

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: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1E-930-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

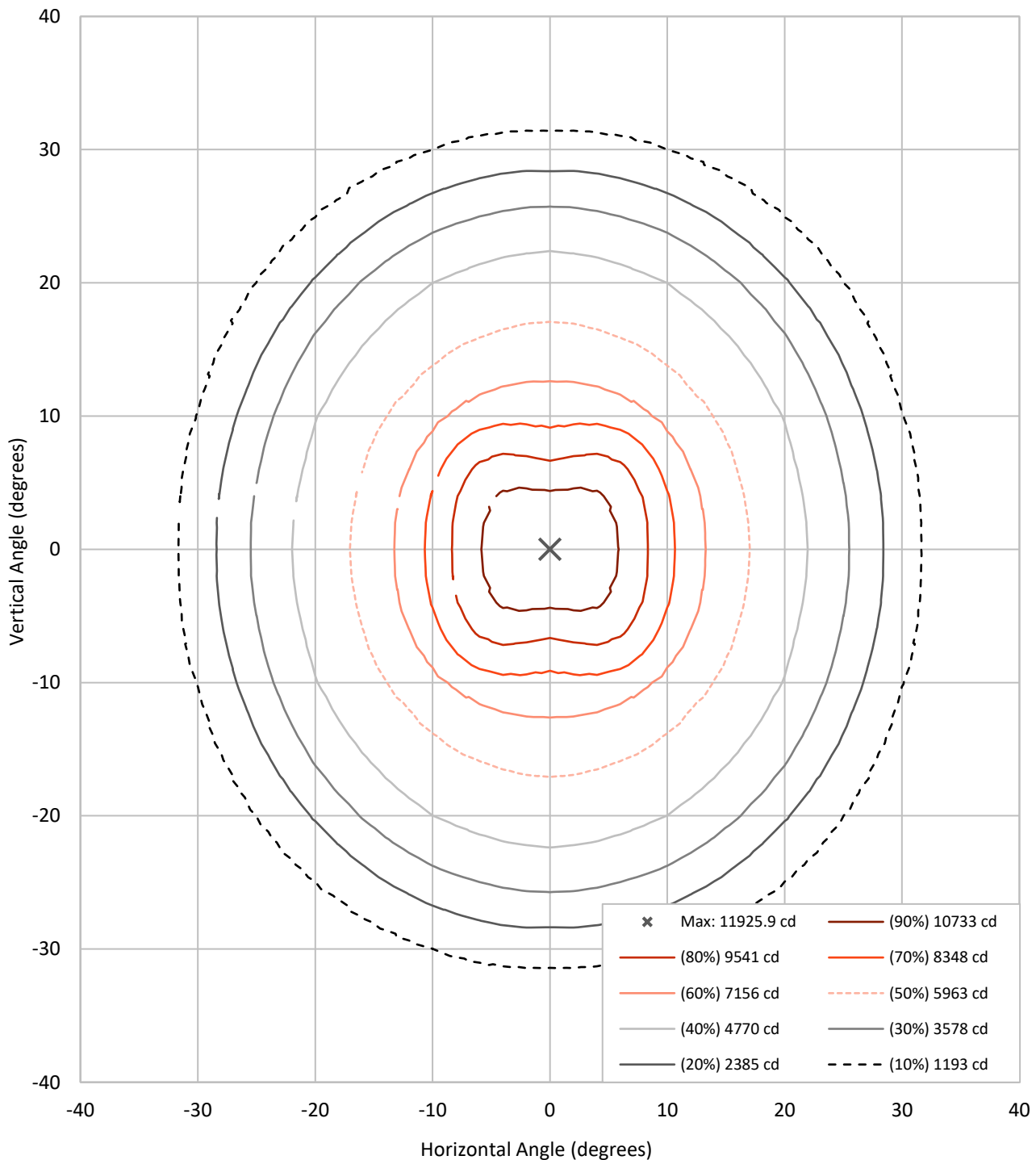
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5275.7 lumens	Max Intensity:	11925.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2247.1 lumens	Field Lumens:	4592.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 64
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





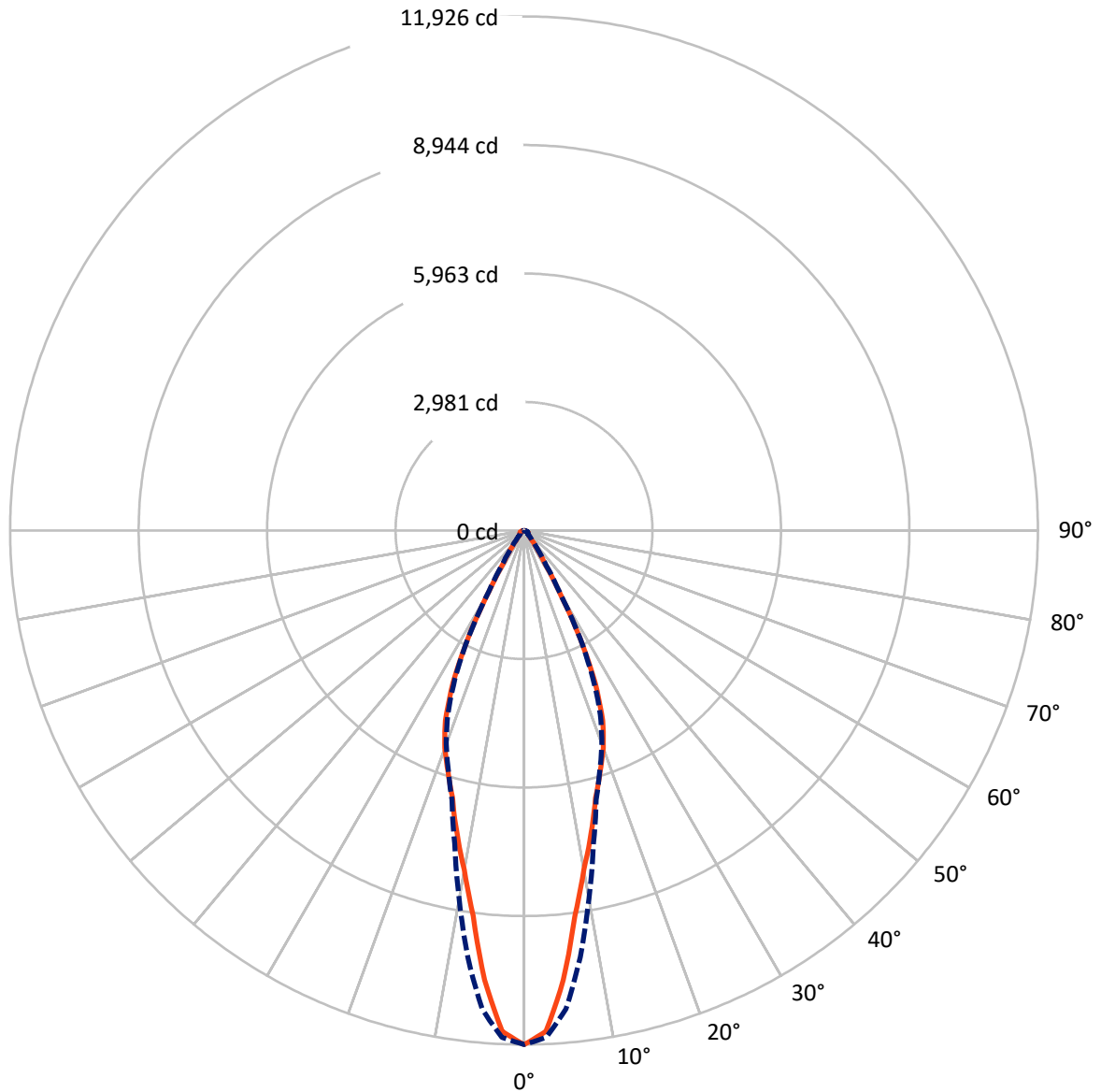
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Lumen Table

90																
80	0.1	0.6		1.6		2.7		3.1		2.7		1.6		0.6		0.1
70																
60	0.3	0.3	0.7	1.2	1.7	2.2	2.6	2.8	2.8	2.6	2.2	1.7	1.2	0.7	0.3	0.3
50		0.5	1.1	1.9	2.5	2.9	3.0	3.1	3.1	3.0	2.9	2.5	1.9	1.1	0.5	
40	0.5	0.7	1.5	2.2	2.6	3.2	4.2	4.8	4.8	4.2	3.2	2.6	2.2	1.5	0.7	0.5
30		0.9	1.7	2.3	3.4	6.7	12.8	19.5	19.5	12.8	6.7	3.4	2.3	1.7	0.9	
20	0.7	1.0	1.8	2.5	6.2	20.5	64.6	106.3	106.3	64.6	20.5	6.2	2.5	1.8	1.0	0.7
10		1.1	1.8	3.1	11.5	60.8	143.8	190.4	190.4	143.8	60.8	11.5	3.1	1.8	1.1	
0	0.8	1.2	1.8	3.6	17.5	95.9	187.0	295.1	295.1	187.0	95.9	17.5	3.6	1.8	1.2	0.8
-10		1.2	1.8	3.6	17.5	95.9	187.0	295.1	295.1	187.0	95.9	17.5	3.6	1.8	1.2	
-20	0.7	1.1	1.8	3.1	11.5	60.8	143.8	190.4	190.4	143.8	60.8	11.5	3.1	1.8	1.1	0.7
-30		1.0	1.8	2.5	6.2	20.5	64.6	106.3	106.3	64.6	20.5	6.2	2.5	1.8	1.0	
-40	0.5	0.9	1.7	2.3	3.4	6.7	12.8	19.5	19.5	12.8	6.7	3.4	2.3	1.7	0.9	0.5
-50		0.7	1.5	2.2	2.6	3.2	4.2	4.8	4.8	4.2	3.2	2.6	2.2	1.5	0.7	
-60	0.3	0.5	1.1	1.9	2.5	2.9	3.0	3.1	3.1	3.0	2.9	2.5	1.9	1.1	0.5	0.3
-70		0.3	0.7	1.2	1.7	2.2	2.6	2.8	2.8	2.6	2.2	1.7	1.2	0.7	0.3	
-80																
-90	0.1	0.6		1.6		2.7		3.1		2.7		1.6		0.6		0.1

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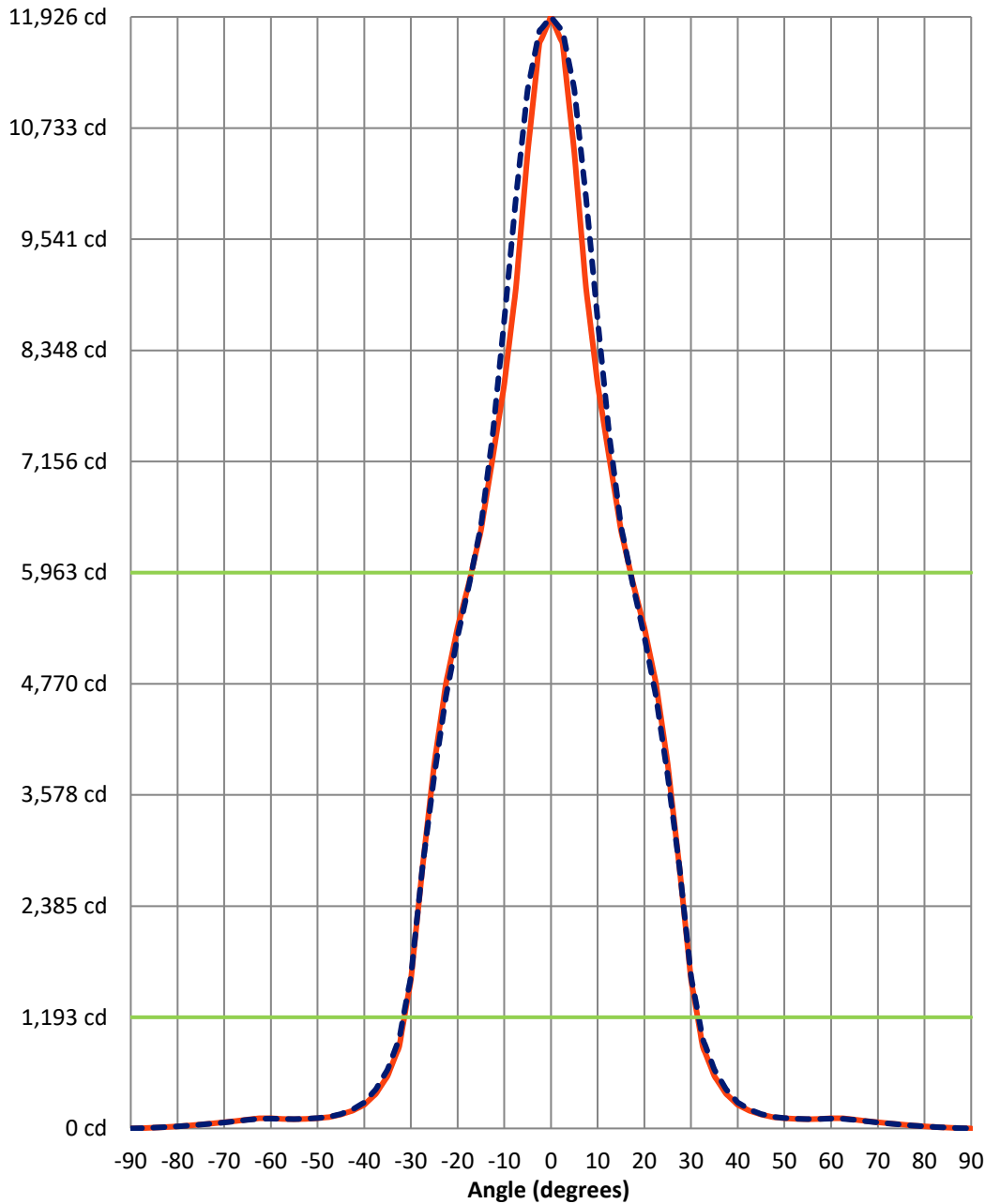
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 2247.1
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 4592.6
 Efficiency: 87.1%

Spill:
 Lumens: 683.1
 Efficiency: 12.9%

— 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	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.8	4.4
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.1	4.9	5.7	6.5
77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.6	5.7	6.8	7.7	8.7
75°	0.0	0.8	1.6	2.3	3.2	4.6	6.0	7.3	8.6	9.9	11.2
72.5°	0.0	0.9	1.8	2.7	4.1	5.7	7.4	8.9	10.5	12.1	13.7
70°	0.0	1.0	2.0	3.1	4.9	6.8	8.7	10.6	12.4	14.3	16.7
67.5°	0.0	1.1	2.3	3.8	5.8	7.9	10.1	12.2	14.3	17.0	19.7
65°	0.0	1.3	2.5	4.4	6.6	9.0	11.5	13.8	16.7	19.7	22.9
62.5°	0.0	1.4	2.8	5.0	7.4	10.2	12.8	15.7	19.0	22.5	26.6
60°	0.0	1.5	3.0	5.6	8.2	11.3	14.1	17.7	21.3	25.8	30.2
57.5°	0.0	1.6	3.4	6.1	9.2	12.4	15.8	19.7	24.1	29.0	34.0
55°	0.0	1.7	3.8	6.7	10.1	13.5	17.5	21.6	26.8	32.1	37.6
52.5°	0.0	1.8	4.1	7.2	10.9	14.7	19.1	23.9	29.5	35.3	41.2
50°	0.0	1.9	4.5	7.8	11.8	16.0	20.7	26.2	32.2	38.3	44.9
47.5°	0.0	2.0	4.8	8.3	12.6	17.2	22.3	28.4	34.7	41.1	48.5
45°	0.0	2.1	5.2	8.9	13.5	18.5	24.0	30.4	37.1	44.3	52.1
42.5°	0.0	2.2	5.5	9.5	14.2	19.6	25.7	32.5	39.5	47.5	55.8
40°	0.0	2.3	5.8	10.1	15.1	20.8	27.3	34.4	41.9	50.5	59.4
37.5°	0.0	2.4	6.1	10.6	15.9	21.8	28.8	36.3	44.4	53.4	62.8
35°	0.0	2.5	6.4	11.1	16.7	22.9	30.2	38.1	46.8	56.3	66.1
32.5°	0.0	2.5	6.7	11.6	17.5	24.0	31.5	39.8	49.1	59.0	69.2
30°	0.0	2.6	6.9	12.0	18.2	25.0	32.8	41.4	51.1	61.5	72.1
27.5°	0.0	2.7	7.2	12.4	18.8	26.0	34.1	43.1	53.1	63.8	74.8
25°	0.0	2.7	7.4	12.8	19.4	26.8	35.2	44.7	55.0	66.0	77.3
22.5°	0.0	2.8	7.6	13.1	19.9	27.6	36.3	46.1	56.7	68.0	79.8
20°	0.0	2.8	7.8	13.3	20.3	28.2	37.3	47.3	58.3	69.8	82.1
17.5°	0.0	2.9	7.9	13.6	20.7	28.8	38.1	48.4	59.6	71.5	84.1
15°	0.0	2.9	8.1	13.8	21.0	29.2	38.9	49.4	60.8	72.9	85.8
12.5°	0.0	2.9	8.2	13.9	21.3	29.6	39.5	50.2	61.8	74.1	87.2
10°	0.0	3.0	8.3	14.1	21.5	30.0	40.0	50.9	62.5	75.1	88.5
7.5°	0.0	3.0	8.4	14.1	21.7	30.2	40.5	51.4	63.1	76.0	89.8
5°	0.0	3.0	8.5	14.2	21.8	30.3	40.8	51.8	63.5	76.7	90.8
2.5°	0.0	3.0	8.6	14.2	21.8	30.4	40.9	52.0	63.7	77.2	91.6
0°	0.0	3.0	8.6	14.2	21.8	30.4	41.0	52.1	63.7	77.4	92.1
-2.5°	0.0	3.0	8.6	14.2	21.8	30.4	40.9	52.0	63.7	77.2	91.6
-5°	0.0	3.0	8.5	14.2	21.8	30.3	40.8	51.8	63.5	76.7	90.8
-7.5°	0.0	3.0	8.4	14.1	21.7	30.2	40.5	51.4	63.1	76.0	89.8
