

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: P558644 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-940-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558644 (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-SA2B-940-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

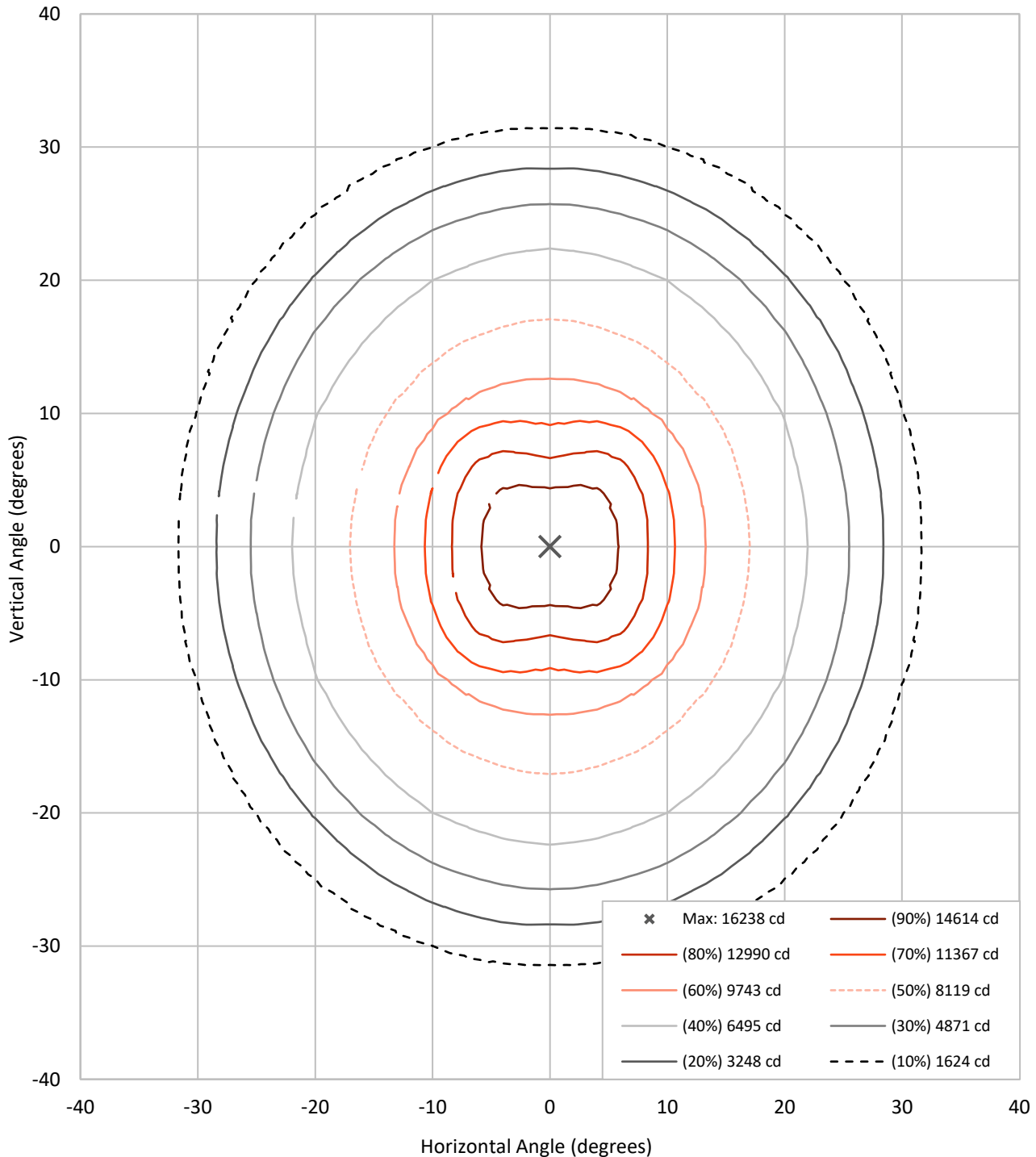
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	7183.2 lumens	Max Intensity:	16238 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	3059.6 lumens	Field Lumens:	6253.2 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 63
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





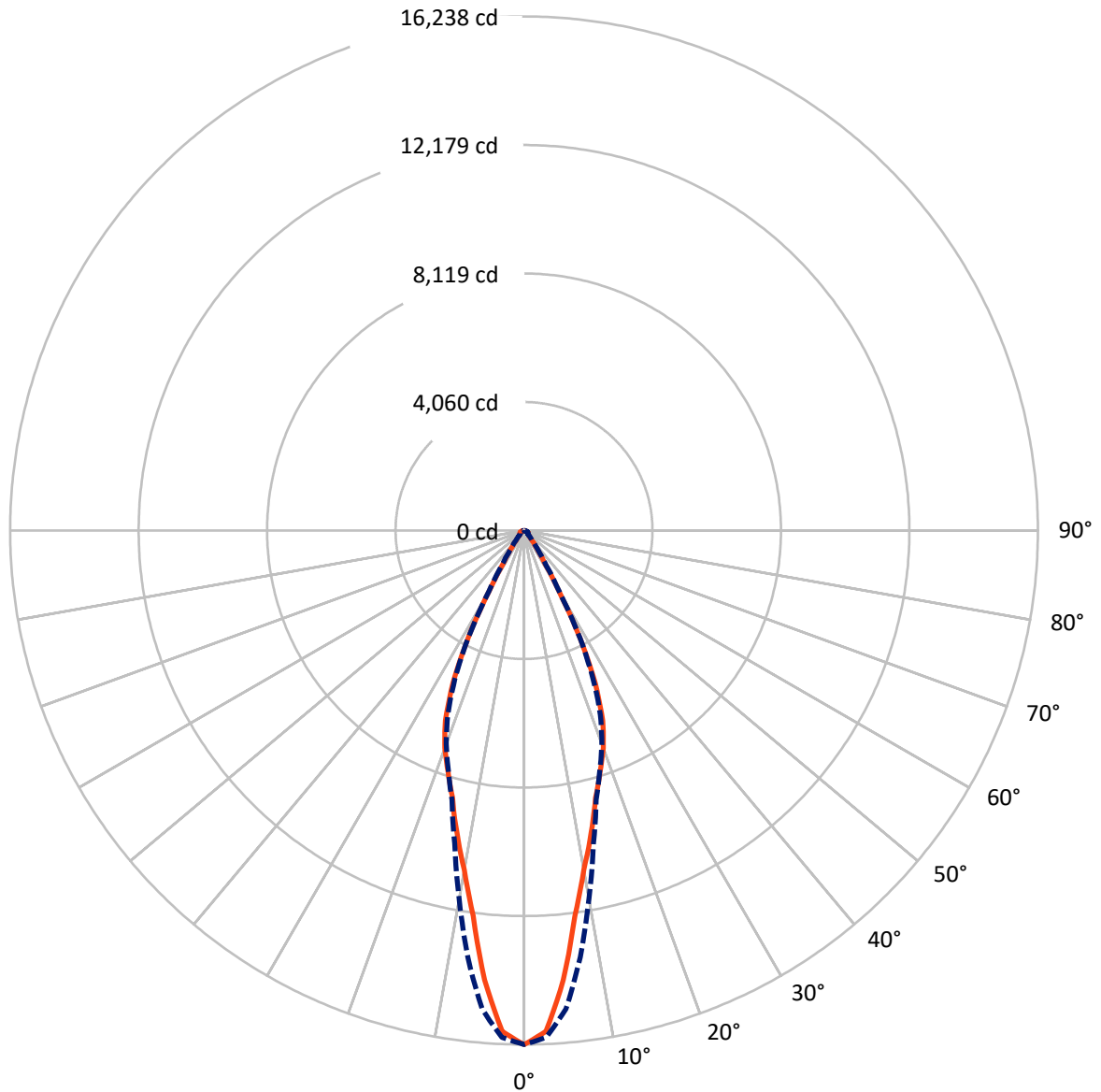
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Lumen Table

90																			
80	0.1	0.8		2.2		3.7		4.3		3.7		2.2		0.8		0.1			
70																			
60	0.4	0.4	0.9	1.6	2.3	3.0	3.5	3.8	3.8	3.5	3.0	2.3	1.6	0.9	0.4	0.4			
50		0.7	1.5	2.5	3.5	3.9	4.1	4.2	4.2	4.1	3.9	3.5	2.5	1.5	0.7				
40	0.7	0.9	2.0	3.1	3.6	4.4	5.7	6.5	6.5	5.7	4.4	3.6	3.1	2.0	0.9	0.7			
30		1.2	2.4	3.1	4.6	9.2	17.4	26.6	26.6	17.4	9.2	4.6	3.1	2.4	1.2				
20	0.9	1.4	2.4	3.4	8.4	27.9	87.9	144.7	144.7	87.9	27.9	8.4	3.4	2.4	1.4	0.9			
10		1.5	2.4	4.2	15.7	82.8	195.8	259.3	259.3	195.8	82.8	15.7	4.2	2.4	1.5				
0	1.0	1.6	2.5	4.9	23.9	130.5	254.6	401.8	401.8	254.6	130.5	23.9	4.9	2.5	1.6	1.0			
-10		1.6	2.5	4.9	23.9	130.5	254.6	401.8	401.8	254.6	130.5	23.9	4.9	2.5	1.6				
-20	0.9	1.5	2.4	4.2	15.7	82.8	195.8	259.3	259.3	195.8	82.8	15.7	4.2	2.4	1.5	0.9			
-30		1.4	2.4	3.4	8.4	27.9	87.9	144.7	144.7	87.9	27.9	8.4	3.4	2.4	1.4				
-40	0.7	1.2	2.4	3.1	4.6	9.2	17.4	26.6	26.6	17.4	9.2	4.6	3.1	2.4	1.2	0.7			
-50		0.9	2.0	3.1	3.6	4.4	5.7	6.5	6.5	5.7	4.4	3.6	3.1	2.0	0.9				
-60	0.4	0.7	1.5	2.5	3.5	3.9	4.1	4.2	4.2	4.1	3.9	3.5	2.5	1.5	0.7	0.4			
-70		0.4	0.9	1.6	2.3	3.0	3.5	3.8	3.8	3.5	3.0	2.3	1.6	0.9	0.4				
-80																			
-90	0.1	0.8		2.2		3.7		4.3		3.7		2.2		0.8		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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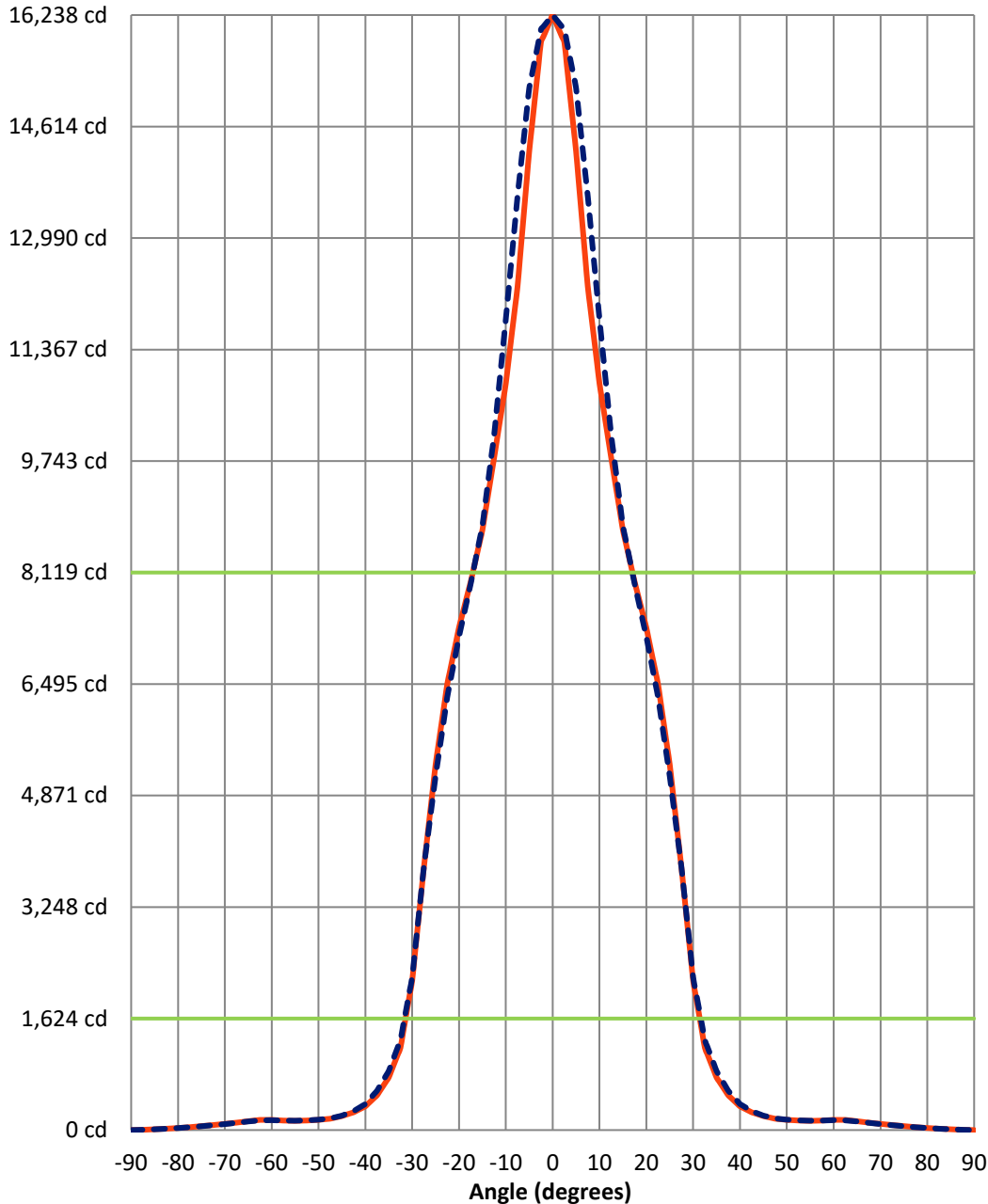
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 3059.6
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 6253.2
 Efficiency: 87.1%

Spill:
 Lumens: 930
 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	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.1	5.9
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.7	7.8	8.8
77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.3	7.8	9.2	10.5	11.9
75°	0.0	1.1	2.1	3.2	4.3	6.2	8.2	10.0	11.6	13.4	15.3
72.5°	0.0	1.2	2.5	3.7	5.5	7.7	10.0	12.2	14.3	16.4	18.6
70°	0.0	1.4	2.8	4.3	6.7	9.2	11.9	14.4	16.8	19.4	22.6
67.5°	0.0	1.6	3.1	5.1	7.9	10.7	13.7	16.6	19.4	23.1	26.7
65°	0.0	1.7	3.5	6.0	9.0	12.3	15.6	18.7	22.6	26.7	31.1
62.5°	0.0	1.9	3.8	6.8	10.1	13.8	17.4	21.3	25.8	30.5	36.2
60°	0.0	2.0	4.1	7.6	11.2	15.4	19.2	24.0	29.0	35.0	41.1
57.5°	0.0	2.2	4.6	8.4	12.4	16.9	21.5	26.7	32.7	39.4	46.2
55°	0.0	2.4	5.1	9.1	13.7	18.4	23.8	29.4	36.5	43.7	51.2
52.5°	0.0	2.5	5.6	9.8	14.9	19.9	26.0	32.5	40.2	48.0	56.0
50°	0.0	2.6	6.1	10.5	16.0	21.7	28.1	35.6	43.8	52.1	61.1
47.5°	0.0	2.8	6.6	11.2	17.2	23.4	30.2	38.6	47.2	56.0	66.0
45°	0.0	2.9	7.0	12.1	18.3	25.1	32.6	41.4	50.5	60.4	70.9
42.5°	0.0	3.0	7.5	12.9	19.4	26.7	34.9	44.1	53.7	64.6	75.9
40°	0.0	3.1	7.9	13.7	20.5	28.2	37.1	46.8	57.0	68.7	80.8
37.5°	0.0	3.3	8.3	14.4	21.6	29.6	39.1	49.4	60.5	72.7	85.5
35°	0.0	3.4	8.7	15.1	22.7	31.2	41.0	51.8	63.7	76.6	89.9
32.5°	0.0	3.5	9.1	15.7	23.8	32.7	42.8	54.1	66.8	80.3	94.2
30°	0.0	3.6	9.4	16.3	24.7	34.0	44.6	56.4	69.6	83.7	98.2
27.5°	0.0	3.6	9.7	16.9	25.6	35.3	46.4	58.7	72.3	86.9	101.9
25°	0.0	3.7	10.0	17.3	26.3	36.4	47.9	60.8	74.9	89.9	105.3
22.5°	0.0	3.8	10.3	17.8	27.0	37.5	49.4	62.7	77.2	92.6	108.7
20°	0.0	3.9	10.6	18.1	27.6	38.3	50.7	64.4	79.3	95.1	111.8
17.5°	0.0	3.9	10.8	18.5	28.1	39.1	51.9	65.9	81.2	97.3	114.5
15°	0.0	4.0	11.0	18.7	28.5	39.7	52.9	67.2	82.8	99.2	116.8
12.5°	0.0	4.0	11.2	19.0	28.9	40.3	53.8	68.3	84.2	100.8	118.7
10°	0.0	4.0	11.4	19.1	29.2	40.7	54.5	69.2	85.2	102.3	120.4
7.5°	0.0	4.1	11.5	19.2	29.4	41.0	55.1	70.0	86.0	103.5	122.2
5°	0.0	4.1	11.6	19.3	29.6	41.2	55.5	70.5	86.5	104.5	123.6
2.5°	0.0	4.1	11.7	19.3	29.6	41.3	55.7	70.8	86.8	105.1	124.7
0°	0.0	4.1	11.7	19.3	29.6	41.3	55.8	70.9	86.8	105.4	125.4
