

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: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-935-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558668 (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-SA2C-935-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

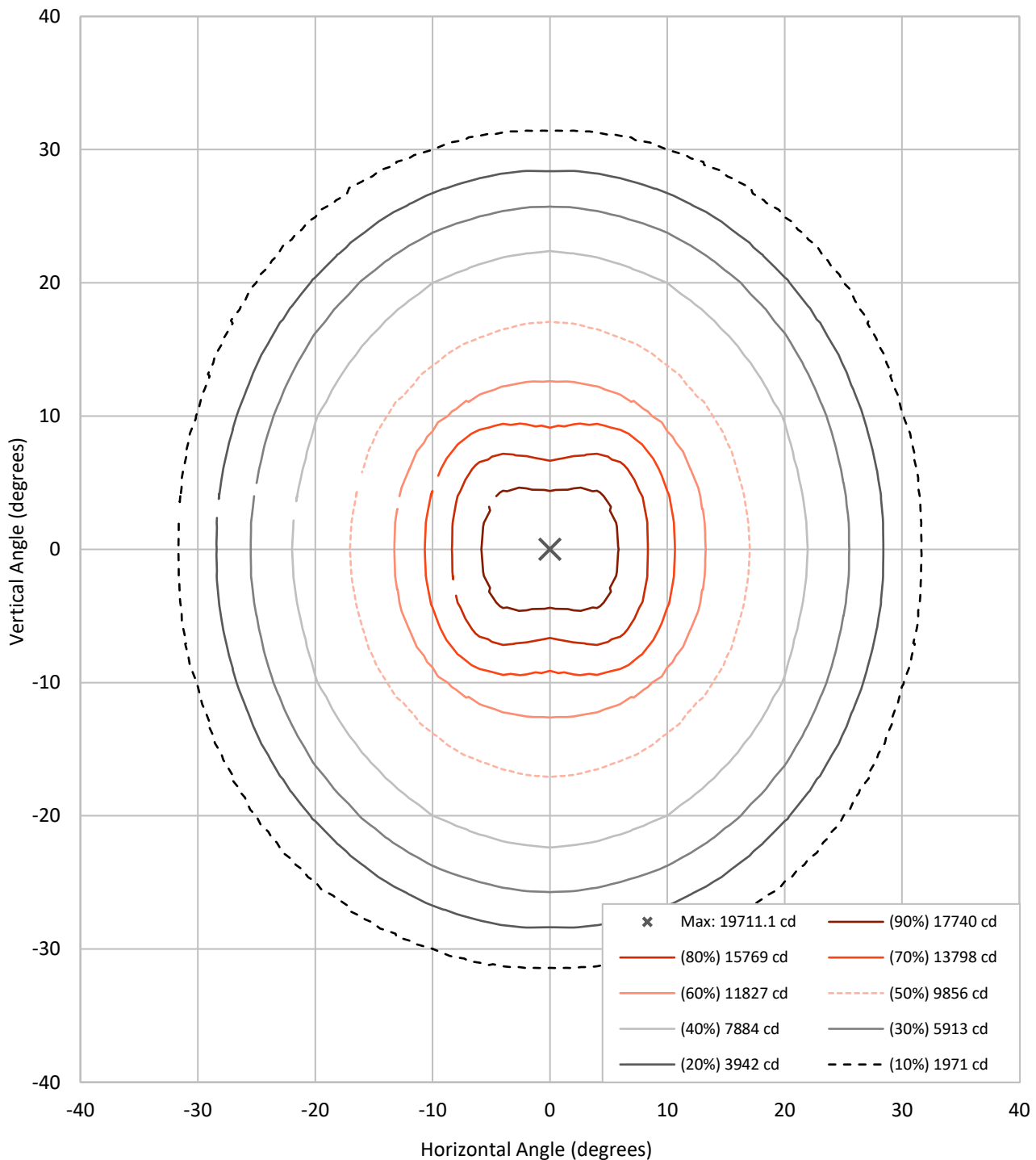
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	8719.6 lumens	Max Intensity:	19711.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	3714 lumens	Field Lumens:	7590.7 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 83
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: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





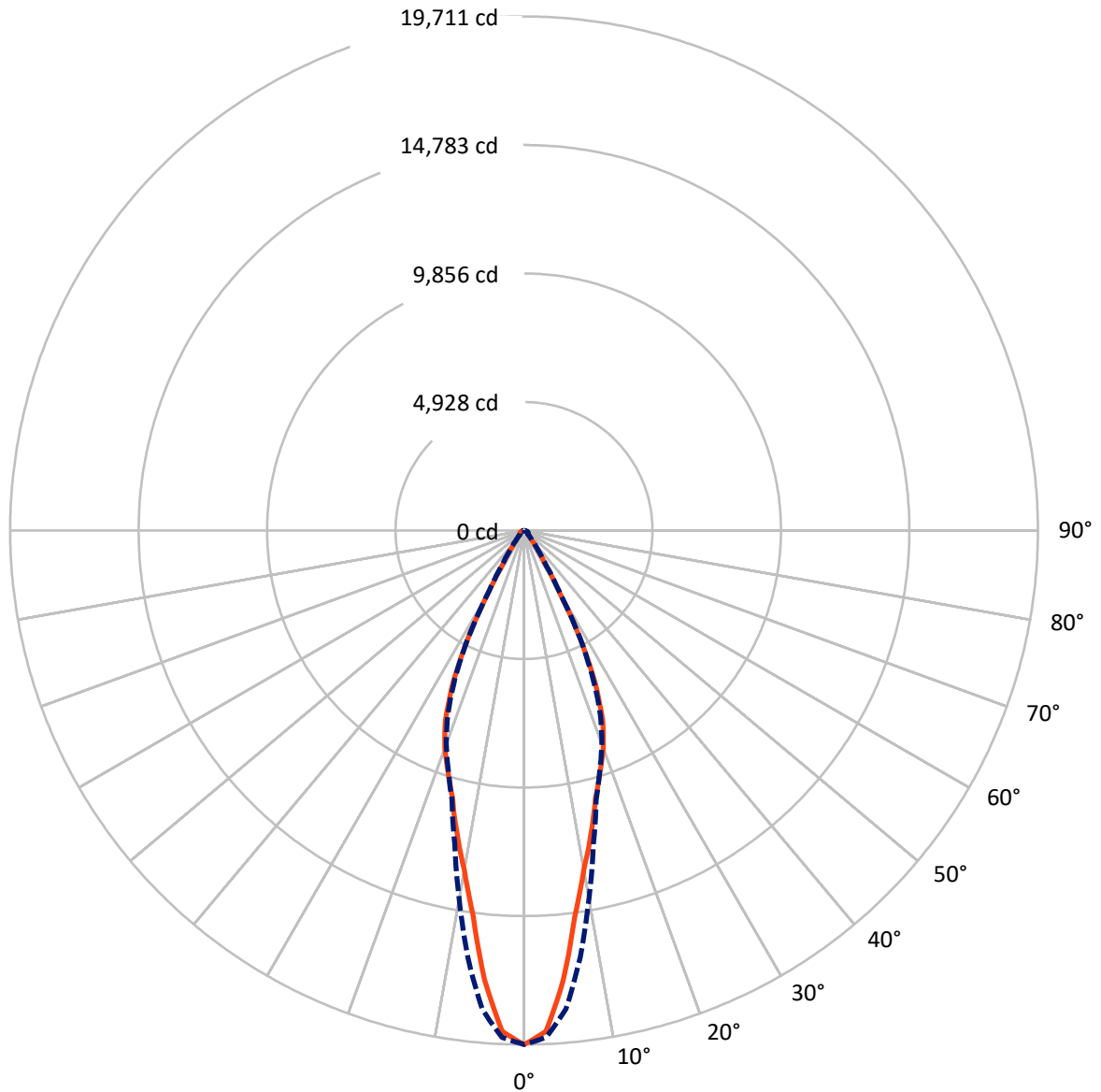
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Lumen Table