-10°	0.0	3.0	8.3	14.1	21.5	30.0	40.0	50.9	62.5	75.1	88.5
-12.5°	0.0	2.9	8.2	13.9	21.3	29.6	39.5	50.2	61.8	74.1	87.2
-15°	0.0	2.9	8.1	13.8	21.0	29.2	38.9	49.4	60.8	72.9	85.8
-17.5°	0.0	2.9	7.9	13.6	20.7	28.8	38.1	48.4	59.6	71.5	84.1
-20°	0.0	2.8	7.8	13.3	20.3	28.2	37.3	47.3	58.3	69.8	82.1



REPORT NUMBER: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	7.6	13.1	19.9	27.6	36.3	46.1	56.7	68.0	79.8
-25°	0.0	2.7	7.4	12.8	19.4	26.8	35.2	44.7	55.0	66.0	77.3
-27.5°	0.0	2.7	7.2	12.4	18.8	26.0	34.1	43.1	53.1	63.8	74.8
-30°	0.0	2.6	6.9	12.0	18.2	25.0	32.8	41.4	51.1	61.5	72.1
-32.5°	0.0	2.5	6.7	11.6	17.5	24.0	31.5	39.8	49.1	59.0	69.2
-35°	0.0	2.5	6.4	11.1	16.7	22.9	30.2	38.1	46.8	56.3	66.1
-37.5°	0.0	2.4	6.1	10.6	15.9	21.8	28.8	36.3	44.4	53.4	62.8
-40°	0.0	2.3	5.8	10.1	15.1	20.8	27.3	34.4	41.9	50.5	59.4
-42.5°	0.0	2.2	5.5	9.5	14.2	19.6	25.7	32.5	39.5	47.5	55.8
-45°	0.0	2.1	5.2	8.9	13.5	18.5	24.0	30.4	37.1	44.3	52.1
-47.5°	0.0	2.0	4.8	8.3	12.6	17.2	22.3	28.4	34.7	41.1	48.5
-50°	0.0	1.9	4.5	7.8	11.8	16.0	20.7	26.2	32.2	38.3	44.9
-52.5°	0.0	1.8	4.1	7.2	10.9	14.7	19.1	23.9	29.5	35.3	41.2
-55°	0.0	1.7	3.8	6.7	10.1	13.5	17.5	21.6	26.8	32.1	37.6
-57.5°	0.0	1.6	3.4	6.1	9.2	12.4	15.8	19.7	24.1	29.0	34.0
-60°	0.0	1.5	3.0	5.6	8.2	11.3	14.1	17.7	21.3	25.8	30.2
-62.5°	0.0	1.4	2.8	5.0	7.4	10.2	12.8	15.7	19.0	22.5	26.6
-65°	0.0	1.3	2.5	4.4	6.6	9.0	11.5	13.8	16.7	19.7	22.9
-67.5°	0.0	1.1	2.3	3.8	5.8	7.9	10.1	12.2	14.3	17.0	19.7
-70°	0.0	1.0	2.0	3.1	4.9	6.8	8.7	10.6	12.4	14.3	16.7
-72.5°	0.0	0.9	1.8	2.7	4.1	5.7	7.4	8.9	10.5	12.1	13.7
-75°	0.0	0.8	1.6	2.3	3.2	4.6	6.0	7.3	8.6	9.9	11.2
-77.5°	0.0	0.6	1.3	1.9	2.6	3.4	4.6	5.7	6.8	7.7	8.7
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.2	4.1	4.9	5.7	6.5
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.8	4.4
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	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



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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°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
85°	2.8	3.0	3.4	3.7	4.1	4.4	4.7	4.9	5.2	5.4	5.7
82.5°	4.9	5.5	6.1	6.7	7.1	7.5	7.9	8.5	9.1	9.7	10.3
80°	7.3	8.1	9.0	10.0	10.9	11.7	12.6	13.4	14.3	15.2	16.1
77.5°	9.9	11.2	12.4	13.7	14.9	16.4	17.8	19.2	20.4	21.6	22.6
75°	12.7	14.2	16.1	18.0	19.8	21.6	23.4	25.3	27.1	28.6	30.1
72.5°	15.7	18.0	20.2	22.5	25.0	27.4	29.7	32.0	34.0	36.0	37.9
70°	19.1	21.7	24.7	27.7	30.6	33.4	36.1	38.6	41.0	43.5	46.2
67.5°	22.6	26.1	29.5	32.9	36.3	39.5	42.4	45.7	49.0	52.1	55.2
65°	26.6	30.5	34.5	38.4	42.1	45.9	49.7	53.4	57.3	60.9	64.3
62.5°	30.7	35.2	39.6	43.9	48.3	52.6	57.1	61.5	65.8	70.2	74.4
60°	35.0	39.9	44.7	49.6	54.5	59.7	64.7	69.9	75.0	80.0	84.8
57.5°	39.2	44.5	49.8	55.4	61.2	66.9	72.7	78.5	84.5	90.2	95.1
55°	43.4	49.1	55.1	61.4	67.8	74.3	80.8	87.6	94.0	98.8	103.3
52.5°	47.5	53.7	60.6	67.4	74.5	81.8	89.5	96.0	101.3	105.4	106.4
50°	51.6	58.7	65.9	73.5	81.3	89.6	96.9	102.8	105.8	106.9	106.3
47.5°	55.9	63.5	71.3	79.4	88.2	96.1	103.0	106.0	107.4	105.9	103.9
45°	60.2	68.4	76.5	85.5	94.2	101.7	105.6	107.8	105.8	103.9	102.6
42.5°	64.3	73.0	82.0	91.3	99.4	104.7	107.1	105.9	104.2	102.8	103.3
40°	68.4	77.5	87.4	96.1	103.4	106.1	105.7	104.1	103.2	103.8	105.8
37.5°	72.3	82.3	92.3	100.7	104.6	105.7	103.9	103.0	103.7	106.0	110.6
35°	76.0	86.8	96.4	103.4	106.0	104.2	102.9	102.7	105.4	110.3	117.1
32.5°	79.8	91.2	100.2	104.6	105.0	103.0	102.0	104.3	108.5	115.0	126.3
30°	83.5	94.5	103.0	105.6	103.8	102.2	102.8	106.1	111.9	122.6	141.0
27.5°	86.8	97.5	103.9	105.1	102.8	101.5	104.0	109.0	117.4	131.6	157.9
25°	89.9	100.2	104.7	104.2	102.1	102.0	105.4	111.6	123.2	146.2	182.2
22.5°	92.4	102.7	105.4	103.3	101.4	102.8	107.5	116.2	131.7	159.8	207.5
20°	94.4	103.3	105.3	102.5	100.8	103.4	109.5	120.7	143.2	181.3	236.1
17.5°	96.3	103.9	104.6	101.9	101.2	104.5	111.5	124.6	153.3	199.8	263.4
15°	97.9	104.4	103.9	101.4	101.7	105.9	114.8	132.2	165.6	217.1	288.0
12.5°	99.3	104.8	103.3	101.0	102.0	107.1	117.6	139.1	177.6	236.0	327.5
10°	100.5	105.1	102.7	100.7	102.3	108.1	119.8	144.6	186.9	252.0	360.6
7.5°	101.6	105.4	102.2	100.4	102.4	108.8	121.6	148.6	193.5	264.8	385.3
5°	102.4	105.6	101.9	100.3	102.8	109.5	122.8	151.2	197.5	274.2	401.9