-2.5°	0.0	4.1	11.7	19.3	29.6	41.3	55.7	70.8	86.8	105.1	124.7
-5°	0.0	4.1	11.6	19.3	29.6	41.2	55.5	70.5	86.5	104.5	123.6
-7.5°	0.0	4.1	11.5	19.2	29.4	41.0	55.1	70.0	86.0	103.5	122.2
-10°	0.0	4.0	11.4	19.1	29.2	40.7	54.5	69.2	85.2	102.3	120.4
-12.5°	0.0	4.0	11.2	19.0	28.9	40.3	53.8	68.3	84.2	100.8	118.7
-15°	0.0	4.0	11.0	18.7	28.5	39.7	52.9	67.2	82.8	99.2	116.8
-17.5°	0.0	3.9	10.8	18.5	28.1	39.1	51.9	65.9	81.2	97.3	114.5
-20°	0.0	3.9	10.6	18.1	27.6	38.3	50.7	64.4	79.3	95.1	111.8



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 CATALOG NUMBER: GFLD-SA2B-940-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	3.8	10.3	17.8	27.0	37.5	49.4	62.7	77.2	92.6	108.7
-25°	0.0	3.7	10.0	17.3	26.3	36.4	47.9	60.8	74.9	89.9	105.3
-27.5°	0.0	3.6	9.7	16.9	25.6	35.3	46.4	58.7	72.3	86.9	101.9
-30°	0.0	3.6	9.4	16.3	24.7	34.0	44.6	56.4	69.6	83.7	98.2
-32.5°	0.0	3.5	9.1	15.7	23.8	32.7	42.8	54.1	66.8	80.3	94.2
-35°	0.0	3.4	8.7	15.1	22.7	31.2	41.0	51.8	63.7	76.6	89.9
-37.5°	0.0	3.3	8.3	14.4	21.6	29.6	39.1	49.4	60.5	72.7	85.5
-40°	0.0	3.1	7.9	13.7	20.5	28.2	37.1	46.8	57.0	68.7	80.8
-42.5°	0.0	3.0	7.5	12.9	19.4	26.7	34.9	44.1	53.7	64.6	75.9
-45°	0.0	2.9	7.0	12.1	18.3	25.1	32.6	41.4	50.5	60.4	70.9
-47.5°	0.0	2.8	6.6	11.2	17.2	23.4	30.2	38.6	47.2	56.0	66.0
-50°	0.0	2.6	6.1	10.5	16.0	21.7	28.1	35.6	43.8	52.1	61.1
-52.5°	0.0	2.5	5.6	9.8	14.9	19.9	26.0	32.5	40.2	48.0	56.0
-55°	0.0	2.4	5.1	9.1	13.7	18.4	23.8	29.4	36.5	43.7	51.2
-57.5°	0.0	2.2	4.6	8.4	12.4	16.9	21.5	26.7	32.7	39.4	46.2
-60°	0.0	2.0	4.1	7.6	11.2	15.4	19.2	24.0	29.0	35.0	41.1
-62.5°	0.0	1.9	3.8	6.8	10.1	13.8	17.4	21.3	25.8	30.5	36.2
-65°	0.0	1.7	3.5	6.0	9.0	12.3	15.6	18.7	22.6	26.7	31.1
-67.5°	0.0	1.6	3.1	5.1	7.9	10.7	13.7	16.6	19.4	23.1	26.7
-70°	0.0	1.4	2.8	4.3	6.7	9.2	11.9	14.4	16.8	19.4	22.6
-72.5°	0.0	1.2	2.5	3.7	5.5	7.7	10.0	12.2	14.3	16.4	18.6
-75°	0.0	1.1	2.1	3.2	4.3	6.2	8.2	10.0	11.6	13.4	15.3
-77.5°	0.0	0.9	1.8	2.7	3.5	4.6	6.3	7.8	9.2	10.5	11.9
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.3	5.6	6.7	7.8	8.8
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.3	5.1	5.9
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	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°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
85°	3.8	4.1	4.6	5.1	5.6	6.0	6.3	6.7	7.0	7.4	7.7
82.5°	6.7	7.5	8.3	9.1	9.6	10.2	10.7	11.5	12.3	13.2	14.0
80°	9.9	10.9	12.2	13.6	14.8	15.9	17.1	18.3	19.4	20.7	21.9
77.5°	13.5	15.2	16.9	18.6	20.3	22.2	24.2	26.1	27.8	29.3	30.7
75°	17.3	19.4	21.9	24.5	27.0	29.4	31.8	34.5	36.8	38.9	40.9
72.5°	21.4	24.4	27.5	30.5	34.0	37.3	40.5	43.5	46.4	49.0	51.6
70°	26.0	29.4	33.5	37.7	41.6	45.4	49.1	52.6	55.9	59.3	63.0
67.5°	30.6	35.4	40.1	44.8	49.5	53.8	57.8	62.3	66.7	71.0	75.2
65°	36.2	41.5	46.9	52.3	57.4	62.6	67.7	72.8	78.0	82.9	87.5
62.5°	41.7	47.9	53.9	59.8	65.8	71.7	77.8	83.7	89.5	95.5	101.3
60°	47.6	54.3	60.9	67.5	74.3	81.3	88.0	95.1	102.2	109.0	115.5
57.5°	53.4	60.6	67.8	75.4	83.2	91.0	99.0	106.9	115.0	122.7	129.5
55°	59.0	66.8	74.9	83.6	92.2	101.1	110.0	119.3	128.0	134.5	140.7
52.5°	64.7	73.1	82.4	91.8	101.4	111.4	121.8	130.7	138.0	143.5	144.9
50°	70.2	79.9	89.7	100.0	110.6	121.9	131.9	139.9	144.0	145.6	144.7
47.5°	76.1	86.5	97.1	108.1	120.0	130.8	140.2	144.3	146.3	144.1	141.5
45°	81.9	93.0	104.2	116.4	128.3	138.5	143.8	146.7	144.1	141.5	139.7
42.5°	87.6	99.4	111.7	124.2	135.3	142.5	145.8	144.2	141.9	139.9	140.6
40°	93.1	105.6	119.0	130.8	140.7	144.4	143.8	141.8	140.5	141.3	144.2
37.5°	98.4	112.0	125.7	137.1	142.5	143.9	141.5	140.2	141.1	144.4	150.6
35°	103.5	118.2	131.2	140.8	144.4	141.8	140.1	139.8	143.5	150.2	159.4
32.5°	108.6	124.1	136.4	142.4	143.0	140.2	138.8	142.0	147.8	156.6	172.0
30°	113.6	128.6	140.2	143.9	141.4	139.2	139.9	144.5	152.4	166.9	192.0
27.5°	118.2	132.7	141.4	143.2	139.9	138.1	141.6	148.4	159.9	179.2	215.1
25°	122.3	136.4	142.6	141.9	139.0	138.8	143.5	151.9	167.7	199.0	248.1
22.5°	125.8	139.8	143.6	140.6	138.1	139.9	146.4	158.1	179.3	217.7	282.6
20°	128.5	140.7	143.4	139.5	137.2	140.8	149.0	164.3	194.9	246.9	321.4
17.5°	131.0	141.4	142.4	138.7	137.7	142.3	151.8	169.7	208.8	272.0	358.7
15°	133.3	142.1	141.5	138.1	138.4	144.2	156.3	180.1	225.5	295.7	392.2
12.5°	135.2	142.7	140.6	137.5	138.9	145.8	160.1	189.5	241.9	321.4	445.9
10°	136.8	143.2	139.8	137.1	139.2	147.1	163.2	196.9	254.5	343.1	491.0
7.5°	138.3	143.5	139.1	136.7	139.4	148.1	165.6	202.3	263.5	360.6	524.7
