

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: P558620 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558620 (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-927-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

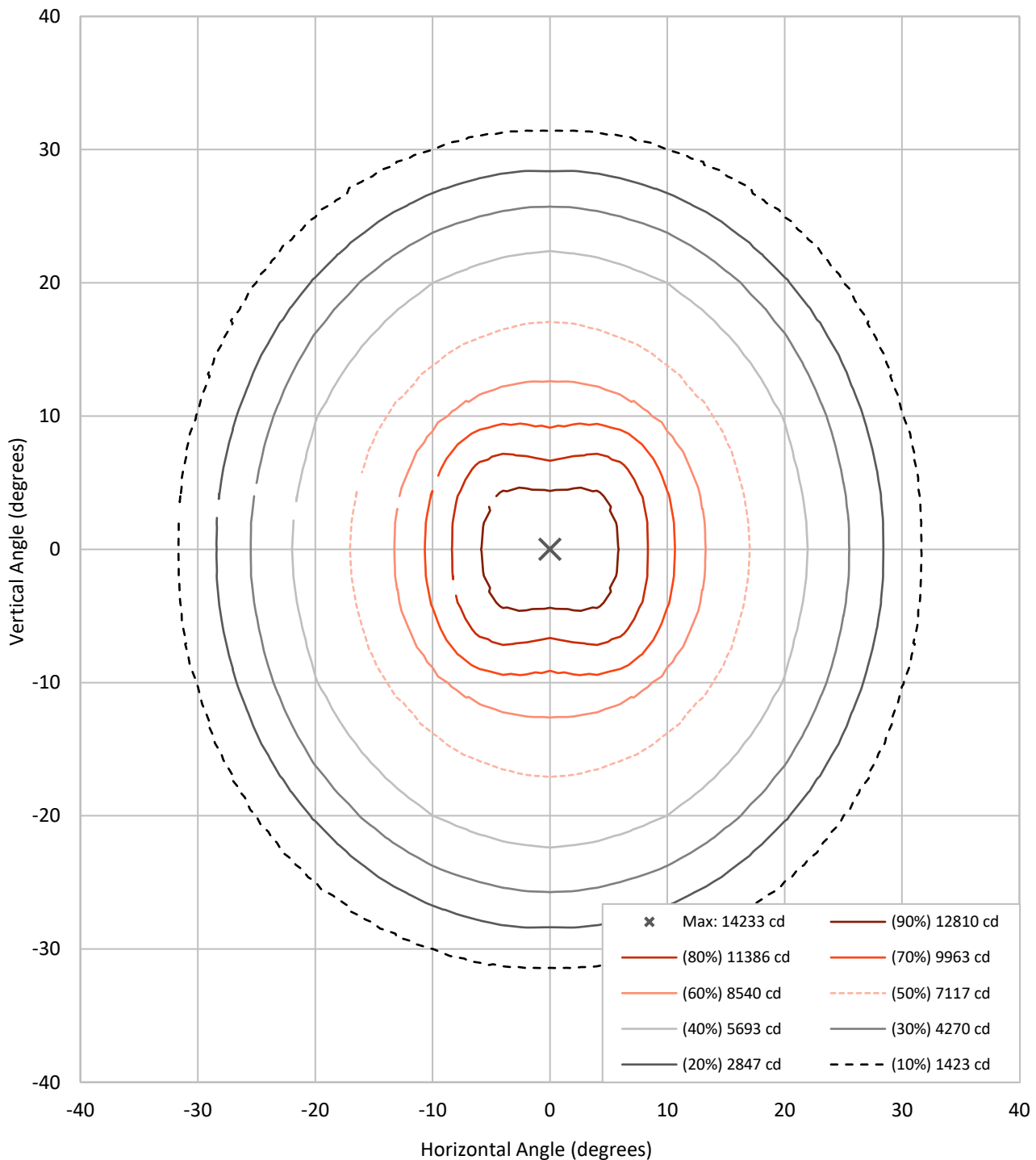
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	6296.3 lumens	Max Intensity:	14233 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	2681.8 lumens	Field Lumens:	5481.1 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



REPORT NUMBER: P558620 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





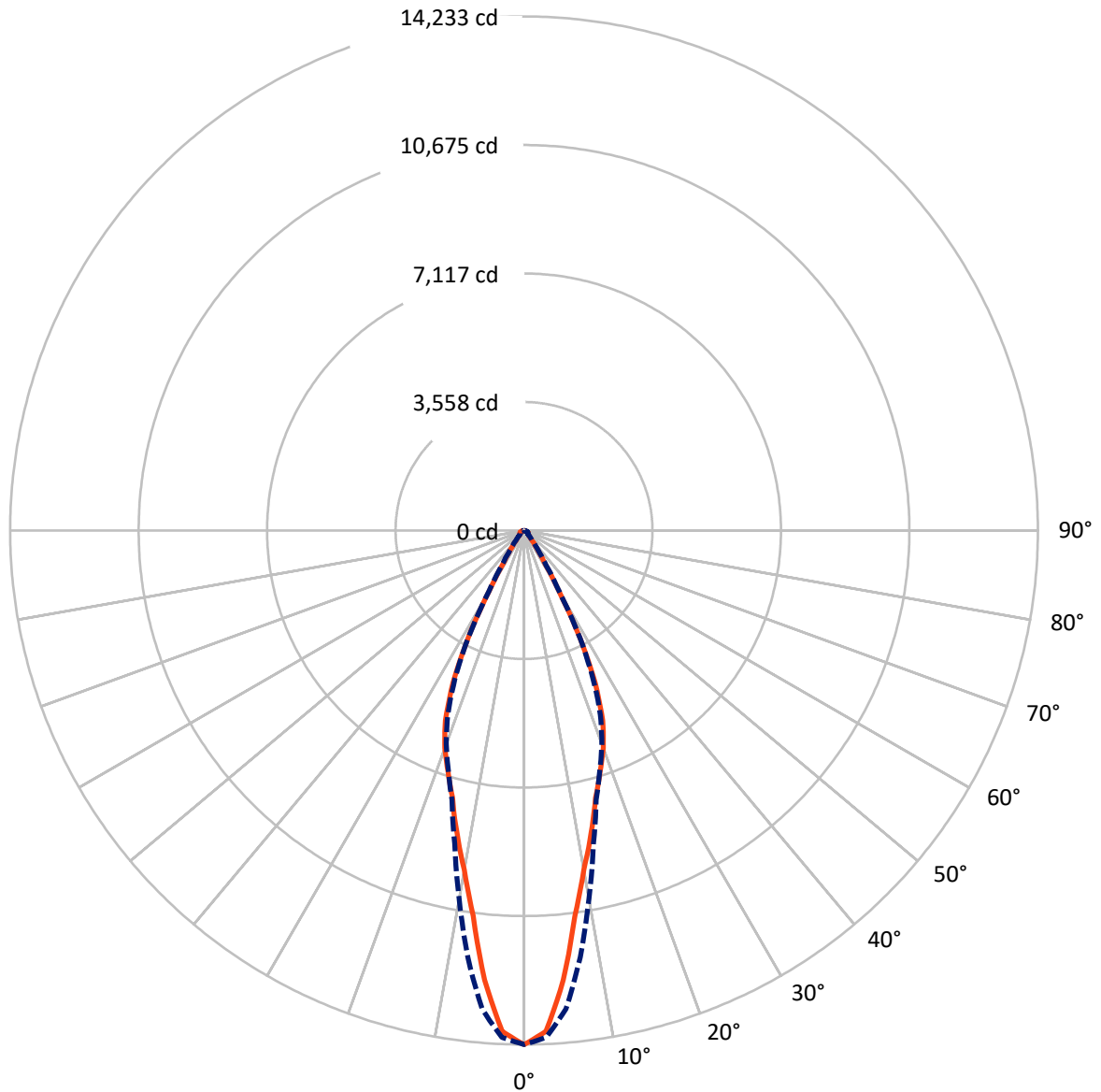
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Lumen Table