90	0.1	1.0	2.7	4.5	5.2	4.5	2.7	1.0	0.1							
80	0.1	1.0	2.7	4.5	5.2	4.5	2.7	1.0	0.1							
70	0.4	0.5	1.1	1.9	2.8	3.6	4.3	4.6	4.6	4.3	3.6	2.8	1.9	1.1	0.5	0.4
60		0.8	1.8	3.1	4.2	4.8	5.0	5.2	5.2	5.0	4.8	4.2	3.1	1.8	0.8	
50	0.8	1.1	2.5	3.7	4.3	5.4	6.9	7.9	7.9	6.9	5.4	4.3	3.7	2.5	1.1	0.8
40		1.4	2.9	3.7	5.6	11.1	21.1	32.3	32.3	21.1	11.1	5.6	3.7	2.9	1.4	
30	1.1	1.7	3.0	4.2	10.2	33.9	106.7	175.7	175.7	106.7	33.9	10.2	4.2	3.0	1.7	1.1
20		1.8	3.0	5.2	19.1	100.6	237.7	314.8	314.8	237.7	100.6	19.1	5.2	3.0	1.8	
10	1.2	1.9	3.0	5.9	29.0	158.4	309.1	487.7	487.7	309.1	158.4	29.0	5.9	3.0	1.9	1.2
0		1.9	3.0	5.9	29.0	158.4	309.1	487.7	487.7	309.1	158.4	29.0	5.9	3.0	1.9	
-10	1.1	1.8	3.0	5.2	19.1	100.6	237.7	314.8	314.8	237.7	100.6	19.1	5.2	3.0	1.8	1.1
-20		1.7	3.0	4.2	10.2	33.9	106.7	175.7	175.7	106.7	33.9	10.2	4.2	3.0	1.7	
-30	0.8	1.4	2.9	3.7	5.6	11.1	21.1	32.3	32.3	21.1	11.1	5.6	3.7	2.9	1.4	0.8
-40		1.1	2.5	3.7	4.3	5.4	6.9	7.9	7.9	6.9	5.4	4.3	3.7	2.5	1.1	
-50	0.4	0.8	1.8	3.1	4.2	4.8	5.0	5.2	5.2	5.0	4.8	4.2	3.1	1.8	0.8	0.4
-60		0.5	1.1	1.9	2.8	3.6	4.3	4.6	4.6	4.3	3.6	2.8	1.9	1.1	0.5	
-70	0.1	1.0	2.7	4.5	5.2	4.5	2.7	1.0	0.1							
-80		0.1	1.0	2.7	4.5	5.2	4.5	2.7	1.0	0.1						
-90	0.1	1.0	2.7	4.5	5.2	4.5	2.7	1.0	0.1							

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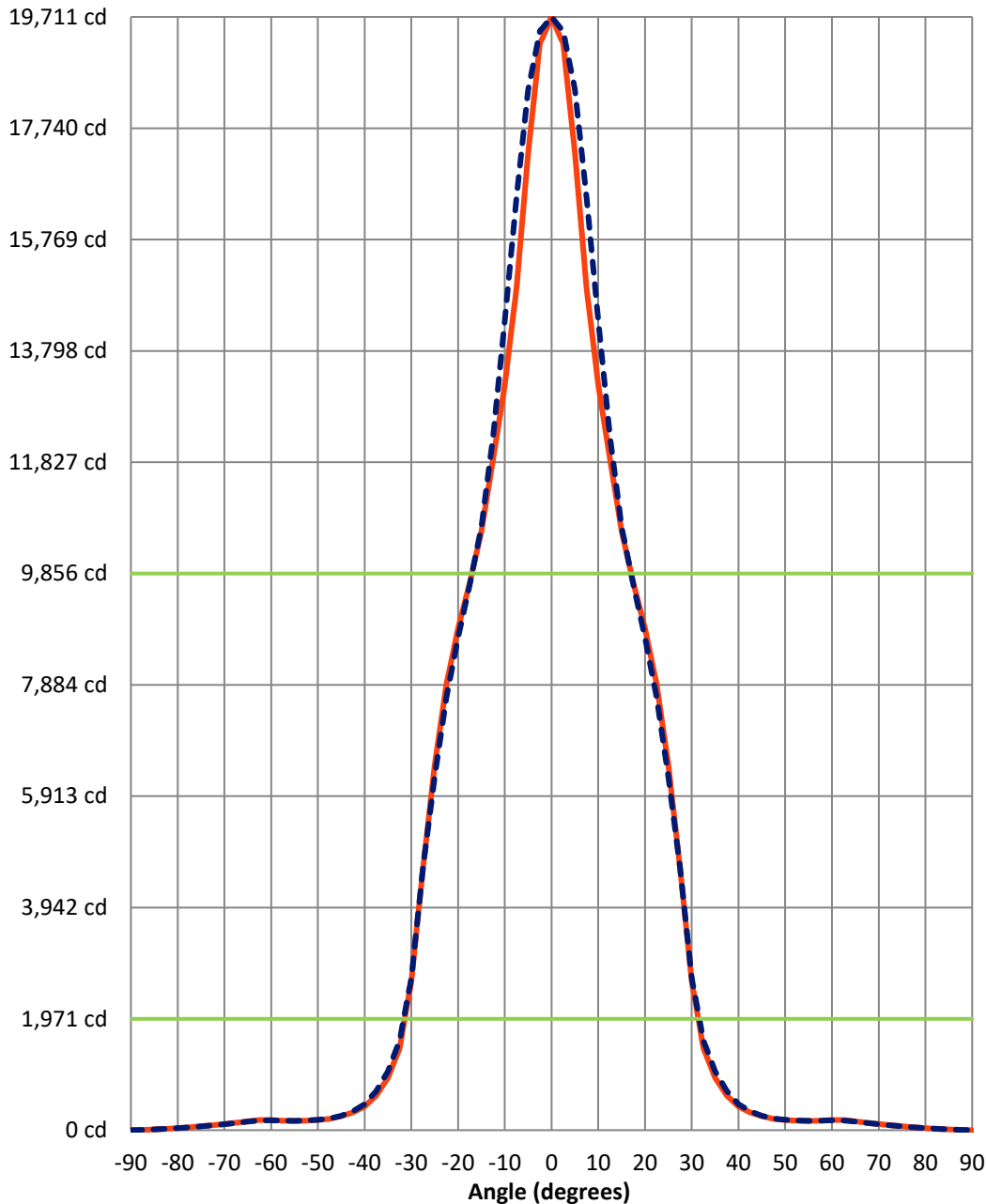
Luminous Intensity Polar Plot



— 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: 3714
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 7590.7
Efficiency: 87.1%

Spill:
Lumens: 1128.9
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	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.3	7.2
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.2	9.5	10.8
77.5°	0.0	1.1	2.2	3.2	4.3	5.7	7.6	9.4	11.2	12.8	14.4
75°	0.0	1.3	2.6	3.9	5.3	7.6	9.9	12.1	14.2	16.3	18.5
72.5°	0.0	1.5	3.0	4.5	6.7	9.4	12.2	14.8	17.3	19.9	22.6
70°	0.0	1.7	3.4	5.2	8.2	11.2	14.4	17.4	20.4	23.5	27.5
67.5°	0.0	1.9	3.8	6.2	9.6	13.0	16.7	20.1	23.5	28.0	32.5
65°	0.0	2.1	4.2	7.3	11.0	14.9	18.9	22.7	27.5	32.5	37.8
62.5°	0.0	2.3	4.6	8.3	12.3	16.8	21.1	25.8	31.4	37.1	43.9
60°	0.0	2.5	5.0	9.2	13.6	18.7	23.3	29.2	35.2	42.5	49.9
57.5°	0.0	2.7	5.6	10.2	15.1	20.5	26.1	32.5	39.7	47.8	56.0
55°	0.0	2.9	6.2	11.1	16.6	22.3	28.8	35.7	44.3	53.0	62.1
52.5°	0.0	3.0	6.9	12.0	18.0	24.2	31.5	39.5	48.7	58.2	68.0
50°	0.0	3.2	7.4	12.8	19.5	26.3	34.1	43.2	53.1	63.2	74.1
47.5°	0.0	3.4	8.0	13.7	20.8	28.4	36.7	46.8	57.3	67.9	80.2
45°	0.0	3.5	8.6	14.7	22.2	30.5	39.6	50.2	61.3	73.3	86.2
42.5°	0.0	3.7	9.1	15.7	23.4	32.4	42.4	53.6	65.2	78.5	92.2
40°	0.0	3.8	9.6	16.6	24.8	34.3	45.0	56.8	69.1	83.5	98.1
37.5°	0.0	4.0	10.1	17.5	26.2	36.0	47.5	59.9	73.4	88.3	103.7
35°	0.0	4.1	10.6	18.3	27.6	37.9	49.8	62.9	77.4	93.0	109.1
32.5°	0.0	4.2	11.0	19.1	28.8	39.7	52.0	65.7	81.1	97.4	114.3
30°	0.0	4.3	11.4	19.8	30.0	41.3	54.2	68.4	84.5	101.6	119.1
27.5°	0.0	4.4	11.8	20.4	31.0	42.9	56.3	71.2	87.8	105.4	123.6
25°	0.0	4.5	12.2	21.0	31.9	44.3	58.2	73.8	90.9	109.0	127.8
22.5°	0.0	4.6	12.5	21.5	32.7	45.5	59.9	76.1	93.8	112.4	131.9
20°	0.0	4.7	12.8	22.0	33.5	46.5	61.5	78.2	96.3	115.4	135.7
17.5°	0.0	4.8	13.1	22.4	34.1	47.5	62.9	80.0	98.6	118.1	138.9
15°	0.0	4.8	13.4	22.7	34.7	48.3	64.2	81.6	100.5	120.4	141.7
12.5°	0.0	4.9	13.6	23.0	35.1	48.9	65.2	83.0	102.2	122.4	144.1
10°	0.0	4.9	13.8	23.2	35.5	49.5	66.1	84.1	103.4	124.2	146.2
7.5°	0.0	5.0	13.9	23.3	35.8	49.8	66.8	85.0	104.4	125.7	148.3
5°	0.0	5.0	14.1	23.4	35.9	50.1	67.3	85.6	105.0	126.8	150.1
2.5°	0.0	5.0	14.1	23.4	36.0	50.2	67.6	86.0	105.3	127.5	151.4
0°	0.0	5.0	14.2	23.4	36.0	50.2	67.7	86.1	105.3	127.9	152.2
-2.5°	0.0	5.0	14.1	23.4	36.0	50.2	67.6	86.0	105.3	127.5	151.4
-5°	0.0	5.0	14.1	23.4	35.9	50.1	67.3	85.6	105.0	126.8	150.1
-7.5°	0.0	5.0	13.9	23.3	35.8	49.8	66.8	85.0	104.4	125.7	148.3
-10°	0.0	4.9	13.8	23.2	35.5	49.5	66.1	84.1	103.4	124.2	146.2
-12.5°	0.0	4.9	13.6	23.0	35.1	48.9	65.2	83.0	102.2	122.4	144.1
-15°	0.0	4.8	13.4	22.7	34.7	48.3	64.2	81.6	100.5	120.4	141.7
-17.5°	0.0	4.8	13.1	22.4	34.1	47.5	62.9	80.0	98.6	118.1	138.9
-20°	0.0	4.7	12.8	22.0	33.5	46.5	61.5	78.2	96.3	115.4	135.7