5°	139.4	143.8	138.7	136.5	139.9	149.1	167.3	205.9	269.0	373.3	547.3
2.5°	140.1	144.0	138.5	136.4	140.6	150.5	168.8	208.9	273.9	379.6	563.3
0°	140.5	144.0	138.4	136.4	141.2	151.5	169.4	210.1	276.2	379.5	573.1
-2.5°	140.1	144.0	138.5	136.4	140.6	150.5	168.8	208.9	273.9	379.6	563.3
-5°	139.4	143.8	138.7	136.5	139.9	149.1	167.3	205.9	269.0	373.3	547.3
-7.5°	138.3	143.5	139.1	136.7	139.4	148.1	165.6	202.3	263.5	360.6	524.7
-10°	136.8	143.2	139.8	137.1	139.2	147.1	163.2	196.9	254.5	343.1	491.0
-12.5°	135.2	142.7	140.6	137.5	138.9	145.8	160.1	189.5	241.9	321.4	445.9
-15°	133.3	142.1	141.5	138.1	138.4	144.2	156.3	180.1	225.5	295.7	392.2
-17.5°	131.0	141.4	142.4	138.7	137.7	142.3	151.8	169.7	208.8	272.0	358.7
-20°	128.5	140.7	143.4	139.5	137.2	140.8	149.0	164.3	194.9	246.9	321.4



REPORT NUMBER: P558644 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	125.8	139.8	143.6	140.6	138.1	139.9	146.4	158.1	179.3	217.7	282.6
-25°	122.3	136.4	142.6	141.9	139.0	138.8	143.5	151.9	167.7	199.0	248.1
-27.5°	118.2	132.7	141.4	143.2	139.9	138.1	141.6	148.4	159.9	179.2	215.1
-30°	113.6	128.6	140.2	143.9	141.4	139.2	139.9	144.5	152.4	166.9	192.0
-32.5°	108.6	124.1	136.4	142.4	143.0	140.2	138.8	142.0	147.8	156.6	172.0
-35°	103.5	118.2	131.2	140.8	144.4	141.8	140.1	139.8	143.5	150.2	159.4
-37.5°	98.4	112.0	125.7	137.1	142.5	143.9	141.5	140.2	141.1	144.4	150.6
-40°	93.1	105.6	119.0	130.8	140.7	144.4	143.8	141.8	140.5	141.3	144.2
-42.5°	87.6	99.4	111.7	124.2	135.3	142.5	145.8	144.2	141.9	139.9	140.6
-45°	81.9	93.0	104.2	116.4	128.3	138.5	143.8	146.7	144.1	141.5	139.7
-47.5°	76.1	86.5	97.1	108.1	120.0	130.8	140.2	144.3	146.3	144.1	141.5
-50°	70.2	79.9	89.7	100.0	110.6	121.9	131.9	139.9	144.0	145.6	144.7
-52.5°	64.7	73.1	82.4	91.8	101.4	111.4	121.8	130.7	138.0	143.5	144.9
-55°	59.0	66.8	74.9	83.6	92.2	101.1	110.0	119.3	128.0	134.5	140.7
-57.5°	53.4	60.6	67.8	75.4	83.2	91.0	99.0	106.9	115.0	122.7	129.5
-60°	47.6	54.3	60.9	67.5	74.3	81.3	88.0	95.1	102.2	109.0	115.5
-62.5°	41.7	47.9	53.9	59.8	65.8	71.7	77.8	83.7	89.5	95.5	101.3
-65°	36.2	41.5	46.9	52.3	57.4	62.6	67.7	72.8	78.0	82.9	87.5
-67.5°	30.6	35.4	40.1	44.8	49.5	53.8	57.8	62.3	66.7	71.0	75.2
-70°	26.0	29.4	33.5	37.7	41.6	45.4	49.1	52.6	55.9	59.3	63.0
-72.5°	21.4	24.4	27.5	30.5	34.0	37.3	40.5	43.5	46.4	49.0	51.6
-75°	17.3	19.4	21.9	24.5	27.0	29.4	31.8	34.5	36.8	38.9	40.9
-77.5°	13.5	15.2	16.9	18.6	20.3	22.2	24.2	26.1	27.8	29.3	30.7
-80°	9.9	10.9	12.2	13.6	14.8	15.9	17.1	18.3	19.4	20.7	21.9
-82.5°	6.7	7.5	8.3	9.1	9.6	10.2	10.7	11.5	12.3	13.2	14.0
-85°	3.8	4.1	4.6	5.1	5.6	6.0	6.3	6.7	7.0	7.4	7.7
-87.5°	1.9	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.3
-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: P558644 (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°	3.4	3.3	3.2	3.2	3.1	3.1	3.2	3.2	3.3	3.5	3.7
85°	8.1	8.4	8.8	9.2	9.6	9.8	10.1	10.3	10.5	10.6	10.8
82.5°	14.7	15.5	16.2	16.9	17.5	17.9	18.4	18.7	19.1	19.4	19.6
80°	23.0	24.0	24.9	25.7	26.4	27.0	27.5	28.0	28.3	29.0	29.6
77.5°	32.2	33.6	34.9	36.1	37.2	38.3	39.3	40.2	41.0	41.6	42.1
75°	42.8	44.6	46.4	48.1	49.6	51.2	52.7	54.1	55.3	56.2	56.8
72.5°	54.2	56.6	58.9	61.0	62.9	64.8	66.7	68.4	69.9	71.1	72.0
70°	66.5	69.6	72.2	74.6	77.0	79.4	81.7	83.8	85.5	86.9	88.1
67.5°	79.2	82.8	86.0	89.2	92.3	95.3	98.1	100.8	103.2	105.0	106.2
65°	92.1	96.8	101.0	104.9	108.4	111.8	115.3	118.6	121.5	123.9	125.8
62.5°	106.8	112.0	116.9	121.2	125.1	128.2	131.6	134.7	137.5	140.0	142.6
60°	121.8	127.6	131.9	135.6	139.0	142.0	143.2	144.3	145.2	146.0	147.0
57.5°	134.9	139.9	143.6	144.4	145.1	145.8	145.4	144.2	143.0	141.7	140.8
55°	144.0	145.4	147.0	145.8	143.7	141.9	140.2	139.0	138.0	137.0	136.2
52.5°	146.4	145.0	143.3	141.4	140.1	138.6	137.2	137.4	137.9	138.2	138.4
50°	142.8	141.2	140.3	139.2	139.4	140.1	140.7	142.1	143.8	145.0	146.0
47.5°	140.1	139.0	140.4	142.2	143.8	146.7	149.3	151.9	155.9	159.1	161.7
45°	139.3	141.9	144.7	148.9	152.7	159.2	165.3	170.4	180.0	188.7	195.5
42.5°	143.3	147.8	152.7	161.0	169.9	181.4	196.2	208.8	223.4	237.1	247.0
40°	149.8	156.4	167.4	180.7	201.7	220.4	244.9	265.8	285.5	306.4	322.1
37.5°	159.1	171.4	192.1	216.1	248.0	278.5	312.3	345.1	373.0	415.3	448.4
35°	173.0	198.0	227.3	267.5	309.0	355.9	405.3	468.9	524.9	590.7	652.5
32.5°	198.3	232.1	278.0	332.4	387.6	468.5	544.8	648.1	741.1	857.0	981.7