2.5°	102.9	105.7	101.8	100.2	103.3	110.5	123.9	153.4	201.2	278.8	413.7
0°	103.2	105.7	101.7	100.2	103.7	111.3	124.4	154.3	202.9	278.7	420.9
-2.5°	102.9	105.7	101.8	100.2	103.3	110.5	123.9	153.4	201.2	278.8	413.7
-5°	102.4	105.6	101.9	100.3	102.8	109.5	122.8	151.2	197.5	274.2	401.9
-7.5°	101.6	105.4	102.2	100.4	102.4	108.8	121.6	148.6	193.5	264.8	385.3
-10°	100.5	105.1	102.7	100.7	102.3	108.1	119.8	144.6	186.9	252.0	360.6
-12.5°	99.3	104.8	103.3	101.0	102.0	107.1	117.6	139.1	177.6	236.0	327.5
-15°	97.9	104.4	103.9	101.4	101.7	105.9	114.8	132.2	165.6	217.1	288.0
-17.5°	96.3	103.9	104.6	101.9	101.2	104.5	111.5	124.6	153.3	199.8	263.4
-20°	94.4	103.3	105.3	102.5	100.8	103.4	109.5	120.7	143.2	181.3	236.1



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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°	92.4	102.7	105.4	103.3	101.4	102.8	107.5	116.2	131.7	159.8	207.5
-25°	89.9	100.2	104.7	104.2	102.1	102.0	105.4	111.6	123.2	146.2	182.2
-27.5°	86.8	97.5	103.9	105.1	102.8	101.5	104.0	109.0	117.4	131.6	157.9
-30°	83.5	94.5	103.0	105.6	103.8	102.2	102.8	106.1	111.9	122.6	141.0
-32.5°	79.8	91.2	100.2	104.6	105.0	103.0	102.0	104.3	108.5	115.0	126.3
-35°	76.0	86.8	96.4	103.4	106.0	104.2	102.9	102.7	105.4	110.3	117.1
-37.5°	72.3	82.3	92.3	100.7	104.6	105.7	103.9	103.0	103.7	106.0	110.6
-40°	68.4	77.5	87.4	96.1	103.4	106.1	105.7	104.1	103.2	103.8	105.8
-42.5°	64.3	73.0	82.0	91.3	99.4	104.7	107.1	105.9	104.2	102.8	103.3
-45°	60.2	68.4	76.5	85.5	94.2	101.7	105.6	107.8	105.8	103.9	102.6
-47.5°	55.9	63.5	71.3	79.4	88.2	96.1	103.0	106.0	107.4	105.9	103.9
-50°	51.6	58.7	65.9	73.5	81.3	89.6	96.9	102.8	105.8	106.9	106.3
-52.5°	47.5	53.7	60.6	67.4	74.5	81.8	89.5	96.0	101.3	105.4	106.4
-55°	43.4	49.1	55.1	61.4	67.8	74.3	80.8	87.6	94.0	98.8	103.3
-57.5°	39.2	44.5	49.8	55.4	61.2	66.9	72.7	78.5	84.5	90.2	95.1
-60°	35.0	39.9	44.7	49.6	54.5	59.7	64.7	69.9	75.0	80.0	84.8
-62.5°	30.7	35.2	39.6	43.9	48.3	52.6	57.1	61.5	65.8	70.2	74.4
-65°	26.6	30.5	34.5	38.4	42.1	45.9	49.7	53.4	57.3	60.9	64.3
-67.5°	22.6	26.1	29.5	32.9	36.3	39.5	42.4	45.7	49.0	52.1	55.2
-70°	19.1	21.7	24.7	27.7	30.6	33.4	36.1	38.6	41.0	43.5	46.2
-72.5°	15.7	18.0	20.2	22.5	25.0	27.4	29.7	32.0	34.0	36.0	37.9
-75°	12.7	14.2	16.1	18.0	19.8	21.6	23.4	25.3	27.1	28.6	30.1
-77.5°	9.9	11.2	12.4	13.7	14.9	16.4	17.8	19.2	20.4	21.6	22.6
-80°	7.3	8.1	9.0	10.0	10.9	11.7	12.6	13.4	14.3	15.2	16.1
-82.5°	4.9	5.5	6.1	6.7	7.1	7.5	7.9	8.5	9.1	9.7	10.3
-85°	2.8	3.0	3.4	3.7	4.1	4.4	4.7	4.9	5.2	5.4	5.7
-87.5°	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-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: P558596 (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°	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7
85°	5.9	6.2	6.5	6.8	7.0	7.2	7.4	7.6	7.7	7.8	7.9
82.5°	10.8	11.4	11.9	12.4	12.8	13.2	13.5	13.8	14.0	14.2	14.4
80°	16.9	17.6	18.3	18.9	19.4	19.9	20.3	20.6	20.8	21.3	21.8
77.5°	23.6	24.7	25.7	26.6	27.4	28.2	28.9	29.6	30.2	30.6	30.9
75°	31.4	32.8	34.1	35.3	36.5	37.6	38.7	39.7	40.7	41.3	41.7
72.5°	39.8	41.6	43.2	44.8	46.2	47.6	49.0	50.2	51.3	52.2	52.9
70°	48.8	51.1	53.0	54.8	56.5	58.3	60.0	61.5	62.8	63.9	64.8
67.5°	58.1	60.8	63.2	65.5	67.8	70.0	72.1	74.0	75.8	77.1	78.0
65°	67.7	71.1	74.2	77.1	79.6	82.1	84.7	87.1	89.3	91.0	92.4
62.5°	78.4	82.3	85.8	89.0	91.9	94.2	96.7	98.9	100.9	102.8	104.7
60°	89.4	93.8	96.9	99.6	102.1	104.3	105.1	105.9	106.6	107.3	108.0
57.5°	99.0	102.7	105.4	106.0	106.6	107.0	106.7	105.9	105.0	104.1	103.4
55°	105.7	106.8	108.0	107.1	105.6	104.2	103.0	102.1	101.4	100.7	100.0
52.5°	107.5	106.5	105.3	103.9	102.9	101.8	100.8	101.0	101.3	101.5	101.6
50°	104.9	103.7	103.0	102.3	102.4	102.9	103.4	104.3	105.6	106.5	107.3
47.5°	102.9	102.1	103.1	104.4	105.6	107.8	109.7	111.6	114.5	116.8	118.7
45°	102.3	104.2	106.2	109.4	112.1	116.9	121.4	125.2	132.2	138.6	143.6
42.5°	105.2	108.5	112.1	118.2	124.8	133.3	144.1	153.3	164.1	174.1	181.4
40°	110.0	114.8	122.9	132.8	148.2	161.9	179.9	195.3	209.8	225.1	236.6
37.5°	116.8	125.9	141.1	158.8	182.1	204.6	229.4	253.5	274.0	305.1	329.4
35°	127.1	145.4	166.9	196.4	227.0	261.4	297.7	344.4	385.5	433.8	479.2
32.5°	145.6	170.5	204.2	244.1	284.7	344.1	400.1	476.0	544.3	629.4	721.0
30°	167.4	204.4	249.7	301.9	375.3	457.0	549.2	665.6	804.0	968.8	1189.9