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	12.5	21.5	32.7	45.5	59.9	76.1	93.8	112.4	131.9
-25°	0.0	4.5	12.2	21.0	31.9	44.3	58.2	73.8	90.9	109.0	127.8
-27.5°	0.0	4.4	11.8	20.4	31.0	42.9	56.3	71.2	87.8	105.4	123.6
-30°	0.0	4.3	11.4	19.8	30.0	41.3	54.2	68.4	84.5	101.6	119.1
-32.5°	0.0	4.2	11.0	19.1	28.8	39.7	52.0	65.7	81.1	97.4	114.3
-35°	0.0	4.1	10.6	18.3	27.6	37.9	49.8	62.9	77.4	93.0	109.1
-37.5°	0.0	4.0	10.1	17.5	26.2	36.0	47.5	59.9	73.4	88.3	103.7
-40°	0.0	3.8	9.6	16.6	24.8	34.3	45.0	56.8	69.1	83.5	98.1
-42.5°	0.0	3.7	9.1	15.7	23.4	32.4	42.4	53.6	65.2	78.5	92.2
-45°	0.0	3.5	8.6	14.7	22.2	30.5	39.6	50.2	61.3	73.3	86.2
-47.5°	0.0	3.4	8.0	13.7	20.8	28.4	36.7	46.8	57.3	67.9	80.2
-50°	0.0	3.2	7.4	12.8	19.5	26.3	34.1	43.2	53.1	63.2	74.1
-52.5°	0.0	3.0	6.9	12.0	18.0	24.2	31.5	39.5	48.7	58.2	68.0
-55°	0.0	2.9	6.2	11.1	16.6	22.3	28.8	35.7	44.3	53.0	62.1
-57.5°	0.0	2.7	5.6	10.2	15.1	20.5	26.1	32.5	39.7	47.8	56.0
-60°	0.0	2.5	5.0	9.2	13.6	18.7	23.3	29.2	35.2	42.5	49.9
-62.5°	0.0	2.3	4.6	8.3	12.3	16.8	21.1	25.8	31.4	37.1	43.9
-65°	0.0	2.1	4.2	7.3	11.0	14.9	18.9	22.7	27.5	32.5	37.8
-67.5°	0.0	1.9	3.8	6.2	9.6	13.0	16.7	20.1	23.5	28.0	32.5
-70°	0.0	1.7	3.4	5.2	8.2	11.2	14.4	17.4	20.4	23.5	27.5
-72.5°	0.0	1.5	3.0	4.5	6.7	9.4	12.2	14.8	17.3	19.9	22.6
-75°	0.0	1.3	2.6	3.9	5.3	7.6	9.9	12.1	14.2	16.3	18.5
-77.5°	0.0	1.1	2.2	3.2	4.3	5.7	7.6	9.4	11.2	12.8	14.4
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.3	6.8	8.2	9.5	10.8
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.2	6.3	7.2
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	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



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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°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
85°	4.6	5.0	5.6	6.2	6.8	7.3	7.7	8.1	8.6	9.0	9.4
82.5°	8.2	9.2	10.1	11.0	11.7	12.4	13.0	13.9	14.9	16.0	16.9
80°	12.1	13.3	14.9	16.5	17.9	19.3	20.7	22.1	23.5	25.0	26.5
77.5°	16.4	18.4	20.5	22.6	24.6	26.9	29.3	31.6	33.7	35.6	37.3
75°	21.0	23.5	26.5	29.7	32.7	35.6	38.6	41.9	44.7	47.2	49.6
72.5°	26.0	29.6	33.3	37.0	41.2	45.2	49.1	52.8	56.2	59.4	62.6
70°	31.5	35.8	40.7	45.7	50.5	55.1	59.5	63.8	67.7	71.9	76.4
67.5°	37.2	43.0	48.7	54.4	60.0	65.2	70.1	75.5	80.9	86.2	91.3
65°	44.0	50.3	56.9	63.4	69.6	75.9	82.2	88.4	94.7	100.7	106.3
62.5°	50.6	58.1	65.4	72.5	79.9	87.0	94.4	101.7	108.7	116.0	123.0
60°	57.7	65.9	73.9	82.0	90.2	98.7	106.9	115.4	124.0	132.3	140.2
57.5°	64.8	73.6	82.4	91.5	101.1	110.5	120.2	129.8	139.6	149.0	157.2
55°	71.6	81.2	91.0	101.5	112.0	122.8	133.6	144.8	155.4	163.3	170.7
52.5°	78.5	88.8	100.0	111.4	123.1	135.2	147.9	158.6	167.5	174.2	175.9
50°	85.3	97.0	108.9	121.4	134.3	148.1	160.1	169.9	174.8	176.7	175.7
47.5°	92.4	104.9	117.8	131.2	145.7	158.8	170.2	175.2	177.6	175.0	171.8
45°	99.5	112.9	126.5	141.3	155.7	168.1	174.5	178.1	174.9	171.8	169.6
42.5°	106.2	120.6	135.5	150.8	164.2	173.0	177.0	175.0	172.3	169.9	170.7
40°	113.0	128.1	144.4	158.7	170.8	175.3	174.6	172.2	170.5	171.6	175.0
37.5°	119.5	135.9	152.6	166.4	173.0	174.8	171.8	170.2	171.4	175.3	182.8
35°	125.6	143.4	159.3	170.9	175.3	172.2	170.1	169.8	174.3	182.3	193.5
32.5°	131.8	150.6	165.6	172.9	173.6	170.2	168.6	172.4	179.4	190.0	208.8
30°	137.9	156.1	170.2	174.6	171.6	169.0	169.9	175.4	185.0	202.6	233.0
27.5°	143.4	161.1	171.7	173.8	169.9	167.7	171.8	180.1	194.1	217.5	261.0
25°	148.5	165.6	173.0	172.2	168.8	168.5	174.1	184.4	203.6	241.6	301.2
22.5°	152.6	169.7	174.2	170.7	167.6	169.9	177.7	192.0	217.7	264.2	343.0
20°	156.0	170.7	174.0	169.3	166.5	171.0	180.9	199.4	236.6	299.7	390.2
17.5°	159.1	171.7	172.8	168.4	167.2	172.7	184.3	206.1	253.5	330.2	435.4
15°	161.8	172.5	171.7	167.6	168.0	175.1	189.7	218.6	273.7	358.9	476.1
12.5°	164.1	173.1	170.7	166.9	168.6	177.0	194.3	230.0	293.6	390.1	541.3
10°	166.1	173.7	169.7	166.3	169.0	178.6	198.1	239.0	309.0	416.5	596.0
7.5°	167.9	174.1	168.9	165.9	169.2	179.7	200.9	245.6	319.9	437.7	636.9
5°	169.3	174.5	168.5	165.7	169.8	180.9	203.0	249.9	326.5	453.1	664.3
2.5°	170.2	174.6	168.2	165.5	170.7	182.6	204.8	253.5	332.5	460.8	683.8
0°	170.6	174.7	168.1	165.5	171.4	183.9	205.7	255.0	335.3	460.7	695.6
-2.5°	170.2	174.6	168.2	165.5	170.7	182.6	204.8	253.5	332.5	460.8	683.8
-5°	169.3	174.5	168.5	165.7	169.8	180.9	203.0	249.9	326.5	453.1	664.3
-7.5°	167.9	174.1	168.9	165.9	169.2	179.7	200.9	245.6	319.9	437.7	636.9
-10°	166.1	173.7	169.7	166.3	169.0	178.6	198.1	239.0	309.0	416.5	596.0
-12.5°	164.1	173.1	170.7	166.9	168.6	177.0	194.3	230.0	293.6	390.1	541.3
-15°	161.8	172.5	171.7	167.6	168.0	175.1	189.7	218.6	273.7	358.9	476.1
-17.5°	159.1	171.7	172.8	168.4	167.2	172.7	184.3	206.1	253.5	330.2	435.4
-20°	156.0	170.7	174.0	169.3	166.5	171.0	180.9	199.4	236.6	299.7	390.2