30°	227.9	278.3	340.0	411.0	511.1	622.3	747.7	906.3	1094.7	1319.1	1620.1
27.5°	268.7	333.5	411.0	526.2	668.1	817.2	1039.5	1306.1	1791.8	2215.2	2776.2
25°	312.6	391.7	514.4	669.1	855.9	1124.3	1559.1	2113.7	2899.3	3650.5	4251.0
22.5°	363.2	478.8	633.7	826.2	1128.5	1648.2	2323.2	3300.0	4176.0	4933.6	5517.1
20°	419.3	564.3	772.4	1066.6	1581.4	2342.6	3426.2	4428.6	5323.3	5975.6	6491.1
17.5°	491.9	681.3	945.4	1351.3	2141.4	3314.4	4431.5	5422.3	6200.9	6773.9	7230.9
15°	559.7	789.0	1131.3	1823.8	2902.3	4155.9	5300.9	6184.9	6858.5	7391.8	7802.7
12.5°	639.8	910.0	1348.6	2232.1	3601.9	4850.2	5918.3	6743.7	7392.4	7892.2	8443.0
10°	711.1	1040.2	1660.0	2776.1	4176.4	5395.8	6433.1	7174.8	7825.4	8476.7	9302.5
7.5°	769.9	1149.5	1915.3	3235.1	4617.5	5799.4	6744.4	7485.5	8202.5	9072.4	10263.5
5°	816.6	1231.8	2125.3	3581.6	4938.2	6087.4	6982.2	7733.4	8543.2	9706.9	11305.3
2.5°	847.9	1285.8	2256.7	3791.0	5140.5	6252.7	7158.4	7895.5	8744.6	10062.2	11732.1
0°	860.3	1310.7	2223.4	3828.9	5152.8	6306.5	7184.7	7956.1	8801.9	10121.6	11810.5
-2.5°	847.9	1285.8	2256.7	3791.0	5140.5	6252.7	7158.4	7895.5	8744.6	10062.2	11732.1
-5°	816.6	1231.8	2125.3	3581.6	4938.2	6087.4	6982.2	7733.4	8543.2	9706.9	11305.3
-7.5°	769.9	1149.5	1915.3	3235.1	4617.5	5799.4	6744.4	7485.5	8202.5	9072.4	10263.5
-10°	711.1	1040.2	1660.0	2776.1	4176.4	5395.8	6433.1	7174.8	7825.4	8476.7	9302.5
-12.5°	639.8	910.0	1348.6	2232.1	3601.9	4850.2	5918.3	6743.7	7392.4	7892.2	8443.0
-15°	559.7	789.0	1131.3	1823.8	2902.3	4155.9	5300.9	6184.9	6858.5	7391.8	7802.7
-17.5°	491.9	681.3	945.4	1351.3	2141.4	3314.4	4431.5	5422.3	6200.9	6773.9	7230.9
-20°	419.3	564.3	772.4	1066.6	1581.4	2342.6	3426.2	4428.6	5323.3	5975.6	6491.1



REPORT NUMBER: P558644 (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°	363.2	478.8	633.7	826.2	1128.5	1648.2	2323.2	3300.0	4176.0	4933.6	5517.1
-25°	312.6	391.7	514.4	669.1	855.9	1124.3	1559.1	2113.7	2899.3	3650.5	4251.0
-27.5°	268.7	333.5	411.0	526.2	668.1	817.2	1039.5	1306.1	1791.8	2215.2	2776.2
-30°	227.9	278.3	340.0	411.0	511.1	622.3	747.7	906.3	1094.7	1319.1	1620.1
-32.5°	198.3	232.1	278.0	332.4	387.6	468.5	544.8	648.1	741.1	857.0	981.7
-35°	173.0	198.0	227.3	267.5	309.0	355.9	405.3	468.9	524.9	590.7	652.5
-37.5°	159.1	171.4	192.1	216.1	248.0	278.5	312.3	345.1	373.0	415.3	448.4
-40°	149.8	156.4	167.4	180.7	201.7	220.4	244.9	265.8	285.5	306.4	322.1
-42.5°	143.3	147.8	152.7	161.0	169.9	181.4	196.2	208.8	223.4	237.1	247.0
-45°	139.3	141.9	144.7	148.9	152.7	159.2	165.3	170.4	180.0	188.7	195.5
-47.5°	140.1	139.0	140.4	142.2	143.8	146.7	149.3	151.9	155.9	159.1	161.7
-50°	142.8	141.2	140.3	139.2	139.4	140.1	140.7	142.1	143.8	145.0	146.0
-52.5°	146.4	145.0	143.3	141.4	140.1	138.6	137.2	137.4	137.9	138.2	138.4
-55°	144.0	145.4	147.0	145.8	143.7	141.9	140.2	139.0	138.0	137.0	136.2
-57.5°	134.9	139.9	143.6	144.4	145.1	145.8	145.4	144.2	143.0	141.7	140.8
-60°	121.8	127.6	131.9	135.6	139.0	142.0	143.2	144.3	145.2	146.0	147.0
-62.5°	106.8	112.0	116.9	121.2	125.1	128.2	131.6	134.7	137.5	140.0	142.6
-65°	92.1	96.8	101.0	104.9	108.4	111.8	115.3	118.6	121.5	123.9	125.8
-67.5°	79.2	82.8	86.0	89.2	92.3	95.3	98.1	100.8	103.2	105.0	106.2
-70°	66.5	69.6	72.2	74.6	77.0	79.4	81.7	83.8	85.5	86.9	88.1
-72.5°	54.2	56.6	58.9	61.0	62.9	64.8	66.7	68.4	69.9	71.1	72.0
-75°	42.8	44.6	46.4	48.1	49.6	51.2	52.7	54.1	55.3	56.2	56.8
-77.5°	32.2	33.6	34.9	36.1	37.2	38.3	39.3	40.2	41.0	41.6	42.1
-80°	23.0	24.0	24.9	25.7	26.4	27.0	27.5	28.0	28.3	29.0	29.6
-82.5°	14.7	15.5	16.2	16.9	17.5	17.9	18.4	18.7	19.1	19.4	19.6
-85°	8.1	8.4	8.8	9.2	9.6	9.8	10.1	10.3	10.5	10.6	10.8
-87.5°	3.4	3.3	3.2	3.2	3.1	3.1	3.2	3.2	3.3	3.5	3.7
-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: P558644 (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°	3.9	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.5	3.3	3.2
85°	10.9	10.9	11.3	11.7	11.3	10.9	10.9	10.8	10.6	10.5	10.3
82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.4	19.1	18.7
80°	30.3	30.8	30.6	30.3	30.6	30.8	30.3	29.6	29.0	28.3	28.0
77.5°	42.4	42.5	42.3	42.0	42.3	42.5	42.4	42.1	41.6	41.0	40.2
75°	57.3	57.6	57.8	57.9	57.8	57.6	57.3	56.8	56.2	55.3	54.1
72.5°	72.7	73.3	73.3	73.0	73.3	73.3	72.7	72.0	71.1	69.9	68.4
70°	89.0	89.7	90.1	90.2	90.1	89.7	89.0	88.1	86.9	85.5	83.8
67.5°	107.0	107.5	107.9	108.1	107.9	107.5	107.0	106.2	105.0	103.2	100.8