27.5°	197.3	244.9	301.9	386.4	490.7	600.2	763.5	959.3	1316.0	1626.9	2038.9
25°	229.6	287.7	377.8	491.4	628.6	825.7	1145.1	1552.4	2129.4	2681.1	3122.1
22.5°	266.8	351.7	465.4	606.8	828.8	1210.5	1706.3	2423.7	3067.0	3623.5	4052.0
20°	308.0	414.4	567.3	783.3	1161.4	1720.5	2516.3	3252.6	3909.7	4388.7	4767.4
17.5°	361.3	500.4	694.4	992.5	1572.8	2434.2	3254.7	3982.4	4554.2	4975.0	5310.7
15°	411.1	579.5	830.9	1339.5	2131.6	3052.2	3893.2	4542.4	5037.2	5428.8	5730.6
12.5°	469.8	668.3	990.5	1639.4	2645.4	3562.2	4346.7	4952.8	5429.3	5796.4	6200.9
10°	522.2	764.0	1219.2	2038.9	3067.4	3962.9	4724.8	5269.5	5747.3	6225.7	6832.2
7.5°	565.4	844.2	1406.7	2376.0	3391.3	4259.4	4953.4	5497.7	6024.2	6663.2	7537.9
5°	599.7	904.7	1561.0	2630.5	3626.9	4470.9	5128.0	5679.8	6274.5	7129.2	8303.1
2.5°	622.7	944.4	1657.4	2784.3	3775.5	4592.3	5257.4	5798.8	6422.4	7390.1	8616.6
0°	631.8	962.7	1632.9	2812.1	3784.4	4631.7	5276.7	5843.3	6464.5	7433.8	8674.1
-2.5°	622.7	944.4	1657.4	2784.3	3775.5	4592.3	5257.4	5798.8	6422.4	7390.1	8616.6
-5°	599.7	904.7	1561.0	2630.5	3626.9	4470.9	5128.0	5679.8	6274.5	7129.2	8303.1
-7.5°	565.4	844.2	1406.7	2376.0	3391.3	4259.4	4953.4	5497.7	6024.2	6663.2	7537.9
-10°	522.2	764.0	1219.2	2038.9	3067.4	3962.9	4724.8	5269.5	5747.3	6225.7	6832.2
-12.5°	469.8	668.3	990.5	1639.4	2645.4	3562.2	4346.7	4952.8	5429.3	5796.4	6200.9
-15°	411.1	579.5	830.9	1339.5	2131.6	3052.2	3893.2	4542.4	5037.2	5428.8	5730.6
-17.5°	361.3	500.4	694.4	992.5	1572.8	2434.2	3254.7	3982.4	4554.2	4975.0	5310.7
-20°	308.0	414.4	567.3	783.3	1161.4	1720.5	2516.3	3252.6	3909.7	4388.7	4767.4



REPORT NUMBER: P558596 (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°	266.8	351.7	465.4	606.8	828.8	1210.5	1706.3	2423.7	3067.0	3623.5	4052.0
-25°	229.6	287.7	377.8	491.4	628.6	825.7	1145.1	1552.4	2129.4	2681.1	3122.1
-27.5°	197.3	244.9	301.9	386.4	490.7	600.2	763.5	959.3	1316.0	1626.9	2038.9
-30°	167.4	204.4	249.7	301.9	375.3	457.0	549.2	665.6	804.0	968.8	1189.9
-32.5°	145.6	170.5	204.2	244.1	284.7	344.1	400.1	476.0	544.3	629.4	721.0
-35°	127.1	145.4	166.9	196.4	227.0	261.4	297.7	344.4	385.5	433.8	479.2
-37.5°	116.8	125.9	141.1	158.8	182.1	204.6	229.4	253.5	274.0	305.1	329.4
-40°	110.0	114.8	122.9	132.8	148.2	161.9	179.9	195.3	209.8	225.1	236.6
-42.5°	105.2	108.5	112.1	118.2	124.8	133.3	144.1	153.3	164.1	174.1	181.4
-45°	102.3	104.2	106.2	109.4	112.1	116.9	121.4	125.2	132.2	138.6	143.6
-47.5°	102.9	102.1	103.1	104.4	105.6	107.8	109.7	111.6	114.5	116.8	118.7
-50°	104.9	103.7	103.0	102.3	102.4	102.9	103.4	104.3	105.6	106.5	107.3
-52.5°	107.5	106.5	105.3	103.9	102.9	101.8	100.8	101.0	101.3	101.5	101.6
-55°	105.7	106.8	108.0	107.1	105.6	104.2	103.0	102.1	101.4	100.7	100.0
-57.5°	99.0	102.7	105.4	106.0	106.6	107.0	106.7	105.9	105.0	104.1	103.4
-60°	89.4	93.8	96.9	99.6	102.1	104.3	105.1	105.9	106.6	107.3	108.0
-62.5°	78.4	82.3	85.8	89.0	91.9	94.2	96.7	98.9	100.9	102.8	104.7
-65°	67.7	71.1	74.2	77.1	79.6	82.1	84.7	87.1	89.3	91.0	92.4
-67.5°	58.1	60.8	63.2	65.5	67.8	70.0	72.1	74.0	75.8	77.1	78.0
-70°	48.8	51.1	53.0	54.8	56.5	58.3	60.0	61.5	62.8	63.9	64.8
-72.5°	39.8	41.6	43.2	44.8	46.2	47.6	49.0	50.2	51.3	52.2	52.9
-75°	31.4	32.8	34.1	35.3	36.5	37.6	38.7	39.7	40.7	41.3	41.7
-77.5°	23.6	24.7	25.7	26.6	27.4	28.2	28.9	29.6	30.2	30.6	30.9
-80°	16.9	17.6	18.3	18.9	19.4	19.9	20.3	20.6	20.8	21.3	21.8
-82.5°	10.8	11.4	11.9	12.4	12.8	13.2	13.5	13.8	14.0	14.2	14.4
-85°	5.9	6.2	6.5	6.8	7.0	7.2	7.4	7.6	7.7	7.8	7.9
-87.5°	2.5	2.4	2.4	2.3	2.3	2.3	2.3	2.4	2.4	2.6	2.7
-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: P558596 (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°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.4	2.4
85°	8.0	8.1	8.3	8.6	8.3	8.1	8.0	7.9	7.8	7.7	7.6
82.5°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	13.8
80°	22.3	22.7	22.5	22.3	22.5	22.7	22.3	21.8	21.3	20.8	20.6
77.5°	31.1	31.2	31.1	30.9	31.1	31.2	31.1	30.9	30.6	30.2	29.6
75°	42.1	42.2	42.4	42.5	42.4	42.2	42.1	41.7	41.3	40.7	39.7
72.5°	53.4	53.8	53.8	53.6	53.8	53.8	53.4	52.9	52.2	51.3	50.2
70°	65.4	65.9	66.2	66.3	66.2	65.9	65.4	64.8	63.9	62.8	61.5
67.5°	78.6	79.0	79.3	79.4	79.3	79.0	78.6	78.0	77.1	75.8	74.0
65°	93.5	94.4	94.7	94.6	94.7	94.4	93.5	92.4	91.0	89.3	87.1