90																
80	0.1	0.7		2.0		3.2		3.8		3.2		2.0		0.7		0.1
70																
60	0.3	0.4	0.8	1.4	2.0	2.6	3.1	3.3	3.3	3.1	2.6	2.0	1.4	0.8	0.4	0.3
50		0.6	1.3	2.2	3.0	3.4	3.6	3.7	3.7	3.6	3.4	3.0	2.2	1.3	0.6	
40	0.6	0.8	1.8	2.7	3.1	3.9	5.0	5.7	5.7	5.0	3.9	3.1	2.7	1.8	0.8	0.6
30		1.0	2.1	2.7	4.1	8.0	15.3	23.3	23.3	15.3	8.0	4.1	2.7	2.1	1.0	
20	0.8	1.2	2.1	3.0	7.4	24.5	77.0	126.8	126.8	77.0	24.5	7.4	3.0	2.1	1.2	0.8
10		1.3	2.1	3.7	13.8	72.6	171.6	227.3	227.3	171.6	72.6	13.8	3.7	2.1	1.3	
0	0.9	1.4	2.2	4.3	20.9	114.4	223.2	352.2	352.2	223.2	114.4	20.9	4.3	2.2	1.4	0.9
-10		1.4	2.2	4.3	20.9	114.4	223.2	352.2	352.2	223.2	114.4	20.9	4.3	2.2	1.4	
-20	0.8	1.3	2.1	3.7	13.8	72.6	171.6	227.3	227.3	171.6	72.6	13.8	3.7	2.1	1.3	0.8
-30		1.2	2.1	3.0	7.4	24.5	77.0	126.8	126.8	77.0	24.5	7.4	3.0	2.1	1.2	
-40	0.6	1.0	2.1	2.7	4.1	8.0	15.3	23.3	23.3	15.3	8.0	4.1	2.7	2.1	1.0	0.6
-50		0.8	1.8	2.7	3.1	3.9	5.0	5.7	5.7	5.0	3.9	3.1	2.7	1.8	0.8	
-60	0.3	0.6	1.3	2.2	3.0	3.4	3.6	3.7	3.7	3.6	3.4	3.0	2.2	1.3	0.6	0.3
-70		0.4	0.8	1.4	2.0	2.6	3.1	3.3	3.3	3.1	2.6	2.0	1.4	0.8	0.4	
-80																
-90	0.1	0.7		2.0		3.2		3.8		3.2		2.0		0.7		0.1

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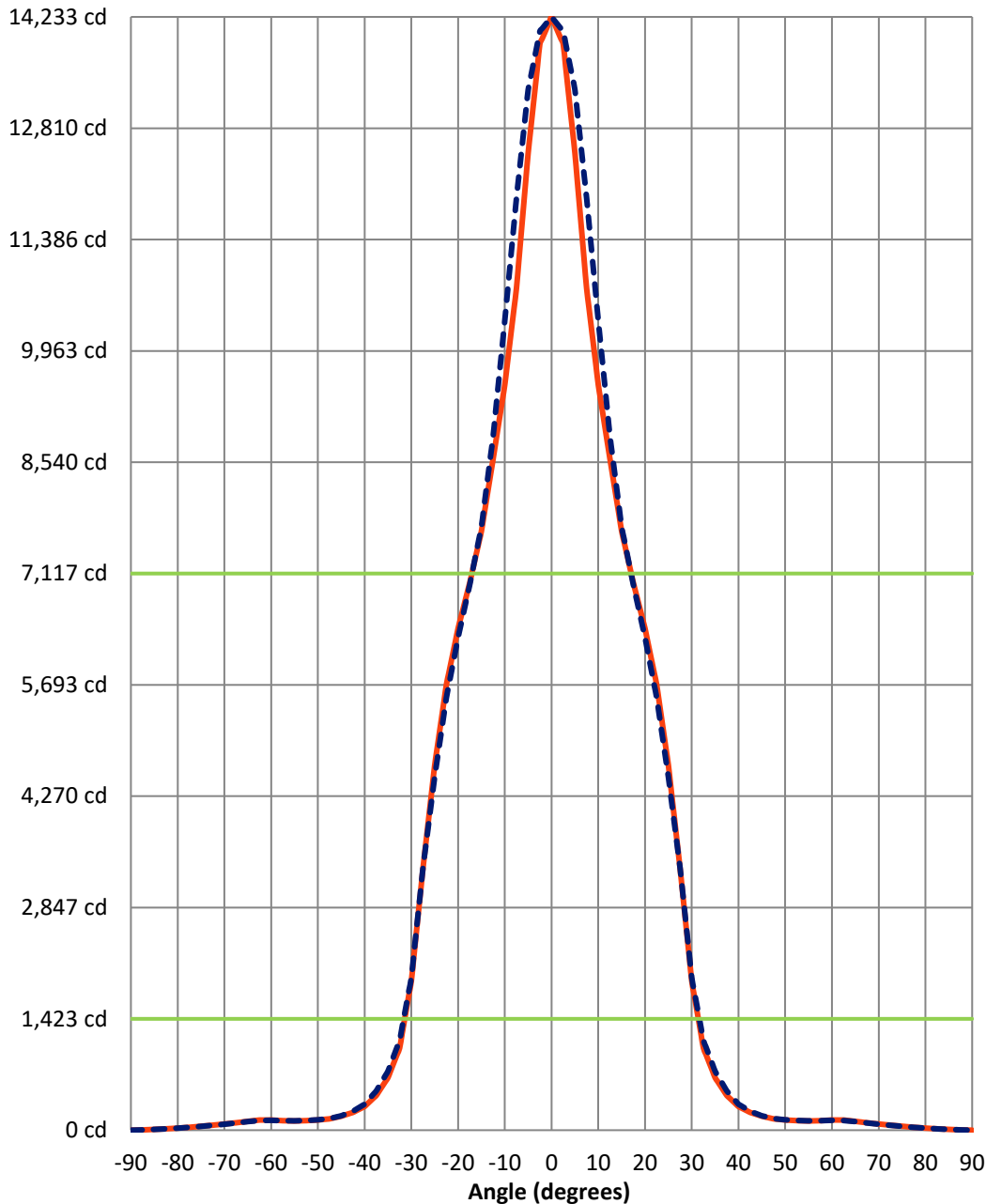
Luminous Intensity Polar Plot



— 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: 2681.8
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 5481.1
Efficiency: 87.1%

Spill:
Lumens: 815.2
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	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.8	4.5	5.2
80°	0.0	0.6	1.2	1.9	2.5	3.1	3.8	4.9	5.9	6.9	7.8
77.5°	0.0	0.8	1.6	2.3	3.1	4.1	5.5	6.8	8.1	9.3	10.4
75°	0.0	0.9	1.9	2.8	3.8	5.5	7.2	8.8	10.3	11.8	13.4
72.5°	0.0	1.1	2.2	3.2	4.9	6.8	8.8	10.7	12.5	14.4	16.3
70°	0.0	1.2	2.5	3.7	5.9	8.1	10.5	12.6	14.8	17.0	19.9
67.5°	0.0	1.4	2.8	4.5	6.9	9.4	12.1	14.5	17.0	20.3	23.5
65°	0.0	1.5	3.0	5.2	7.9	10.8	13.7	16.4	19.9	23.5	27.3
62.5°	0.0	1.7	3.3	6.0	8.9	12.1	15.3	18.7	22.7	26.8	31.7
60°	0.0	1.8	3.6	6.7	9.9	13.5	16.8	21.1	25.4	30.7	36.0
57.5°	0.0	1.9	4.1	7.4	11.0	14.8	18.8	23.5	28.7	34.5	40.5
55°	0.0	2.1	4.5	8.0	12.0	16.1	20.8	25.8	32.0	38.3	44.9
52.5°	0.0	2.2	4.9	8.7	13.1	17.5	22.8	28.5	35.2	42.0	49.1
50°	0.0	2.3	5.4	9.3	14.1	19.0	24.7	31.2	38.3	45.6	53.5
47.5°	0.0	2.4	5.8	9.9	15.1	20.5	26.5	33.8	41.4	49.1	57.9
45°	0.0	2.5	6.2	10.6	16.0	22.0	28.6	36.3	44.3	52.9	62.2
42.5°	0.0	2.7	6.6	11.3	17.0	23.4	30.6	38.7	47.1	56.7	66.6
40°	0.0	2.8	7.0	12.0	17.9	24.8	32.5	41.0	49.9	60.3	70.9
37.5°	0.0	2.9	7.3	12.7	19.0	26.0	34.3	43.3	53.0	63.8	74.9
35°	0.0	2.9	7.7	13.3	19.9	27.4	35.9	45.4	55.9	67.2	78.8
32.5°	0.0	3.0	8.0	13.8	20.8	28.7	37.5	47.4	58.5	70.4	82.6
30°	0.0	3.1	8.3	14.3	21.7	29.9	39.1	49.4	61.0	73.4	86.1
27.5°	0.0	3.2	8.6	14.8	22.4	31.0	40.6	51.4	63.4	76.1	89.3
25°	0.0	3.3	8.8	15.2	23.1	32.0	42.0	53.3	65.7	78.8	92.3
22.5°	0.0	3.3	9.1	15.6	23.7	32.8	43.3	55.0	67.7	81.2	95.3
20°	0.0	3.4	9.3	15.9	24.2	33.6	44.4	56.5	69.6	83.4	98.0
17.5°	0.0	3.4	9.5	16.2	24.7	34.3	45.5	57.8	71.2	85.3	100.3
15°	0.0	3.5	9.7	16.4	25.1	34.8	46.3	58.9	72.6	87.0	102.4
12.5°	0.0	3.5	9.9	16.6	25.4	35.3	47.1	59.9	73.8	88.4	104.1
10°	0.0	3.5	10.0	16.7	25.7	35.7	47.7	60.7	74.7	89.7	105.6
7.5°	0.0	3.6	10.1	16.8	25.8	36.0	48.2	61.4	75.4	90.8	107.1
5°	0.0	3.6	10.2	16.9	26.0	36.1	48.6	61.8	75.9	91.6	108.4
2.5°	0.0	3.6	10.3	16.9	26.0	36.2	48.8	62.1	76.1	92.1	109.3
0°	0.0	3.6	10.3	16.9	26.0	36.2	48.8	62.1	76.1	92.1	109.3
-2.5°	0.0	3.6	10.3	16.9	26.0	36.2	48.8	62.1	76.1	92.1	109.3
-5°	0.0	3.6	10.2	16.9	26.0	36.1	48.6	61.8	75.9	91.6	108.4
-7.5°	0.0	3.6	10.1	16.8	25.8	36.0	48.2	61.4	75.4	90.8	107.1
-10°	0.0	3.5	10.0	16.7	25.7	35.7	47.7	60.7	74.7	89.7	105.6
-12.5°	0.0	3.5	9.9	16.6	25.4	35.3	47.1	59.9	73.8	88.4	104.1
-15°	0.0	3.5	9.7	16.4	25.1	34.8	46.3	58.9	72.6	87.0	102.4
-17.5°	0.0	3.4	9.5	16.2	24.7	34.3	45.5	57.8	71.2	85.3	100.3
-20°	0.0	3.4	9.3	15.9	24.2	33.6	44.4	56.5	69.6	83.4	98.0



