

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: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-930-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

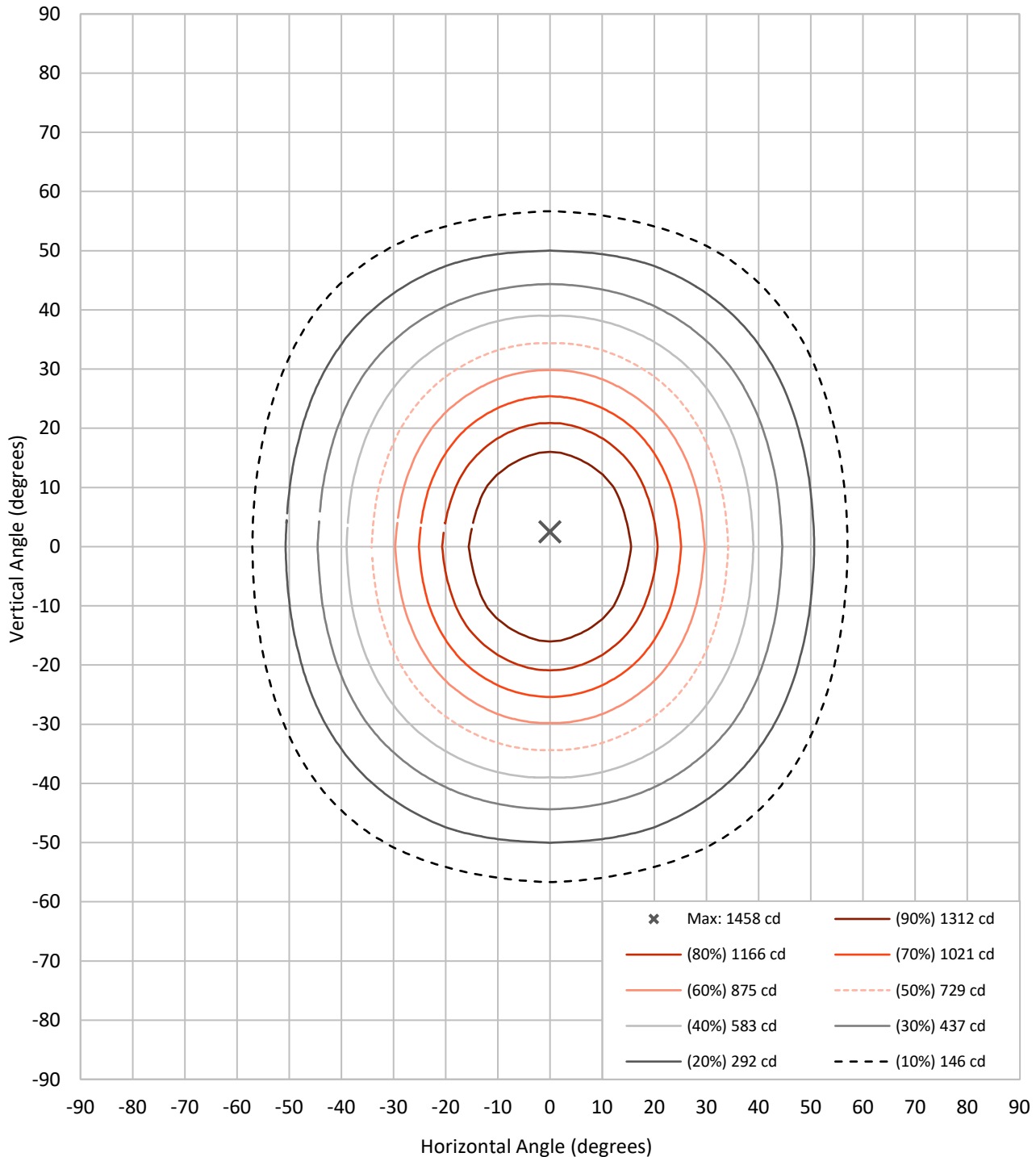
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	1973.2 lumens	Max Intensity:	1458 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	109.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	1183.1 lumens	Field Lumens:	1884.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%
Input Watts (W):	18		
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





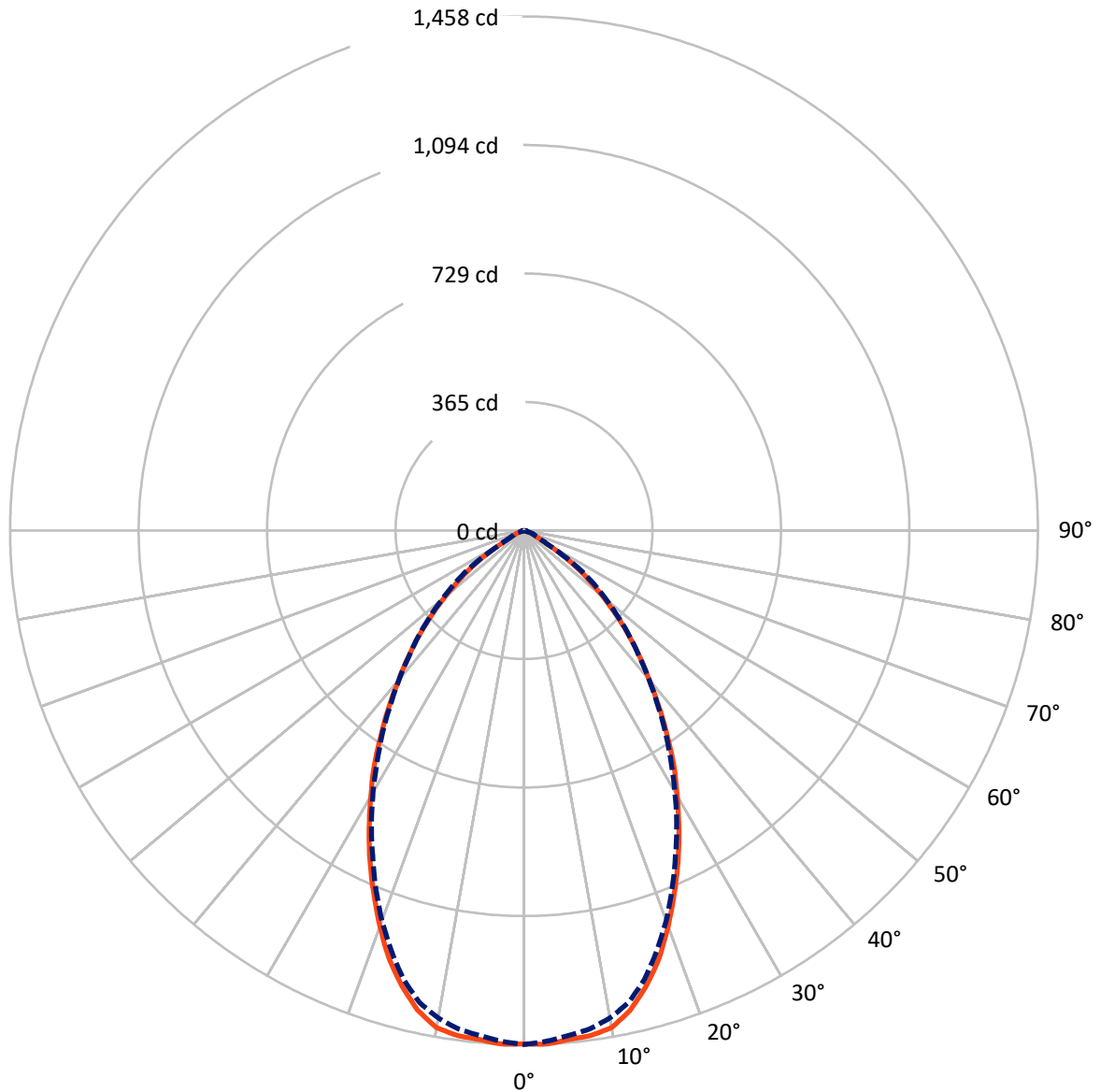
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Lumen Table

90																			
80	0.0	0.2		0.5		0.8		0.6		0.8		0.5		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.1	0.1			
50		0.2	0.4	0.8	1.5	3.0	4.4	5.3	5.3	4.4	3.0	1.5	0.8	0.4	0.2				
40	0.2	0.3	0.6	1.9	5.0	8.3	11.0	12.5	12.5	11.0	8.3	5.0	1.9	0.6	0.3	0.2			
30		0.3	1.1	4.4	8.9	13.9	18.5	21.2	21.2	18.5	13.9	8.9	4.4	1.1	0.3				
20	0.2	0.4	2.0	6.6	12.7	19.8	26.5	30.7	30.7	26.5	19.8	12.7	6.6	2.0	0.4	0.2			
10		0.5	2.9	8.2	15.6	24.8	33.7	39.4	39.4	33.7	24.8	15.6	8.2	2.9	0.5				
0	0.2	0.5	3.4	9.1	17.3	27.7	37.9	43.3	43.3	37.9	27.7	17.3	9.1	3.4	0.5	0.2			
-10		0.5	3.4	9.1	17.3	27.7	37.9	43.3	43.3	37.9	27.7	17.3	9.1	3.4	0.5				
-20	0.2	0.5	2.9	8.2	15.6	24.8	33.7	39.4	39.4	33.7	24.8	15.6	8.2	2.9	0.5	0.2			
-30		0.4	2.0	6.6	12.7	19.8	26.5	30.7	30.7	26.5	19.8	12.7	6.6	2.0	0.4				
-40	0.2	0.3	1.1	4.4	8.9	13.9	18.5	21.2	21.2	18.5	13.9	8.9	4.4	1.1	0.3	0.2			
-50		0.3	0.6	1.9	5.0	8.3	11.0	12.5	12.5	11.0	8.3	5.0	1.9	0.6	0.3				
-60	0.1	0.2	0.4	0.8	1.5	3.0	4.4	5.3	5.3	4.4	3.0	1.5	0.8	0.4	0.2	0.1			
-70		0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.0	0.8	0.6	0.4	0.3	0.1				
-80	0.0	0.2		0.5		0.8		0.6		0.8		0.5		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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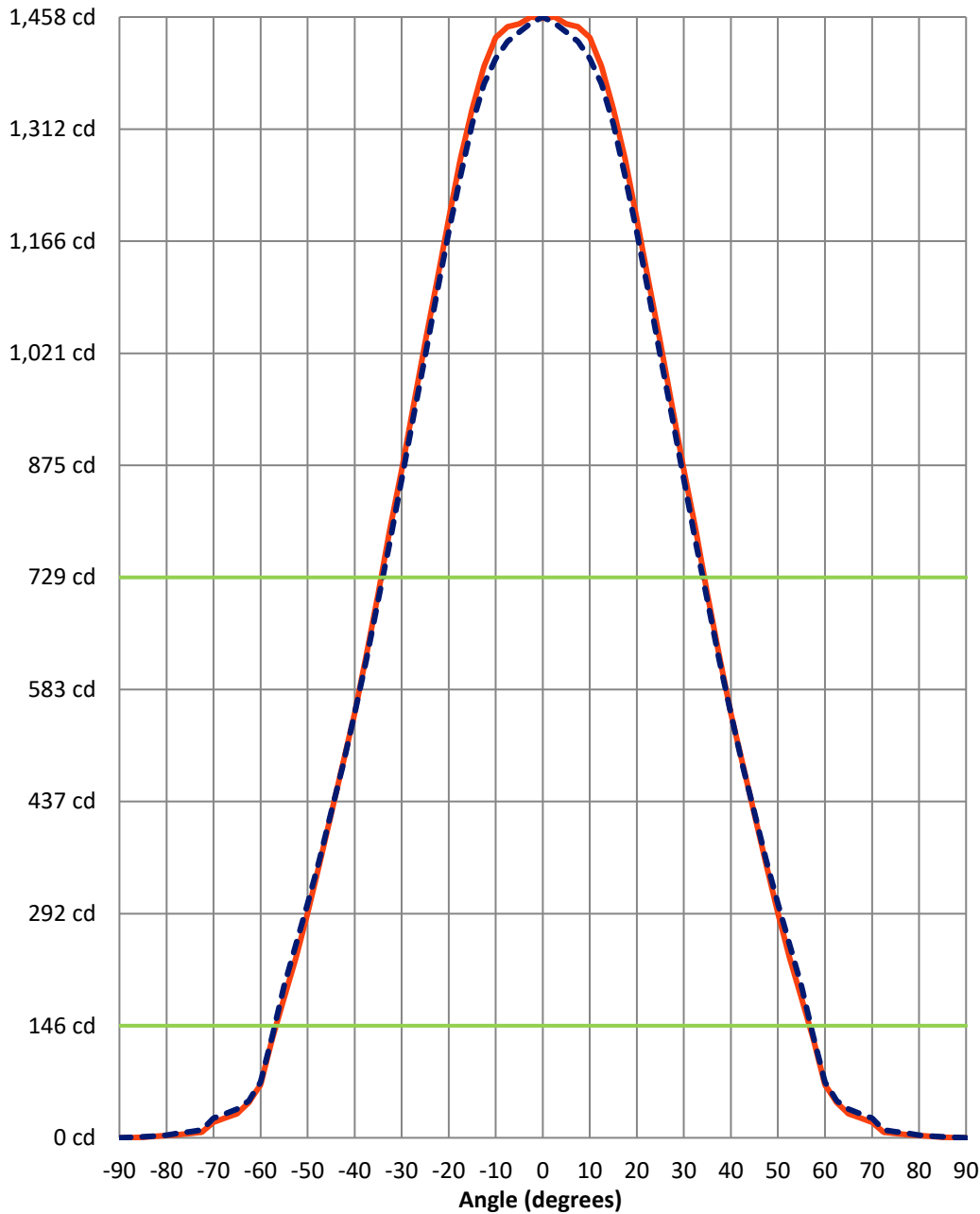
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 68°
 V Angle: 68.7°
 Lumens: 1183.1
 Efficiency: 60.0%

Field:
 H Angle: 114°
 V Angle: 113.4°
 Lumens: 1884.9
 Efficiency: 95.5%

Spill:
 Lumens: 88.3
 Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.9	1.1
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.2	1.5	1.8
77.5°	0.0	0.1	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.2	2.7
75°	0.0	0.2	0.3	0.5	0.6	1.0	1.4	1.9	2.4	3.2	4.0
72.5°	0.0	0.2	0.4	0.5	0.8	1.3	1.8	2.5	3.4	4.4	5.3
70°	0.0	0.2	0.4	0.6	1.0	1.5	2.2	3.4	4.5	5.6	7.1
67.5°	0.0	0.2	0.5	0.7	1.2	1.8	2.9	4.3	5.5	7.1	8.9
65°	0.0	0.3	0.5	0.8	1.3	2.1	3.6	5.2	6.8	8.6	10.7
62.5°	0.0	0.3	0.6	0.9	1.5	2.5	4.2	6.1	8.0	10.1	12.3
60°	0.0	0.3	0.6	1.0	1.6	2.9	4.7	7.1	9.1	11.7	14.0
57.5°	0.0	0.3	0.7	1.1	1.9	3.3	5.3	7.9	10.5	13.3	15.4
55°	0.0	0.3	0.7	1.2	2.1	3.6	5.8	8.6	12.0	14.7	16.7
52.5°	0.0	0.4	0.8	1.2	2.2	3.9	6.2	9.6	13.4	15.9	18.0
50°	0.0	0.4	0.8	1.3	2.4	4.1	6.6	10.5	14.7	17.1	19.3
47.5°	0.0	0.4	0.8	1.4	2.5	4.3	6.9	11.3	15.8	18.3	20.5
45°	0.0	0.4	0.9	1.4	2.6	4.5	7.5	11.9	16.2	19.3	21.7
42.5°	0.0	0.4	0.9	1.5	2.7	4.6	7.9	12.3	16.5	20.2	23.0
40°	0.0	0.5	1.0	1.6	2.7	4.7	8.3	12.5	16.7	21.0	24.2
37.5°	0.0	0.5	1.0	1.6	2.8	4.7	8.6	12.5	16.9	21.4	25.5
35°	0.0	0.5	1.0	1.7	2.8	4.8	8.7	12.5	17.1	22.2	26.7
32.5°	0.0	0.5	1.1	1.8	2.7	4.9	8.8	12.3	17.2	23.2	27.9
30°	0.0	0.5	1.1	1.8	2.7	5.0	8.6	12.1	17.4	24.3	29.1
27.5°	0.0	0.5	1.1	1.9	2.8	5.0	8.4	12.1	17.8	25.7	30.2
25°	0.0	0.5	1.2	1.9	2.8	4.9	8.1	12.2	18.7	26.8	31.2
22.5°	0.0	0.6	1.2	2.0	2.9	4.9	7.7	12.1	19.7	27.6	32.5
20°	0.0	0.6	1.2	2.0	3.0	5.2	7.3	12.1	20.7	28.4	33.7
17.5°	0.0	0.6	1.2	2.1	3.1	5.4	7.2	11.9	21.7	29.0	34.7
15°	0.0	0.6	1.3	2.1	3.1	5.5	7.4	11.9	22.7	29.6	35.6
12.5°	0.0	0.6	1.3	2.1	3.2	5.7	7.5	11.8	23.6	30.2	36.3
10°	0.0	0.6	1.3	2.2	3.3	5.8	7.6	11.6	24.3	30.5	36.9
7.5°	0.0	0.6	1.3	2.2	3.3	5.9	7.7	11.2	24.9	30.9	37.2
5°	0.0	0.6	1.3	2.2	3.3	5.9	7.8	10.7	25.3	31.1	37.4
2.5°	0.0	0.6	1.3	2.2	3.4	6.0	7.9	10.2	25.5	31.2	37.4
0°	0.0	0.6	1.3	2.2	3.4	6.0	7.9	9.6	25.5	31.3	37.3