62.5°	106.4	108.0	108.6	108.8	108.6	108.0	106.4	104.7	102.8	100.9	98.9
60°	108.6	109.2	109.3	109.3	109.3	109.2	108.6	108.0	107.3	106.6	105.9
57.5°	102.7	102.2	101.8	101.7	101.8	102.2	102.7	103.4	104.1	105.0	105.9
55°	99.4	98.9	98.6	98.6	98.6	98.9	99.4	100.0	100.7	101.4	102.1
52.5°	101.7	101.6	101.8	102.2	101.8	101.6	101.7	101.6	101.5	101.3	101.0
50°	107.9	108.4	108.8	109.3	108.8	108.4	107.9	107.3	106.5	105.6	104.3
47.5°	120.0	120.7	121.2	121.4	121.2	120.7	120.0	118.7	116.8	114.5	111.6
45°	146.8	148.6	149.4	149.7	149.4	148.6	146.8	143.6	138.6	132.2	125.2
42.5°	186.2	188.8	190.0	190.2	190.0	188.8	186.2	181.4	174.1	164.1	153.3
40°	244.9	249.5	251.8	253.4	251.8	249.5	244.9	236.6	225.1	209.8	195.3
37.5°	347.5	359.3	366.0	371.8	366.0	359.3	347.5	329.4	305.1	274.0	253.5
35°	516.1	543.2	559.1	562.5	559.1	543.2	516.1	479.2	433.8	385.5	344.4
32.5°	791.5	844.5	876.3	880.2	876.3	844.5	791.5	721.0	629.4	544.3	476.0
30°	1361.6	1510.2	1612.0	1598.0	1612.0	1510.2	1361.6	1189.9	968.8	804.0	665.6
27.5°	2376.5	2646.1	2821.2	2806.6	2821.2	2646.1	2376.5	2038.9	1626.9	1316.0	959.3
25°	3461.2	3709.3	3855.8	3909.9	3855.8	3709.3	3461.2	3122.1	2681.1	2129.4	1552.4
22.5°	4347.0	4568.9	4695.6	4771.4	4695.6	4568.9	4347.0	4052.0	3623.5	3067.0	2423.7
20°	5025.7	5218.1	5327.0	5373.9	5327.0	5218.1	5025.7	4767.4	4388.7	3909.7	3252.6
17.5°	5547.9	5708.9	5832.2	5864.0	5832.2	5708.9	5547.9	5310.7	4975.0	4554.2	3982.4
15°	6009.7	6217.7	6363.2	6417.5	6363.2	6217.7	6009.7	5730.6	5428.8	5037.2	4542.4
12.5°	6592.1	6953.8	7146.1	7190.4	7146.1	6953.8	6592.1	6200.9	5796.4	5429.3	4952.8
10°	7452.9	8008.9	8071.9	7985.7	8071.9	8008.9	7452.9	6832.2	6225.7	5747.3	5269.5
7.5°	8706.6	9447.9	9287.6	9020.7	9287.6	9447.9	8706.6	7537.9	6663.2	6024.2	5497.7
5°	9603.7	10633.0	10665.0	10469.0	10665.0	10633.0	9603.7	8303.1	7129.2	6274.5	5679.8
2.5°	9960.9	11020.5	11547.8	11634.2	11547.8	11020.5	9960.9	8616.6	7390.1	6422.4	5798.8
0°	9987.7	11145.3	11770.6	11925.9	11770.6	11145.3	9987.7	8674.1	7433.8	6464.5	5843.3
-2.5°	9960.9	11020.5	11547.8	11634.2	11547.8	11020.5	9960.9	8616.6	7390.1	6422.4	5798.8
-5°	9603.7	10633.0	10665.0	10469.0	10665.0	10633.0	9603.7	8303.1	7129.2	6274.5	5679.8
-7.5°	8706.6	9447.9	9287.6	9020.7	9287.6	9447.9	8706.6	7537.9	6663.2	6024.2	5497.7
-10°	7452.9	8008.9	8071.9	7985.7	8071.9	8008.9	7452.9	6832.2	6225.7	5747.3	5269.5
-12.5°	6592.1	6953.8	7146.1	7190.4	7146.1	6953.8	6592.1	6200.9	5796.4	5429.3	4952.8
-15°	6009.7	6217.7	6363.2	6417.5	6363.2	6217.7	6009.7	5730.6	5428.8	5037.2	4542.4
-17.5°	5547.9	5708.9	5832.2	5864.0	5832.2	5708.9	5547.9	5310.7	4975.0	4554.2	3982.4
-20°	5025.7	5218.1	5327.0	5373.9	5327.0	5218.1	5025.7	4767.4	4388.7	3909.7	3252.6



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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°	4347.0	4568.9	4695.6	4771.4	4695.6	4568.9	4347.0	4052.0	3623.5	3067.0	2423.7
-25°	3461.2	3709.3	3855.8	3909.9	3855.8	3709.3	3461.2	3122.1	2681.1	2129.4	1552.4
-27.5°	2376.5	2646.1	2821.2	2806.6	2821.2	2646.1	2376.5	2038.9	1626.9	1316.0	959.3
-30°	1361.6	1510.2	1612.0	1598.0	1612.0	1510.2	1361.6	1189.9	968.8	804.0	665.6
-32.5°	791.5	844.5	876.3	880.2	876.3	844.5	791.5	721.0	629.4	544.3	476.0
-35°	516.1	543.2	559.1	562.5	559.1	543.2	516.1	479.2	433.8	385.5	344.4
-37.5°	347.5	359.3	366.0	371.8	366.0	359.3	347.5	329.4	305.1	274.0	253.5
-40°	244.9	249.5	251.8	253.4	251.8	249.5	244.9	236.6	225.1	209.8	195.3
-42.5°	186.2	188.8	190.0	190.2	190.0	188.8	186.2	181.4	174.1	164.1	153.3
-45°	146.8	148.6	149.4	149.7	149.4	148.6	146.8	143.6	138.6	132.2	125.2
-47.5°	120.0	120.7	121.2	121.4	121.2	120.7	120.0	118.7	116.8	114.5	111.6
-50°	107.9	108.4	108.8	109.3	108.8	108.4	107.9	107.3	106.5	105.6	104.3
-52.5°	101.7	101.6	101.8	102.2	101.8	101.6	101.7	101.6	101.5	101.3	101.0
-55°	99.4	98.9	98.6	98.6	98.6	98.9	99.4	100.0	100.7	101.4	102.1
-57.5°	102.7	102.2	101.8	101.7	101.8	102.2	102.7	103.4	104.1	105.0	105.9
-60°	108.6	109.2	109.3	109.3	109.3	109.2	108.6	108.0	107.3	106.6	105.9
-62.5°	106.4	108.0	108.6	108.8	108.6	108.0	106.4	104.7	102.8	100.9	98.9
-65°	93.5	94.4	94.7	94.6	94.7	94.4	93.5	92.4	91.0	89.3	87.1
-67.5°	78.6	79.0	79.3	79.4	79.3	79.0	78.6	78.0	77.1	75.8	74.0
-70°	65.4	65.9	66.2	66.3	66.2	65.9	65.4	64.8	63.9	62.8	61.5
