	674.8	652.2	621.5	598.7
-40°	650.0	671.5	692.1	713.6	692.1	671.5	650.0	627.0	602.7	575.2	551.3
-42.5°	604.9	620.5	631.9	634.5	631.9	620.5	604.9	590.2	568.4	541.6	511.1
-45°	571.2	578.7	584.3	589.1	584.3	578.7	571.2	561.1	538.5	510.8	481.8
-47.5°	535.4	549.3	556.6	557.5	556.6	549.3	535.4	518.1	494.0	465.7	437.5
-50°	476.9	498.0	508.5	510.0	508.5	498.0	476.9	451.4	422.2	391.9	359.9
-52.5°	395.7	419.4	429.2	429.0	429.2	419.4	395.7	369.2	341.4	319.2	295.6
-55°	335.1	360.8	369.3	367.7	369.3	360.8	335.1	307.7	279.2	262.5	244.8
-57.5°	287.6	313.0	317.7	312.3	317.7	313.0	287.6	261.1	233.6	219.4	205.6
-60°	253.3	277.5	281.1	276.8	281.1	277.5	253.3	228.3	202.7	188.5	176.9
-62.5°	236.6	259.4	264.4	264.9	264.4	259.4	236.6	212.0	184.6	167.1	155.5
-65°	263.1	301.6	316.8	328.1	316.8	301.6	263.1	222.9	179.7	151.7	138.1
-67.5°	295.4	359.1	379.3	389.4	379.3	359.1	295.4	234.1	177.5	141.6	124.9
-70°	191.5	214.1	213.1	207.6	213.1	214.1	191.5	169.3	148.2	128.3	108.5
-72.5°	117.0	122.7	121.3	118.6	121.3	122.7	117.0	110.8	104.3	95.4	80.7
-75°	70.0	72.4	71.1	69.2	71.1	72.4	70.0	67.5	64.6	60.7	53.0
-77.5°	43.4	45.0	43.4	41.5	43.4	45.0	43.4	41.7	39.9	37.6	33.4
-80°	21.2	21.5	20.7	19.8	20.7	21.5	21.2	20.9	20.4	19.7	17.8
-82.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.7	7.6	7.5	7.4
-85°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	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: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
82.5°	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.5	5.2	4.8	4.5
80°	16.0	14.3	12.9	12.5	12.0	11.4	10.6	9.5	8.4	7.7	7.2
77.5°	29.2	25.3	22.2	21.7	21.1	20.2	18.8	16.7	15.1	13.5	12.1
75°	45.7	38.7	34.0	33.5	32.7	31.6	30.0	27.3	24.6	21.7	19.0
72.5°	67.0	54.3	47.3	46.7	45.8	44.7	43.4	41.1	37.6	33.0	28.7
70°	89.3	70.9	62.5	61.7	60.6	59.3	57.8	56.1	54.2	50.9	44.4
67.5°	106.8	87.2	80.1	79.1	78.1	76.4	73.1	70.2	67.7	65.0	58.4
65°	123.0	106.3	103.0	102.3	100.5	97.4	89.8	84.1	80.1	76.5	69.6
62.5°	142.8	129.2	129.0	127.7	125.7	121.1	111.0	101.9	93.6	86.4	80.5
60°	164.3	153.5	153.0	152.0	150.5	144.8	133.9	122.2	109.7	101.6	93.6
57.5°	191.0	181.4	179.5	176.8	173.5	165.1	155.0	144.4	131.7	120.1	109.0
55°	226.2	216.8	211.5	205.4	198.9	187.2	174.9	162.8	151.5	141.2	128.4