-2.5°	0.0	0.6	1.3	2.2	3.4	6.0	7.9	10.2	25.5	31.2	37.4
-5°	0.0	0.6	1.3	2.2	3.3	5.9	7.8	10.7	25.3	31.1	37.4
-7.5°	0.0	0.6	1.3	2.2	3.3	5.9	7.7	11.2	24.9	30.9	37.2
-10°	0.0	0.6	1.3	2.2	3.3	5.8	7.6	11.6	24.3	30.5	36.9
-12.5°	0.0	0.6	1.3	2.1	3.2	5.7	7.5	11.8	23.6	30.2	36.3
-15°	0.0	0.6	1.3	2.1	3.1	5.5	7.4	11.9	22.7	29.6	35.6
-17.5°	0.0	0.6	1.2	2.1	3.1	5.4	7.2	11.9	21.7	29.0	34.7
-20°	0.0	0.6	1.2	2.0	3.0	5.2	7.3	12.1	20.7	28.4	33.7



REPORT NUMBER: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.2	2.0	2.9	4.9	7.7	12.1	19.7	27.6	32.5
-25°	0.0	0.5	1.2	1.9	2.8	4.9	8.1	12.2	18.7	26.8	31.2
-27.5°	0.0	0.5	1.1	1.9	2.8	5.0	8.4	12.1	17.8	25.7	30.2
-30°	0.0	0.5	1.1	1.8	2.7	5.0	8.6	12.1	17.4	24.3	29.1
-32.5°	0.0	0.5	1.1	1.8	2.7	4.9	8.8	12.3	17.2	23.2	27.9
-35°	0.0	0.5	1.0	1.7	2.8	4.8	8.7	12.5	17.1	22.2	26.7
-37.5°	0.0	0.5	1.0	1.6	2.8	4.7	8.6	12.5	16.9	21.4	25.5
-40°	0.0	0.5	1.0	1.6	2.7	4.7	8.3	12.5	16.7	21.0	24.2
-42.5°	0.0	0.4	0.9	1.5	2.7	4.6	7.9	12.3	16.5	20.2	23.0
-45°	0.0	0.4	0.9	1.4	2.6	4.5	7.5	11.9	16.2	19.3	21.7
-47.5°	0.0	0.4	0.8	1.4	2.5	4.3	6.9	11.3	15.8	18.3	20.5
-50°	0.0	0.4	0.8	1.3	2.4	4.1	6.6	10.5	14.7	17.1	19.3
-52.5°	0.0	0.4	0.8	1.2	2.2	3.9	6.2	9.6	13.4	15.9	18.0
-55°	0.0	0.3	0.7	1.2	2.1	3.6	5.8	8.6	12.0	14.7	16.7
-57.5°	0.0	0.3	0.7	1.1	1.9	3.3	5.3	7.9	10.5	13.3	15.4
-60°	0.0	0.3	0.6	1.0	1.6	2.9	4.7	7.1	9.1	11.7	14.0
-62.5°	0.0	0.3	0.6	0.9	1.5	2.5	4.2	6.1	8.0	10.1	12.3
-65°	0.0	0.3	0.5	0.8	1.3	2.1	3.6	5.2	6.8	8.6	10.7
-67.5°	0.0	0.2	0.5	0.7	1.2	1.8	2.9	4.3	5.5	7.1	8.9
-70°	0.0	0.2	0.4	0.6	1.0	1.5	2.2	3.4	4.5	5.6	7.1
-72.5°	0.0	0.2	0.4	0.5	0.8	1.3	1.8	2.5	3.4	4.4	5.3
-75°	0.0	0.2	0.3	0.5	0.6	1.0	1.4	1.9	2.4	3.2	4.0
-77.5°	0.0	0.1	0.3	0.4	0.5	0.7	1.0	1.4	1.8	2.2	2.7
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.2	1.5	1.8
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.9	1.1
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-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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 CATALOG NUMBER: GFLD-SA1A-930-U-WR-XX

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°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.9	1.0
82.5°	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	2.0	2.5
80°	2.0	2.1	2.4	2.7	2.9	2.9	2.7	2.4	2.9	3.6	4.5
77.5°	3.2	3.7	4.2	4.7	4.8	4.6	4.2	3.6	4.3	5.6	7.0
75°	4.7	5.3	6.1	6.6	6.6	6.2	5.7	5.6	6.7	8.3	9.6
72.5°	6.4	7.4	8.1	8.6	8.5	8.5	8.7	9.2	10.1	11.2	12.2
70°	8.6	9.5	10.0	10.3	10.4	10.9	11.7	12.3	12.9	14.0	15.1
67.5°	10.6	11.4	11.8	12.2	13.0	14.0	14.8	15.5	16.3	17.5	18.4
65°	12.5	13.2	13.9	14.9	16.1	17.1	18.0	19.0	20.4	21.6	22.4
62.5°	14.3	15.1	16.1	17.4	18.8	20.0	21.5	23.2	25.0	26.3	27.8
60°	15.7	16.8	18.2	19.8	21.5	23.4	25.3	27.3	29.2	30.9	33.1
57.5°	17.0	18.7	20.4	22.3	24.4	26.9	29.3	31.4	33.7	36.2	38.7
55°	18.5	20.6	22.6	24.8	27.4	30.6	33.2	35.7	38.5	42.6	46.2
52.5°	20.1	22.4	24.6	27.3	30.7	34.0	37.0	40.5	45.1	51.3	61.3
50°	21.6	24.1	26.7	30.2	33.8	37.3	41.6	46.6	55.8	67.3	87.4
47.5°	23.1	25.8	29.2	33.0	36.9	41.5	47.0	57.9	70.3	99.0	127.6
45°	24.6	27.8	31.5	35.8	40.5	46.3	57.7	71.0	105.1	138.1	172.5
42.5°	26.0	29.8	34.1	38.7	44.8	55.2	69.8	105.3	142.2	180.1	213.1
40°	27.7	31.6	36.7	42.4	50.5	66.4	99.2	139.1	180.7	216.5	248.6
37.5°	29.3	33.9	39.4	46.1	60.5	87.1	129.4	173.7	214.0	248.9	283.2
35°	30.7	36.1	42.6	52.7	70.4	114.1	160.1	205.1	243.6	280.9	318.4
32.5°	32.4	38.3	45.8	61.4	93.0	140.3	189.2	232.1	272.4	312.2	355.0
30°	34.2	40.9	50.1	69.8	115.4	165.7	214.2	257.9	299.7	343.9	389.8
27.5°	36.0	43.5	57.3	86.0	136.5	189.4	236.9	281.9	326.7	373.8	423.2
25°	37.6	45.9	64.1	103.7	156.8	209.7	257.7	303.5	352.0	403.2	455.2
22.5°	39.3	48.3	70.2	119.9	175.4	227.7	276.1	324.7	376.0	430.3	484.5
20°	41.1	53.3	80.2	134.9	192.3	244.0	292.7	344.4	398.5	454.7	512.0
17.5°	42.8	57.8	92.2	149.0	206.5	258.2	307.5	362.2	418.0	476.8	537.1
15°	44.3	61.6	102.8	161.5	218.5	270.3	322.1	378.1	435.4	496.6	559.3
12.5°	45.6	64.9	111.8	172.3	228.7	280.7	334.3	391.4	450.9	513.9	579.2
10°	46.8	67.6	119.4	181.4	237.0	289.2	344.1	402.6	463.2	527.9	595.3