-72.5°	53.4	53.8	53.8	53.6	53.8	53.8	53.4	52.9	52.2	51.3	50.2
-75°	42.1	42.2	42.4	42.5	42.4	42.2	42.1	41.7	41.3	40.7	39.7
-77.5°	31.1	31.2	31.1	30.9	31.1	31.2	31.1	30.9	30.6	30.2	29.6
-80°	22.3	22.7	22.5	22.3	22.5	22.7	22.3	21.8	21.3	20.8	20.6
-82.5°	14.5	14.6	14.7	14.7	14.7	14.6	14.5	14.4	14.2	14.0	13.8
-85°	8.0	8.1	8.3	8.6	8.3	8.1	8.0	7.9	7.8	7.7	7.6
-87.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.7	2.6	2.4	2.4
-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: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
85°	7.4	7.2	7.0	6.8	6.5	6.2	5.9	5.7	5.4	5.2	4.9
82.5°	13.5	13.2	12.8	12.4	11.9	11.4	10.8	10.3	9.7	9.1	8.5
80°	20.3	19.9	19.4	18.9	18.3	17.6	16.9	16.1	15.2	14.3	13.4
77.5°	28.9	28.2	27.4	26.6	25.7	24.7	23.6	22.6	21.6	20.4	19.2
75°	38.7	37.6	36.5	35.3	34.1	32.8	31.4	30.1	28.6	27.1	25.3
72.5°	49.0	47.6	46.2	44.8	43.2	41.6	39.8	37.9	36.0	34.0	32.0
70°	60.0	58.3	56.5	54.8	53.0	51.1	48.8	46.2	43.5	41.0	38.6
67.5°	72.1	70.0	67.8	65.5	63.2	60.8	58.1	55.2	52.1	49.0	45.7
65°	84.7	82.1	79.6	77.1	74.2	71.1	67.7	64.3	60.9	57.3	53.4
62.5°	96.7	94.2	91.9	89.0	85.8	82.3	78.4	74.4	70.2	65.8	61.5
60°	105.1	104.3	102.1	99.6	96.9	93.8	89.4	84.8	80.0	75.0	69.9
57.5°	106.7	107.0	106.6	106.0	105.4	102.7	99.0	95.1	90.2	84.5	78.5
55°	103.0	104.2	105.6	107.1	108.0	106.8	105.7	103.3	98.8	94.0	87.6
52.5°	100.8	101.8	102.9	103.9	105.3	106.5	107.5	106.4	105.4	101.3	96.0
50°	103.4	102.9	102.4	102.3	103.0	103.7	104.9	106.3	106.9	105.8	102.8
47.5°	109.7	107.8	105.6	104.4	103.1	102.1	102.9	103.9	105.9	107.4	106.0
45°	121.4	116.9	112.1	109.4	106.2	104.2	102.3	102.6	103.9	105.8	107.8
42.5°	144.1	133.3	124.8	118.2	112.1	108.5	105.2	103.3	102.8	104.2	105.9
40°	179.9	161.9	148.2	132.8	122.9	114.8	110.0	105.8	103.8	103.2	104.1
37.5°	229.4	204.6	182.1	158.8	141.1	125.9	116.8	110.6	106.0	103.7	103.0
35°	297.7	261.4	227.0	196.4	166.9	145.4	127.1	117.1	110.3	105.4	102.7
32.5°	400.1	344.1	284.7	244.1	204.2	170.5	145.6	126.3	115.0	108.5	104.3
30°	549.2	457.0	375.3	301.9	249.7	204.4	167.4	141.0	122.6	111.9	106.1
27.5°	763.5	600.2	490.7	386.4	301.9	244.9	197.3	157.9	131.6	117.4	109.0
25°	1145.1	825.7	628.6	491.4	377.8	287.7	229.6	182.2	146.2	123.2	111.6
22.5°	1706.3	1210.5	828.8	606.8	465.4	351.7	266.8	207.5	159.8	131.7	116.2
20°	2516.3	1720.5	1161.4	783.3	567.3	414.4	308.0	236.1	181.3	143.2	120.7
17.5°	3254.7	2434.2	1572.8	992.5	694.4	500.4	361.3	263.4	199.8	153.3	124.6
15°	3893.2	3052.2	2131.6	1339.5	830.9	579.5	411.1	288.0	217.1	165.6	132.2
12.5°	4346.7	3562.2	2645.4	1639.4	990.5	668.3	469.8	327.5	236.0	177.6	139.1
10°	4724.8	3962.9	3067.4	2038.9	1219.2	764.0	522.2	360.6	252.0	186.9	144.6
7.5°	4953.4	4259.4	3391.3	2376.0	1406.7	844.2	565.4	385.3	264.8	193.5	148.6
5°	5128.0	4470.9	3626.9	2630.5	1561.0	904.7	599.7	401.9	274.2	197.5	151.2
2.5°	5257.4	4592.3	3775.5	2784.3	1657.4	944.4	622.7	413.7	278.8	201.2	153.4
0°	5276.7	4631.7	3784.4	2812.1	1632.9	962.7	631.8	420.9	278.7	202.9	154.3
-2.5°	5257.4	4592.3	3775.5	2784.3	1657.4	944.4	622.7	413.7	278.8	201.2	153.4
-5°	5128.0	4470.9	3626.9	2630.5	1561.0	904.7	599.7	401.9	274.2	197.5	151.2
-7.5°	4953.4	4259.4	3391.3	2376.0	1406.7	844.2	565.4	385.3	264.8	193.5	148.6
-10°	4724.8	3962.9	3067.4	2038.9	1219.2	764.0	522.2	360.6	252.0	186.9	144.6
-12.5°	4346.7	3562.2	2645.4	1639.4	990.5	668.3	469.8	327.5	236.0	177.6	139.1
-15°	3893.2	3052.2	2131.6	1339.5	830.9	579.5	411.1	288.0	217.1	165.6	132.2
-17.5°	3254.7	2434.2	1572.8	992.5	694.4	500.4	361.3	263.4	199.8	153.3	124.6
-20°	2516.3	1720.5	1161.4	783.3	567.3	414.4	308.0	236.1	181.3	143.2	120.7



REPORT NUMBER: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1706.3	1210.5	828.8	606.8	465.4	351.7	266.8	207.5	159.8	131.7	116.2
-25°	1145.1	825.7	628.6	491.4	377.8	287.7	229.6	182.2	146.2	123.2	111.6
-27.5°	763.5	600.2	490.7	386.4	301.9	244.9	197.3	157.9	131.6	117.4	109.0
-30°	549.2	457.0	375.3	301.9	249.7	204.4	167.4	141.0	122.6	111.9	106.1
-32.5°	400.1	344.1	284.7	244.1	204.2	170.5	145.6	126.3	115.0	108.5	104.3
-35°	297.7	261.4	227.0	196.4	166.9	145.4	127.1	117.1	110.3	105.4	102.7
-37.5°	229.4	204.6	182.1	158.8	141.1	125.9	116.8	110.6	106.0	103.7	103.0
-40°	179.9	161.9	148.2	132.8	122.9	114.8	110.0	105.8	103.8	103.2	104.1