REPORT NUMBER: P558620 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-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	3.3	9.1	15.6	23.7	32.8	43.3	55.0	67.7	81.2	95.3
-25°	0.0	3.3	8.8	15.2	23.1	32.0	42.0	53.3	65.7	78.8	92.3
-27.5°	0.0	3.2	8.6	14.8	22.4	31.0	40.6	51.4	63.4	76.1	89.3
-30°	0.0	3.1	8.3	14.3	21.7	29.9	39.1	49.4	61.0	73.4	86.1
-32.5°	0.0	3.0	8.0	13.8	20.8	28.7	37.5	47.4	58.5	70.4	82.6
-35°	0.0	2.9	7.7	13.3	19.9	27.4	35.9	45.4	55.9	67.2	78.8
-37.5°	0.0	2.9	7.3	12.7	19.0	26.0	34.3	43.3	53.0	63.8	74.9
-40°	0.0	2.8	7.0	12.0	17.9	24.8	32.5	41.0	49.9	60.3	70.9
-42.5°	0.0	2.7	6.6	11.3	17.0	23.4	30.6	38.7	47.1	56.7	66.6
-45°	0.0	2.5	6.2	10.6	16.0	22.0	28.6	36.3	44.3	52.9	62.2
-47.5°	0.0	2.4	5.8	9.9	15.1	20.5	26.5	33.8	41.4	49.1	57.9
-50°	0.0	2.3	5.4	9.3	14.1	19.0	24.7	31.2	38.3	45.6	53.5
-52.5°	0.0	2.2	4.9	8.7	13.1	17.5	22.8	28.5	35.2	42.0	49.1
-55°	0.0	2.1	4.5	8.0	12.0	16.1	20.8	25.8	32.0	38.3	44.9
-57.5°	0.0	1.9	4.1	7.4	11.0	14.8	18.8	23.5	28.7	34.5	40.5
-60°	0.0	1.8	3.6	6.7	9.9	13.5	16.8	21.1	25.4	30.7	36.0
-62.5°	0.0	1.7	3.3	6.0	8.9	12.1	15.3	18.7	22.7	26.8	31.7
-65°	0.0	1.5	3.0	5.2	7.9	10.8	13.7	16.4	19.9	23.5	27.3
-67.5°	0.0	1.4	2.8	4.5	6.9	9.4	12.1	14.5	17.0	20.3	23.5
-70°	0.0	1.2	2.5	3.7	5.9	8.1	10.5	12.6	14.8	17.0	19.9
-72.5°	0.0	1.1	2.2	3.2	4.9	6.8	8.8	10.7	12.5	14.4	16.3
-75°	0.0	0.9	1.9	2.8	3.8	5.5	7.2	8.8	10.3	11.8	13.4
-77.5°	0.0	0.8	1.6	2.3	3.1	4.1	5.5	6.8	8.1	9.3	10.4
-80°	0.0	0.6	1.2	1.9	2.5	3.1	3.8	4.9	5.9	6.9	7.8
-82.5°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.8	4.5	5.2
-85°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.0
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	2.9
85°	3.3	3.6	4.0	4.5	4.9	5.3	5.6	5.9	6.2	6.5	6.8
82.5°	5.9	6.6	7.3	8.0	8.5	9.0	9.5	10.1	10.9	11.6	12.3
80°	8.7	9.7	10.8	11.9	13.0	14.0	15.0	16.0	17.0	18.1	19.2
77.5°	11.9	13.3	14.8	16.3	17.8	19.5	21.2	22.8	24.4	25.7	26.9
75°	15.1	17.0	19.2	21.4	23.6	25.8	27.9	30.2	32.3	34.1	35.8
72.5°	18.8	21.4	24.1	26.8	29.8	32.6	35.4	38.1	40.6	42.9	45.2
70°	22.8	25.8	29.4	33.0	36.4	39.7	43.0	46.0	48.9	51.9	55.2
67.5°	26.9	31.1	35.2	39.2	43.3	47.1	50.6	54.6	58.4	62.2	65.9
65°	31.7	36.3	41.1	45.8	50.2	54.8	59.3	63.8	68.4	72.7	76.8
62.5°	36.5	41.9	47.2	52.4	57.7	62.8	68.2	73.4	78.5	83.8	88.8
60°	41.7	47.6	53.4	59.2	65.1	71.3	77.2	83.4	89.6	95.5	101.3
57.5°	46.8	53.1	59.5	66.1	73.0	79.8	86.8	93.7	100.8	107.6	113.5
55°	51.7	58.6	65.7	73.3	80.9	88.7	96.5	104.6	112.2	117.9	123.3
52.5°	56.7	64.1	72.3	80.5	88.9	97.7	106.8	114.5	120.9	125.8	127.0
50°	61.6	70.0	78.7	87.7	97.0	106.9	115.6	122.7	126.2	127.6	126.9
47.5°	66.7	75.8	85.1	94.8	105.2	114.7	122.9	126.5	128.2	126.4	124.1
45°	71.8	81.6	91.4	102.0	112.5	121.4	126.0	128.6	126.3	124.1	122.5
42.5°	76.7	87.2	97.9	108.9	118.6	124.9	127.8	126.4	124.4	122.7	123.3
40°	81.6	92.5	104.3	114.6	123.4	126.6	126.1	124.3	123.2	123.9	126.4
37.5°	86.3	98.2	110.2	120.2	124.9	126.2	124.1	122.9	123.8	126.6	132.0
35°	90.7	103.6	115.0	123.4	126.6	124.4	122.8	122.6	125.9	131.6	139.7
32.5°	95.2	108.8	119.6	124.9	125.4	122.9	121.7	124.5	129.6	137.2	150.8
30°	99.6	112.8	122.9	126.1	123.9	122.0	122.7	126.7	133.5	146.3	168.3
27.5°	103.6	116.4	124.0	125.5	122.7	121.1	124.1	130.1	140.1	157.1	188.5
25°	107.2	119.6	125.0	124.4	121.9	121.7	125.8	133.1	147.0	174.5	217.5
22.5°	110.2	122.6	125.9	123.3	121.0	122.7	128.3	138.6	157.2	190.9	247.7
20°	112.7	123.4	125.7	122.3	120.2	123.5	130.6	144.0	170.9	216.4	281.7
17.5°	114.9	124.0	124.8	121.6	120.7	124.7	133.0	148.8	183.1	238.4	314.4
15°	116.9	124.6	124.0	121.0	121.3	126.4	137.0	157.8	197.7	259.1	343.7
12.5°	118.6	125.1	123.3	120.5	121.7	127.8	140.3	166.1	212.0	281.6	390.8
10°	120.0	125.5	122.6	120.1	122.0	129.0	143.0	172.6	223.1	300.7	430.3
7.5°	121.3	125.8	122.0	119.8	122.2	129.8	145.1	177.3	231.0	316.1	459.9
5°	122.3	126.0	121.7	119.6	122.7	130.7	146.6	180.4	235.8	327.2	479.7
2.5°	122.9	126.2	121.5	119.5	123.3	131.9	147.9	183.0	240.1	332.8	493.8
0°	123.2	126.2	121.4	119.5	123.8	132.8	148.5	184.1	242.1	332.7	502.3
-2.5°	122.9	126.2	121.5	119.5	123.3	131.9	147.9	183.0	240.1	332.8	493.8
-5°	122.3	126.0	121.7	119.6	122.7	130.7	146.6	180.4	235.8	327.2	479.7
-7.5°	121.3	125.8	122.0	119.8	122.2	129.8	145.1	177.3	231.0	316.1	459.9
-10°	120.0	125.5	122.6	120.1	122.0	129.0	143.0	172.6	223.1	300.7	430.3
-12.5°	118.6	125.1	123.3	120.5	121.7	127.8	140.3	166.1	212.0	281.6	390.8
-15°	116.9	124.6	124.0	121.0	121.3	126.4	137.0	157.8	197.7	259.1	343.7
-17.5°	114.9	124.0	124.8	121.6	120.7	124.7	133.0	148.8	183.1	238.4	314.4
-20°	112.7	123.4	125.7	122.3	120.2	123.5	130.6	144.0	170.9	216.4	281.7