7.5°	47.5	69.8	125.4	188.6	243.4	295.9	351.5	411.3	472.2	538.8	607.5
5°	48.0	71.6	129.7	194.0	248.0	301.0	356.9	417.6	478.0	546.4	615.7
2.5°	48.2	72.8	132.3	197.4	251.0	304.5	361.3	423.1	484.1	551.9	622.1
0°	48.2	73.5	133.3	198.9	252.1	306.1	363.4	426.0	488.0	554.2	626.4
-2.5°	48.2	72.8	132.3	197.4	251.0	304.5	361.3	423.1	484.1	551.9	622.1
-5°	48.0	71.6	129.7	194.0	248.0	301.0	356.9	417.6	478.0	546.4	615.7
-7.5°	47.5	69.8	125.4	188.6	243.4	295.9	351.5	411.3	472.2	538.8	607.5
-10°	46.8	67.6	119.4	181.4	237.0	289.2	344.1	402.6	463.2	527.9	595.3
-12.5°	45.6	64.9	111.8	172.3	228.7	280.7	334.3	391.4	450.9	513.9	579.2
-15°	44.3	61.6	102.8	161.5	218.5	270.3	322.1	378.1	435.4	496.6	559.3
-17.5°	42.8	57.8	92.2	149.0	206.5	258.2	307.5	362.2	418.0	476.8	537.1
-20°	41.1	53.3	80.2	134.9	192.3	244.0	292.7	344.4	398.5	454.7	512.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	39.3	48.3	70.2	119.9	175.4	227.7	276.1	324.7	376.0	430.3	484.5
-25°	37.6	45.9	64.1	103.7	156.8	209.7	257.7	303.5	352.0	403.2	455.2
-27.5°	36.0	43.5	57.3	86.0	136.5	189.4	236.9	281.9	326.7	373.8	423.2
-30°	34.2	40.9	50.1	69.8	115.4	165.7	214.2	257.9	299.7	343.9	389.8
-32.5°	32.4	38.3	45.8	61.4	93.0	140.3	189.2	232.1	272.4	312.2	355.0
-35°	30.7	36.1	42.6	52.7	70.4	114.1	160.1	205.1	243.6	280.9	318.4
-37.5°	29.3	33.9	39.4	46.1	60.5	87.1	129.4	173.7	214.0	248.9	283.2
-40°	27.7	31.6	36.7	42.4	50.5	66.4	99.2	139.1	180.7	216.5	248.6
-42.5°	26.0	29.8	34.1	38.7	44.8	55.2	69.8	105.3	142.2	180.1	213.1
-45°	24.6	27.8	31.5	35.8	40.5	46.3	57.7	71.0	105.1	138.1	172.5
-47.5°	23.1	25.8	29.2	33.0	36.9	41.5	47.0	57.9	70.3	99.0	127.6
-50°	21.6	24.1	26.7	30.2	33.8	37.3	41.6	46.6	55.8	67.3	87.4
-52.5°	20.1	22.4	24.6	27.3	30.7	34.0	37.0	40.5	45.1	51.3	61.3
-55°	18.5	20.6	22.6	24.8	27.4	30.6	33.2	35.7	38.5	42.6	46.2
-57.5°	17.0	18.7	20.4	22.3	24.4	26.9	29.3	31.4	33.7	36.2	38.7
-60°	15.7	16.8	18.2	19.8	21.5	23.4	25.3	27.3	29.2	30.9	33.1
-62.5°	14.3	15.1	16.1	17.4	18.8	20.0	21.5	23.2	25.0	26.3	27.8
-65°	12.5	13.2	13.9	14.9	16.1	17.1	18.0	19.0	20.4	21.6	22.4
-67.5°	10.6	11.4	11.8	12.2	13.0	14.0	14.8	15.5	16.3	17.5	18.4
-70°	8.6	9.5	10.0	10.3	10.4	10.9	11.7	12.3	12.9	14.0	15.1
-72.5°	6.4	7.4	8.1	8.6	8.5	8.5	8.7	9.2	10.1	11.2	12.2
-75°	4.7	5.3	6.1	6.6	6.6	6.2	5.7	5.6	6.7	8.3	9.6
-77.5°	3.2	3.7	4.2	4.7	4.8	4.6	4.2	3.6	4.3	5.6	7.0
-80°	2.0	2.1	2.4	2.7	2.9	2.9	2.7	2.4	2.9	3.6	4.5
-82.5°	1.2	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.6	2.0	2.5
-85°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.9	1.0
-87.5°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	1.2	1.1	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9
82.5°	2.9	3.2	3.4	3.6	3.8	3.8	3.7	3.5	3.4	3.0	2.6
80°	5.5	6.0	6.4	6.7	6.9	6.7	6.4	6.0	5.5	4.9	4.2
77.5°	8.5	9.1	9.4	9.7	10.0	10.1	10.1	10.2	10.2	9.1	7.6
75°	10.7	11.3	11.9	12.4	12.8	13.0	13.2	13.3	13.5	12.0	9.9
72.5°	13.1	13.8	14.3	14.8	15.2	15.6	15.9	16.2	16.4	15.1	13.4
70°	15.9	16.6	17.2	17.7	18.3	18.8	19.2	19.7	20.0	20.1	20.2
67.5°	19.1	19.5	20.3	21.0	21.8	22.4	23.1	23.8	24.4	24.9	25.3
65°	23.1	24.5	25.9	26.6	26.7	27.6	29.0	29.8	30.0	30.2	30.6
62.5°	29.7	31.5	32.5	33.8	35.5	37.4	38.1	39.2	40.4	41.9	43.2
60°	35.0	36.6	38.9	41.3	43.4	45.3	49.9	54.0	57.6	60.6	63.5
57.5°	41.6	44.2	47.7	54.1	60.0	65.3	74.3	85.3	95.2	103.7	111.3
55°	52.1	59.6	66.3	81.4	97.5	111.5	124.5	138.5	149.9	158.8	167.0
52.5°	70.0	90.6	111.4	131.0	150.3	167.8	183.5	195.9	205.6	212.8	219.7
50°	112.1	136.9	162.3	185.6	204.5	221.8	238.2	250.5	260.8	269.6	277.4
47.5°	158.0	187.0	211.0	232.5	252.9	272.1	290.0	304.9	317.6	329.2	338.9
45°	203.7	229.6	254.2	277.3	299.5	321.0	340.2	357.2	374.0	387.8	398.8
42.5°	242.3	269.8	295.9	322.3	347.1	371.2	394.5	415.2	433.0	448.1	460.3
40°	279.4	309.0	340.0	369.4	398.8	426.3	452.1	475.7	496.0	513.9	529.0
37.5°	317.1	351.6	385.7	419.2	451.6	481.6	511.2	538.4	562.1	583.1	600.7
35°	356.9	395.0	432.1	469.8	505.2	539.9	572.6	602.5	628.8	653.5	674.7
32.5°	396.8	438.0	479.9	520.7	559.9	598.6	634.5	668.3	699.4	726.7	749.4