REPORT NUMBER: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-935-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°	152.6	169.7	174.2	170.7	167.6	169.9	177.7	192.0	217.7	264.2	343.0
-25°	148.5	165.6	173.0	172.2	168.8	168.5	174.1	184.4	203.6	241.6	301.2
-27.5°	143.4	161.1	171.7	173.8	169.9	167.7	171.8	180.1	194.1	217.5	261.0
-30°	137.9	156.1	170.2	174.6	171.6	169.0	169.9	175.4	185.0	202.6	233.0
-32.5°	131.8	150.6	165.6	172.9	173.6	170.2	168.6	172.4	179.4	190.0	208.8
-35°	125.6	143.4	159.3	170.9	175.3	172.2	170.1	169.8	174.3	182.3	193.5
-37.5°	119.5	135.9	152.6	166.4	173.0	174.8	171.8	170.2	171.4	175.3	182.8
-40°	113.0	128.1	144.4	158.7	170.8	175.3	174.6	172.2	170.5	171.6	175.0
-42.5°	106.2	120.6	135.5	150.8	164.2	173.0	177.0	175.0	172.3	169.9	170.7
-45°	99.5	112.9	126.5	141.3	155.7	168.1	174.5	178.1	174.9	171.8	169.6
-47.5°	92.4	104.9	117.8	131.2	145.7	158.8	170.2	175.2	177.6	175.0	171.8
-50°	85.3	97.0	108.9	121.4	134.3	148.1	160.1	169.9	174.8	176.7	175.7
-52.5°	78.5	88.8	100.0	111.4	123.1	135.2	147.9	158.6	167.5	174.2	175.9
-55°	71.6	81.2	91.0	101.5	112.0	122.8	133.6	144.8	155.4	163.3	170.7
-57.5°	64.8	73.6	82.4	91.5	101.1	110.5	120.2	129.8	139.6	149.0	157.2
-60°	57.7	65.9	73.9	82.0	90.2	98.7	106.9	115.4	124.0	132.3	140.2
-62.5°	50.6	58.1	65.4	72.5	79.9	87.0	94.4	101.7	108.7	116.0	123.0
-65°	44.0	50.3	56.9	63.4	69.6	75.9	82.2	88.4	94.7	100.7	106.3
-67.5°	37.2	43.0	48.7	54.4	60.0	65.2	70.1	75.5	80.9	86.2	91.3
-70°	31.5	35.8	40.7	45.7	50.5	55.1	59.5	63.8	67.7	71.9	76.4
-72.5°	26.0	29.6	33.3	37.0	41.2	45.2	49.1	52.8	56.2	59.4	62.6
-75°	21.0	23.5	26.5	29.7	32.7	35.6	38.6	41.9	44.7	47.2	49.6
-77.5°	16.4	18.4	20.5	22.6	24.6	26.9	29.3	31.6	33.7	35.6	37.3
-80°	12.1	13.3	14.9	16.5	17.9	19.3	20.7	22.1	23.5	25.0	26.5
-82.5°	8.2	9.2	10.1	11.0	11.7	12.4	13.0	13.9	14.9	16.0	16.9
-85°	4.6	5.0	5.6	6.2	6.8	7.3	7.7	8.1	8.6	9.0	9.4
-87.5°	2.3	2.5	2.7	2.9	3.0	3.2	3.4	3.5	3.7	3.8	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-935-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°	4.1	4.0	4.0	3.9	3.8	3.9	3.9	4.0	4.1	4.3	4.5
85°	9.8	10.2	10.7	11.2	11.7	12.0	12.3	12.5	12.8	13.0	13.1
82.5°	17.8	18.8	19.6	20.4	21.1	21.7	22.2	22.7	23.1	23.4	23.7
80°	27.8	29.1	30.2	31.2	32.1	32.8	33.4	34.0	34.4	35.2	36.0
77.5°	39.0	40.7	42.4	43.8	45.2	46.5	47.7	48.8	49.8	50.6	51.1
75°	51.9	54.1	56.3	58.4	60.2	62.1	64.0	65.7	67.2	68.2	69.0
72.5°	65.8	68.8	71.5	74.0	76.3	78.7	81.0	83.1	84.9	86.3	87.4
70°	80.7	84.5	87.7	90.6	93.4	96.4	99.2	101.7	103.8	105.6	107.0
67.5°	96.1	100.5	104.4	108.2	112.1	115.7	119.1	122.3	125.2	127.5	129.0
65°	111.8	117.5	122.7	127.4	131.7	135.7	140.0	144.0	147.5	150.5	152.8
62.5°	129.6	136.0	141.9	147.2	151.9	155.7	159.8	163.5	166.8	169.9	173.0
60°	147.8	155.0	160.1	164.6	168.7	172.3	173.7	175.1	176.2	177.3	178.5
57.5°	163.7	169.8	174.3	175.3	176.2	177.0	176.5	175.1	173.6	172.1	170.9
55°	174.8	176.5	178.4	176.9	174.5	172.2	170.2	168.8	167.5	166.3	165.3
52.5°	177.7	176.0	173.9	171.7	170.0	168.3	166.5	166.8	167.4	167.7	168.0
50°	173.4	171.4	170.3	169.0	169.2	170.1	170.8	172.4	174.5	176.0	177.2
47.5°	170.1	168.8	170.4	172.5	174.5	178.1	181.3	184.4	189.3	193.1	196.2
45°	169.2	172.3	175.6	180.8	185.4	193.2	200.7	206.9	218.4	229.0	237.3
42.5°	173.9	179.3	185.3	195.4	206.3	220.3	238.2	253.4	271.2	287.8	299.8
40°	181.8	189.8	203.2	219.5	245.0	267.6	297.3	322.8	346.7	372.0	391.0
37.5°	193.1	208.1	233.2	262.4	301.0	338.2	379.2	419.0	452.9	504.2	544.3
35°	210.0	240.3	275.8	324.7	375.2	432.0	492.0	569.2	637.2	717.0	792.0
32.5°	240.7	281.7	337.5	403.5	470.6	568.7	661.3	786.8	899.5	1040.3	1191.6
30°	276.7	337.9	412.8	498.9	620.4	755.4	907.6	1100.1	1328.8	1601.2	1966.6
27.5°	326.2	404.8	499.0	638.7	811.0	991.9	1261.9	1585.4	2175.1	2688.9	3369.9
25°	379.5	475.5	624.5	812.2	1039.0	1364.8	1892.5	2565.8	3519.4	4431.3	5160.2
22.5°	441.0	581.3	769.3	1002.9	1369.9	2000.7	2820.1	4005.8	5069.2	5988.9	6697.2
20°	509.0	685.0	937.7	1294.7	1919.6	2843.6	4159.0	5375.8	6461.9	7253.7	7879.5
17.5°	597.2	827.0	1147.6	1640.3	2599.5	4023.3	5379.4	6582.1	7527.1	8222.7	8777.5
15°	679.4	957.8	1373.3	2214.0	3523.1	5044.8	6434.8	7507.7	8325.5	8972.8	9471.6
12.5°	776.6	1104.7	1637.1	2709.5	4372.3	5887.6	7184.2	8186.0	8973.6	9580.3	10248.8
10°	863.1	1262.7	2015.1	3369.9	5069.7	6549.9	7809.0	8709.4	9499.1	10289.8	11292.2
7.5°	934.5	1395.3	2325.0	3927.1	5605.2	7039.8	8186.9	9086.6	9956.9	11012.9	12458.7
5°	991.2	1495.4	2580.0	4347.7	5994.4	7389.5	8475.5	9387.4	10370.5	11783.1	13723.5
2.5°	1029.2	1560.9	2739.4	4601.8	6240.0	7590.0	8689.5	9584.2	10614.9	12214.4	14241.5
0°	1044.3	1591.1	2698.9	4647.9	6254.9	7655.3	8721.4	9657.8	10684.5	12286.5	14336.6
-2.5°	1029.2	1560.9	2739.4	4601.8	6240.0	7590.0	8689.5	9584.2	10614.9	12214.4	14241.5
-5°	991.2	1495.4	2580.0	4347.7	5994.4	7389.5	8475.5	9387.4	10370.5	11783.1	13723.5
-7.5°	934.5	1395.3	2325.0	3927.1	5605.2	7039.8	8186.9	9086.6	9956.9	11012.9	12458.7
-10°	863.1	1262.7	2015.1	3369.9	5069.7	6549.9	7809.0	8709.4	9499.1	10289.8	11292.2
-12.5°	776.6	1104.7	1637.1	2709.5	4372.3	5887.6	7184.2	8186.0	8973.6	9580.3	10248.8
-15°	679.4	957.8	1373.3	2214.0	3523.1	5044.8	6434.8	7507.7	8325.5	8972.8	9471.6
-17.5°	597.2	827.0	1147.6	1640.3	2599.5	4023.3	5379.4	6582.1	7527.1	8222.7	8777.5
-20°	509.0	685.0	937.7	1294.7	1919.6	2843.6	4159.0	5375.8	6461.9	7253.7	7879.5