REPORT NUMBER: P558620 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	110.2	122.6	125.9	123.3	121.0	122.7	128.3	138.6	157.2	190.9	247.7
-25°	107.2	119.6	125.0	124.4	121.9	121.7	125.8	133.1	147.0	174.5	217.5
-27.5°	103.6	116.4	124.0	125.5	122.7	121.1	124.1	130.1	140.1	157.1	188.5
-30°	99.6	112.8	122.9	126.1	123.9	122.0	122.7	126.7	133.5	146.3	168.3
-32.5°	95.2	108.8	119.6	124.9	125.4	122.9	121.7	124.5	129.6	137.2	150.8
-35°	90.7	103.6	115.0	123.4	126.6	124.4	122.8	122.6	125.9	131.6	139.7
-37.5°	86.3	98.2	110.2	120.2	124.9	126.2	124.1	122.9	123.8	126.6	132.0
-40°	81.6	92.5	104.3	114.6	123.4	126.6	126.1	124.3	123.2	123.9	126.4
-42.5°	76.7	87.2	97.9	108.9	118.6	124.9	127.8	126.4	124.4	122.7	123.3
-45°	71.8	81.6	91.4	102.0	112.5	121.4	126.0	128.6	126.3	124.1	122.5
-47.5°	66.7	75.8	85.1	94.8	105.2	114.7	122.9	126.5	128.2	126.4	124.1
-50°	61.6	70.0	78.7	87.7	97.0	106.9	115.6	122.7	126.2	127.6	126.9
-52.5°	56.7	64.1	72.3	80.5	88.9	97.7	106.8	114.5	120.9	125.8	127.0
-55°	51.7	58.6	65.7	73.3	80.9	88.7	96.5	104.6	112.2	117.9	123.3
-57.5°	46.8	53.1	59.5	66.1	73.0	79.8	86.8	93.7	100.8	107.6	113.5
-60°	41.7	47.6	53.4	59.2	65.1	71.3	77.2	83.4	89.6	95.5	101.3
-62.5°	36.5	41.9	47.2	52.4	57.7	62.8	68.2	73.4	78.5	83.8	88.8
-65°	31.7	36.3	41.1	45.8	50.2	54.8	59.3	63.8	68.4	72.7	76.8
-67.5°	26.9	31.1	35.2	39.2	43.3	47.1	50.6	54.6	58.4	62.2	65.9
-70°	22.8	25.8	29.4	33.0	36.4	39.7	43.0	46.0	48.9	51.9	55.2
-72.5°	18.8	21.4	24.1	26.8	29.8	32.6	35.4	38.1	40.6	42.9	45.2
-75°	15.1	17.0	19.2	21.4	23.6	25.8	27.9	30.2	32.3	34.1	35.8
-77.5°	11.9	13.3	14.8	16.3	17.8	19.5	21.2	22.8	24.4	25.7	26.9
-80°	8.7	9.7	10.8	11.9	13.0	14.0	15.0	16.0	17.0	18.1	19.2
-82.5°	5.9	6.6	7.3	8.0	8.5	9.0	9.5	10.1	10.9	11.6	12.3
-85°	3.3	3.6	4.0	4.5	4.9	5.3	5.6	5.9	6.2	6.5	6.8
-87.5°	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.5	2.7	2.8	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: P558620 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.9	2.9	2.8	2.7	2.8	2.8	2.9	2.9	3.1	3.2
85°	7.1	7.4	7.8	8.1	8.4	8.7	8.9	9.1	9.2	9.4	9.5
82.5°	12.9	13.6	14.2	14.8	15.3	15.7	16.1	16.4	16.7	16.9	17.1
80°	20.1	21.0	21.8	22.5	23.2	23.7	24.2	24.5	24.8	25.4	26.0
77.5°	28.2	29.4	30.6	31.7	32.6	33.6	34.4	35.2	35.9	36.5	36.9
75°	37.5	39.1	40.7	42.1	43.5	44.8	46.2	47.4	48.5	49.2	49.8
72.5°	47.5	49.7	51.6	53.5	55.1	56.8	58.5	60.0	61.3	62.3	63.1
70°	58.3	61.0	63.3	65.4	67.5	69.6	71.6	73.4	75.0	76.2	77.3
67.5°	69.4	72.6	75.4	78.2	81.0	83.6	86.0	88.3	90.5	92.1	93.1
65°	80.8	84.8	88.6	92.0	95.1	98.0	101.1	104.0	106.5	108.6	110.3
62.5°	93.6	98.2	102.5	106.3	109.7	112.4	115.4	118.1	120.5	122.7	124.9
60°	106.7	111.9	115.6	118.9	121.8	124.5	125.5	126.5	127.3	128.0	128.9
57.5°	118.2	122.7	125.9	126.6	127.2	127.8	127.4	126.4	125.3	124.3	123.4
55°	126.2	127.5	128.9	127.8	126.0	124.4	122.9	121.9	121.0	120.1	119.4
52.5°	128.3	127.1	125.6	124.0	122.8	121.5	120.2	120.4	120.8	121.1	121.3
50°	125.2	123.8	123.0	122.1	122.2	122.8	123.4	124.6	126.0	127.1	128.0
47.5°	122.8	121.9	123.1	124.6	126.0	128.6	130.9	133.2	136.7	139.4	141.7
45°	122.2	124.4	126.8	130.5	133.8	139.5	144.9	149.4	157.7	165.3	171.3
42.5°	125.6	129.5	133.8	141.1	148.9	159.0	172.0	183.0	195.8	207.8	216.5
40°	131.3	137.0	146.7	158.5	176.8	193.2	214.7	233.1	250.3	268.6	282.3
37.5°	139.4	150.3	168.4	189.5	217.4	244.2	273.8	302.5	327.0	364.0	393.0
35°	151.7	173.6	199.2	234.4	270.9	312.0	355.2	411.0	460.1	517.7	571.9
32.5°	173.8	203.4	243.7	291.4	339.8	410.7	477.5	568.1	649.5	751.2	860.5
30°	199.7	244.0	298.1	360.3	448.0	545.5	655.4	794.4	959.5	1156.2	1420.1
27.5°	235.5	292.3	360.3	461.2	585.6	716.2	911.2	1144.8	1570.6	1941.6	2433.4
25°	274.0	343.4	450.9	586.5	750.2	985.5	1366.6	1852.7	2541.3	3199.7	3726.1
22.5°	318.4	419.7	555.5	724.2	989.2	1444.7	2036.3	2892.5	3660.4	4324.5	4835.9
20°	367.5	494.6	677.1	934.9	1386.1	2053.3	3003.1	3881.8	4666.1	5237.8	5689.6
17.5°	431.2	597.2	828.7	1184.5	1877.1	2905.1	3884.3	4752.8	5435.2	5937.5	6338.1
15°	490.6	691.6	991.6	1598.7	2543.9	3642.7	4646.5	5421.2	6011.7	6479.1	6839.3
12.5°	560.7	797.6	1182.1	1956.5	3157.2	4251.3	5187.6	5911.0	6479.6	6917.8	7400.5
10°	623.2	911.7	1455.0	2433.3	3660.8	4729.6	5638.8	6288.9	6859.1	7430.1	8153.9
7.5°	674.8	1007.5	1678.8	2835.7	4047.4	5083.4	5911.6	6561.3	7189.7	7952.2	8996.3
5°	715.7	1079.7	1863.0	3139.4	4328.5	5335.8	6120.0	6778.5	7488.4	8508.4	9909.5
2.5°	743.2	1127.0	1978.1	3322.9	4505.8	5480.7	6274.5	6920.6	7664.9	8819.8	10283.5
0°	754.1	1148.9	1948.9	3356.2	4516.5	5527.8	6297.5	6973.7	7715.1	8871.9	10352.2
-2.5°	743.2	1127.0	1978.1	3322.9	4505.8	5480.7	6274.5	6920.6	7664.9	8819.8	10283.5
-5°	715.7	1079.7	1863.0	3139.4	4328.5	5335.8	6120.0	6778.5	7488.4	8508.4	9909.5
-7.5°	674.8	1007.5	1678.8	2835.7	4047.4	5083.4	5911.6	6561.3	7189.7	7952.2	8996.3
-10°	623.2	911.7	1455.0	2433.3	3660.8	4729.6	5638.8	6288.9	6859.1	7430.1	8153.9
-12.5°	560.7	797.6	1182.1	1956.5	3157.2	4251.3	5187.6	5911.0	6479.6	6917.8	7400.5
-15°	490.6	691.6	991.6	1598.7	2543.9	3642.7	4646.5	5421.2	6011.7	6479.1	6839.3
-17.5°	431.2	597.2	828.7	1184.5	1877.1	2905.1	3884.3	4752.8	5435.2	5937.5	6338.1
-20°	367.5	494.6	677.1	934.9	1386.1	2053.3	3003.1	3881.8	4666.1	5237.8	5689.6