-42.5°	144.1	133.3	124.8	118.2	112.1	108.5	105.2	103.3	102.8	104.2	105.9
-45°	121.4	116.9	112.1	109.4	106.2	104.2	102.3	102.6	103.9	105.8	107.8
-47.5°	109.7	107.8	105.6	104.4	103.1	102.1	102.9	103.9	105.9	107.4	106.0
-50°	103.4	102.9	102.4	102.3	103.0	103.7	104.9	106.3	106.9	105.8	102.8
-52.5°	100.8	101.8	102.9	103.9	105.3	106.5	107.5	106.4	105.4	101.3	96.0
-55°	103.0	104.2	105.6	107.1	108.0	106.8	105.7	103.3	98.8	94.0	87.6
-57.5°	106.7	107.0	106.6	106.0	105.4	102.7	99.0	95.1	90.2	84.5	78.5
-60°	105.1	104.3	102.1	99.6	96.9	93.8	89.4	84.8	80.0	75.0	69.9
-62.5°	96.7	94.2	91.9	89.0	85.8	82.3	78.4	74.4	70.2	65.8	61.5
-65°	84.7	82.1	79.6	77.1	74.2	71.1	67.7	64.3	60.9	57.3	53.4
-67.5°	72.1	70.0	67.8	65.5	63.2	60.8	58.1	55.2	52.1	49.0	45.7
-70°	60.0	58.3	56.5	54.8	53.0	51.1	48.8	46.2	43.5	41.0	38.6
-72.5°	49.0	47.6	46.2	44.8	43.2	41.6	39.8	37.9	36.0	34.0	32.0
-75°	38.7	37.6	36.5	35.3	34.1	32.8	31.4	30.1	28.6	27.1	25.3
-77.5°	28.9	28.2	27.4	26.6	25.7	24.7	23.6	22.6	21.6	20.4	19.2
-80°	20.3	19.9	19.4	18.9	18.3	17.6	16.9	16.1	15.2	14.3	13.4
-82.5°	13.5	13.2	12.8	12.4	11.9	11.4	10.8	10.3	9.7	9.1	8.5
-85°	7.4	7.2	7.0	6.8	6.5	6.2	5.9	5.7	5.4	5.2	4.9
-87.5°	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.3	2.2	2.1
-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: P558596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-930-U-MR-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°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
85°	4.7	4.4	4.1	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.8
82.5°	7.9	7.5	7.1	6.7	6.1	5.5	4.9	4.4	3.8	3.1	2.7
80°	12.6	11.7	10.9	10.0	9.0	8.1	7.3	6.5	5.7	4.9	4.1
77.5°	17.8	16.4	14.9	13.7	12.4	11.2	9.9	8.7	7.7	6.8	5.7
75°	23.4	21.6	19.8	18.0	16.1	14.2	12.7	11.2	9.9	8.6	7.3
72.5°	29.7	27.4	25.0	22.5	20.2	18.0	15.7	13.7	12.1	10.5	8.9
70°	36.1	33.4	30.6	27.7	24.7	21.7	19.1	16.7	14.3	12.4	10.6
67.5°	42.4	39.5	36.3	32.9	29.5	26.1	22.6	19.7	17.0	14.3	12.2
65°	49.7	45.9	42.1	38.4	34.5	30.5	26.6	22.9	19.7	16.7	13.8
62.5°	57.1	52.6	48.3	43.9	39.6	35.2	30.7	26.6	22.5	19.0	15.7
60°	64.7	59.7	54.5	49.6	44.7	39.9	35.0	30.2	25.8	21.3	17.7
57.5°	72.7	66.9	61.2	55.4	49.8	44.5	39.2	34.0	29.0	24.1	19.7
55°	80.8	74.3	67.8	61.4	55.1	49.1	43.4	37.6	32.1	26.8	21.6
52.5°	89.5	81.8	74.5	67.4	60.6	53.7	47.5	41.2	35.3	29.5	23.9
50°	96.9	89.6	81.3	73.5	65.9	58.7	51.6	44.9	38.3	32.2	26.2
47.5°	103.0	96.1	88.2	79.4	71.3	63.5	55.9	48.5	41.1	34.7	28.4
45°	105.6	101.7	94.2	85.5	76.5	68.4	60.2	52.1	44.3	37.1	30.4
42.5°	107.1	104.7	99.4	91.3	82.0	73.0	64.3	55.8	47.5	39.5	32.5
40°	105.7	106.1	103.4	96.1	87.4	77.5	68.4	59.4	50.5	41.9	34.4
37.5°	103.9	105.7	104.6	100.7	92.3	82.3	72.3	62.8	53.4	44.4	36.3
35°	102.9	104.2	106.0	103.4	96.4	86.8	76.0	66.1	56.3	46.8	38.1
32.5°	102.0	103.0	105.0	104.6	100.2	91.2	79.8	69.2	59.0	49.1	39.8
30°	102.8	102.2	103.8	105.6	103.0	94.5	83.5	72.1	61.5	51.1	41.4
27.5°	104.0	101.5	102.8	105.1	103.9	97.5	86.8	74.8	63.8	53.1	43.1
25°	105.4	102.0	102.1	104.2	104.7	100.2	89.9	77.3	66.0	55.0	44.7
22.5°	107.5	102.8	101.4	103.3	105.4	102.7	92.4	79.8	68.0	56.7	46.1
20°	109.5	103.4	100.8	102.5	105.3	103.3	94.4	82.1	69.8	58.3	47.3
17.5°	111.5	104.5	101.2	101.9	104.6	103.9	96.3	84.1	71.5	59.6	48.4
15°	114.8	105.9	101.7	101.4	103.9	104.4	97.9	85.8	72.9	60.8	49.4
12.5°	117.6	107.1	102.0	101.0	103.3	104.8	99.3	87.2	74.1	61.8	50.2
10°	119.8	108.1	102.3	100.7	102.7	105.1	100.5	88.5	75.1	62.5	50.9
7.5°	121.6	108.8	102.4	100.4	102.2	105.4	101.6	89.8	76.0	63.1	51.4
5°	122.8	109.5	102.8	100.3	101.9	105.6	102.4	90.8	76.7	63.5	51.8
2.5°	123.9	110.5	103.3	100.2	101.8	105.7	102.9	91.6	77.2	63.7	52.0
0°	124.4	111.3	103.7	100.2	101.7	105.7	103.2	92.1	77.4	63.7	52.1
-2.5°	123.9	110.5	103.3	100.2	101.8	105.7	102.9	91.6	77.2	63.7	52.0
-5°	122.8	109.5	102.8	100.3	101.9	105.6	102.4	90.8	76.7	63.5	51.8
-7.5°	121.6	108.8	102.4	100.4	102.2	105.4	101.6	89.8	76.0	63.1	51.4
-10°	119.8	108.1	102.3	100.7	102.7	105.1	100.5	88.5	75.1	62.5	50.9
-12.5°	117.6	107.1	102.0	101.0	103.3	104.8	99.3	87.2	74.1	61.8	50.2
-15°	114.8	105.9	101.7	101.4	103.9	104.4	97.9	85.8	72.9	60.8	49.4
-17.5°	111.5	104.5	101.2	101.9	104.6	103.9	96.3	84.1	71.5	59.6	48.4
-20°	109.5	103.4	100.8	102.5	105.3	103.3	94.4	82.1	69.8	58.3	47.3