52.5°	271.6	261.4	251.4	239.9	228.2	212.5	196.8	183.0	170.2	158.9	147.0
50°	331.5	316.9	300.7	284.3	265.1	242.3	222.8	205.1	190.8	177.4	164.0
47.5°	408.2	385.5	360.3	338.0	310.7	281.6	255.9	230.9	214.5	196.7	181.8
45°	463.5	450.3	433.7	401.8	365.5	332.0	296.4	267.8	241.5	220.5	199.6
42.5°	501.6	491.9	478.4	458.0	431.0	389.7	348.3	310.7	276.5	247.2	220.6
40°	536.4	521.4	509.4	495.1	473.0	447.6	406.0	358.7	317.3	279.5	242.0
37.5°	577.3	555.6	539.6	522.4	505.1	482.7	456.0	413.7	361.0	313.2	268.1
35°	628.4	601.3	576.7	554.8	533.0	510.3	486.8	458.8	410.6	350.2	296.0
32.5°	693.2	659.2	625.7	595.4	561.9	534.4	510.3	485.5	453.3	392.0	329.5
30°	592.8	667.4	682.5	640.4	596.6	558.7	530.7	506.0	476.1	434.2	363.2
27.5°	576.1	571.7	654.4	687.5	633.5	587.6	552.7	524.0	497.2	460.5	401.7
25°	623.2	584.9	577.1	652.8	677.8	620.7	578.6	544.3	513.3	482.2	447.3
22.5°	715.3	637.5	587.5	577.1	671.0	663.5	609.8	565.6	532.0	512.2	478.9
20°	866.3	721.9	632.4	588.5	608.3	703.4	641.6	594.7	563.6	539.9	508.2
17.5°	1017.5	855.0	700.5	611.5	590.4	657.7	679.6	629.7	591.3	568.3	537.4
15°	1155.1	978.6	804.7	670.9	601.3	613.8	712.9	662.1	617.2	594.6	561.3
12.5°	1243.7	1087.6	899.7	723.7	620.6	598.2	693.8	690.8	644.5	610.0	576.8
10°	1326.2	1164.0	981.0	796.7	661.9	607.0	665.5	714.6	666.3	622.4	589.2
7.5°	1426.3	1210.1	1041.3	852.9	689.1	610.7	643.6	736.2	686.2	634.9	599.0
5°	1488.0	1242.0	1077.2	885.3	701.6	610.6	627.0	755.4	704.0	647.0	606.3
2.5°	1526.5	1259.7	1094.7	902.8	705.1	607.4	619.7	773.1	721.4	653.9	608.2
0°	1532.0	1257.2	1105.0	909.3	703.7	600.9	624.7	788.7	737.3	658.3	608.9
-2.5°	1526.5	1259.7	1094.7	902.8	705.1	607.4	619.7	773.1	721.4	653.9	608.2
-5°	1488.0	1242.0	1077.2	885.3	701.6	610.6	627.0	755.4	704.0	647.0	606.3
-7.5°	1426.3	1210.1	1041.3	852.9	689.1	610.7	643.6	736.2	686.2	634.9	599.0
-10°	1326.2	1164.0	981.0	796.7	661.9	607.0	665.5	714.6	666.3	622.4	589.2
-12.5°	1243.7	1087.6	899.7	723.7	620.6	598.2	693.8	690.8	644.5	610.0	576.8
-15°	1155.1	978.6	804.7	670.9	601.3	613.8	712.9	662.1	617.2	594.6	561.3
-17.5°	1017.5	855.0	700.5	611.5	590.4	657.7	679.6	629.7	591.3	568.3	537.4
-20°	866.3	721.9	632.4	588.5	608.3	703.4	641.6	594.7	563.6	539.9	508.2



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	715.3	637.5	587.5	577.1	671.0	663.5	609.8	565.6	532.0	512.2	478.9