30°	435.6	481.0	525.8	570.2	615.0	657.2	697.0	734.1	767.8	797.6	823.3
27.5°	472.9	521.7	569.7	620.5	669.2	715.1	758.3	798.2	835.9	869.7	898.9
25°	507.4	559.3	615.1	668.4	720.5	771.5	818.8	862.2	905.2	942.4	974.1
22.5°	540.0	597.8	656.7	712.6	770.1	826.1	879.1	929.3	975.2	1014.2	1048.1
20°	571.0	633.2	693.9	755.8	818.0	878.5	936.8	990.4	1039.0	1081.5	1119.6
17.5°	600.2	664.7	729.1	795.2	862.4	926.0	987.8	1046.1	1099.2	1146.3	1189.3
15°	625.5	692.1	761.1	831.4	901.7	969.3	1034.8	1098.4	1158.1	1209.4	1252.8
12.5°	647.0	716.4	789.4	863.1	937.2	1008.0	1077.5	1145.6	1209.0	1264.2	1308.7
10°	664.8	737.5	813.7	890.5	966.6	1040.2	1112.4	1182.9	1251.0	1308.2	1353.9
7.5°	679.7	755.2	833.2	912.3	989.0	1065.5	1140.8	1212.0	1279.1	1339.4	1386.4
5°	690.8	767.5	847.2	928.3	1006.2	1085.4	1162.9	1235.7	1302.2	1356.8	1395.2
2.5°	699.1	775.2	856.3	937.9	1016.8	1098.9	1178.1	1251.0	1319.0	1370.7	1403.9
0°	704.7	779.5	864.6	944.6	1024.8	1109.0	1187.3	1261.0	1329.2	1379.8	1414.1
-2.5°	699.1	775.2	856.3	937.9	1016.8	1098.9	1178.1	1251.0	1319.0	1370.7	1403.9
-5°	690.8	767.5	847.2	928.3	1006.2	1085.4	1162.9	1235.7	1302.2	1356.8	1395.2
-7.5°	679.7	755.2	833.2	912.3	989.0	1065.5	1140.8	1212.0	1279.1	1339.4	1386.4
-10°	664.8	737.5	813.7	890.5	966.6	1040.2	1112.4	1182.9	1251.0	1308.2	1353.9
-12.5°	647.0	716.4	789.4	863.1	937.2	1008.0	1077.5	1145.6	1209.0	1264.2	1308.7
-15°	625.5	692.1	761.1	831.4	901.7	969.3	1034.8	1098.4	1158.1	1209.4	1252.8
-17.5°	600.2	664.7	729.1	795.2	862.4	926.0	987.8	1046.1	1099.2	1146.3	1189.3
-20°	571.0	633.2	693.9	755.8	818.0	878.5	936.8	990.4	1039.0	1081.5	1119.6



REPORT NUMBER: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	540.0	597.8	656.7	712.6	770.1	826.1	879.1	929.3	975.2	1014.2	1048.1
-25°	507.4	559.3	615.1	668.4	720.5	771.5	818.8	862.2	905.2	942.4	974.1
-27.5°	472.9	521.7	569.7	620.5	669.2	715.1	758.3	798.2	835.9	869.7	898.9
-30°	435.6	481.0	525.8	570.2	615.0	657.2	697.0	734.1	767.8	797.6	823.3
-32.5°	396.8	438.0	479.9	520.7	559.9	598.6	634.5	668.3	699.4	726.7	749.4
-35°	356.9	395.0	432.1	469.8	505.2	539.9	572.6	602.5	628.8	653.5	674.7
-37.5°	317.1	351.6	385.7	419.2	451.6	481.6	511.2	538.4	562.1	583.1	600.7
-40°	279.4	309.0	340.0	369.4	398.8	426.3	452.1	475.7	496.0	513.9	529.0
-42.5°	242.3	269.8	295.9	322.3	347.1	371.2	394.5	415.2	433.0	448.1	460.3
-45°	203.7	229.6	254.2	277.3	299.5	321.0	340.2	357.2	374.0	387.8	398.8
-47.5°	158.0	187.0	211.0	232.5	252.9	272.1	290.0	304.9	317.6	329.2	338.9
-50°	112.1	136.9	162.3	185.6	204.5	221.8	238.2	250.5	260.8	269.6	277.4
-52.5°	70.0	90.6	111.4	131.0	150.3	167.8	183.5	195.9	205.6	212.8	219.7
-55°	52.1	59.6	66.3	81.4	97.5	111.5	124.5	138.5	149.9	158.8	167.0
-57.5°	41.6	44.2	47.7	54.1	60.0	65.3	74.3	85.3	95.2	103.7	111.3
-60°	35.0	36.6	38.9	41.3	43.4	45.3	49.9	54.0	57.6	60.6	63.5
-62.5°	29.7	31.5	32.5	33.8	35.5	37.4	38.1	39.2	40.4	41.9	43.2
-65°	23.1	24.5	25.9	26.6	26.7	27.6	29.0	29.8	30.0	30.2	30.6
-67.5°	19.1	19.5	20.3	21.0	21.8	22.4	23.1	23.8	24.4	24.9	25.3
-70°	15.9	16.6	17.2	17.7	18.3	18.8	19.2	19.7	20.0	20.1	20.2
-72.5°	13.1	13.8	14.3	14.8	15.2	15.6	15.9	16.2	16.4	15.1	13.4
-75°	10.7	11.3	11.9	12.4	12.8	13.0	13.2	13.3	13.5	12.0	9.9
-77.5°	8.5	9.1	9.4	9.7	10.0	10.1	10.1	10.2	10.2	9.1	7.6
-80°	5.5	6.0	6.4	6.7	6.9	6.7	6.4	6.0	5.5	4.9	4.2
-82.5°	2.9	3.2	3.4	3.6	3.8	3.8	3.7	3.5	3.4	3.0	2.6
-85°	1.2	1.1	1.1	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.9
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0
82.5°	2.2	1.7	1.8	1.9	1.8	1.7	2.2	2.6	3.0	3.4	3.5
80°	3.5	2.8	2.9	3.0	2.9	2.8	3.5	4.2	4.9	5.5	6.0
77.5°	6.0	4.4	4.2	4.1	4.2	4.4	6.0	7.6	9.1	10.2	10.2
75°	7.9	5.7	5.6	5.6	5.6	5.7	7.9	9.9	12.0	13.5	13.3
72.5°	11.6	9.8	8.5	7.3	8.5	9.8	11.6	13.4	15.1	16.4	16.2
70°	20.4	20.7	20.5	20.2	20.5	20.7	20.4	20.2	20.1	20.0	19.7
67.5°	25.6	25.9	26.0	25.9	26.0	25.9	25.6	25.3	24.9	24.4	23.8
65°	30.9	31.1	31.2	31.3	31.2	31.1	30.9	30.6	30.2	30.0	29.8
62.5°	44.1	44.8	45.5	45.9	45.5	44.8	44.1	43.2	41.9	40.4	39.2
60°	66.0	68.1	69.1	69.2	69.1	68.1	66.0	63.5	60.6	57.6	54.0
57.5°	117.4	121.9	125.9	128.9	125.9	121.9	117.4	111.3	103.7	95.2	85.3