65°	127.4	128.6	129.0	128.8	129.0	128.6	127.4	125.8	123.9	121.5	118.6
62.5°	144.9	147.0	147.9	148.1	147.9	147.0	144.9	142.6	140.0	137.5	134.7
60°	147.9	148.6	148.8	148.8	148.8	148.6	147.9	147.0	146.0	145.2	144.3
57.5°	139.8	139.0	138.5	138.4	138.5	139.0	139.8	140.8	141.7	143.0	144.2
55°	135.4	134.7	134.4	134.3	134.4	134.7	135.4	136.2	137.0	138.0	139.0
52.5°	138.4	138.3	138.6	139.1	138.6	138.3	138.4	138.4	138.2	137.9	137.4
50°	146.9	147.5	148.2	148.8	148.2	147.5	146.9	146.0	145.0	143.8	142.1
47.5°	163.5	164.4	165.0	165.3	165.0	164.4	163.5	161.7	159.1	155.9	151.9
45°	200.0	202.4	203.5	203.9	203.5	202.4	200.0	195.5	188.7	180.0	170.4
42.5°	253.5	257.2	258.7	259.0	258.7	257.2	253.5	247.0	237.1	223.4	208.8
40°	333.4	339.8	342.9	345.1	342.9	339.8	333.4	322.1	306.4	285.5	265.8
37.5°	473.2	489.3	498.4	506.3	498.4	489.3	473.2	448.4	415.3	373.0	345.1
35°	702.7	739.6	761.2	765.9	761.2	739.6	702.7	652.5	590.7	524.9	468.9
32.5°	1077.7	1149.9	1193.1	1198.5	1193.1	1149.9	1077.7	981.7	857.0	741.1	648.1
30°	1853.8	2056.2	2194.9	2175.9	2194.9	2056.2	1853.8	1620.1	1319.1	1094.7	906.3
27.5°	3235.7	3602.7	3841.1	3821.3	3841.1	3602.7	3235.7	2776.2	2215.2	1791.8	1306.1
25°	4712.7	5050.5	5249.9	5323.6	5249.9	5050.5	4712.7	4251.0	3650.5	2899.3	2113.7
22.5°	5918.8	6220.8	6393.3	6496.6	6393.3	6220.8	5918.8	5517.1	4933.6	4176.0	3300.0
20°	6842.9	7104.8	7253.2	7316.9	7253.2	7104.8	6842.9	6491.1	5975.6	5323.3	4428.6
17.5°	7553.8	7773.1	7941.1	7984.3	7941.1	7773.1	7553.8	7230.9	6773.9	6200.9	5422.3
15°	8182.7	8465.9	8664.0	8737.8	8664.0	8465.9	8182.7	7802.7	7391.8	6858.5	6184.9
12.5°	8975.6	9468.1	9729.9	9790.3	9729.9	9468.1	8975.6	8443.0	7892.2	7392.4	6743.7
10°	10147.7	10904.7	10990.5	10873.1	10990.5	10904.7	10147.7	9302.5	8476.7	7825.4	7174.8
7.5°	11854.6	12864.0	12645.8	12282.3	12645.8	12864.0	11854.6	10263.5	9072.4	8202.5	7485.5
5°	13076.2	14477.6	14521.2	14254.3	14521.2	14477.6	13076.2	11305.3	9706.9	8543.2	7733.4
2.5°	13562.5	15005.1	15723.2	15840.9	15723.2	15005.1	13562.5	11732.1	10062.2	8744.6	7895.5
0°	13598.9	15175.2	16026.5	16238.0	16026.5	15175.2	13598.9	11810.5	10121.6	8801.9	7956.1
-2.5°	13562.5	15005.1	15723.2	15840.9	15723.2	15005.1	13562.5	11732.1	10062.2	8744.6	7895.5
-5°	13076.2	14477.6	14521.2	14254.3	14521.2	14477.6	13076.2	11305.3	9706.9	8543.2	7733.4
-7.5°	11854.6	12864.0	12645.8	12282.3	12645.8	12864.0	11854.6	10263.5	9072.4	8202.5	7485.5
-10°	10147.7	10904.7	10990.5	10873.1	10990.5	10904.7	10147.7	9302.5	8476.7	7825.4	7174.8
-12.5°	8975.6	9468.1	9729.9	9790.3	9729.9	9468.1	8975.6	8443.0	7892.2	7392.4	6743.7
-15°	8182.7	8465.9	8664.0	8737.8	8664.0	8465.9	8182.7	7802.7	7391.8	6858.5	6184.9
-17.5°	7553.8	7773.1	7941.1	7984.3	7941.1	7773.1	7553.8	7230.9	6773.9	6200.9	5422.3
-20°	6842.9	7104.8	7253.2	7316.9	7253.2	7104.8	6842.9	6491.1	5975.6	5323.3	4428.6



REPORT NUMBER: P558644 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5918.8	6220.8	6393.3	6496.6	6393.3	6220.8	5918.8	5517.1	4933.6	4176.0	3300.0
-25°	4712.7	5050.5	5249.9	5323.6	5249.9	5050.5	4712.7	4251.0	3650.5	2899.3	2113.7
-27.5°	3235.7	3602.7	3841.1	3821.3	3841.1	3602.7	3235.7	2776.2	2215.2	1791.8	1306.1
-30°	1853.8	2056.2	2194.9	2175.9	2194.9	2056.2	1853.8	1620.1	1319.1	1094.7	906.3
-32.5°	1077.7	1149.9	1193.1	1198.5	1193.1	1149.9	1077.7	981.7	857.0	741.1	648.1
-35°	702.7	739.6	761.2	765.9	761.2	739.6	702.7	652.5	590.7	524.9	468.9
-37.5°	473.2	489.3	498.4	506.3	498.4	489.3	473.2	448.4	415.3	373.0	345.1
-40°	333.4	339.8	342.9	345.1	342.9	339.8	333.4	322.1	306.4	285.5	265.8
-42.5°	253.5	257.2	258.7	259.0	258.7	257.2	253.5	247.0	237.1	223.4	208.8
-45°	200.0	202.4	203.5	203.9	203.5	202.4	200.0	195.5	188.7	180.0	170.4
-47.5°	163.5	164.4	165.0	165.3	165.0	164.4	163.5	161.7	159.1	155.9	151.9
-50°	146.9	147.5	148.2	148.8	148.2	147.5	146.9	146.0	145.0	143.8	142.1
-52.5°	138.4	138.3	138.6	139.1	138.6	138.3	138.4	138.4	138.2	137.9	137.4
-55°	135.4	134.7	134.4	134.3	134.4	134.7	135.4	136.2	137.0	138.0	139.0
-57.5°	139.8	139.0	138.5	138.4	138.5	139.0	139.8	140.8	141.7	143.0	144.2
-60°	147.9	148.6	148.8	148.8	148.8	148.6	147.9	147.0	146.0	145.2	144.3
-62.5°	144.9	147.0	147.9	148.1	147.9	147.0	144.9	142.6	140.0	137.5	134.7
-65°	127.4	128.6	129.0	128.8	129.0	128.6	127.4	125.8	123.9	121.5	118.6
