

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: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1B-935-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

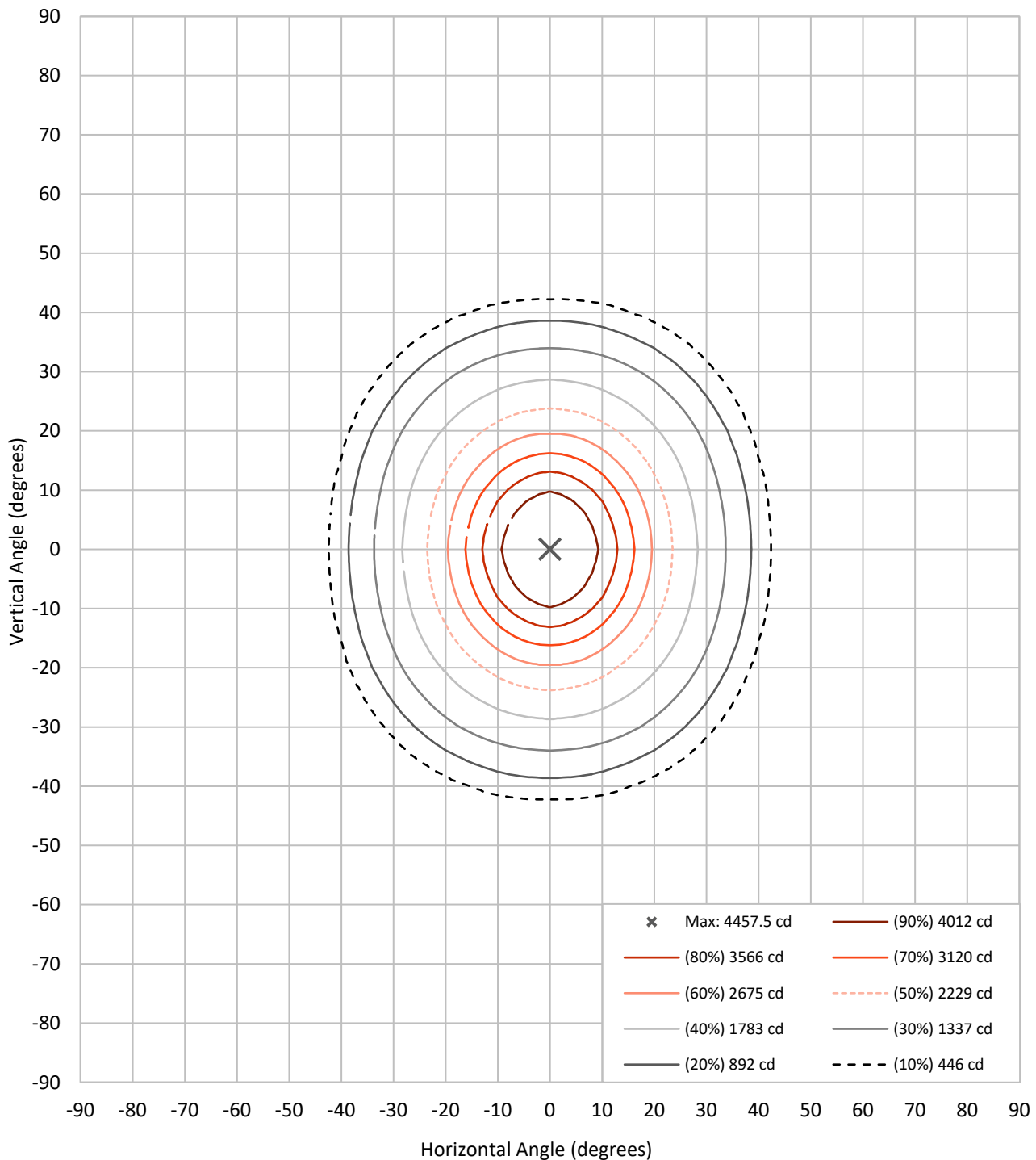
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3470 lumens	Max Intensity:	4457.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	1637.4 lumens	Field Lumens:	3150.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 33
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





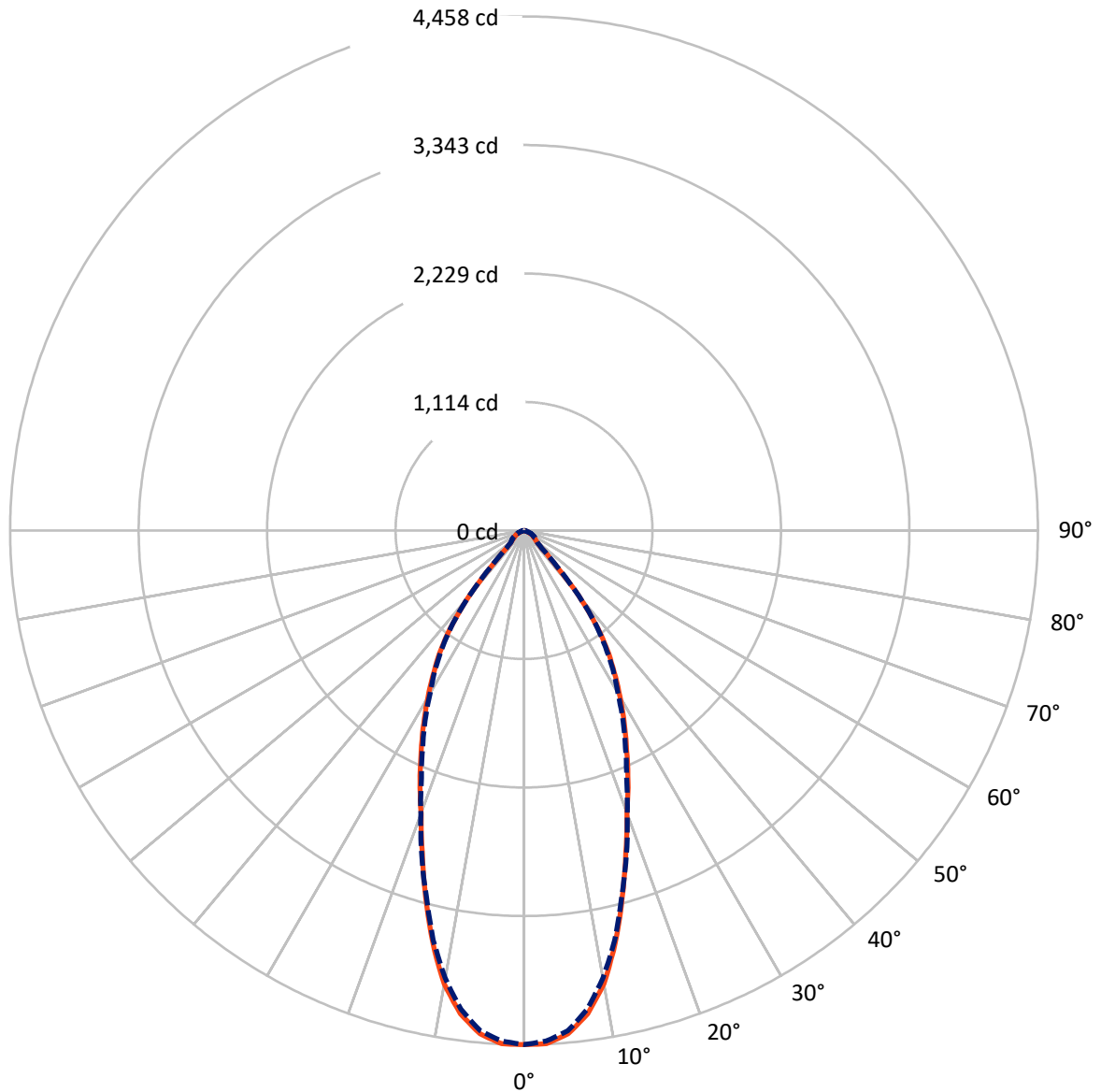
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Lumen Table

90																			
80	0.1	0.4		1.0		1.6		1.2		1.6		1.0		0.4	0.1				
70																			
60	0.2	0.3	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.3	0.2			
50		0.4	0.8	1.4	2.0	2.5	2.8	3.1	3.1	2.8	2.5	2.0	1.4	0.8	0.4				
40	0.4	0.6	1.2	2.0	2.8	3.9	6.2	8.6	8.6	6.2	3.9	2.8	2.0	1.2	0.6	0.4			
30		0.7	1.5	2.4	4.6	14.6	28.5	36.3	36.3	28.5	14.6	4.6	2.4	1.5	0.7				