55°	173.6	178.4	181.1	181.8	181.1	178.4	173.6	167.0	158.8	149.9	138.5
52.5°	224.9	228.1	231.1	233.7	231.1	228.1	224.9	219.7	212.8	205.6	195.9
50°	283.3	286.9	289.9	292.2	289.9	286.9	283.3	277.4	269.6	260.8	250.5
47.5°	345.8	350.1	353.3	355.5	353.3	350.1	345.8	338.9	329.2	317.6	304.9
45°	408.1	415.6	420.1	420.9	420.1	415.6	408.1	398.8	387.8	374.0	357.2
42.5°	470.8	477.9	482.8	486.4	482.8	477.9	470.8	460.3	448.1	433.0	415.2
40°	541.7	550.7	554.8	552.1	554.8	550.7	541.7	529.0	513.9	496.0	475.7
37.5°	614.3	623.5	628.3	628.0	628.3	623.5	614.3	600.7	583.1	562.1	538.4
35°	691.2	702.7	708.9	707.3	708.9	702.7	691.2	674.7	653.5	628.8	602.5
32.5°	767.4	781.3	790.3	791.7	790.3	781.3	767.4	749.4	726.7	699.4	668.3
30°	844.0	859.0	867.9	868.7	867.9	859.0	844.0	823.3	797.6	767.8	734.1
27.5°	923.4	940.2	949.5	951.7	949.5	940.2	923.4	898.9	869.7	835.9	798.2
25°	1001.1	1019.8	1030.5	1034.6	1030.5	1019.8	1001.1	974.1	942.4	905.2	862.2
22.5°	1076.1	1096.6	1110.5	1114.0	1110.5	1096.6	1076.1	1048.1	1014.2	975.2	929.3
20°	1151.3	1175.4	1193.2	1195.0	1193.2	1175.4	1151.3	1119.6	1081.5	1039.0	990.4
17.5°	1223.7	1249.8	1268.9	1273.5	1268.9	1249.8	1223.7	1189.3	1146.3	1099.2	1046.1
15°	1288.6	1315.9	1334.3	1338.4	1334.3	1315.9	1288.6	1252.8	1209.4	1158.1	1098.4
12.5°	1344.5	1369.7	1386.9	1393.5	1386.9	1369.7	1344.5	1308.7	1264.2	1209.0	1145.6
10°	1389.5	1409.0	1424.4	1431.3	1424.4	1409.0	1389.5	1353.9	1308.2	1251.0	1182.9
7.5°	1414.7	1430.7	1441.4	1445.2	1441.4	1430.7	1414.7	1386.4	1339.4	1279.1	1212.0
5°	1424.7	1440.0	1445.8	1449.1	1445.8	1440.0	1424.7	1395.2	1356.8	1302.2	1235.7
2.5°	1426.0	1438.3	1450.2	1458.0	1450.2	1438.3	1426.0	1403.9	1370.7	1319.0	1251.0
0°	1434.0	1446.0	1452.5	1456.3	1452.5	1446.0	1434.0	1414.1	1379.8	1329.2	1261.0
-2.5°	1426.0	1438.3	1450.2	1458.0	1450.2	1438.3	1426.0	1403.9	1370.7	1319.0	1251.0
-5°	1424.7	1440.0	1445.8	1449.1	1445.8	1440.0	1424.7	1395.2	1356.8	1302.2	1235.7
-7.5°	1414.7	1430.7	1441.4	1445.2	1441.4	1430.7	1414.7	1386.4	1339.4	1279.1	1212.0
-10°	1389.5	1409.0	1424.4	1431.3	1424.4	1409.0	1389.5	1353.9	1308.2	1251.0	1182.9
-12.5°	1344.5	1369.7	1386.9	1393.5	1386.9	1369.7	1344.5	1308.7	1264.2	1209.0	1145.6
-15°	1288.6	1315.9	1334.3	1338.4	1334.3	1315.9	1288.6	1252.8	1209.4	1158.1	1098.4
-17.5°	1223.7	1249.8	1268.9	1273.5	1268.9	1249.8	1223.7	1189.3	1146.3	1099.2	1046.1
-20°	1151.3	1175.4	1193.2	1195.0	1193.2	1175.4	1151.3	1119.6	1081.5	1039.0	990.4



REPORT NUMBER: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1076.1	1096.6	1110.5	1114.0	1110.5	1096.6	1076.1	1048.1	1014.2	975.2	929.3
-25°	1001.1	1019.8	1030.5	1034.6	1030.5	1019.8	1001.1	974.1	942.4	905.2	862.2
-27.5°	923.4	940.2	949.5	951.7	949.5	940.2	923.4	898.9	869.7	835.9	798.2
-30°	844.0	859.0	867.9	868.7	867.9	859.0	844.0	823.3	797.6	767.8	734.1
-32.5°	767.4	781.3	790.3	791.7	790.3	781.3	767.4	749.4	726.7	699.4	668.3
-35°	691.2	702.7	708.9	707.3	708.9	702.7	691.2	674.7	653.5	628.8	602.5
-37.5°	614.3	623.5	628.3	628.0	628.3	623.5	614.3	600.7	583.1	562.1	538.4
-40°	541.7	550.7	554.8	552.1	554.8	550.7	541.7	529.0	513.9	496.0	475.7
-42.5°	470.8	477.9	482.8	486.4	482.8	477.9	470.8	460.3	448.1	433.0	415.2
-45°	408.1	415.6	420.1	420.9	420.1	415.6	408.1	398.8	387.8	374.0	357.2
-47.5°	345.8	350.1	353.3	355.5	353.3	350.1	345.8	338.9	329.2	317.6	304.9
-50°	283.3	286.9	289.9	292.2	289.9	286.9	283.3	277.4	269.6	260.8	250.5
-52.5°	224.9	228.1	231.1	233.7	231.1	228.1	224.9	219.7	212.8	205.6	195.9
-55°	173.6	178.4	181.1	181.8	181.1	178.4	173.6	167.0	158.8	149.9	138.5
-57.5°	117.4	121.9	125.9	128.9	125.9	121.9	117.4	111.3	103.7	95.2	85.3
-60°	66.0	68.1	69.1	69.2	69.1	68.1	66.0	63.5	60.6	57.6	54.0
-62.5°	44.1	44.8	45.5	45.9	45.5	44.8	44.1	43.2	41.9	40.4	39.2
-65°	30.9	31.1	31.2	31.3	31.2	31.1	30.9	30.6	30.2	30.0	29.8
-67.5°	25.6	25.9	26.0	25.9	26.0	25.9	25.6	25.3	24.9	24.4	23.8
-70°	20.4	20.7	20.5	20.2	20.5	20.7	20.4	20.2	20.1	20.0	19.7
-72.5°	11.6	9.8	8.5	7.3	8.5	9.8	11.6	13.4	15.1	16.4	16.2
-75°	7.9	5.7	5.6	5.6	5.6	5.7	7.9	9.9	12.0	13.5	13.3