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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°	107.5	102.8	101.4	103.3	105.4	102.7	92.4	79.8	68.0	56.7	46.1
-25°	105.4	102.0	102.1	104.2	104.7	100.2	89.9	77.3	66.0	55.0	44.7
-27.5°	104.0	101.5	102.8	105.1	103.9	97.5	86.8	74.8	63.8	53.1	43.1
-30°	102.8	102.2	103.8	105.6	103.0	94.5	83.5	72.1	61.5	51.1	41.4
-32.5°	102.0	103.0	105.0	104.6	100.2	91.2	79.8	69.2	59.0	49.1	39.8
-35°	102.9	104.2	106.0	103.4	96.4	86.8	76.0	66.1	56.3	46.8	38.1
-37.5°	103.9	105.7	104.6	100.7	92.3	82.3	72.3	62.8	53.4	44.4	36.3
-40°	105.7	106.1	103.4	96.1	87.4	77.5	68.4	59.4	50.5	41.9	34.4
-42.5°	107.1	104.7	99.4	91.3	82.0	73.0	64.3	55.8	47.5	39.5	32.5
-45°	105.6	101.7	94.2	85.5	76.5	68.4	60.2	52.1	44.3	37.1	30.4
-47.5°	103.0	96.1	88.2	79.4	71.3	63.5	55.9	48.5	41.1	34.7	28.4
-50°	96.9	89.6	81.3	73.5	65.9	58.7	51.6	44.9	38.3	32.2	26.2
-52.5°	89.5	81.8	74.5	67.4	60.6	53.7	47.5	41.2	35.3	29.5	23.9
-55°	80.8	74.3	67.8	61.4	55.1	49.1	43.4	37.6	32.1	26.8	21.6
-57.5°	72.7	66.9	61.2	55.4	49.8	44.5	39.2	34.0	29.0	24.1	19.7
-60°	64.7	59.7	54.5	49.6	44.7	39.9	35.0	30.2	25.8	21.3	17.7
-62.5°	57.1	52.6	48.3	43.9	39.6	35.2	30.7	26.6	22.5	19.0	15.7
-65°	49.7	45.9	42.1	38.4	34.5	30.5	26.6	22.9	19.7	16.7	13.8
-67.5°	42.4	39.5	36.3	32.9	29.5	26.1	22.6	19.7	17.0	14.3	12.2
-70°	36.1	33.4	30.6	27.7	24.7	21.7	19.1	16.7	14.3	12.4	10.6
-72.5°	29.7	27.4	25.0	22.5	20.2	18.0	15.7	13.7	12.1	10.5	8.9
-75°	23.4	21.6	19.8	18.0	16.1	14.2	12.7	11.2	9.9	8.6	7.3
-77.5°	17.8	16.4	14.9	13.7	12.4	11.2	9.9	8.7	7.7	6.8	5.7
-80°	12.6	11.7	10.9	10.0	9.0	8.1	7.3	6.5	5.7	4.9	4.1
-82.5°	7.9	7.5	7.1	6.7	6.1	5.5	4.9	4.4	3.8	3.1	2.7
-85°	4.7	4.4	4.1	3.7	3.4	3.0	2.8	2.5	2.3	2.0	1.8
-87.5°	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.1	1.0	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	4.6	3.4	2.6	1.9	1.3	0.6	0.0
75°	6.0	4.6	3.2	2.3	1.6	0.8	0.0
72.5°	7.4	5.7	4.1	2.7	1.8	0.9	0.0
70°	8.7	6.8	4.9	3.1	2.0	1.0	0.0
67.5°	10.1	7.9	5.8	3.8	2.3	1.1	0.0
65°	11.5	9.0	6.6	4.4	2.5	1.3	0.0
62.5°	12.8	10.2	7.4	5.0	2.8	1.4	0.0
60°	14.1	11.3	8.2	5.6	3.0	1.5	0.0
57.5°	15.8	12.4	9.2	6.1	3.4	1.6	0.0
55°	17.5	13.5	10.1	6.7	3.8	1.7	0.0
52.5°	19.1	14.7	10.9	7.2	4.1	1.8	0.0
50°	20.7	16.0	11.8	7.8	4.5	1.9	0.0
47.5°	22.3	17.2	12.6	8.3	4.8	2.0	0.0
45°	24.0	18.5	13.5	8.9	5.2	2.1	0.0
42.5°	25.7	19.6	14.2	9.5	5.5	2.2	0.0
40°	27.3	20.8	15.1	10.1	5.8	2.3	0.0
37.5°	28.8	21.8	15.9	10.6	6.1	2.4	0.0
35°	30.2	22.9	16.7	11.1	6.4	2.5	0.0
32.5°	31.5	24.0	17.5	11.6	6.7	2.5	0.0
30°	32.8	25.0	18.2	12.0	6.9	2.6	0.0
27.5°	34.1	26.0	18.8	12.4	7.2	2.7	0.0
25°	35.2	26.8	19.4	12.8	7.4	2.7	0.0
22.5°	36.3	27.6	19.9	13.1	7.6	2.8	0.0
20°	37.3	28.2	20.3	13.3	7.8	2.8	0.0
17.5°	38.1	28.8	20.7	13.6	7.9	2.9	0.0
15°	38.9	29.2	21.0	13.8	8.1	2.9	0.0
12.5°	39.5	29.6	21.3	13.9	8.2	2.9	0.0
10°	40.0	30.0	21.5	14.1	8.3	3.0	0.0
7.5°	40.5	30.2	21.7	14.1	8.4	3.0	0.0
5°	40.8	30.3	21.8	14.2	8.5	3.0	0.0
2.5°	40.9	30.4	21.8	14.2	8.6	3.0	0.0
0°	41.0	30.4	21.8	14.2	8.6	3.0	0.0
-2.5°	40.9	30.4	21.8	14.2	8.6	3.0	0.0
-5°	40.8	30.3	21.8	14.2	8.5	3.0	0.0
-7.5°	40.5	30.2	21.7	14.1	8.4	3.0	0.0
-10°	40.0	30.0	21.5	14.1	8.3	3.0	0.0
-12.5°	39.5	29.6	21.3	13.9	8.2	2.9	0.0
-15°	38.9	29.2	21.0	13.8	8.1	2.9	0.0
-17.5°	38.1	28.8	20.7	13.6	7.9	2.9	0.0
-20°	37.3	28.2	20.3	13.3	7.8	2.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	36.3	27.6	19.9	13.1	7.6	2.8	0.0
-25°	35.2	26.8	19.4	12.8	7.4	2.7	0.0
-27.5°	34.1	26.0	18.8	12.4	7.2	2.7	0.0
-30°	32.8	25.0	18.2	12.0	6.9	2.6	0.0
-32.5°	31.5	24.0	17.5	11.6	6.7	2.5	0.0
-35°	30.2	22.9	16.7	11.1	6.4	2.5	0.0
-37.5°	28.8	21.8	15.9	10.6	6.1	2.4	0.0
-40°	27.3	20.8	15.1	10.1	5.8	2.3	0.0
-42.5°	25.7	19.6	14.2	9.5	5.5	2.2	0.0
-45°	24.0	18.5	13.5	8.9	5.2	2.1	0.0
-47.5°	22.3	17.2	12.6	8.3	4.8	2.0	0.0
-50°	20.7	16.0	11.8	7.8	4.5	1.9	0.0
-52.5°	19.1	14.7	10.9	7.2	4.1	1.8	0.0
-55°	17.5	13.5	10.1	6.7	3.8	1.7	0.0
-57.5°	15.8	12.4	9.2	6.1	3.4	1.6	0.0
-60°	14.1	11.3	8.2	5.6	3.0	1.5	0.0
-62.5°	12.8	10.2	7.4	5.0	2.8	1.4	0.0
-65°	11.5	9.0	6.6	4.4	2.5	1.3	0.0
-67.5°	10.1	7.9	5.8	3.8	2.3	1.1	0.0
-70°	8.7	6.8	4.9	3.1	2.0	1.0	0.0
-72.5°	7.4	5.7	4.1	2.7	1.8	0.9	0.0
-75°	6.0	4.6	3.2	2.3	1.6	0.8	0.0
-77.5°	4.6	3.4	2.6	1.9	1.3	0.6	0.0
-80°	3.2	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)