-25°	623.2	584.9	577.1	652.8	677.8	620.7	578.6	544.3	513.3	482.2	447.3
-27.5°	576.1	571.7	654.4	687.5	633.5	587.6	552.7	524.0	497.2	460.5	401.7
-30°	592.8	667.4	682.5	640.4	596.6	558.7	530.7	506.0	476.1	434.2	363.2
-32.5°	693.2	659.2	625.7	595.4	561.9	534.4	510.3	485.5	453.3	392.0	329.5
-35°	628.4	601.3	576.7	554.8	533.0	510.3	486.8	458.8	410.6	350.2	296.0
-37.5°	577.3	555.6	539.6	522.4	505.1	482.7	456.0	413.7	361.0	313.2	268.1
-40°	536.4	521.4	509.4	495.1	473.0	447.6	406.0	358.7	317.3	279.5	242.0
-42.5°	501.6	491.9	478.4	458.0	431.0	389.7	348.3	310.7	276.5	247.2	220.6
-45°	463.5	450.3	433.7	401.8	365.5	332.0	296.4	267.8	241.5	220.5	199.6
-47.5°	408.2	385.5	360.3	338.0	310.7	281.6	255.9	230.9	214.5	196.7	181.8
-50°	331.5	316.9	300.7	284.3	265.1	242.3	222.8	205.1	190.8	177.4	164.0
-52.5°	271.6	261.4	251.4	239.9	228.2	212.5	196.8	183.0	170.2	158.9	147.0
-55°	226.2	216.8	211.5	205.4	198.9	187.2	174.9	162.8	151.5	141.2	128.4
-57.5°	191.0	181.4	179.5	176.8	173.5	165.1	155.0	144.4	131.7	120.1	109.0
-60°	164.3	153.5	153.0	152.0	150.5	144.8	133.9	122.2	109.7	101.6	93.6
-62.5°	142.8	129.2	129.0	127.7	125.7	121.1	111.0	101.9	93.6	86.4	80.5
-65°	123.0	106.3	103.0	102.3	100.5	97.4	89.8	84.1	80.1	76.5	69.6
-67.5°	106.8	87.2	80.1	79.1	78.1	76.4	73.1	70.2	67.7	65.0	58.4
-70°	89.3	70.9	62.5	61.7	60.6	59.3	57.8	56.1	54.2	50.9	44.4
-72.5°	67.0	54.3	47.3	46.7	45.8	44.7	43.4	41.1	37.6	33.0	28.7
-75°	45.7	38.7	34.0	33.5	32.7	31.6	30.0	27.3	24.6	21.7	19.0
-77.5°	29.2	25.3	22.2	21.7	21.1	20.2	18.8	16.7	15.1	13.5	12.1
-80°	16.0	14.3	12.9	12.5	12.0	11.4	10.6	9.5	8.4	7.7	7.2
-82.5°	7.2	7.0	6.8	6.6	6.3	6.1	5.8	5.5	5.2	4.8	4.5
-85°	3.8	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1	2.9	2.8
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	1.4	1.3	1.2	1.1	1.3	1.5	1.6	1.7	1.5	1.4	1.2
85°	2.7	2.6	2.4	2.3	2.6	3.0	3.2	3.4	3.1	2.7	2.4
82.5°	4.1	3.9	3.6	3.4	3.4	3.5	3.7	4.0	4.0	4.0	3.6
80°	6.7	6.2	5.7	5.1	4.6	4.0	3.9	4.0	4.0	4.0	4.0
77.5°	11.0	9.7	8.2	7.3	6.6	5.9	5.1	4.4	4.0	4.0	4.0
75°	16.9	15.5	13.9	11.9	9.7	7.8	6.9	6.1	5.2	4.2	4.0
72.5°	26.1	23.4	20.6	17.3	14.5	11.9	9.5	7.8	7.0	5.8	4.4
70°	37.9	32.5	28.8	24.6	20.1	16.0	13.0	10.8	8.7	7.5	6.0
67.5°	51.5	44.0	37.8	31.9	26.6	21.6	16.8	14.2	11.9	9.3	7.6
65°	61.8	54.2	46.7	39.9	33.3	27.2	21.8	18.1	15.1	12.2	9.3