-77.5°	6.0	4.4	4.2	4.1	4.2	4.4	6.0	7.6	9.1	10.2	10.2
-80°	3.5	2.8	2.9	3.0	2.9	2.8	3.5	4.2	4.9	5.5	6.0
-82.5°	2.2	1.7	1.8	1.9	1.8	1.7	2.2	2.6	3.0	3.4	3.5
-85°	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.0	1.0
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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):

	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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
85°	1.0	1.0	0.9	1.0	1.1	1.1	1.2	1.0	0.9	0.8	0.7
82.5°	3.7	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.0	1.6	1.3
80°	6.4	6.7	6.9	6.7	6.4	6.0	5.5	4.5	3.6	2.9	2.4
77.5°	10.1	10.1	10.0	9.7	9.4	9.1	8.5	7.0	5.6	4.3	3.6
75°	13.2	13.0	12.8	12.4	11.9	11.3	10.7	9.6	8.3	6.7	5.6
72.5°	15.9	15.6	15.2	14.8	14.3	13.8	13.1	12.2	11.2	10.1	9.2
70°	19.2	18.8	18.3	17.7	17.2	16.6	15.9	15.1	14.0	12.9	12.3
67.5°	23.1	22.4	21.8	21.0	20.3	19.5	19.1	18.4	17.5	16.3	15.5
65°	29.0	27.6	26.7	26.6	25.9	24.5	23.1	22.4	21.6	20.4	19.0
62.5°	38.1	37.4	35.5	33.8	32.5	31.5	29.7	27.8	26.3	25.0	23.2
60°	49.9	45.3	43.4	41.3	38.9	36.6	35.0	33.1	30.9	29.2	27.3
57.5°	74.3	65.3	60.0	54.1	47.7	44.2	41.6	38.7	36.2	33.7	31.4
55°	124.5	111.5	97.5	81.4	66.3	59.6	52.1	46.2	42.6	38.5	35.7
52.5°	183.5	167.8	150.3	131.0	111.4	90.6	70.0	61.3	51.3	45.1	40.5
50°	238.2	221.8	204.5	185.6	162.3	136.9	112.1	87.4	67.3	55.8	46.6
47.5°	290.0	272.1	252.9	232.5	211.0	187.0	158.0	127.6	99.0	70.3	57.9
45°	340.2	321.0	299.5	277.3	254.2	229.6	203.7	172.5	138.1	105.1	71.0
42.5°	394.5	371.2	347.1	322.3	295.9	269.8	242.3	213.1	180.1	142.2	105.3
40°	452.1	426.3	398.8	369.4	340.0	309.0	279.4	248.6	216.5	180.7	139.1
37.5°	511.2	481.6	451.6	419.2	385.7	351.6	317.1	283.2	248.9	214.0	173.7
35°	572.6	539.9	505.2	469.8	432.1	395.0	356.9	318.4	280.9	243.6	205.1
32.5°	634.5	598.6	559.9	520.7	479.9	438.0	396.8	355.0	312.2	272.4	232.1
30°	697.0	657.2	615.0	570.2	525.8	481.0	435.6	389.8	343.9	299.7	257.9
27.5°	758.3	715.1	669.2	620.5	569.7	521.7	472.9	423.2	373.8	326.7	281.9
25°	818.8	771.5	720.5	668.4	615.1	559.3	507.4	455.2	403.2	352.0	303.5
22.5°	879.1	826.1	770.1	712.6	656.7	597.8	540.0	484.5	430.3	376.0	324.7
20°	936.8	878.5	818.0	755.8	693.9	633.2	571.0	512.0	454.7	398.5	344.4
17.5°	987.8	926.0	862.4	795.2	729.1	664.7	600.2	537.1	476.8	418.0	362.2
15°	1034.8	969.3	901.7	831.4	761.1	692.1	625.5	559.3	496.6	435.4	378.1
12.5°	1077.5	1008.0	937.2	863.1	789.4	716.4	647.0	579.2	513.9	450.9	391.4
10°	1112.4	1040.2	966.6	890.5	813.7	737.5	664.8	595.3	527.9	463.2	402.6
7.5°	1140.8	1065.5	989.0	912.3	833.2	755.2	679.7	607.5	538.8	472.2	411.3
5°	1162.9	1085.4	1006.2	928.3	847.2	767.5	690.8	615.7	546.4	478.0	417.6
2.5°	1178.1	1098.9	1016.8	937.9	856.3	775.2	699.1	622.1	551.9	484.1	423.1
0°	1187.3	1109.0	1024.8	944.6	864.6	779.5	704.7	626.4	554.2	488.0	426.0
-2.5°	1178.1	1098.9	1016.8	937.9	856.3	775.2	699.1	622.1	551.9	484.1	423.1
-5°	1162.9	1085.4	1006.2	928.3	847.2	767.5	690.8	615.7	546.4	478.0	417.6
-7.5°	1140.8	1065.5	989.0	912.3	833.2	755.2	679.7	607.5	538.8	472.2	411.3
-10°	1112.4	1040.2	966.6	890.5	813.7	737.5	664.8	595.3	527.9	463.2	402.6
-12.5°	1077.5	1008.0	937.2	863.1	789.4	716.4	647.0	579.2	513.9	450.9	391.4
-15°	1034.8	969.3	901.7	831.4	761.1	692.1	625.5	559.3	496.6	435.4	378.1
-17.5°	987.8	926.0	862.4	795.2	729.1	664.7	600.2	537.1	476.8	418.0	362.2
-20°	936.8	878.5	818.0	755.8	693.9	633.2	571.0	512.0	454.7	398.5	344.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	879.1	826.1	770.1	712.6	656.7	597.8	540.0	484.5	430.3	376.0	324.7
-25°	818.8	771.5	720.5	668.4	615.1	559.3	507.4	455.2	403.2	352.0	303.5
-27.5°	758.3	715.1	669.2	620.5	569.7	521.7	472.9	423.2	373.8	326.7	281.9
-30°	697.0	657.2	615.0	570.2	525.8	481.0	435.6	389.8	343.9	299.7	257.9
-32.5°	634.5	598.6	559.9	520.7	479.9	438.0	396.8	355.0	312.2	272.4	232.1
-35°	572.6	539.9	505.2	469.8	432.1	395.0	356.9	318.4	280.9	243.6	205.1
-37.5°	511.2	481.6	451.6	419.2	385.7	351.6	317.1	283.2	248.9	214.0	173.7
-40°	452.1	426.3	398.8	369.4	340.0	309.0	279.4	248.6	216.5	180.7	139.1