REPORT NUMBER: P558620 (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°	318.4	419.7	555.5	724.2	989.2	1444.7	2036.3	2892.5	3660.4	4324.5	4835.9
-25°	274.0	343.4	450.9	586.5	750.2	985.5	1366.6	1852.7	2541.3	3199.7	3726.1
-27.5°	235.5	292.3	360.3	461.2	585.6	716.2	911.2	1144.8	1570.6	1941.6	2433.4
-30°	199.7	244.0	298.1	360.3	448.0	545.5	655.4	794.4	959.5	1156.2	1420.1
-32.5°	173.8	203.4	243.7	291.4	339.8	410.7	477.5	568.1	649.5	751.2	860.5
-35°	151.7	173.6	199.2	234.4	270.9	312.0	355.2	411.0	460.1	517.7	571.9
-37.5°	139.4	150.3	168.4	189.5	217.4	244.2	273.8	302.5	327.0	364.0	393.0
-40°	131.3	137.0	146.7	158.5	176.8	193.2	214.7	233.1	250.3	268.6	282.3
-42.5°	125.6	129.5	133.8	141.1	148.9	159.0	172.0	183.0	195.8	207.8	216.5
-45°	122.2	124.4	126.8	130.5	133.8	139.5	144.9	149.4	157.7	165.3	171.3
-47.5°	122.8	121.9	123.1	124.6	126.0	128.6	130.9	133.2	136.7	139.4	141.7
-50°	125.2	123.8	123.0	122.1	122.2	122.8	123.4	124.6	126.0	127.1	128.0
-52.5°	128.3	127.1	125.6	124.0	122.8	121.5	120.2	120.4	120.8	121.1	121.3
-55°	126.2	127.5	128.9	127.8	126.0	124.4	122.9	121.9	121.0	120.1	119.4
-57.5°	118.2	122.7	125.9	126.6	127.2	127.8	127.4	126.4	125.3	124.3	123.4
-60°	106.7	111.9	115.6	118.9	121.8	124.5	125.5	126.5	127.3	128.0	128.9
-62.5°	93.6	98.2	102.5	106.3	109.7	112.4	115.4	118.1	120.5	122.7	124.9
-65°	80.8	84.8	88.6	92.0	95.1	98.0	101.1	104.0	106.5	108.6	110.3
-67.5°	69.4	72.6	75.4	78.2	81.0	83.6	86.0	88.3	90.5	92.1	93.1
-70°	58.3	61.0	63.3	65.4	67.5	69.6	71.6	73.4	75.0	76.2	77.3
-72.5°	47.5	49.7	51.6	53.5	55.1	56.8	58.5	60.0	61.3	62.3	63.1
-75°	37.5	39.1	40.7	42.1	43.5	44.8	46.2	47.4	48.5	49.2	49.8
-77.5°	28.2	29.4	30.6	31.7	32.6	33.6	34.4	35.2	35.9	36.5	36.9
-80°	20.1	21.0	21.8	22.5	23.2	23.7	24.2	24.5	24.8	25.4	26.0
-82.5°	12.9	13.6	14.2	14.8	15.3	15.7	16.1	16.4	16.7	16.9	17.1
-85°	7.1	7.4	7.8	8.1	8.4	8.7	8.9	9.1	9.2	9.4	9.5
-87.5°	2.9	2.9	2.9	2.8	2.7	2.8	2.8	2.9	2.9	3.1	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: P558620 (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°	3.4	3.6	3.6	3.6	3.6	3.6	3.4	3.2	3.1	2.9	2.9
85°	9.6	9.7	10.0	10.3	10.0	9.7	9.6	9.5	9.4	9.2	9.1
82.5°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.1	16.9	16.7	16.4
80°	26.6	27.0	26.9	26.6	26.9	27.0	26.6	26.0	25.4	24.8	24.5
77.5°	37.1	37.2	37.1	36.8	37.1	37.2	37.1	36.9	36.5	35.9	35.2
75°	50.2	50.4	50.6	50.7	50.6	50.4	50.2	49.8	49.2	48.5	47.4
72.5°	63.8	64.2	64.2	64.0	64.2	64.2	63.8	63.1	62.3	61.3	60.0
70°	78.1	78.6	79.0	79.1	79.0	78.6	78.1	77.3	76.2	75.0	73.4
67.5°	93.9	94.3	94.7	94.8	94.7	94.3	93.9	93.1	92.1	90.5	88.3
65°	111.6	112.7	113.0	112.9	113.0	112.7	111.6	110.3	108.6	106.5	104.0
62.5°	127.0	128.8	129.6	129.8	129.6	128.8	127.0	124.9	122.7	120.5	118.1
60°	129.6	130.2	130.4	130.4	130.4	130.2	129.6	128.9	128.0	127.3	126.5
57.5°	122.6	121.9	121.5	121.4	121.5	121.9	122.6	123.4	124.3	125.3	126.4
55°	118.7	118.1	117.8	117.7	117.8	118.1	118.7	119.4	120.1	121.0	121.9
52.5°	121.4	121.3	121.6	122.0	121.6	121.3	121.4	121.3	121.1	120.8	120.4
50°	128.8	129.3	129.9	130.4	129.9	129.3	128.8	128.0	127.1	126.0	124.6
47.5°	143.3	144.1	144.6	144.9	144.6	144.1	143.3	141.7	139.4	136.7	133.2
45°	175.3	177.4	178.4	178.7	178.4	177.4	175.3	171.3	165.3	157.7	149.4
42.5°	222.2	225.4	226.7	227.0	226.7	225.4	222.2	216.5	207.8	195.8	183.0
40°	292.2	297.8	300.6	302.5	300.6	297.8	292.2	282.3	268.6	250.3	233.1
37.5°	414.7	428.8	436.8	443.7	436.8	428.8	414.7	393.0	364.0	327.0	302.5
35°	615.9	648.2	667.3	671.4	667.3	648.2	615.9	571.9	517.7	460.1	411.0
32.5°	944.6	1007.9	1045.8	1050.5	1045.8	1007.9	944.6	860.5	751.2	649.5	568.1
30°	1625.0	1802.3	1923.9	1907.2	1923.9	1802.3	1625.0	1420.1	1156.2	959.5	794.4
27.5°	2836.2	3157.9	3366.9	3349.5	3366.9	3157.9	2836.2	2433.4	1941.6	1570.6	1144.8
25°	4130.8	4426.9	4601.7	4666.3	4601.7	4426.9	4130.8	3726.1	3199.7	2541.3	1852.7
22.5°	5188.0	5452.7	5603.9	5694.4	5603.9	5452.7	5188.0	4835.9	4324.5	3660.4	2892.5
20°	5998.0	6227.6	6357.6	6413.5	6357.6	6227.6	5998.0	5689.6	5237.8	4666.1	3881.8
17.5°	6621.1	6813.3	6960.6	6998.5	6960.6	6813.3	6621.1	6338.1	5937.5	5435.2	4752.8
15°	7172.4	7420.6	7594.2	7659.0	7594.2	7420.6	7172.4	6839.3	6479.1	6011.7	5421.2
12.5°	7867.4	8299.1	8528.6	8581.5	8528.6	8299.1	7867.4	7400.5	6917.8	6479.6	5911.0
10°	8894.7	9558.3	9633.4	9530.5	9633.4	9558.3	8894.7	8153.9	7430.1	6859.1	6288.9
7.5°	10390.9	11275.7	11084.4	10765.8	11084.4	11275.7	10390.9	8996.3	7952.2	7189.7	6561.3
5°	11461.7	12690.1	12728.2	12494.3	12728.2	12690.1	11461.7	9909.5	8508.4	7488.4	6778.5
2.5°	11887.9	13152.4	13781.8	13885.0	13781.8	13152.4	11887.9	10283.5	8819.8	7664.9	6920.6
0°	11919.8	13301.5	14047.7	14233.0	14047.7	13301.5	11919.8	10352.2	8871.9	7715.1	6973.7
-2.5°	11887.9	13152.4	13781.8	13885.0	13781.8	13152.4	11887.9	10283.5	8819.8	7664.9	6920.6
-5°	11461.7	12690.1	12728.2	12494.3	12728.2	12690.1	11461.7	9909.5	8508.4	7488.4	6778.5
-7.5°	10390.9	11275.7	11084.4	10765.8	11084.4	11275.7	10390.9	8996.3	7952.2	7189.7	6561.3
-10°	8894.7	9558.3	9633.4	9530.5	9633.4	9558.3	8894.7	8153.9	7430.1	6859.1	6288.9
-12.5°	7867.4	8299.1	8528.6	8581.5	8528.6	8299.1	7867.4	7400.5	6917.8	6479.6	5911.0
-15°	7172.4	7420.6	7594.2	7659.0	7594.2	7420.6	7172.4	6839.3	6479.1	6011.7	5421.2
-17.5°	6621.1	6813.3	6960.6	6998.5	6960.6	6813.3	6621.1	6338.1	5937.5	5435.2	4752.8
-20°	5998.0	6227.6	6357.6	6413.5	6357.6	6227.6	5998.0	5689.6	5237.8	4666.1	3881.8