-67.5°	107.0	107.5	107.9	108.1	107.9	107.5	107.0	106.2	105.0	103.2	100.8
-70°	89.0	89.7	90.1	90.2	90.1	89.7	89.0	88.1	86.9	85.5	83.8
-72.5°	72.7	73.3	73.3	73.0	73.3	73.3	72.7	72.0	71.1	69.9	68.4
-75°	57.3	57.6	57.8	57.9	57.8	57.6	57.3	56.8	56.2	55.3	54.1
-77.5°	42.4	42.5	42.3	42.0	42.3	42.5	42.4	42.1	41.6	41.0	40.2
-80°	30.3	30.8	30.6	30.3	30.6	30.8	30.3	29.6	29.0	28.3	28.0
-82.5°	19.8	19.9	20.0	20.0	20.0	19.9	19.8	19.6	19.4	19.1	18.7
-85°	10.9	10.9	11.3	11.7	11.3	10.9	10.9	10.8	10.6	10.5	10.3
-87.5°	3.9	4.1	4.1	4.1	4.1	4.1	3.9	3.7	3.5	3.3	3.2
-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: P558644 (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°	3.2	3.1	3.1	3.2	3.2	3.3	3.4	3.3	3.1	3.0	2.9
85°	10.1	9.8	9.6	9.2	8.8	8.4	8.1	7.7	7.4	7.0	6.7
82.5°	18.4	17.9	17.5	16.9	16.2	15.5	14.7	14.0	13.2	12.3	11.5
80°	27.5	27.0	26.4	25.7	24.9	24.0	23.0	21.9	20.7	19.4	18.3
77.5°	39.3	38.3	37.2	36.1	34.9	33.6	32.2	30.7	29.3	27.8	26.1
75°	52.7	51.2	49.6	48.1	46.4	44.6	42.8	40.9	38.9	36.8	34.5
72.5°	66.7	64.8	62.9	61.0	58.9	56.6	54.2	51.6	49.0	46.4	43.5
70°	81.7	79.4	77.0	74.6	72.2	69.6	66.5	63.0	59.3	55.9	52.6
67.5°	98.1	95.3	92.3	89.2	86.0	82.8	79.2	75.2	71.0	66.7	62.3
65°	115.3	111.8	108.4	104.9	101.0	96.8	92.1	87.5	82.9	78.0	72.8
62.5°	131.6	128.2	125.1	121.2	116.9	112.0	106.8	101.3	95.5	89.5	83.7
60°	143.2	142.0	139.0	135.6	131.9	127.6	121.8	115.5	109.0	102.2	95.1
57.5°	145.4	145.8	145.1	144.4	143.6	139.9	134.9	129.5	122.7	115.0	106.9
55°	140.2	141.9	143.7	145.8	147.0	145.4	144.0	140.7	134.5	128.0	119.3
52.5°	137.2	138.6	140.1	141.4	143.3	145.0	146.4	144.9	143.5	138.0	130.7
50°	140.7	140.1	139.4	139.2	140.3	141.2	142.8	144.7	145.6	144.0	139.9
47.5°	149.3	146.7	143.8	142.2	140.4	139.0	140.1	141.5	144.1	146.3	144.3
45°	165.3	159.2	152.7	148.9	144.7	141.9	139.3	139.7	141.5	144.1	146.7
42.5°	196.2	181.4	169.9	161.0	152.7	147.8	143.3	140.6	139.9	141.9	144.2
40°	244.9	220.4	201.7	180.7	167.4	156.4	149.8	144.2	141.3	140.5	141.8
37.5°	312.3	278.5	248.0	216.1	192.1	171.4	159.1	150.6	144.4	141.1	140.2
35°	405.3	355.9	309.0	267.5	227.3	198.0	173.0	159.4	150.2	143.5	139.8
32.5°	544.8	468.5	387.6	332.4	278.0	232.1	198.3	172.0	156.6	147.8	142.0
30°	747.7	622.3	511.1	411.0	340.0	278.3	227.9	192.0	166.9	152.4	144.5
27.5°	1039.5	817.2	668.1	526.2	411.0	333.5	268.7	215.1	179.2	159.9	148.4
25°	1559.1	1124.3	855.9	669.1	514.4	391.7	312.6	248.1	199.0	167.7	151.9
22.5°	2323.2	1648.2	1128.5	826.2	633.7	478.8	363.2	282.6	217.7	179.3	158.1
20°	3426.2	2342.6	1581.4	1066.6	772.4	564.3	419.3	321.4	246.9	194.9	164.3
17.5°	4431.5	3314.4	2141.4	1351.3	945.4	681.3	491.9	358.7	272.0	208.8	169.7
15°	5300.9	4155.9	2902.3	1823.8	1131.3	789.0	559.7	392.2	295.7	225.5	180.1
12.5°	5918.3	4850.2	3601.9	2232.1	1348.6	910.0	639.8	445.9	321.4	241.9	189.5
10°	6433.1	5395.8	4176.4	2776.1	1660.0	1040.2	711.1	491.0	343.1	254.5	196.9
7.5°	6744.4	5799.4	4617.5	3235.1	1915.3	1149.5	769.9	524.7	360.6	263.5	202.3
5°	6982.2	6087.4	4938.2	3581.6	2125.3	1231.8	816.6	547.3	373.3	269.0	205.9
2.5°	7158.4	6252.7	5140.5	3791.0	2256.7	1285.8	847.9	563.3	379.6	273.9	208.9
0°	7184.7	6306.5	5152.8	3828.9	2223.4	1310.7	860.3	573.1	379.5	276.2	210.1
-2.5°	7158.4	6252.7	5140.5	3791.0	2256.7	1285.8	847.9	563.3	379.6	273.9	208.9
-5°	6982.2	6087.4	4938.2	3581.6	2125.3	1231.8	816.6	547.3	373.3	269.0	205.9
-7.5°	6744.4	5799.4	4617.5	3235.1	1915.3	1149.5	769.9	524.7	360.6	263.5	202.3
-10°	6433.1	5395.8	4176.4	2776.1	1660.0	1040.2	711.1	491.0	343.1	254.5	196.9
-12.5°	5918.3	4850.2	3601.9	2232.1	1348.6	910.0	639.8	445.9	321.4	241.9	189.5
-15°	5300.9	4155.9	2902.3	1823.8	1131.3	789.0	559.7	392.2	295.7	225.5	180.1
-17.5°	4431.5	3314.4	2141.4	1351.3	945.4	681.3	491.9	358.7	272.0	208.8	169.7
-20°	3426.2	2342.6	1581.4	1066.6	772.4	564.3	419.3	321.4	246.9	194.9	164.3



REPORT NUMBER: P558644 (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°	2323.2	1648.2	1128.5	826.2	633.7	478.8	363.2	282.6	217.7	179.3	158.1
-25°	1559.1	1124.3	855.9	669.1	514.4	391.7	312.6	248.1	199.0	167.7	151.9
-27.5°	1039.5	817.2	668.1	526.2	411.0	333.5	268.7	215.1	179.2	159.9	148.4
-30°	747.7	622.3	511.1	411.0	340.0	278.3	227.9	192.0	166.9	152.4	144.5
-32.5°	544.8	468.5	387.6	332.4	278.0	232.1	198.3	172.0	156.6	147.8	142.0
-35°	405.3	355.9	309.0	267.5	227.3	198.0	173.0	159.4	150.2	143.5	139.8
-37.5°	312.3	278.5	248.0	216.1	192.1	171.4	159.1	150.6	144.4	141.1	140.2