-42.5°	394.5	371.2	347.1	322.3	295.9	269.8	242.3	213.1	180.1	142.2	105.3
-45°	340.2	321.0	299.5	277.3	254.2	229.6	203.7	172.5	138.1	105.1	71.0
-47.5°	290.0	272.1	252.9	232.5	211.0	187.0	158.0	127.6	99.0	70.3	57.9
-50°	238.2	221.8	204.5	185.6	162.3	136.9	112.1	87.4	67.3	55.8	46.6
-52.5°	183.5	167.8	150.3	131.0	111.4	90.6	70.0	61.3	51.3	45.1	40.5
-55°	124.5	111.5	97.5	81.4	66.3	59.6	52.1	46.2	42.6	38.5	35.7
-57.5°	74.3	65.3	60.0	54.1	47.7	44.2	41.6	38.7	36.2	33.7	31.4
-60°	49.9	45.3	43.4	41.3	38.9	36.6	35.0	33.1	30.9	29.2	27.3
-62.5°	38.1	37.4	35.5	33.8	32.5	31.5	29.7	27.8	26.3	25.0	23.2
-65°	29.0	27.6	26.7	26.6	25.9	24.5	23.1	22.4	21.6	20.4	19.0
-67.5°	23.1	22.4	21.8	21.0	20.3	19.5	19.1	18.4	17.5	16.3	15.5
-70°	19.2	18.8	18.3	17.7	17.2	16.6	15.9	15.1	14.0	12.9	12.3
-72.5°	15.9	15.6	15.2	14.8	14.3	13.8	13.1	12.2	11.2	10.1	9.2
-75°	13.2	13.0	12.8	12.4	11.9	11.3	10.7	9.6	8.3	6.7	5.6
-77.5°	10.1	10.1	10.0	9.7	9.4	9.1	8.5	7.0	5.6	4.3	3.6
-80°	6.4	6.7	6.9	6.7	6.4	6.0	5.5	4.5	3.6	2.9	2.4
-82.5°	3.7	3.8	3.8	3.6	3.4	3.2	2.9	2.5	2.0	1.6	1.3
-85°	1.0	1.0	0.9	1.0	1.1	1.1	1.2	1.0	0.9	0.8	0.7
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
-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: P558475 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-WR-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°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
85°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
82.5°	1.3	1.3	1.4	1.3	1.3	1.3	1.2	1.1	0.9	0.6	0.5
80°	2.7	2.9	2.9	2.7	2.4	2.1	2.0	1.8	1.5	1.2	0.9
77.5°	4.2	4.6	4.8	4.7	4.2	3.7	3.2	2.7	2.2	1.8	1.4
75°	5.7	6.2	6.6	6.6	6.1	5.3	4.7	4.0	3.2	2.4	1.9
72.5°	8.7	8.5	8.5	8.6	8.1	7.4	6.4	5.3	4.4	3.4	2.5
70°	11.7	10.9	10.4	10.3	10.0	9.5	8.6	7.1	5.6	4.5	3.4
67.5°	14.8	14.0	13.0	12.2	11.8	11.4	10.6	8.9	7.1	5.5	4.3
65°	18.0	17.1	16.1	14.9	13.9	13.2	12.5	10.7	8.6	6.8	5.2
62.5°	21.5	20.0	18.8	17.4	16.1	15.1	14.3	12.3	10.1	8.0	6.1
60°	25.3	23.4	21.5	19.8	18.2	16.8	15.7	14.0	11.7	9.1	7.1
57.5°	29.3	26.9	24.4	22.3	20.4	18.7	17.0	15.4	13.3	10.5	7.9
55°	33.2	30.6	27.4	24.8	22.6	20.6	18.5	16.7	14.7	12.0	8.6
52.5°	37.0	34.0	30.7	27.3	24.6	22.4	20.1	18.0	15.9	13.4	9.6
50°	41.6	37.3	33.8	30.2	26.7	24.1	21.6	19.3	17.1	14.7	10.5
47.5°	47.0	41.5	36.9	33.0	29.2	25.8	23.1	20.5	18.3	15.8	11.3
45°	57.7	46.3	40.5	35.8	31.5	27.8	24.6	21.7	19.3	16.2	11.9
42.5°	69.8	55.2	44.8	38.7	34.1	29.8	26.0	23.0	20.2	16.5	12.3
40°	99.2	66.4	50.5	42.4	36.7	31.6	27.7	24.2	21.0	16.7	12.5
37.5°	129.4	87.1	60.5	46.1	39.4	33.9	29.3	25.5	21.4	16.9	12.5
35°	160.1	114.1	70.4	52.7	42.6	36.1	30.7	26.7	22.2	17.1	12.5
32.5°	189.2	140.3	93.0	61.4	45.8	38.3	32.4	27.9	23.2	17.2	12.3
30°	214.2	165.7	115.4	69.8	50.1	40.9	34.2	29.1	24.3	17.4	12.1
27.5°	236.9	189.4	136.5	86.0	57.3	43.5	36.0	30.2	25.7	17.8	12.1
25°	257.7	209.7	156.8	103.7	64.1	45.9	37.6	31.2	26.8	18.7	12.2
22.5°	276.1	227.7	175.4	119.9	70.2	48.3	39.3	32.5	27.6	19.7	12.1
20°	292.7	244.0	192.3	134.9	80.2	53.3	41.1	33.7	28.4	20.7	12.1
17.5°	307.5	258.2	206.5	149.0	92.2	57.8	42.8	34.7	29.0	21.7	11.9
15°	322.1	270.3	218.5	161.5	102.8	61.6	44.3	35.6	29.6	22.7	11.9
12.5°	334.3	280.7	228.7	172.3	111.8	64.9	45.6	36.3	30.2	23.6	11.8
10°	344.1	289.2	237.0	181.4	119.4	67.6	46.8	36.9	30.5	24.3	11.6
7.5°	351.5	295.9	243.4	188.6	125.4	69.8	47.5	37.2	30.9	24.9	11.2
5°	356.9	301.0	248.0	194.0	129.7	71.6	48.0	37.4	31.1	25.3	10.7
2.5°	361.3	304.5	251.0	197.4	132.3	72.8	48.2	37.4	31.2	25.5	10.2
0°	363.4	306.1	252.1	198.9	133.3	73.5	48.2	37.3	31.3	25.5	9.6
-2.5°	361.3	304.5	251.0	197.4	132.3	72.8	48.2	37.4	31.2	25.5	10.2
-5°	356.9	301.0	248.0	194.0	129.7	71.6	48.0	37.4	31.1	25.3	10.7
-7.5°	351.5	295.9	243.4	188.6	125.4	69.8	47.5	37.2	30.9	24.9	11.2
-10°	344.1	289.2	237.0	181.4	119.4	67.6	46.8	36.9	30.5	24.3	11.6
-12.5°	334.3	280.7	228.7	172.3	111.8	64.9	45.6	36.3	30.2	23.6	11.8
-15°	322.1	270.3	218.5	161.5	102.8	61.6	44.3	35.6	29.6	22.7	11.9
-17.5°	307.5	258.2	206.5	149.0	92.2	57.8	42.8	34.7	29.0	21.7	11.9
-20°	292.7	244.0	192.3	134.9	80.2	53.3	41.1	33.7	28.4	20.7	12.1