REPORT NUMBER: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	441.0	581.3	769.3	1002.9	1369.9	2000.7	2820.1	4005.8	5069.2	5988.9	6697.2
-25°	379.5	475.5	624.5	812.2	1039.0	1364.8	1892.5	2565.8	3519.4	4431.3	5160.2
-27.5°	326.2	404.8	499.0	638.7	811.0	991.9	1261.9	1585.4	2175.1	2688.9	3369.9
-30°	276.7	337.9	412.8	498.9	620.4	755.4	907.6	1100.1	1328.8	1601.2	1966.6
-32.5°	240.7	281.7	337.5	403.5	470.6	568.7	661.3	786.8	899.5	1040.3	1191.6
-35°	210.0	240.3	275.8	324.7	375.2	432.0	492.0	569.2	637.2	717.0	792.0
-37.5°	193.1	208.1	233.2	262.4	301.0	338.2	379.2	419.0	452.9	504.2	544.3
-40°	181.8	189.8	203.2	219.5	245.0	267.6	297.3	322.8	346.7	372.0	391.0
-42.5°	173.9	179.3	185.3	195.4	206.3	220.3	238.2	253.4	271.2	287.8	299.8
-45°	169.2	172.3	175.6	180.8	185.4	193.2	200.7	206.9	218.4	229.0	237.3
-47.5°	170.1	168.8	170.4	172.5	174.5	178.1	181.3	184.4	189.3	193.1	196.2
-50°	173.4	171.4	170.3	169.0	169.2	170.1	170.8	172.4	174.5	176.0	177.2
-52.5°	177.7	176.0	173.9	171.7	170.0	168.3	166.5	166.8	167.4	167.7	168.0
-55°	174.8	176.5	178.4	176.9	174.5	172.2	170.2	168.8	167.5	166.3	165.3
-57.5°	163.7	169.8	174.3	175.3	176.2	177.0	176.5	175.1	173.6	172.1	170.9
-60°	147.8	155.0	160.1	164.6	168.7	172.3	173.7	175.1	176.2	177.3	178.5
-62.5°	129.6	136.0	141.9	147.2	151.9	155.7	159.8	163.5	166.8	169.9	173.0
-65°	111.8	117.5	122.7	127.4	131.7	135.7	140.0	144.0	147.5	150.5	152.8
-67.5°	96.1	100.5	104.4	108.2	112.1	115.7	119.1	122.3	125.2	127.5	129.0
-70°	80.7	84.5	87.7	90.6	93.4	96.4	99.2	101.7	103.8	105.6	107.0
-72.5°	65.8	68.8	71.5	74.0	76.3	78.7	81.0	83.1	84.9	86.3	87.4
-75°	51.9	54.1	56.3	58.4	60.2	62.1	64.0	65.7	67.2	68.2	69.0
-77.5°	39.0	40.7	42.4	43.8	45.2	46.5	47.7	48.8	49.8	50.6	51.1
-80°	27.8	29.1	30.2	31.2	32.1	32.8	33.4	34.0	34.4	35.2	36.0
-82.5°	17.8	18.8	19.6	20.4	21.1	21.7	22.2	22.7	23.1	23.4	23.7
-85°	9.8	10.2	10.7	11.2	11.7	12.0	12.3	12.5	12.8	13.0	13.1
-87.5°	4.1	4.0	4.0	3.9	3.8	3.9	3.9	4.0	4.1	4.3	4.5
-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: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-935-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.0	5.0	5.0	5.0	5.0	4.8	4.5	4.3	4.1	4.0
85°	13.3	13.3	13.8	14.2	13.8	13.3	13.3	13.1	13.0	12.8	12.5
82.5°	23.9	24.1	24.2	24.2	24.2	24.1	23.9	23.7	23.4	23.1	22.7
80°	36.7	37.4	37.2	36.8	37.2	37.4	36.7	36.0	35.2	34.4	34.0
77.5°	51.4	51.5	51.3	51.0	51.3	51.5	51.4	51.1	50.6	49.8	48.8
75°	69.5	69.8	70.1	70.2	70.1	69.8	69.5	69.0	68.2	67.2	65.7
72.5°	88.3	89.0	88.9	88.6	88.9	89.0	88.3	87.4	86.3	84.9	83.1
70°	108.1	108.9	109.3	109.5	109.3	108.9	108.1	107.0	105.6	103.8	101.7
67.5°	130.0	130.6	131.1	131.3	131.1	130.6	130.0	129.0	127.5	125.2	122.3
65°	154.6	156.1	156.6	156.4	156.6	156.1	154.6	152.8	150.5	147.5	144.0
62.5°	175.9	178.5	179.5	179.8	179.5	178.5	175.9	173.0	169.9	166.8	163.5
60°	179.5	180.4	180.6	180.6	180.6	180.4	179.5	178.5	177.3	176.2	175.1
57.5°	169.8	168.9	168.3	168.1	168.3	168.9	169.8	170.9	172.1	173.6	175.1
55°	164.3	163.5	163.1	163.0	163.1	163.5	164.3	165.3	166.3	167.5	168.8
52.5°	168.0	168.0	168.3	168.9	168.3	168.0	168.0	168.0	167.7	167.4	166.8
50°	178.3	179.1	179.9	180.6	179.9	179.1	178.3	177.2	176.0	174.5	172.4
47.5°	198.4	199.6	200.3	200.7	200.3	199.6	198.4	196.2	193.1	189.3	184.4
45°	242.7	245.6	247.0	247.5	247.0	245.6	242.7	237.3	229.0	218.4	206.9
42.5°	307.7	312.1	314.0	314.4	314.0	312.1	307.7	299.8	287.8	271.2	253.4
40°	404.7	412.5	416.2	418.9	416.2	412.5	404.7	391.0	372.0	346.7	322.8
37.5°	574.4	593.9	605.0	614.5	605.0	593.9	574.4	544.3	504.2	452.9	419.0
35°	853.0	897.7	924.1	929.7	924.1	897.7	853.0	792.0	717.0	637.2	569.2
32.5°	1308.1	1395.8	1448.3	1454.8	1448.3	1395.8	1308.1	1191.6	1040.3	899.5	786.8
30°	2250.3	2496.0	2664.4	2641.2	2664.4	2496.0	2250.3	1966.6	1601.2	1328.8	1100.1
27.5°	3927.9	4373.4	4662.7	4638.7	4662.7	4373.4	3927.9	3369.9	2688.9	2175.1	1585.4
25°	5720.7	6130.8	6372.9	6462.2	6372.9	6130.8	5720.7	5160.2	4431.3	3519.4	2565.8
22.5°	7184.8	7551.4	7760.8	7886.1	7760.8	7551.4	7184.8	6697.2	5988.9	5069.2	4005.8
20°	8306.5	8624.4	8804.5	8881.9	8804.5	8624.4	8306.5	7879.5	7253.7	6461.9	5375.8
17.5°	9169.5	9435.6	9639.6	9692.1	9639.6	9435.6	9169.5	8777.5	8222.7	7527.1	6582.1
15°	9932.8	10276.6	10517.1	10606.8	10517.1	10276.6	9932.8	9471.6	8972.8	8325.5	7507.7
12.5°	10895.4	11493.2	11811.0	11884.3	11811.0	11493.2	10895.4	10248.8	9580.3	8973.6	8186.0
10°	12318.2	13237.1	13341.2	13198.7	13341.2	13237.1	12318.2	11292.2	10289.8	9499.1	8709.4
7.5°	14390.3	15615.6	15350.6	14909.4	15350.6	15615.6	14390.3	12458.7	11012.9	9956.9	9086.6
5°	15873.1	17574.2	17627.1	17303.1	17627.1	17574.2	15873.1	13723.5	11783.1	10370.5	9387.4
2.5°	16463.4	18214.6	19086.2	19229.1	19086.2	18214.6	16463.4	14241.5	12214.4	10614.9	9584.2
0°	16507.6	18421.0	19454.3	19711.1	19454.3	18421.0	16507.6	14336.6	12286.5	10684.5	9657.8
-2.5°	16463.4	18214.6	19086.2	19229.1	19086.2	18214.6	16463.4	14241.5	12214.4	10614.9	9584.2
-5°	15873.1	17574.2	17627.1	17303.1	17627.1	17574.2	15873.1	13723.5	11783.1	10370.5	9387.4
-7.5°	14390.3	15615.6	15350.6	14909.4	15350.6	15615.6	14390.3	12458.7	11012.9	9956.9	9086.6
-10°	12318.2	13237.1	13341.2	13198.7	13341.2	13237.1	12318.2	11292.2	10289.8	9499.1	8709.4
-12.5°	10895.4	11493.2	11811.0	11884.3	11811.0	11493.2	10895.4	10248.8	9580.3	8973.6	8186.0
-15°	9932.8	10276.6	10517.1	10606.8	10517.1	10276.6	9932.8	9471.6	8972.8	8325.5	7507.7
-17.5°	9169.5	9435.6	9639.6	9692.1	9639.6	9435.6	9169.5	8777.5	8222.7	7527.1	6582.1
-20°	8306.5	8624.4	8804.5	8881.9	8804.5	8624.4	8306.5	7879.5	7253.7	6461.9	5375.8