20	0.4	0.8	1.7	3.0	13.4	34.9	51.6	62.4	62.4	51.6	34.9	13.4	3.0	1.7	0.8	0.4			
10		0.9	1.9	4.7	24.3	48.2	73.3	95.4	95.4	73.3	48.2	24.3	4.7	1.9	0.9				
0	0.4	0.9	2.0	6.4	29.6	56.3	92.1	124.6	124.6	92.1	56.3	29.6	6.4	2.0	0.9	0.4			
-10		0.9	2.0	6.4	29.6	56.3	92.1	124.6	124.6	92.1	56.3	29.6	6.4	2.0	0.9				
-20	0.4	0.9	1.9	4.7	24.3	48.2	73.3	95.4	95.4	73.3	48.2	24.3	4.7	1.9	0.9	0.4			
-30		0.8	1.7	3.0	13.4	34.9	51.6	62.4	62.4	51.6	34.9	13.4	3.0	1.7	0.8				
-40	0.4	0.7	1.5	2.4	4.6	14.6	28.5	36.3	36.3	28.5	14.6	4.6	2.4	1.5	0.7	0.4			
-50		0.6	1.2	2.0	2.8	3.9	6.2	8.6	8.6	6.2	3.9	2.8	2.0	1.2	0.6				
-60	0.2	0.4	0.8	1.4	2.0	2.5	2.8	3.1	3.1	2.8	2.5	2.0	1.4	0.8	0.4	0.2			
-70		0.3	0.5	0.8	1.1	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.3				
-80																			
-90	0.1	0.4		1.0		1.6		1.2		1.6		1.0		0.4	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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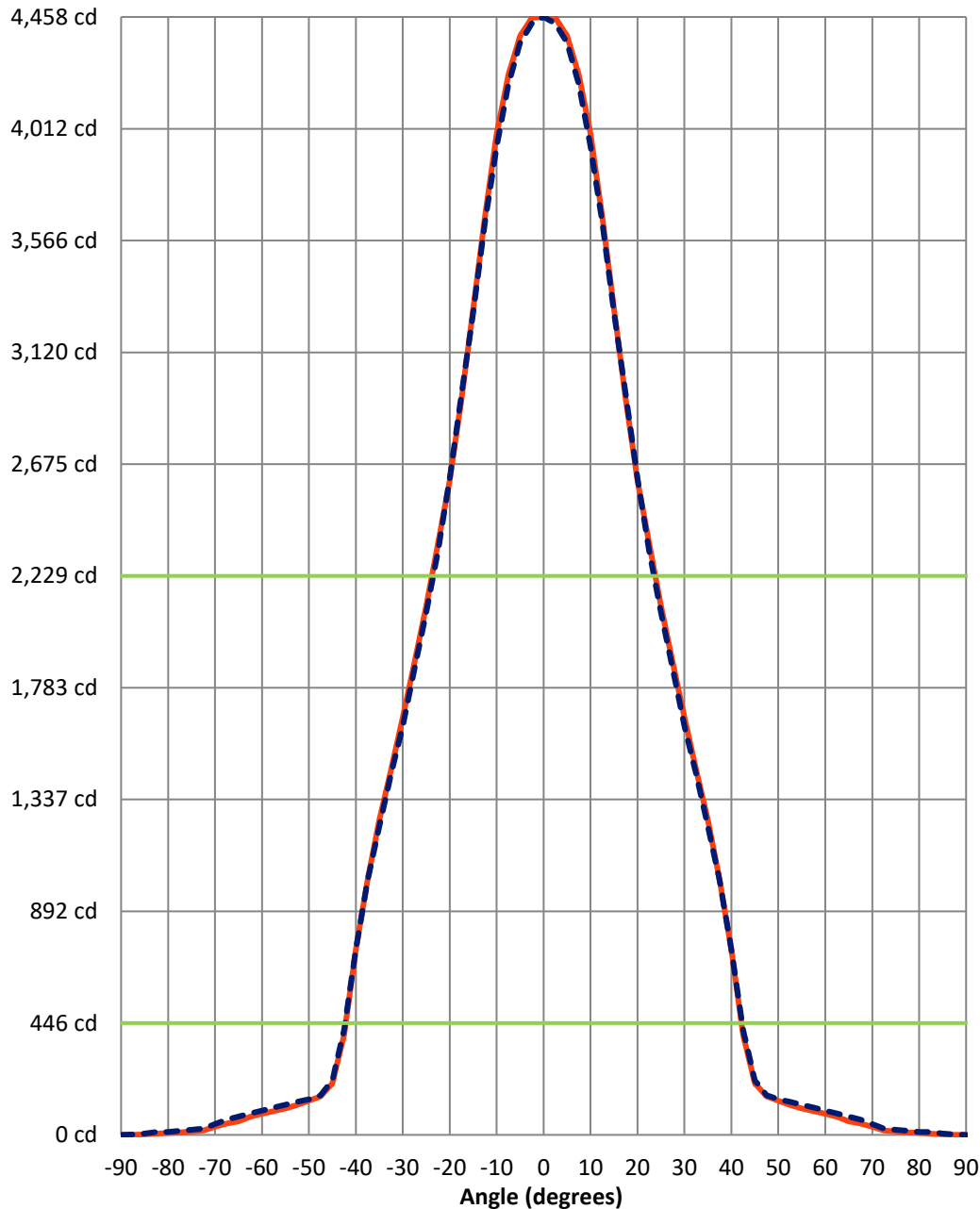