62.5°	72.7	63.4	55.4	47.8	40.4	33.4	27.0	23.3	18.7	15.2	11.7
60°	84.9	75.6	64.5	55.7	47.5	39.5	33.1	28.5	23.7	18.2	14.4
57.5°	99.6	89.1	76.4	64.4	54.7	45.8	39.6	34.5	28.6	22.5	17.1
55°	115.5	103.1	88.0	74.3	62.3	52.2	46.7	40.9	33.9	27.1	20.0
52.5°	133.6	117.1	100.1	84.2	70.4	59.8	54.8	47.4	40.0	31.8	24.5
50°	150.5	131.8	112.5	94.8	78.3	69.7	63.2	55.3	46.2	36.7	29.2
47.5°	164.5	145.1	125.4	105.4	87.5	80.3	73.1	63.7	52.5	42.4	34.1
45°	178.8	157.3	137.2	116.6	100.0	92.3	83.9	72.3	60.4	49.1	39.2
42.5°	193.0	170.0	147.8	127.2	114.3	104.4	95.3	82.5	68.4	56.2	45.0
40°	211.0	182.9	158.2	139.9	128.3	116.5	106.3	93.3	76.8	64.0	51.4
37.5°	228.5	197.5	169.7	153.6	141.5	128.8	117.1	104.5	87.4	72.8	57.9
35°	251.2	213.0	185.9	167.8	153.6	140.7	127.7	115.3	99.6	81.8	64.5
32.5°	273.1	232.3	204.6	182.3	165.2	152.0	138.1	128.9	112.3	90.8	71.2
30°	302.4	258.2	222.9	195.9	176.6	162.3	151.0	144.2	125.5	99.9	78.1
27.5°	338.5	283.6	241.6	211.2	188.6	172.4	168.4	161.1	139.0	109.7	85.6
25°	375.3	313.6	264.2	226.6	199.8	189.6	185.4	179.2	153.0	120.8	92.9
22.5°	415.9	344.2	285.9	241.2	219.0	206.1	201.7	194.7	167.9	131.9	100.2
20°	455.2	373.1	308.3	265.4	239.7	223.9	217.0	209.8	183.3	142.9	107.3
17.5°	491.0	405.7	339.7	291.8	260.6	241.2	231.8	224.7	199.1	153.8	114.1
15°	514.9	440.4	369.0	316.6	280.8	258.1	246.1	239.4	215.2	164.4	119.1
12.5°	535.2	470.8	395.4	339.6	300.0	274.5	260.0	253.7	231.2	171.2	121.6
10°	552.1	497.0	419.0	360.9	318.3	290.5	273.4	263.8	237.4	174.7	123.9
7.5°	566.1	519.2	439.9	380.5	333.3	298.5	275.4	265.6	241.0	177.2	125.8
5°	575.8	532.3	449.9	385.7	334.5	297.9	275.5	267.0	243.6	179.0	127.2
2.5°	577.3	533.6	452.4	387.4	334.8	296.5	275.2	268.1	244.9	179.9	128.2
0°	577.2	531.8	452.7	387.5	334.1	294.5	274.8	268.8	245.1	179.9	128.5
-2.5°	577.3	533.6	452.4	387.4	334.8	296.5	275.2	268.1	244.9	179.9	128.2
-5°	575.8	532.3	449.9	385.7	334.5	297.9	275.5	267.0	243.6	179.0	127.2
-7.5°	566.1	519.2	439.9	380.5	333.3	298.5	275.4	265.6	241.0	177.2	125.8
-10°	552.1	497.0	419.0	360.9	318.3	290.5	273.4	263.8	237.4	174.7	123.9
-12.5°	535.2	470.8	395.4	339.6	300.0	274.5	260.0	253.7	231.2	171.2	121.6
-15°	514.9	440.4	369.0	316.6	280.8	258.1	246.1	239.4	215.2	164.4	119.1
-17.5°	491.0	405.7	339.7	291.8	260.6	241.2	231.8	224.7	199.1	153.8	114.1