-40°	244.9	220.4	201.7	180.7	167.4	156.4	149.8	144.2	141.3	140.5	141.8
-42.5°	196.2	181.4	169.9	161.0	152.7	147.8	143.3	140.6	139.9	141.9	144.2
-45°	165.3	159.2	152.7	148.9	144.7	141.9	139.3	139.7	141.5	144.1	146.7
-47.5°	149.3	146.7	143.8	142.2	140.4	139.0	140.1	141.5	144.1	146.3	144.3
-50°	140.7	140.1	139.4	139.2	140.3	141.2	142.8	144.7	145.6	144.0	139.9
-52.5°	137.2	138.6	140.1	141.4	143.3	145.0	146.4	144.9	143.5	138.0	130.7
-55°	140.2	141.9	143.7	145.8	147.0	145.4	144.0	140.7	134.5	128.0	119.3
-57.5°	145.4	145.8	145.1	144.4	143.6	139.9	134.9	129.5	122.7	115.0	106.9
-60°	143.2	142.0	139.0	135.6	131.9	127.6	121.8	115.5	109.0	102.2	95.1
-62.5°	131.6	128.2	125.1	121.2	116.9	112.0	106.8	101.3	95.5	89.5	83.7
-65°	115.3	111.8	108.4	104.9	101.0	96.8	92.1	87.5	82.9	78.0	72.8
-67.5°	98.1	95.3	92.3	89.2	86.0	82.8	79.2	75.2	71.0	66.7	62.3
-70°	81.7	79.4	77.0	74.6	72.2	69.6	66.5	63.0	59.3	55.9	52.6
-72.5°	66.7	64.8	62.9	61.0	58.9	56.6	54.2	51.6	49.0	46.4	43.5
-75°	52.7	51.2	49.6	48.1	46.4	44.6	42.8	40.9	38.9	36.8	34.5
-77.5°	39.3	38.3	37.2	36.1	34.9	33.6	32.2	30.7	29.3	27.8	26.1
-80°	27.5	27.0	26.4	25.7	24.9	24.0	23.0	21.9	20.7	19.4	18.3
-82.5°	18.4	17.9	17.5	16.9	16.2	15.5	14.7	14.0	13.2	12.3	11.5
-85°	10.1	9.8	9.6	9.2	8.8	8.4	8.1	7.7	7.4	7.0	6.7
-87.5°	3.2	3.1	3.1	3.2	3.2	3.3	3.4	3.3	3.1	3.0	2.9
-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: P558644 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.2
85°	6.3	6.0	5.6	5.1	4.6	4.1	3.8	3.5	3.1	2.8	2.5
82.5°	10.7	10.2	9.6	9.1	8.3	7.5	6.7	5.9	5.1	4.3	3.7
80°	17.1	15.9	14.8	13.6	12.2	10.9	9.9	8.8	7.8	6.7	5.6
77.5°	24.2	22.2	20.3	18.6	16.9	15.2	13.5	11.9	10.5	9.2	7.8
75°	31.8	29.4	27.0	24.5	21.9	19.4	17.3	15.3	13.4	11.6	10.0
72.5°	40.5	37.3	34.0	30.5	27.5	24.4	21.4	18.6	16.4	14.3	12.2
70°	49.1	45.4	41.6	37.7	33.5	29.4	26.0	22.6	19.4	16.8	14.4
67.5°	57.8	53.8	49.5	44.8	40.1	35.4	30.6	26.7	23.1	19.4	16.6
65°	67.7	62.6	57.4	52.3	46.9	41.5	36.2	31.1	26.7	22.6	18.7
62.5°	77.8	71.7	65.8	59.8	53.9	47.9	41.7	36.2	30.5	25.8	21.3
60°	88.0	81.3	74.3	67.5	60.9	54.3	47.6	41.1	35.0	29.0	24.0
57.5°	99.0	91.0	83.2	75.4	67.8	60.6	53.4	46.2	39.4	32.7	26.7
55°	110.0	101.1	92.2	83.6	74.9	66.8	59.0	51.2	43.7	36.5	29.4
52.5°	121.8	111.4	101.4	91.8	82.4	73.1	64.7	56.0	48.0	40.2	32.5
50°	131.9	121.9	110.6	100.0	89.7	79.9	70.2	61.1	52.1	43.8	35.6
47.5°	140.2	130.8	120.0	108.1	97.1	86.5	76.1	66.0	56.0	47.2	38.6
45°	143.8	138.5	128.3	116.4	104.2	93.0	81.9	70.9	60.4	50.5	41.4
42.5°	145.8	142.5	135.3	124.2	111.7	99.4	87.6	75.9	64.6	53.7	44.1
40°	143.8	144.4	140.7	130.8	119.0	105.6	93.1	80.8	68.7	57.0	46.8
37.5°	141.5	143.9	142.5	137.1	125.7	112.0	98.4	85.5	72.7	60.5	49.4
35°	140.1	141.8	144.4	140.8	131.2	118.2	103.5	89.9	76.6	63.7	51.8
32.5°	138.8	140.2	143.0	142.4	136.4	124.1	108.6	94.2	80.3	66.8	54.1
30°	139.9	139.2	141.4	143.9	140.2	128.6	113.6	98.2	83.7	69.6	56.4
27.5°	141.6	138.1	139.9	143.2	141.4	132.7	118.2	101.9	86.9	72.3	58.7
25°	143.5	138.8	139.0	141.9	142.6	136.4	122.3	105.3	89.9	74.9	60.8
22.5°	146.4	139.9	138.1	140.6	143.6	139.8	125.8	108.7	92.6	77.2	62.7
20°	149.0	140.8	137.2	139.5	143.4	140.7	128.5	111.8	95.1	79.3	64.4
17.5°	151.8	142.3	137.7	138.7	142.4	141.4	131.0	114.5	97.3	81.2	65.9
15°	156.3	144.2	138.4	138.1	141.5	142.1	133.3	116.8	99.2	82.8	67.2
12.5°	160.1	145.8	138.9	137.5	140.6	142.7	135.2	118.7	100.8	84.2	68.3
10°	163.2	147.1	139.2	137.1	139.8	143.2	136.8	120.4	102.3	85.2	69.2
7.5°	165.6	148.1	139.4	136.7	139.1	143.5	138.3	122.2	103.5	86.0	70.0
5°	167.3	149.1	139.9	136.5	138.7	143.8	139.4	123.6	104.5	86.5	70.5
2.5°	168.8	150.5	140.6	136.4	138.5	144.0	140.1	124.7	105.1	86.8	70.8
0°	169.4	151.5	141.2	136.4	138.4	144.0	140.5	125.4	105.4	86.8	70.9
-2.5°	168.8	150.5	140.6	136.4	138.5	144.0	140.1	124.7	105.1	86.8	70.8
-5°	167.3	149.1	139.9	136.5	138.7	143.8	139.4	123.6	104.5	86.5	70.5
-7.5°	165.6	148.1	139.4	136.7	139.1	143.5	138.3	122.2	103.5	86.0	70.0
-10°	163.2	147.1	139.2	137.1	139.8	143.2	136.8	120.4	102.3	85.2	69.2
-12.5°	160.1	145.8	138.9	137.5	140.6	142.7	135.2	118.7	100.8	84.2	68.3
-15°	156.3	144.2	138.4	138.1	141.5	142.1	133.3	116.8	99.2	82.8	67.2
-17.5°	151.8	142.3	137.7	138.7	142.4	141.4	131.0	114.5	97.3	81.2	65.9
-20°	149.0	140.8	137.2	139.5	143.4	140.7	128.5	111.8	95.1	79.3	64.4