REPORT NUMBER: P558620 (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°	5188.0	5452.7	5603.9	5694.4	5603.9	5452.7	5188.0	4835.9	4324.5	3660.4	2892.5
-25°	4130.8	4426.9	4601.7	4666.3	4601.7	4426.9	4130.8	3726.1	3199.7	2541.3	1852.7
-27.5°	2836.2	3157.9	3366.9	3349.5	3366.9	3157.9	2836.2	2433.4	1941.6	1570.6	1144.8
-30°	1625.0	1802.3	1923.9	1907.2	1923.9	1802.3	1625.0	1420.1	1156.2	959.5	794.4
-32.5°	944.6	1007.9	1045.8	1050.5	1045.8	1007.9	944.6	860.5	751.2	649.5	568.1
-35°	615.9	648.2	667.3	671.4	667.3	648.2	615.9	571.9	517.7	460.1	411.0
-37.5°	414.7	428.8	436.8	443.7	436.8	428.8	414.7	393.0	364.0	327.0	302.5
-40°	292.2	297.8	300.6	302.5	300.6	297.8	292.2	282.3	268.6	250.3	233.1
-42.5°	222.2	225.4	226.7	227.0	226.7	225.4	222.2	216.5	207.8	195.8	183.0
-45°	175.3	177.4	178.4	178.7	178.4	177.4	175.3	171.3	165.3	157.7	149.4
-47.5°	143.3	144.1	144.6	144.9	144.6	144.1	143.3	141.7	139.4	136.7	133.2
-50°	128.8	129.3	129.9	130.4	129.9	129.3	128.8	128.0	127.1	126.0	124.6
-52.5°	121.4	121.3	121.6	122.0	121.6	121.3	121.4	121.3	121.1	120.8	120.4
-55°	118.7	118.1	117.8	117.7	117.8	118.1	118.7	119.4	120.1	121.0	121.9
-57.5°	122.6	121.9	121.5	121.4	121.5	121.9	122.6	123.4	124.3	125.3	126.4
-60°	129.6	130.2	130.4	130.4	130.4	130.2	129.6	128.9	128.0	127.3	126.5
-62.5°	127.0	128.8	129.6	129.8	129.6	128.8	127.0	124.9	122.7	120.5	118.1
-65°	111.6	112.7	113.0	112.9	113.0	112.7	111.6	110.3	108.6	106.5	104.0
-67.5°	93.9	94.3	94.7	94.8	94.7	94.3	93.9	93.1	92.1	90.5	88.3
-70°	78.1	78.6	79.0	79.1	79.0	78.6	78.1	77.3	76.2	75.0	73.4
-72.5°	63.8	64.2	64.2	64.0	64.2	64.2	63.8	63.1	62.3	61.3	60.0
-75°	50.2	50.4	50.6	50.7	50.6	50.4	50.2	49.8	49.2	48.5	47.4
-77.5°	37.1	37.2	37.1	36.8	37.1	37.2	37.1	36.9	36.5	35.9	35.2
-80°	26.6	27.0	26.9	26.6	26.9	27.0	26.6	26.0	25.4	24.8	24.5
-82.5°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.1	16.9	16.7	16.4
-85°	9.6	9.7	10.0	10.3	10.0	9.7	9.6	9.5	9.4	9.2	9.1
-87.5°	3.4	3.6	3.6	3.6	3.6	3.6	3.4	3.2	3.1	2.9	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: P558620 (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°	2.8	2.8	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
85°	8.9	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5	6.2	5.9
82.5°	16.1	15.7	15.3	14.8	14.2	13.6	12.9	12.3	11.6	10.9	10.1
80°	24.2	23.7	23.2	22.5	21.8	21.0	20.1	19.2	18.1	17.0	16.0
77.5°	34.4	33.6	32.6	31.7	30.6	29.4	28.2	26.9	25.7	24.4	22.8
75°	46.2	44.8	43.5	42.1	40.7	39.1	37.5	35.8	34.1	32.3	30.2
72.5°	58.5	56.8	55.1	53.5	51.6	49.7	47.5	45.2	42.9	40.6	38.1
70°	71.6	69.6	67.5	65.4	63.3	61.0	58.3	55.2	51.9	48.9	46.0
67.5°	86.0	83.6	81.0	78.2	75.4	72.6	69.4	65.9	62.2	58.4	54.6
65°	101.1	98.0	95.1	92.0	88.6	84.8	80.8	76.8	72.7	68.4	63.8
62.5°	115.4	112.4	109.7	106.3	102.5	98.2	93.6	88.8	83.8	78.5	73.4
60°	125.5	124.5	121.8	118.9	115.6	111.9	106.7	101.3	95.5	89.6	83.4
57.5°	127.4	127.8	127.2	126.6	125.9	122.7	118.2	113.5	107.6	100.8	93.7
55°	122.9	124.4	126.0	127.8	128.9	127.5	126.2	123.3	117.9	112.2	104.6
52.5°	120.2	121.5	122.8	124.0	125.6	127.1	128.3	127.0	125.8	120.9	114.5
50°	123.4	122.8	122.2	122.1	123.0	123.8	125.2	126.9	127.6	126.2	122.7
47.5°	130.9	128.6	126.0	124.6	123.1	121.9	122.8	124.1	126.4	128.2	126.5
45°	144.9	139.5	133.8	130.5	126.8	124.4	122.2	122.5	124.1	126.3	128.6
42.5°	172.0	159.0	148.9	141.1	133.8	129.5	125.6	123.3	122.7	124.4	126.4
40°	214.7	193.2	176.8	158.5	146.7	137.0	131.3	126.4	123.9	123.2	124.3
37.5°	273.8	244.2	217.4	189.5	168.4	150.3	139.4	132.0	126.6	123.8	122.9
35°	355.2	312.0	270.9	234.4	199.2	173.6	151.7	139.7	131.6	125.9	122.6
32.5°	477.5	410.7	339.8	291.4	243.7	203.4	173.8	150.8	137.2	129.6	124.5
30°	655.4	545.5	448.0	360.3	298.1	244.0	199.7	168.3	146.3	133.5	126.7
27.5°	911.2	716.2	585.6	461.2	360.3	292.3	235.5	188.5	157.1	140.1	130.1
25°	1366.6	985.5	750.2	586.5	450.9	343.4	274.0	217.5	174.5	147.0	133.1
22.5°	2036.3	1444.7	989.2	724.2	555.5	419.7	318.4	247.7	190.9	157.2	138.6
20°	3003.1	2053.3	1386.1	934.9	677.1	494.6	367.5	281.7	216.4	170.9	144.0
17.5°	3884.3	2905.1	1877.1	1184.5	828.7	597.2	431.2	314.4	238.4	183.1	148.8
15°	4646.5	3642.7	2543.9	1598.7	991.6	691.6	490.6	343.7	259.1	197.7	157.8
12.5°	5187.6	4251.3	3157.2	1956.5	1182.1	797.6	560.7	390.8	281.6	212.0	166.1
10°	5638.8	4729.6	3660.8	2433.3	1455.0	911.7	623.2	430.3	300.7	223.1	172.6
7.5°	5911.6	5083.4	4047.4	2835.7	1678.8	1007.5	674.8	459.9	316.1	231.0	177.3
5°	6120.0	5335.8	4328.5	3139.4	1863.0	1079.7	715.7	479.7	327.2	235.8	180.4
2.5°	6274.5	5480.7	4505.8	3322.9	1978.1	1127.0	743.2	493.8	332.8	240.1	183.0
0°	6297.5	5527.8	4516.5	3356.2	1948.9	1148.9	754.1	502.3	332.7	242.1	184.1
-2.5°	6274.5	5480.7	4505.8	3322.9	1978.1	1127.0	743.2	493.8	332.8	240.1	183.0
-5°	6120.0	5335.8	4328.5	3139.4	1863.0	1079.7	715.7	479.7	327.2	235.8	180.4
-7.5°	5911.6	5083.4	4047.4	2835.7	1678.8	1007.5	674.8	459.9	316.1	231.0	177.3
-10°	5638.8	4729.6	3660.8	2433.3	1455.0	911.7	623.2	430.3	300.7	223.1	172.6
-12.5°	5187.6	4251.3	3157.2	1956.5	1182.1	797.6	560.7	390.8	281.6	212.0	166.1
-15°	4646.5	3642.7	2543.9	1598.7	991.6	691.6	490.6	343.7	259.1	197.7	157.8
-17.5°	3884.3	2905.1	1877.1	1184.5	828.7	597.2	431.2	314.4	238.4	183.1	148.8
-20°	3003.1	2053.3	1386.1	934.9	677.1	494.6	367.5	281.7	216.4	170.9	144.0