REPORT NUMBER: P558668 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-935-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°	7184.8	7551.4	7760.8	7886.1	7760.8	7551.4	7184.8	6697.2	5988.9	5069.2	4005.8
-25°	5720.7	6130.8	6372.9	6462.2	6372.9	6130.8	5720.7	5160.2	4431.3	3519.4	2565.8
-27.5°	3927.9	4373.4	4662.7	4638.7	4662.7	4373.4	3927.9	3369.9	2688.9	2175.1	1585.4
-30°	2250.3	2496.0	2664.4	2641.2	2664.4	2496.0	2250.3	1966.6	1601.2	1328.8	1100.1
-32.5°	1308.1	1395.8	1448.3	1454.8	1448.3	1395.8	1308.1	1191.6	1040.3	899.5	786.8
-35°	853.0	897.7	924.1	929.7	924.1	897.7	853.0	792.0	717.0	637.2	569.2
-37.5°	574.4	593.9	605.0	614.5	605.0	593.9	574.4	544.3	504.2	452.9	419.0
-40°	404.7	412.5	416.2	418.9	416.2	412.5	404.7	391.0	372.0	346.7	322.8
-42.5°	307.7	312.1	314.0	314.4	314.0	312.1	307.7	299.8	287.8	271.2	253.4
-45°	242.7	245.6	247.0	247.5	247.0	245.6	242.7	237.3	229.0	218.4	206.9
-47.5°	198.4	199.6	200.3	200.7	200.3	199.6	198.4	196.2	193.1	189.3	184.4
-50°	178.3	179.1	179.9	180.6	179.9	179.1	178.3	177.2	176.0	174.5	172.4
-52.5°	168.0	168.0	168.3	168.9	168.3	168.0	168.0	168.0	167.7	167.4	166.8
-55°	164.3	163.5	163.1	163.0	163.1	163.5	164.3	165.3	166.3	167.5	168.8
-57.5°	169.8	168.9	168.3	168.1	168.3	168.9	169.8	170.9	172.1	173.6	175.1
-60°	179.5	180.4	180.6	180.6	180.6	180.4	179.5	178.5	177.3	176.2	175.1
-62.5°	175.9	178.5	179.5	179.8	179.5	178.5	175.9	173.0	169.9	166.8	163.5
-65°	154.6	156.1	156.6	156.4	156.6	156.1	154.6	152.8	150.5	147.5	144.0
-67.5°	130.0	130.6	131.1	131.3	131.1	130.6	130.0	129.0	127.5	125.2	122.3
-70°	108.1	108.9	109.3	109.5	109.3	108.9	108.1	107.0	105.6	103.8	101.7
-72.5°	88.3	89.0	88.9	88.6	88.9	89.0	88.3	87.4	86.3	84.9	83.1
-75°	69.5	69.8	70.1	70.2	70.1	69.8	69.5	69.0	68.2	67.2	65.7
-77.5°	51.4	51.5	51.3	51.0	51.3	51.5	51.4	51.1	50.6	49.8	48.8
-80°	36.7	37.4	37.2	36.8	37.2	37.4	36.7	36.0	35.2	34.4	34.0
-82.5°	23.9	24.1	24.2	24.2	24.2	24.1	23.9	23.7	23.4	23.1	22.7
-85°	13.3	13.3	13.8	14.2	13.8	13.3	13.3	13.1	13.0	12.8	12.5
-87.5°	4.8	5.0	5.0	5.0	5.0	5.0	4.8	4.5	4.3	4.1	4.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558668 (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°	3.9	3.9	3.8	3.9	4.0	4.0	4.1	4.0	3.8	3.7	3.5
85°	12.3	12.0	11.7	11.2	10.7	10.2	9.8	9.4	9.0	8.6	8.1
82.5°	22.2	21.7	21.1	20.4	19.6	18.8	17.8	16.9	16.0	14.9	13.9
80°	33.4	32.8	32.1	31.2	30.2	29.1	27.8	26.5	25.0	23.5	22.1
77.5°	47.7	46.5	45.2	43.8	42.4	40.7	39.0	37.3	35.6	33.7	31.6
75°	64.0	62.1	60.2	58.4	56.3	54.1	51.9	49.6	47.2	44.7	41.9
72.5°	81.0	78.7	76.3	74.0	71.5	68.8	65.8	62.6	59.4	56.2	52.8
70°	99.2	96.4	93.4	90.6	87.7	84.5	80.7	76.4	71.9	67.7	63.8
67.5°	119.1	115.7	112.1	108.2	104.4	100.5	96.1	91.3	86.2	80.9	75.5
65°	140.0	135.7	131.7	127.4	122.7	117.5	111.8	106.3	100.7	94.7	88.4
62.5°	159.8	155.7	151.9	147.2	141.9	136.0	129.6	123.0	116.0	108.7	101.7
60°	173.7	172.3	168.7	164.6	160.1	155.0	147.8	140.2	132.3	124.0	115.4
57.5°	176.5	177.0	176.2	175.3	174.3	169.8	163.7	157.2	149.0	139.6	129.8
55°	170.2	172.2	174.5	176.9	178.4	176.5	174.8	170.7	163.3	155.4	144.8
52.5°	166.5	168.3	170.0	171.7	173.9	176.0	177.7	175.9	174.2	167.5	158.6
50°	170.8	170.1	169.2	169.0	170.3	171.4	173.4	175.7	176.7	174.8	169.9
47.5°	181.3	178.1	174.5	172.5	170.4	168.8	170.1	171.8	175.0	177.6	175.2
45°	200.7	193.2	185.4	180.8	175.6	172.3	169.2	169.6	171.8	174.9	178.1
42.5°	238.2	220.3	206.3	195.4	185.3	179.3	173.9	170.7	169.9	172.3	175.0
40°	297.3	267.6	245.0	219.5	203.2	189.8	181.8	175.0	171.6	170.5	172.2
37.5°	379.2	338.2	301.0	262.4	233.2	208.1	193.1	182.8	175.3	171.4	170.2
35°	492.0	432.0	375.2	324.7	275.8	240.3	210.0	193.5	182.3	174.3	169.8
32.5°	661.3	568.7	470.6	403.5	337.5	281.7	240.7	208.8	190.0	179.4	172.4
30°	907.6	755.4	620.4	498.9	412.8	337.9	276.7	233.0	202.6	185.0	175.4
27.5°	1261.9	991.9	811.0	638.7	499.0	404.8	326.2	261.0	217.5	194.1	180.1
25°	1892.5	1364.8	1039.0	812.2	624.5	475.5	379.5	301.2	241.6	203.6	184.4
22.5°	2820.1	2000.7	1369.9	1002.9	769.3	581.3	441.0	343.0	264.2	217.7	192.0
20°	4159.0	2843.6	1919.6	1294.7	937.7	685.0	509.0	390.2	299.7	236.6	199.4
17.5°	5379.4	4023.3	2599.5	1640.3	1147.6	827.0	597.2	435.4	330.2	253.5	206.1
15°	6434.8	5044.8	3523.1	2214.0	1373.3	957.8	679.4	476.1	358.9	273.7	218.6
12.5°	7184.2	5887.6	4372.3	2709.5	1637.1	1104.7	776.6	541.3	390.1	293.6	230.0
10°	7809.0	6549.9	5069.7	3369.9	2015.1	1262.7	863.1	596.0	416.5	309.0	239.0
7.5°	8186.9	7039.8	5605.2	3927.1	2325.0	1395.3	934.5	636.9	437.7	319.9	245.6
5°	8475.5	7389.5	5994.4	4347.7	2580.0	1495.4	991.2	664.3	453.1	326.5	249.9
2.5°	8689.5	7590.0	6240.0	4601.8	2739.4	1560.9	1029.2	683.8	460.8	332.5	253.5
0°	8721.4	7655.3	6254.9	4647.9	2698.9	1591.1	1044.3	695.6	460.7	335.3	255.0
-2.5°	8689.5	7590.0	6240.0	4601.8	2739.4	1560.9	1029.2	683.8	460.8	332.5	253.5
-5°	8475.5	7389.5	5994.4	4347.7	2580.0	1495.4	991.2	664.3	453.1	326.5	249.9
-7.5°	8186.9	7039.8	5605.2	3927.1	2325.0	1395.3	934.5	636.9	437.7	319.9	245.6
-10°	7809.0	6549.9	5069.7	3369.9	2015.1	1262.7	863.1	596.0	416.5	309.0	239.0
-12.5°	7184.2	5887.6	4372.3	2709.5	1637.1	1104.7	776.6	541.3	390.1	293.6	230.0
-15°	6434.8	5044.8	3523.1	2214.0	1373.3	957.8	679.4	476.1	358.9	273.7	218.6
-17.5°	5379.4	4023.3	2599.5	1640.3	1147.6	827.0	597.2	435.4	330.2	253.5	206.1
-20°	4159.0	2843.6	1919.6	1294.7	937.7	685.0	509.0	390.2	299.7	236.6	199.4