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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°	146.4	139.9	138.1	140.6	143.6	139.8	125.8	108.7	92.6	77.2	62.7
-25°	143.5	138.8	139.0	141.9	142.6	136.4	122.3	105.3	89.9	74.9	60.8
-27.5°	141.6	138.1	139.9	143.2	141.4	132.7	118.2	101.9	86.9	72.3	58.7
-30°	139.9	139.2	141.4	143.9	140.2	128.6	113.6	98.2	83.7	69.6	56.4
-32.5°	138.8	140.2	143.0	142.4	136.4	124.1	108.6	94.2	80.3	66.8	54.1
-35°	140.1	141.8	144.4	140.8	131.2	118.2	103.5	89.9	76.6	63.7	51.8
-37.5°	141.5	143.9	142.5	137.1	125.7	112.0	98.4	85.5	72.7	60.5	49.4
-40°	143.8	144.4	140.7	130.8	119.0	105.6	93.1	80.8	68.7	57.0	46.8
-42.5°	145.8	142.5	135.3	124.2	111.7	99.4	87.6	75.9	64.6	53.7	44.1
-45°	143.8	138.5	128.3	116.4	104.2	93.0	81.9	70.9	60.4	50.5	41.4
-47.5°	140.2	130.8	120.0	108.1	97.1	86.5	76.1	66.0	56.0	47.2	38.6
-50°	131.9	121.9	110.6	100.0	89.7	79.9	70.2	61.1	52.1	43.8	35.6
-52.5°	121.8	111.4	101.4	91.8	82.4	73.1	64.7	56.0	48.0	40.2	32.5
-55°	110.0	101.1	92.2	83.6	74.9	66.8	59.0	51.2	43.7	36.5	29.4
-57.5°	99.0	91.0	83.2	75.4	67.8	60.6	53.4	46.2	39.4	32.7	26.7
-60°	88.0	81.3	74.3	67.5	60.9	54.3	47.6	41.1	35.0	29.0	24.0
-62.5°	77.8	71.7	65.8	59.8	53.9	47.9	41.7	36.2	30.5	25.8	21.3
-65°	67.7	62.6	57.4	52.3	46.9	41.5	36.2	31.1	26.7	22.6	18.7
-67.5°	57.8	53.8	49.5	44.8	40.1	35.4	30.6	26.7	23.1	19.4	16.6
-70°	49.1	45.4	41.6	37.7	33.5	29.4	26.0	22.6	19.4	16.8	14.4
-72.5°	40.5	37.3	34.0	30.5	27.5	24.4	21.4	18.6	16.4	14.3	12.2
-75°	31.8	29.4	27.0	24.5	21.9	19.4	17.3	15.3	13.4	11.6	10.0
-77.5°	24.2	22.2	20.3	18.6	16.9	15.2	13.5	11.9	10.5	9.2	7.8
-80°	17.1	15.9	14.8	13.6	12.2	10.9	9.9	8.8	7.8	6.7	5.6
-82.5°	10.7	10.2	9.6	9.1	8.3	7.5	6.7	5.9	5.1	4.3	3.7
-85°	6.3	6.0	5.6	5.1	4.6	4.1	3.8	3.5	3.1	2.8	2.5
-87.5°	2.8	2.6	2.5	2.4	2.2	2.0	1.9	1.7	1.6	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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	6.3	4.6	3.5	2.7	1.8	0.9	0.0
75°	8.2	6.2	4.3	3.2	2.1	1.1	0.0
72.5°	10.0	7.7	5.5	3.7	2.5	1.2	0.0
70°	11.9	9.2	6.7	4.3	2.8	1.4	0.0
67.5°	13.7	10.7	7.9	5.1	3.1	1.6	0.0
65°	15.6	12.3	9.0	6.0	3.5	1.7	0.0
62.5°	17.4	13.8	10.1	6.8	3.8	1.9	0.0
60°	19.2	15.4	11.2	7.6	4.1	2.0	0.0
57.5°	21.5	16.9	12.4	8.4	4.6	2.2	0.0
55°	23.8	18.4	13.7	9.1	5.1	2.4	0.0
52.5°	26.0	19.9	14.9	9.8	5.6	2.5	0.0
50°	28.1	21.7	16.0	10.5	6.1	2.6	0.0
47.5°	30.2	23.4	17.2	11.2	6.6	2.8	0.0
45°	32.6	25.1	18.3	12.1	7.0	2.9	0.0
42.5°	34.9	26.7	19.4	12.9	7.5	3.0	0.0
40°	37.1	28.2	20.5	13.7	7.9	3.1	0.0
37.5°	39.1	29.6	21.6	14.4	8.3	3.3	0.0
35°	41.0	31.2	22.7	15.1	8.7	3.4	0.0
32.5°	42.8	32.7	23.8	15.7	9.1	3.5	0.0
30°	44.6	34.0	24.7	16.3	9.4	3.6	0.0
27.5°	46.4	35.3	25.6	16.9	9.7	3.6	0.0
25°	47.9	36.4	26.3	17.3	10.0	3.7	0.0
22.5°	49.4	37.5	27.0	17.8	10.3	3.8	0.0
20°	50.7	38.3	27.6	18.1	10.6	3.9	0.0
17.5°	51.9	39.1	28.1	18.5	10.8	3.9	0.0
15°	52.9	39.7	28.5	18.7	11.0	4.0	0.0
12.5°	53.8	40.3	28.9	19.0	11.2	4.0	0.0
10°	54.5	40.7	29.2	19.1	11.4	4.0	0.0
7.5°	55.1	41.0	29.4	19.2	11.5	4.1	0.0
5°	55.5	41.2	29.6	19.3	11.6	4.1	0.0
2.5°	55.7	41.3	29.6	19.3	11.7	4.1	0.0
0°	55.8	41.3	29.6	19.3	11.7	4.1	0.0
-2.5°	55.7	41.3	29.6	19.3	11.7	4.1	0.0
-5°	55.5	41.2	29.6	19.3	11.6	4.1	0.0
-7.5°	55.1	41.0	29.4	19.2	11.5	4.1	0.0
-10°	54.5	40.7	29.2	19.1	11.4	4.0	0.0
-12.5°	53.8	40.3	28.9	19.0	11.2	4.0	0.0
-15°	52.9	39.7	28.5	18.7	11.0	4.0	0.0
-17.5°	51.9	39.1	28.1	18.5	10.8	3.9	0.0
-20°	50.7	38.3	27.6	18.1	10.6	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	49.4	37.5	27.0	17.8	10.3	3.8	0.0
-25°	47.9	36.4	26.3	17.3	10.0	3.7	0.0
-27.5°	46.4	35.3	25.6	16.9	9.7	3.6	0.0
-30°	44.6	34.0	24.7	16.3	9.4	3.6	0.0
-32.5°	42.8	32.7	23.8	15.7	9.1	3.5	0.0
-35°	41.0	31.2	22.7	15.1	8.7	3.4	0.0
-37.5°	39.1	29.6	21.6	14.4	8.3	3.3	0.0
-40°	37.1	28.2	20.5	13.7	7.9	3.1	0.0
-42.5°	34.9	26.7	19.4	12.9	7.5	3.0	0.0
-45°	32.6	25.1	18.3	12.1	7.0	2.9	0.0
-47.5°	30.2	23.4	17.2	11.2	6.6	2.8	0.0
-50°	28.1	21.7	16.0	10.5	6.1	2.6	0.0
-52.5°	26.0	19.9	14.9	9.8	5.6	2.5	0.0
-55°	23.8	18.4	13.7	9.1	5.1	2.4	0.0
-57.5°	21.5	16.9	12.4	8.4	4.6	2.2	0.0
-60°	19.2	15.4	11.2	7.6	4.1	2.0	0.0
-62.5°	17.4	13.8	10.1	6.8	3.8	1.9	0.0
-65°	15.6	12.3	9.0	6.0	3.5	1.7	0.0
-67.5°	13.7	10.7	7.9	5.1	3.1	1.6	0.0
-70°	11.9	9.2	6.7	4.3	2.8	1.4	0.0
-72.5°	10.0	7.7	5.5	3.7	2.5	1.2	0.0
-75°	8.2	6.2	4.3	3.2	2.1	1.1	0.0
-77.5°	6.3	4.6	3.5	2.7	1.8	0.9	0.0
-80°	4.3	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)