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 1637.4
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 3150.7
Efficiency: 90.8%

Spill:
Lumens: 319.2
Efficiency: 9.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.8	0.8
85°	0.0	0.1	0.3	0.5	0.7	0.9	1.2	1.3	1.5	1.6	1.7
82.5°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.3	2.7	3.1
80°	0.0	0.3	0.6	1.0	1.4	1.8	2.5	3.3	3.9	4.4	4.8
77.5°	0.0	0.4	0.7	1.2	1.7	2.5	3.9	4.9	5.6	6.1	6.6
75°	0.0	0.4	0.9	1.4	2.1	3.6	5.3	6.5	7.3	8.3	9.0
72.5°	0.0	0.5	1.0	1.6	2.9	4.7	6.6	8.2	9.5	10.5	11.3
70°	0.0	0.6	1.2	1.9	3.7	5.7	8.0	10.2	11.6	12.8	14.7
67.5°	0.0	0.7	1.3	2.4	4.4	6.7	9.6	12.2	13.8	15.7	18.1
65°	0.0	0.7	1.4	2.9	5.2	7.8	11.2	14.2	16.1	18.5	21.4
62.5°	0.0	0.8	1.6	3.4	5.8	8.9	12.6	16.0	18.2	21.1	24.4
60°	0.0	0.8	1.7	3.9	6.5	10.0	14.0	17.6	20.2	23.8	27.4
57.5°	0.0	0.9	2.0	4.4	7.3	11.0	14.9	19.0	22.5	26.5	30.0
55°	0.0	1.0	2.3	4.8	8.0	12.0	15.7	20.1	24.9	29.0	32.4
52.5°	0.0	1.0	2.6	5.2	8.7	12.8	16.4	21.5	27.2	31.1	34.7