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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°	276.1	227.7	175.4	119.9	70.2	48.3	39.3	32.5	27.6	19.7	12.1
-25°	257.7	209.7	156.8	103.7	64.1	45.9	37.6	31.2	26.8	18.7	12.2
-27.5°	236.9	189.4	136.5	86.0	57.3	43.5	36.0	30.2	25.7	17.8	12.1
-30°	214.2	165.7	115.4	69.8	50.1	40.9	34.2	29.1	24.3	17.4	12.1
-32.5°	189.2	140.3	93.0	61.4	45.8	38.3	32.4	27.9	23.2	17.2	12.3
-35°	160.1	114.1	70.4	52.7	42.6	36.1	30.7	26.7	22.2	17.1	12.5
-37.5°	129.4	87.1	60.5	46.1	39.4	33.9	29.3	25.5	21.4	16.9	12.5
-40°	99.2	66.4	50.5	42.4	36.7	31.6	27.7	24.2	21.0	16.7	12.5
-42.5°	69.8	55.2	44.8	38.7	34.1	29.8	26.0	23.0	20.2	16.5	12.3
-45°	57.7	46.3	40.5	35.8	31.5	27.8	24.6	21.7	19.3	16.2	11.9
-47.5°	47.0	41.5	36.9	33.0	29.2	25.8	23.1	20.5	18.3	15.8	11.3
-50°	41.6	37.3	33.8	30.2	26.7	24.1	21.6	19.3	17.1	14.7	10.5
-52.5°	37.0	34.0	30.7	27.3	24.6	22.4	20.1	18.0	15.9	13.4	9.6
-55°	33.2	30.6	27.4	24.8	22.6	20.6	18.5	16.7	14.7	12.0	8.6
-57.5°	29.3	26.9	24.4	22.3	20.4	18.7	17.0	15.4	13.3	10.5	7.9
-60°	25.3	23.4	21.5	19.8	18.2	16.8	15.7	14.0	11.7	9.1	7.1
-62.5°	21.5	20.0	18.8	17.4	16.1	15.1	14.3	12.3	10.1	8.0	6.1
-65°	18.0	17.1	16.1	14.9	13.9	13.2	12.5	10.7	8.6	6.8	5.2
-67.5°	14.8	14.0	13.0	12.2	11.8	11.4	10.6	8.9	7.1	5.5	4.3
-70°	11.7	10.9	10.4	10.3	10.0	9.5	8.6	7.1	5.6	4.5	3.4
-72.5°	8.7	8.5	8.5	8.6	8.1	7.4	6.4	5.3	4.4	3.4	2.5
-75°	5.7	6.2	6.6	6.6	6.1	5.3	4.7	4.0	3.2	2.4	1.9
-77.5°	4.2	4.6	4.8	4.7	4.2	3.7	3.2	2.7	2.2	1.8	1.4
-80°	2.7	2.9	2.9	2.7	2.4	2.1	2.0	1.8	1.5	1.2	0.9
-82.5°	1.3	1.3	1.4	1.3	1.3	1.3	1.2	1.1	0.9	0.6	0.5
-85°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
-87.5°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
-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°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	1.0	0.7	0.5	0.4	0.3	0.1	0.0
75°	1.4	1.0	0.6	0.5	0.3	0.2	0.0
72.5°	1.8	1.3	0.8	0.5	0.4	0.2	0.0
70°	2.2	1.5	1.0	0.6	0.4	0.2	0.0
67.5°	2.9	1.8	1.2	0.7	0.5	0.2	0.0
65°	3.6	2.1	1.3	0.8	0.5	0.3	0.0
62.5°	4.2	2.5	1.5	0.9	0.6	0.3	0.0
60°	4.7	2.9	1.6	1.0	0.6	0.3	0.0
57.5°	5.3	3.3	1.9	1.1	0.7	0.3	0.0
55°	5.8	3.6	2.1	1.2	0.7	0.3	0.0
52.5°	6.2	3.9	2.2	1.2	0.8	0.4	0.0
50°	6.6	4.1	2.4	1.3	0.8	0.4	0.0
47.5°	6.9	4.3	2.5	1.4	0.8	0.4	0.0
45°	7.5	4.5	2.6	1.4	0.9	0.4	0.0
42.5°	7.9	4.6	2.7	1.5	0.9	0.4	0.0
40°	8.3	4.7	2.7	1.6	1.0	0.5	0.0
37.5°	8.6	4.7	2.8	1.6	1.0	0.5	0.0
35°	8.7	4.8	2.8	1.7	1.0	0.5	0.0
32.5°	8.8	4.9	2.7	1.8	1.1	0.5	0.0
30°	8.6	5.0	2.7	1.8	1.1	0.5	0.0
27.5°	8.4	5.0	2.8	1.9	1.1	0.5	0.0
25°	8.1	4.9	2.8	1.9	1.2	0.5	0.0
22.5°	7.7	4.9	2.9	2.0	1.2	0.6	0.0
20°	7.3	5.2	3.0	2.0	1.2	0.6	0.0
17.5°	7.2	5.4	3.1	2.1	1.2	0.6	0.0
15°	7.4	5.5	3.1	2.1	1.3	0.6	0.0
12.5°	7.5	5.7	3.2	2.1	1.3	0.6	0.0
10°	7.6	5.8	3.3	2.2	1.3	0.6	0.0
7.5°	7.7	5.9	3.3	2.2	1.3	0.6	0.0
5°	7.8	5.9	3.3	2.2	1.3	0.6	0.0
2.5°	7.9	6.0	3.4	2.2	1.3	0.6	0.0
0°	7.9	6.0	3.4	2.2	1.3	0.6	0.0
-2.5°	7.9	6.0	3.4	2.2	1.3	0.6	0.0
-5°	7.8	5.9	3.3	2.2	1.3	0.6	0.0
-7.5°	7.7	5.9	3.3	2.2	1.3	0.6	0.0
-10°	7.6	5.8	3.3	2.2	1.3	0.6	0.0
-12.5°	7.5	5.7	3.2	2.1	1.3	0.6	0.0
-15°	7.4	5.5	3.1	2.1	1.3	0.6	0.0
-17.5°	7.2	5.4	3.1	2.1	1.2	0.6	0.0
-20°	7.3	5.2	3.0	2.0	1.2	0.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.7	4.9	2.9	2.0	1.2	0.6	0.0
-25°	8.1	4.9	2.8	1.9	1.2	0.5	0.0
-27.5°	8.4	5.0	2.8	1.9	1.1	0.5	0.0
-30°	8.6	5.0	2.7	1.8	1.1	0.5	0.0
-32.5°	8.8	4.9	2.7	1.8	1.1	0.5	0.0
-35°	8.7	4.8	2.8	1.7	1.0	0.5	0.0
-37.5°	8.6	4.7	2.8	1.6	1.0	0.5	0.0
-40°	8.3	4.7	2.7	1.6	1.0	0.5	0.0
-42.5°	7.9	4.6	2.7	1.5	0.9	0.4	0.0
-45°	7.5	4.5	2.6	1.4	0.9	0.4	0.0
-47.5°	6.9	4.3	2.5	1.4	0.8	0.4	0.0
-50°	6.6	4.1	2.4	1.3	0.8	0.4	0.0
-52.5°	6.2	3.9	2.2	1.2	0.8	0.4	0.0
-55°	5.8	3.6	2.1	1.2	0.7	0.3	0.0
-57.5°	5.3	3.3	1.9	1.1	0.7	0.3	0.0
-60°	4.7	2.9	1.6	1.0	0.6	0.3	0.0
-62.5°	4.2	2.5	1.5	0.9	0.6	0.3	0.0
-65°	3.6	2.1	1.3	0.8	0.5	0.3	0.0
-67.5°	2.9	1.8	1.2	0.7	0.5	0.2	0.0
-70°	2.2	1.5	1.0	0.6	0.4	0.2	0.0
-72.5°	1.8	1.3	0.8	0.5	0.4	0.2	0.0
-75°	1.4	1.0	0.6	0.5	0.3	0.2	0.0
-77.5°	1.0	0.7	0.5	0.4	0.3	0.1	0.0
-80°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)