-20°	455.2	373.1	308.3	265.4	239.7	223.9	217.0	209.8	183.3	142.9	107.3



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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°	415.9	344.2	285.9	241.2	219.0	206.1	201.7	194.7	167.9	131.9	100.2
-25°	375.3	313.6	264.2	226.6	199.8	189.6	185.4	179.2	153.0	120.8	92.9
-27.5°	338.5	283.6	241.6	211.2	188.6	172.4	168.4	161.1	139.0	109.7	85.6
-30°	302.4	258.2	222.9	195.9	176.6	162.3	151.0	144.2	125.5	99.9	78.1
-32.5°	273.1	232.3	204.6	182.3	165.2	152.0	138.1	128.9	112.3	90.8	71.2
-35°	251.2	213.0	185.9	167.8	153.6	140.7	127.7	115.3	99.6	81.8	64.5
-37.5°	228.5	197.5	169.7	153.6	141.5	128.8	117.1	104.5	87.4	72.8	57.9
-40°	211.0	182.9	158.2	139.9	128.3	116.5	106.3	93.3	76.8	64.0	51.4
-42.5°	193.0	170.0	147.8	127.2	114.3	104.4	95.3	82.5	68.4	56.2	45.0
-45°	178.8	157.3	137.2	116.6	100.0	92.3	83.9	72.3	60.4	49.1	39.2
-47.5°	164.5	145.1	125.4	105.4	87.5	80.3	73.1	63.7	52.5	42.4	34.1
-50°	150.5	131.8	112.5	94.8	78.3	69.7	63.2	55.3	46.2	36.7	29.2
-52.5°	133.6	117.1	100.1	84.2	70.4	59.8	54.8	47.4	40.0	31.8	24.5
-55°	115.5	103.1	88.0	74.3	62.3	52.2	46.7	40.9	33.9	27.1	20.0
-57.5°	99.6	89.1	76.4	64.4	54.7	45.8	39.6	34.5	28.6	22.5	17.1
-60°	84.9	75.6	64.5	55.7	47.5	39.5	33.1	28.5	23.7	18.2	14.4
-62.5°	72.7	63.4	55.4	47.8	40.4	33.4	27.0	23.3	18.7	15.2	11.7
-65°	61.8	54.2	46.7	39.9	33.3	27.2	21.8	18.1	15.1	12.2	9.3
-67.5°	51.5	44.0	37.8	31.9	26.6	21.6	16.8	14.2	11.9	9.3	7.6
-70°	37.9	32.5	28.8	24.6	20.1	16.0	13.0	10.8	8.7	7.5	6.0
-72.5°	26.1	23.4	20.6	17.3	14.5	11.9	9.5	7.8	7.0	5.8	4.4
-75°	16.9	15.5	13.9	11.9	9.7	7.8	6.9	6.1	5.2	4.2	4.0
-77.5°	11.0	9.7	8.2	7.3	6.6	5.9	5.1	4.4	4.0	4.0	4.0
-80°	6.7	6.2	5.7	5.1	4.6	4.0	3.9	4.0	4.0	4.0	4.0
-82.5°	4.1	3.9	3.6	3.4	3.4	3.5	3.7	4.0	4.0	4.0	3.6
-85°	2.7	2.6	2.4	2.3	2.6	3.0	3.2	3.4	3.1	2.7	2.4
-87.5°	1.4	1.3	1.2	1.1	1.3	1.5	1.6	1.7	1.5	1.4	1.2
-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	0.9	0.7	0.5	0.3	0.2	0.0
85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
80°	4.0	3.4	2.8	2.1	1.4	0.7	0.0
77.5°	4.0	4.0	3.4	2.6	1.7	0.9	0.0
75°	4.0	4.0	4.0	3.1	2.1	1.0	0.0
72.5°	4.0	4.0	4.0	3.6	2.4	1.2	0.0
70°	4.2	4.0	4.0	4.0	2.7	1.4	0.0
67.5°	5.7	4.0	4.0	4.0	3.1	1.5	0.0
65°	7.2	4.7	4.0	4.0	3.4	1.7	0.0
62.5°	8.6	6.0	4.0	4.0	3.7	1.8	0.0