REPORT NUMBER: P558668 (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°	2820.1	2000.7	1369.9	1002.9	769.3	581.3	441.0	343.0	264.2	217.7	192.0
-25°	1892.5	1364.8	1039.0	812.2	624.5	475.5	379.5	301.2	241.6	203.6	184.4
-27.5°	1261.9	991.9	811.0	638.7	499.0	404.8	326.2	261.0	217.5	194.1	180.1
-30°	907.6	755.4	620.4	498.9	412.8	337.9	276.7	233.0	202.6	185.0	175.4
-32.5°	661.3	568.7	470.6	403.5	337.5	281.7	240.7	208.8	190.0	179.4	172.4
-35°	492.0	432.0	375.2	324.7	275.8	240.3	210.0	193.5	182.3	174.3	169.8
-37.5°	379.2	338.2	301.0	262.4	233.2	208.1	193.1	182.8	175.3	171.4	170.2
-40°	297.3	267.6	245.0	219.5	203.2	189.8	181.8	175.0	171.6	170.5	172.2
-42.5°	238.2	220.3	206.3	195.4	185.3	179.3	173.9	170.7	169.9	172.3	175.0
-45°	200.7	193.2	185.4	180.8	175.6	172.3	169.2	169.6	171.8	174.9	178.1
-47.5°	181.3	178.1	174.5	172.5	170.4	168.8	170.1	171.8	175.0	177.6	175.2
-50°	170.8	170.1	169.2	169.0	170.3	171.4	173.4	175.7	176.7	174.8	169.9
-52.5°	166.5	168.3	170.0	171.7	173.9	176.0	177.7	175.9	174.2	167.5	158.6
-55°	170.2	172.2	174.5	176.9	178.4	176.5	174.8	170.7	163.3	155.4	144.8
-57.5°	176.5	177.0	176.2	175.3	174.3	169.8	163.7	157.2	149.0	139.6	129.8
-60°	173.7	172.3	168.7	164.6	160.1	155.0	147.8	140.2	132.3	124.0	115.4
-62.5°	159.8	155.7	151.9	147.2	141.9	136.0	129.6	123.0	116.0	108.7	101.7
-65°	140.0	135.7	131.7	127.4	122.7	117.5	111.8	106.3	100.7	94.7	88.4
-67.5°	119.1	115.7	112.1	108.2	104.4	100.5	96.1	91.3	86.2	80.9	75.5
-70°	99.2	96.4	93.4	90.6	87.7	84.5	80.7	76.4	71.9	67.7	63.8
-72.5°	81.0	78.7	76.3	74.0	71.5	68.8	65.8	62.6	59.4	56.2	52.8
-75°	64.0	62.1	60.2	58.4	56.3	54.1	51.9	49.6	47.2	44.7	41.9
-77.5°	47.7	46.5	45.2	43.8	42.4	40.7	39.0	37.3	35.6	33.7	31.6
-80°	33.4	32.8	32.1	31.2	30.2	29.1	27.8	26.5	25.0	23.5	22.1
-82.5°	22.2	21.7	21.1	20.4	19.6	18.8	17.8	16.9	16.0	14.9	13.9
-85°	12.3	12.0	11.7	11.2	10.7	10.2	9.8	9.4	9.0	8.6	8.1
-87.5°	3.9	3.9	3.8	3.9	4.0	4.0	4.1	4.0	3.8	3.7	3.5
-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: P558668 (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°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
85°	7.7	7.3	6.8	6.2	5.6	5.0	4.6	4.2	3.8	3.4	3.0
82.5°	13.0	12.4	11.7	11.0	10.1	9.2	8.2	7.2	6.3	5.2	4.5
80°	20.7	19.3	17.9	16.5	14.9	13.3	12.1	10.8	9.5	8.2	6.8
77.5°	29.3	26.9	24.6	22.6	20.5	18.4	16.4	14.4	12.8	11.2	9.4
75°	38.6	35.6	32.7	29.7	26.5	23.5	21.0	18.5	16.3	14.2	12.1
72.5°	49.1	45.2	41.2	37.0	33.3	29.6	26.0	22.6	19.9	17.3	14.8
70°	59.5	55.1	50.5	45.7	40.7	35.8	31.5	27.5	23.5	20.4	17.4
67.5°	70.1	65.2	60.0	54.4	48.7	43.0	37.2	32.5	28.0	23.5	20.1
65°	82.2	75.9	69.6	63.4	56.9	50.3	44.0	37.8	32.5	27.5	22.7
62.5°	94.4	87.0	79.9	72.5	65.4	58.1	50.6	43.9	37.1	31.4	25.8
60°	106.9	98.7	90.2	82.0	73.9	65.9	57.7	49.9	42.5	35.2	29.2
57.5°	120.2	110.5	101.1	91.5	82.4	73.6	64.8	56.0	47.8	39.7	32.5
55°	133.6	122.8	112.0	101.5	91.0	81.2	71.6	62.1	53.0	44.3	35.7
52.5°	147.9	135.2	123.1	111.4	100.0	88.8	78.5	68.0	58.2	48.7	39.5
50°	160.1	148.1	134.3	121.4	108.9	97.0	85.3	74.1	63.2	53.1	43.2
47.5°	170.2	158.8	145.7	131.2	117.8	104.9	92.4	80.2	67.9	57.3	46.8
45°	174.5	168.1	155.7	141.3	126.5	112.9	99.5	86.2	73.3	61.3	50.2
42.5°	177.0	173.0	164.2	150.8	135.5	120.6	106.2	92.2	78.5	65.2	53.6
40°	174.6	175.3	170.8	158.7	144.4	128.1	113.0	98.1	83.5	69.1	56.8
37.5°	171.8	174.8	173.0	166.4	152.6	135.9	119.5	103.7	88.3	73.4	59.9
35°	170.1	172.2	175.3	170.9	159.3	143.4	125.6	109.1	93.0	77.4	62.9
32.5°	168.6	170.2	173.6	172.9	165.6	150.6	131.8	114.3	97.4	81.1	65.7
30°	169.9	169.0	171.6	174.6	170.2	156.1	137.9	119.1	101.6	84.5	68.4
27.5°	171.8	167.7	169.9	173.8	171.7	161.1	143.4	123.6	105.4	87.8	71.2
25°	174.1	168.5	168.8	172.2	173.0	165.6	148.5	127.8	109.0	90.9	73.8
22.5°	177.7	169.9	167.6	170.7	174.2	169.7	152.6	131.9	112.4	93.8	76.1
20°	180.9	171.0	166.5	169.3	174.0	170.7	156.0	135.7	115.4	96.3	78.2
17.5°	184.3	172.7	167.2	168.4	172.8	171.7	159.1	138.9	118.1	98.6	80.0
15°	189.7	175.1	168.0	167.6	171.7	172.5	161.8	141.7	120.4	100.5	81.6
12.5°	194.3	177.0	168.6	166.9	170.7	173.1	164.1	144.1	122.4	102.2	83.0
10°	198.1	178.6	169.0	166.3	169.7	173.7	166.1	146.2	124.2	103.4	84.1
7.5°	200.9	179.7	169.2	165.9	168.9	174.1	167.9	148.3	125.7	104.4	85.0
5°	203.0	180.9	169.8	165.7	168.5	174.5	169.3	150.1	126.8	105.0	85.6
2.5°	204.8	182.6	170.7	165.5	168.2	174.6	170.2	151.4	127.5	105.3	86.0
0°	205.7	183.9	171.4	165.5	168.1	174.7	170.6	152.2	127.9	105.3	86.1
-2.5°	204.8	182.6	170.7	165.5	168.2	174.6	170.2	151.4	127.5	105.3	86.0
-5°	203.0	180.9	169.8	165.7	168.5	174.5	169.3	150.1	126.8	105.0	85.6
-7.5°	200.9	179.7	169.2	165.9	168.9	174.1	167.9	148.3	125.7	104.4	85.0
-10°	198.1	178.6	169.0	166.3	169.7	173.7	166.1	146.2	124.2	103.4	84.1
-12.5°	194.3	177.0	168.6	166.9	170.7	173.1	164.1	144.1	122.4	102.2	83.0
-15°	189.7	175.1	168.0	167.6	171.7	172.5	161.8	141.7	120.4	100.5	81.6
-17.5°	184.3	172.7	167.2	168.4	172.8	171.7	159.1	138.9	118.1	98.6	80.0
-20°	180.9	171.0	166.5	169.3	174.0	170.7	156.0	135.7	115.4	96.3	78.2