REPORT NUMBER: P558620 (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°	2036.3	1444.7	989.2	724.2	555.5	419.7	318.4	247.7	190.9	157.2	138.6
-25°	1366.6	985.5	750.2	586.5	450.9	343.4	274.0	217.5	174.5	147.0	133.1
-27.5°	911.2	716.2	585.6	461.2	360.3	292.3	235.5	188.5	157.1	140.1	130.1
-30°	655.4	545.5	448.0	360.3	298.1	244.0	199.7	168.3	146.3	133.5	126.7
-32.5°	477.5	410.7	339.8	291.4	243.7	203.4	173.8	150.8	137.2	129.6	124.5
-35°	355.2	312.0	270.9	234.4	199.2	173.6	151.7	139.7	131.6	125.9	122.6
-37.5°	273.8	244.2	217.4	189.5	168.4	150.3	139.4	132.0	126.6	123.8	122.9
-40°	214.7	193.2	176.8	158.5	146.7	137.0	131.3	126.4	123.9	123.2	124.3
-42.5°	172.0	159.0	148.9	141.1	133.8	129.5	125.6	123.3	122.7	124.4	126.4
-45°	144.9	139.5	133.8	130.5	126.8	124.4	122.2	122.5	124.1	126.3	128.6
-47.5°	130.9	128.6	126.0	124.6	123.1	121.9	122.8	124.1	126.4	128.2	126.5
-50°	123.4	122.8	122.2	122.1	123.0	123.8	125.2	126.9	127.6	126.2	122.7
-52.5°	120.2	121.5	122.8	124.0	125.6	127.1	128.3	127.0	125.8	120.9	114.5
-55°	122.9	124.4	126.0	127.8	128.9	127.5	126.2	123.3	117.9	112.2	104.6
-57.5°	127.4	127.8	127.2	126.6	125.9	122.7	118.2	113.5	107.6	100.8	93.7
-60°	125.5	124.5	121.8	118.9	115.6	111.9	106.7	101.3	95.5	89.6	83.4
-62.5°	115.4	112.4	109.7	106.3	102.5	98.2	93.6	88.8	83.8	78.5	73.4
-65°	101.1	98.0	95.1	92.0	88.6	84.8	80.8	76.8	72.7	68.4	63.8
-67.5°	86.0	83.6	81.0	78.2	75.4	72.6	69.4	65.9	62.2	58.4	54.6
-70°	71.6	69.6	67.5	65.4	63.3	61.0	58.3	55.2	51.9	48.9	46.0
-72.5°	58.5	56.8	55.1	53.5	51.6	49.7	47.5	45.2	42.9	40.6	38.1
-75°	46.2	44.8	43.5	42.1	40.7	39.1	37.5	35.8	34.1	32.3	30.2
-77.5°	34.4	33.6	32.6	31.7	30.6	29.4	28.2	26.9	25.7	24.4	22.8
-80°	24.2	23.7	23.2	22.5	21.8	21.0	20.1	19.2	18.1	17.0	16.0
-82.5°	16.1	15.7	15.3	14.8	14.2	13.6	12.9	12.3	11.6	10.9	10.1
-85°	8.9	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.5	6.2	5.9
-87.5°	2.8	2.8	2.7	2.8	2.9	2.9	2.9	2.9	2.8	2.7	2.5
-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):

	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°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
85°	5.6	5.3	4.9	4.5	4.0	3.6	3.3	3.0	2.8	2.5	2.2
82.5°	9.5	9.0	8.5	8.0	7.3	6.6	5.9	5.2	4.5	3.8	3.2
80°	15.0	14.0	13.0	11.9	10.8	9.7	8.7	7.8	6.9	5.9	4.9
77.5°	21.2	19.5	17.8	16.3	14.8	13.3	11.9	10.4	9.3	8.1	6.8
75°	27.9	25.8	23.6	21.4	19.2	17.0	15.1	13.4	11.8	10.3	8.8
72.5°	35.4	32.6	29.8	26.8	24.1	21.4	18.8	16.3	14.4	12.5	10.7
70°	43.0	39.7	36.4	33.0	29.4	25.8	22.8	19.9	17.0	14.8	12.6
67.5°	50.6	47.1	43.3	39.2	35.2	31.1	26.9	23.5	20.3	17.0	14.5
65°	59.3	54.8	50.2	45.8	41.1	36.3	31.7	27.3	23.5	19.9	16.4
62.5°	68.2	62.8	57.7	52.4	47.2	41.9	36.5	31.7	26.8	22.7	18.7
60°	77.2	71.3	65.1	59.2	53.4	47.6	41.7	36.0	30.7	25.4	21.1
57.5°	86.8	79.8	73.0	66.1	59.5	53.1	46.8	40.5	34.5	28.7	23.5
55°	96.5	88.7	80.9	73.3	65.7	58.6	51.7	44.9	38.3	32.0	25.8
52.5°	106.8	97.7	88.9	80.5	72.3	64.1	56.7	49.1	42.0	35.2	28.5
50°	115.6	106.9	97.0	87.7	78.7	70.0	61.6	53.5	45.6	38.3	31.2
47.5°	122.9	114.7	105.2	94.8	85.1	75.8	66.7	57.9	49.1	41.4	33.8
45°	126.0	121.4	112.5	102.0	91.4	81.6	71.8	62.2	52.9	44.3	36.3
42.5°	127.8	124.9	118.6	108.9	97.9	87.2	76.7	66.6	56.7	47.1	38.7
40°	126.1	126.6	123.4	114.6	104.3	92.5	81.6	70.9	60.3	49.9	41.0
37.5°	124.1	126.2	124.9	120.2	110.2	98.2	86.3	74.9	63.8	53.0	43.3
35°	122.8	124.4	126.6	123.4	115.0	103.6	90.7	78.8	67.2	55.9	45.4
32.5°	121.7	122.9	125.4	124.9	119.6	108.8	95.2	82.6	70.4	58.5	47.4
30°	122.7	122.0	123.9	126.1	122.9	112.8	99.6	86.1	73.4	61.0	49.4
27.5°	124.1	121.1	122.7	125.5	124.0	116.4	103.6	89.3	76.1	63.4	51.4
25°	125.8	121.7	121.9	124.4	125.0	119.6	107.2	92.3	78.8	65.7	53.3
22.5°	128.3	122.7	121.0	123.3	125.9	122.6	110.2	95.3	81.2	67.7	55.0
20°	130.6	123.5	120.2	122.3	125.7	123.4	112.7	98.0	83.4	69.6	56.5
17.5°	133.0	124.7	120.7	121.6	124.8	124.0	114.9	100.3	85.3	71.2	57.8
15°	137.0	126.4	121.3	121.0	124.0	124.6	116.9	102.4	87.0	72.6	58.9
12.5°	140.3	127.8	121.7	120.5	123.3	125.1	118.6	104.1	88.4	73.8	59.9
10°	143.0	129.0	122.0	120.1	122.6	125.5	120.0	105.6	89.7	74.7	60.7
7.5°	145.1	129.8	122.2	119.8	122.0	125.8	121.3	107.1	90.8	75.4	61.4
5°	146.6	130.7	122.7	119.6	121.7	126.0	122.3	108.4	91.6	75.9	61.8
2.5°	147.9	131.9	123.3	119.5	121.5	126.2	122.9	109.3	92.1	76.1	62.1
0°	148.5	132.8	123.8	119.5	121.4	126.2	123.2	109.9	92.4	76.1	62.2
-2.5°	147.9	131.9	123.3	119.5	121.5	126.2	122.9	109.3	92.1	76.1	62.1
-5°	146.6	130.7	122.7	119.6	121.7	126.0	122.3	108.4	91.6	75.9	61.8
-7.5°	145.1	129.8	122.2	119.8	122.0	125.8	121.3	107.1	90.8	75.4	61.4
-10°	143.0	129.0	122.0	120.1	122.6	125.5	120.0	105.6	89.7	74.7	60.7
-12.5°	140.3	127.8	121.7	120.5	123.3	125.1	118.6	104.1	88.4	73.8	59.9
-15°	137.0	126.4	121.3	121.0	124.0	124.6	116.9	102.4	87.0	72.6	58.9
-17.5°	133.0	124.7	120.7	121.6	124.8	124.0	114.9	100.3	85.3	71.2	57.8
-20°	130.6	123.5	120.2	122.3	125.7	123.4	112.7	98.0	83.4	69.6	56.5