60°	10.1	7.3	4.0	4.0	4.0	2.0	0.0
57.5°	12.7	8.6	5.0	4.0	4.0	2.1	0.0
55°	15.4	9.8	6.1	4.0	4.1	2.3	0.0
52.5°	18.2	11.3	7.1	4.0	4.1	2.4	0.0
50°	21.0	13.8	8.1	4.0	4.1	2.6	0.0
47.5°	24.2	16.3	9.2	4.2	4.2	2.7	0.0
45°	28.6	18.8	10.1	4.9	4.2	2.8	0.0
42.5°	33.1	21.3	11.1	5.6	4.3	2.9	0.0
40°	37.6	23.8	12.6	6.4	4.4	3.1	0.0
37.5°	42.2	26.3	14.5	7.0	4.4	3.2	0.0
35°	46.8	29.6	16.4	7.6	4.5	3.3	0.0
32.5°	51.6	33.2	18.3	8.1	4.6	3.4	0.0
30°	57.0	36.8	20.1	8.6	4.7	3.5	0.0
27.5°	62.3	40.2	21.2	9.0	4.8	3.5	0.0
25°	67.6	43.6	22.1	9.3	4.9	3.6	0.0
22.5°	72.8	46.3	22.8	9.6	5.0	3.7	0.0
20°	77.8	47.3	23.3	9.8	5.1	3.8	0.0
17.5°	80.4	47.9	23.7	10.0	5.2	3.8	0.0
15°	81.4	48.1	23.8	10.1	5.3	3.9	0.0
12.5°	81.9	48.1	23.8	10.2	5.4	3.9	0.0
10°	82.2	47.7	23.7	10.2	5.5	3.9	0.0
7.5°	82.0	47.0	23.3	10.2	5.6	4.0	0.0
5°	81.4	46.1	22.9	10.1	5.7	4.0	0.0
2.5°	80.5	44.9	22.4	10.0	5.8	4.0	0.0
0°	79.1	43.5	21.7	9.9	5.9	4.0	0.0
-2.5°	80.5	44.9	22.4	10.0	5.8	4.0	0.0
-5°	81.4	46.1	22.9	10.1	5.7	4.0	0.0
-7.5°	82.0	47.0	23.3	10.2	5.6	4.0	0.0
-10°	82.2	47.7	23.7	10.2	5.5	3.9	0.0
-12.5°	81.9	48.1	23.8	10.2	5.4	3.9	0.0
-15°	81.4	48.1	23.8	10.1	5.3	3.9	0.0
-17.5°	80.4	47.9	23.7	10.0	5.2	3.8	0.0
-20°	77.8	47.3	23.3	9.8	5.1	3.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.8	46.3	22.8	9.6	5.0	3.7	0.0
-25°	67.6	43.6	22.1	9.3	4.9	3.6	0.0
-27.5°	62.3	40.2	21.2	9.0	4.8	3.5	0.0
-30°	57.0	36.8	20.1	8.6	4.7	3.5	0.0
-32.5°	51.6	33.2	18.3	8.1	4.6	3.4	0.0
-35°	46.8	29.6	16.4	7.6	4.5	3.3	0.0
-37.5°	42.2	26.3	14.5	7.0	4.4	3.2	0.0
-40°	37.6	23.8	12.6	6.4	4.4	3.1	0.0
-42.5°	33.1	21.3	11.1	5.6	4.3	2.9	0.0
-45°	28.6	18.8	10.1	4.9	4.2	2.8	0.0
-47.5°	24.2	16.3	9.2	4.2	4.2	2.7	0.0
-50°	21.0	13.8	8.1	4.0	4.1	2.6	0.0
-52.5°	18.2	11.3	7.1	4.0	4.1	2.4	0.0
-55°	15.4	9.8	6.1	4.0	4.1	2.3	0.0
-57.5°	12.7	8.6	5.0	4.0	4.0	2.1	0.0
-60°	10.1	7.3	4.0	4.0	4.0	2.0	0.0
-62.5°	8.6	6.0	4.0	4.0	3.7	1.8	0.0
-65°	7.2	4.7	4.0	4.0	3.4	1.7	0.0
-67.5°	5.7	4.0	4.0	4.0	3.1	1.5	0.0
-70°	4.2	4.0	4.0	4.0	2.7	1.4	0.0
-72.5°	4.0	4.0	4.0	3.6	2.4	1.2	0.0
-75°	4.0	4.0	4.0	3.1	2.1	1.0	0.0
-77.5°	4.0	4.0	3.4	2.6	1.7	0.9	0.0
-80°	4.0	3.4	2.8	2.1	1.4	0.7	0.0
-82.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-85°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-87.5°	1.0	0.9	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)