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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°	177.7	169.9	167.6	170.7	174.2	169.7	152.6	131.9	112.4	93.8	76.1
-25°	174.1	168.5	168.8	172.2	173.0	165.6	148.5	127.8	109.0	90.9	73.8
-27.5°	171.8	167.7	169.9	173.8	171.7	161.1	143.4	123.6	105.4	87.8	71.2
-30°	169.9	169.0	171.6	174.6	170.2	156.1	137.9	119.1	101.6	84.5	68.4
-32.5°	168.6	170.2	173.6	172.9	165.6	150.6	131.8	114.3	97.4	81.1	65.7
-35°	170.1	172.2	175.3	170.9	159.3	143.4	125.6	109.1	93.0	77.4	62.9
-37.5°	171.8	174.8	173.0	166.4	152.6	135.9	119.5	103.7	88.3	73.4	59.9
-40°	174.6	175.3	170.8	158.7	144.4	128.1	113.0	98.1	83.5	69.1	56.8
-42.5°	177.0	173.0	164.2	150.8	135.5	120.6	106.2	92.2	78.5	65.2	53.6
-45°	174.5	168.1	155.7	141.3	126.5	112.9	99.5	86.2	73.3	61.3	50.2
-47.5°	170.2	158.8	145.7	131.2	117.8	104.9	92.4	80.2	67.9	57.3	46.8
-50°	160.1	148.1	134.3	121.4	108.9	97.0	85.3	74.1	63.2	53.1	43.2
-52.5°	147.9	135.2	123.1	111.4	100.0	88.8	78.5	68.0	58.2	48.7	39.5
-55°	133.6	122.8	112.0	101.5	91.0	81.2	71.6	62.1	53.0	44.3	35.7
-57.5°	120.2	110.5	101.1	91.5	82.4	73.6	64.8	56.0	47.8	39.7	32.5
-60°	106.9	98.7	90.2	82.0	73.9	65.9	57.7	49.9	42.5	35.2	29.2
-62.5°	94.4	87.0	79.9	72.5	65.4	58.1	50.6	43.9	37.1	31.4	25.8
-65°	82.2	75.9	69.6	63.4	56.9	50.3	44.0	37.8	32.5	27.5	22.7
-67.5°	70.1	65.2	60.0	54.4	48.7	43.0	37.2	32.5	28.0	23.5	20.1
-70°	59.5	55.1	50.5	45.7	40.7	35.8	31.5	27.5	23.5	20.4	17.4
-72.5°	49.1	45.2	41.2	37.0	33.3	29.6	26.0	22.6	19.9	17.3	14.8
-75°	38.6	35.6	32.7	29.7	26.5	23.5	21.0	18.5	16.3	14.2	12.1
-77.5°	29.3	26.9	24.6	22.6	20.5	18.4	16.4	14.4	12.8	11.2	9.4
-80°	20.7	19.3	17.9	16.5	14.9	13.3	12.1	10.8	9.5	8.2	6.8
-82.5°	13.0	12.4	11.7	11.0	10.1	9.2	8.2	7.2	6.3	5.2	4.5
-85°	7.7	7.3	6.8	6.2	5.6	5.0	4.6	4.2	3.8	3.4	3.0
-87.5°	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	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):

	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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	7.6	5.7	4.3	3.2	2.2	1.1	0.0
75°	9.9	7.6	5.3	3.9	2.6	1.3	0.0
72.5°	12.2	9.4	6.7	4.5	3.0	1.5	0.0
70°	14.4	11.2	8.2	5.2	3.4	1.7	0.0
67.5°	16.7	13.0	9.6	6.2	3.8	1.9	0.0
65°	18.9	14.9	11.0	7.3	4.2	2.1	0.0
62.5°	21.1	16.8	12.3	8.3	4.6	2.3	0.0
60°	23.3	18.7	13.6	9.2	5.0	2.5	0.0
57.5°	26.1	20.5	15.1	10.2	5.6	2.7	0.0
55°	28.8	22.3	16.6	11.1	6.2	2.9	0.0
52.5°	31.5	24.2	18.0	12.0	6.9	3.0	0.0
50°	34.1	26.3	19.5	12.8	7.4	3.2	0.0
47.5°	36.7	28.4	20.8	13.7	8.0	3.4	0.0
45°	39.6	30.5	22.2	14.7	8.6	3.5	0.0
42.5°	42.4	32.4	23.4	15.7	9.1	3.7	0.0
40°	45.0	34.3	24.8	16.6	9.6	3.8	0.0
37.5°	47.5	36.0	26.2	17.5	10.1	4.0	0.0
35°	49.8	37.9	27.6	18.3	10.6	4.1	0.0
32.5°	52.0	39.7	28.8	19.1	11.0	4.2	0.0
30°	54.2	41.3	30.0	19.8	11.4	4.3	0.0
27.5°	56.3	42.9	31.0	20.4	11.8	4.4	0.0
25°	58.2	44.3	31.9	21.0	12.2	4.5	0.0
22.5°	59.9	45.5	32.7	21.5	12.5	4.6	0.0
20°	61.5	46.5	33.5	22.0	12.8	4.7	0.0
17.5°	62.9	47.5	34.1	22.4	13.1	4.8	0.0
15°	64.2	48.3	34.7	22.7	13.4	4.8	0.0
12.5°	65.2	48.9	35.1	23.0	13.6	4.9	0.0
10°	66.1	49.5	35.5	23.2	13.8	4.9	0.0
7.5°	66.8	49.8	35.8	23.3	13.9	5.0	0.0
5°	67.3	50.1	35.9	23.4	14.1	5.0	0.0
2.5°	67.6	50.2	36.0	23.4	14.1	5.0	0.0
0°	67.7	50.2	36.0	23.4	14.2	5.0	0.0
-2.5°	67.6	50.2	36.0	23.4	14.1	5.0	0.0
-5°	67.3	50.1	35.9	23.4	14.1	5.0	0.0
-7.5°	66.8	49.8	35.8	23.3	13.9	5.0	0.0
-10°	66.1	49.5	35.5	23.2	13.8	4.9	0.0
-12.5°	65.2	48.9	35.1	23.0	13.6	4.9	0.0
-15°	64.2	48.3	34.7	22.7	13.4	4.8	0.0
-17.5°	62.9	47.5	34.1	22.4	13.1	4.8	0.0
-20°	61.5	46.5	33.5	22.0	12.8	4.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	59.9	45.5	32.7	21.5	12.5	4.6	0.0
-25°	58.2	44.3	31.9	21.0	12.2	4.5	0.0
-27.5°	56.3	42.9	31.0	20.4	11.8	4.4	0.0
-30°	54.2	41.3	30.0	19.8	11.4	4.3	0.0
-32.5°	52.0	39.7	28.8	19.1	11.0	4.2	0.0
-35°	49.8	37.9	27.6	18.3	10.6	4.1	0.0
-37.5°	47.5	36.0	26.2	17.5	10.1	4.0	0.0
-40°	45.0	34.3	24.8	16.6	9.6	3.8	0.0
-42.5°	42.4	32.4	23.4	15.7	9.1	3.7	0.0
-45°	39.6	30.5	22.2	14.7	8.6	3.5	0.0
-47.5°	36.7	28.4	20.8	13.7	8.0	3.4	0.0
-50°	34.1	26.3	19.5	12.8	7.4	3.2	0.0
-52.5°	31.5	24.2	18.0	12.0	6.9	3.0	0.0
-55°	28.8	22.3	16.6	11.1	6.2	2.9	0.0
-57.5°	26.1	20.5	15.1	10.2	5.6	2.7	0.0
-60°	23.3	18.7	13.6	9.2	5.0	2.5	0.0
-62.5°	21.1	16.8	12.3	8.3	4.6	2.3	0.0
-65°	18.9	14.9	11.0	7.3	4.2	2.1	0.0
-67.5°	16.7	13.0	9.6	6.2	3.8	1.9	0.0
-70°	14.4	11.2	8.2	5.2	3.4	1.7	0.0
-72.5°	12.2	9.4	6.7	4.5	3.0	1.5	0.0
-75°	9.9	7.6	5.3	3.9	2.6	1.3	0.0
-77.5°	7.6	5.7	4.3	3.2	2.2	1.1	0.0
-80°	5.3	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)