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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°	128.3	122.7	121.0	123.3	125.9	122.6	110.2	95.3	81.2	67.7	55.0
-25°	125.8	121.7	121.9	124.4	125.0	119.6	107.2	92.3	78.8	65.7	53.3
-27.5°	124.1	121.1	122.7	125.5	124.0	116.4	103.6	89.3	76.1	63.4	51.4
-30°	122.7	122.0	123.9	126.1	122.9	112.8	99.6	86.1	73.4	61.0	49.4
-32.5°	121.7	122.9	125.4	124.9	119.6	108.8	95.2	82.6	70.4	58.5	47.4
-35°	122.8	124.4	126.6	123.4	115.0	103.6	90.7	78.8	67.2	55.9	45.4
-37.5°	124.1	126.2	124.9	120.2	110.2	98.2	86.3	74.9	63.8	53.0	43.3
-40°	126.1	126.6	123.4	114.6	104.3	92.5	81.6	70.9	60.3	49.9	41.0
-42.5°	127.8	124.9	118.6	108.9	97.9	87.2	76.7	66.6	56.7	47.1	38.7
-45°	126.0	121.4	112.5	102.0	91.4	81.6	71.8	62.2	52.9	44.3	36.3
-47.5°	122.9	114.7	105.2	94.8	85.1	75.8	66.7	57.9	49.1	41.4	33.8
-50°	115.6	106.9	97.0	87.7	78.7	70.0	61.6	53.5	45.6	38.3	31.2
-52.5°	106.8	97.7	88.9	80.5	72.3	64.1	56.7	49.1	42.0	35.2	28.5
-55°	96.5	88.7	80.9	73.3	65.7	58.6	51.7	44.9	38.3	32.0	25.8
-57.5°	86.8	79.8	73.0	66.1	59.5	53.1	46.8	40.5	34.5	28.7	23.5
-60°	77.2	71.3	65.1	59.2	53.4	47.6	41.7	36.0	30.7	25.4	21.1
-62.5°	68.2	62.8	57.7	52.4	47.2	41.9	36.5	31.7	26.8	22.7	18.7
-65°	59.3	54.8	50.2	45.8	41.1	36.3	31.7	27.3	23.5	19.9	16.4
-67.5°	50.6	47.1	43.3	39.2	35.2	31.1	26.9	23.5	20.3	17.0	14.5
-70°	43.0	39.7	36.4	33.0	29.4	25.8	22.8	19.9	17.0	14.8	12.6
-72.5°	35.4	32.6	29.8	26.8	24.1	21.4	18.8	16.3	14.4	12.5	10.7
-75°	27.9	25.8	23.6	21.4	19.2	17.0	15.1	13.4	11.8	10.3	8.8
-77.5°	21.2	19.5	17.8	16.3	14.8	13.3	11.9	10.4	9.3	8.1	6.8
-80°	15.0	14.0	13.0	11.9	10.8	9.7	8.7	7.8	6.9	5.9	4.9
-82.5°	9.5	9.0	8.5	8.0	7.3	6.6	5.9	5.2	4.5	3.8	3.2
-85°	5.6	5.3	4.9	4.5	4.0	3.6	3.3	3.0	2.8	2.5	2.2
-87.5°	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
80°	3.8	3.1	2.5	1.9	1.2	0.6	0.0
77.5°	5.5	4.1	3.1	2.3	1.6	0.8	0.0
75°	7.2	5.5	3.8	2.8	1.9	0.9	0.0
72.5°	8.8	6.8	4.9	3.2	2.2	1.1	0.0
70°	10.5	8.1	5.9	3.7	2.5	1.2	0.0
67.5°	12.1	9.4	6.9	4.5	2.8	1.4	0.0
65°	13.7	10.8	7.9	5.2	3.0	1.5	0.0
62.5°	15.3	12.1	8.9	6.0	3.3	1.7	0.0
60°	16.8	13.5	9.9	6.7	3.6	1.8	0.0
57.5°	18.8	14.8	11.0	7.4	4.1	1.9	0.0
55°	20.8	16.1	12.0	8.0	4.5	2.1	0.0
52.5°	22.8	17.5	13.1	8.7	4.9	2.2	0.0
50°	24.7	19.0	14.1	9.3	5.4	2.3	0.0
47.5°	26.5	20.5	15.1	9.9	5.8	2.4	0.0
45°	28.6	22.0	16.0	10.6	6.2	2.5	0.0
42.5°	30.6	23.4	17.0	11.3	6.6	2.7	0.0
40°	32.5	24.8	17.9	12.0	7.0	2.8	0.0
37.5°	34.3	26.0	19.0	12.7	7.3	2.9	0.0
35°	35.9	27.4	19.9	13.3	7.7	2.9	0.0
32.5°	37.5	28.7	20.8	13.8	8.0	3.0	0.0
30°	39.1	29.9	21.7	14.3	8.3	3.1	0.0
27.5°	40.6	31.0	22.4	14.8	8.6	3.2	0.0
25°	42.0	32.0	23.1	15.2	8.8	3.3	0.0
22.5°	43.3	32.8	23.7	15.6	9.1	3.3	0.0
20°	44.4	33.6	24.2	15.9	9.3	3.4	0.0
17.5°	45.5	34.3	24.7	16.2	9.5	3.4	0.0
15°	46.3	34.8	25.1	16.4	9.7	3.5	0.0
12.5°	47.1	35.3	25.4	16.6	9.9	3.5	0.0
10°	47.7	35.7	25.7	16.7	10.0	3.5	0.0
7.5°	48.2	36.0	25.8	16.8	10.1	3.6	0.0
5°	48.6	36.1	26.0	16.9	10.2	3.6	0.0
2.5°	48.8	36.2	26.0	16.9	10.3	3.6	0.0
0°	48.9	36.2	26.0	16.9	10.3	3.6	0.0
-2.5°	48.8	36.2	26.0	16.9	10.3	3.6	0.0
-5°	48.6	36.1	26.0	16.9	10.2	3.6	0.0
-7.5°	48.2	36.0	25.8	16.8	10.1	3.6	0.0
-10°	47.7	35.7	25.7	16.7	10.0	3.5	0.0
-12.5°	47.1	35.3	25.4	16.6	9.9	3.5	0.0
-15°	46.3	34.8	25.1	16.4	9.7	3.5	0.0
-17.5°	45.5	34.3	24.7	16.2	9.5	3.4	0.0
-20°	44.4	33.6	24.2	15.9	9.3	3.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	43.3	32.8	23.7	15.6	9.1	3.3	0.0
-25°	42.0	32.0	23.1	15.2	8.8	3.3	0.0
-27.5°	40.6	31.0	22.4	14.8	8.6	3.2	0.0
-30°	39.1	29.9	21.7	14.3	8.3	3.1	0.0
-32.5°	37.5	28.7	20.8	13.8	8.0	3.0	0.0
-35°	35.9	27.4	19.9	13.3	7.7	2.9	0.0
-37.5°	34.3	26.0	19.0	12.7	7.3	2.9	0.0
-40°	32.5	24.8	17.9	12.0	7.0	2.8	0.0
-42.5°	30.6	23.4	17.0	11.3	6.6	2.7	0.0
-45°	28.6	22.0	16.0	10.6	6.2	2.5	0.0
-47.5°	26.5	20.5	15.1	9.9	5.8	2.4	0.0
-50°	24.7	19.0	14.1	9.3	5.4	2.3	0.0
-52.5°	22.8	17.5	13.1	8.7	4.9	2.2	0.0
-55°	20.8	16.1	12.0	8.0	4.5	2.1	0.0
-57.5°	18.8	14.8	11.0	7.4	4.1	1.9	0.0
-60°	16.8	13.5	9.9	6.7	3.6	1.8	0.0
-62.5°	15.3	12.1	8.9	6.0	3.3	1.7	0.0
-65°	13.7	10.8	7.9	5.2	3.0	1.5	0.0
-67.5°	12.1	9.4	6.9	4.5	2.8	1.4	0.0
-70°	10.5	8.1	5.9	3.7	2.5	1.2	0.0
-72.5°	8.8	6.8	4.9	3.2	2.2	1.1	0.0
-75°	7.2	5.5	3.8	2.8	1.9	0.9	0.0
-77.5°	5.5	4.1	3.1	2.3	1.6	0.8	0.0
-80°	3.8	3.1	2.5	1.9	1.2	0.6	0.0
-82.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-85°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)