50°	0.0	1.1	2.8	5.6	9.3	13.2	16.9	22.9	29.3	33.2	37.3
47.5°	0.0	1.1	3.1	5.9	9.9	13.6	17.4	24.1	31.1	35.3	39.8
45°	0.0	1.2	3.3	6.3	10.5	13.8	18.3	25.1	32.0	37.4	42.3
42.5°	0.0	1.3	3.5	6.7	10.9	13.9	19.0	25.9	32.7	39.5	44.8
40°	0.0	1.3	3.8	7.1	11.2	14.0	19.6	26.3	33.4	41.3	47.2
37.5°	0.0	1.3	4.0	7.5	11.2	14.0	20.1	26.6	34.0	42.3	49.5
35°	0.0	1.4	4.2	7.9	11.2	14.2	20.4	26.8	34.6	43.6	51.7
32.5°	0.0	1.4	4.3	8.3	11.1	14.4	20.6	26.9	35.1	45.3	53.7
30°	0.0	1.5	4.5	8.6	11.0	14.5	20.6	26.9	35.4	47.2	55.7
27.5°	0.0	1.5	4.7	9.0	11.1	14.6	20.4	27.0	36.1	49.4	57.7
25°	0.0	1.5	4.8	9.3	11.3	14.5	20.2	27.1	37.6	51.2	59.6
22.5°	0.0	1.6	4.9	9.6	11.4	14.6	19.9	27.1	39.1	52.6	61.9
20°	0.0	1.6	5.0	9.9	11.5	15.0	19.4	26.9	40.6	54.0	64.1
17.5°	0.0	1.6	5.1	10.2	11.5	15.3	19.5	26.7	42.1	55.3	66.0
15°	0.0	1.6	5.2	10.4	11.6	15.6	19.8	26.6	43.6	56.5	67.7
12.5°	0.0	1.7	5.3	10.7	11.6	15.8	20.0	26.7	44.6	57.5	69.1
10°	0.0	1.7	5.3	10.9	11.7	16.0	20.2	26.7	45.0	58.4	70.3
7.5°	0.0	1.7	5.4	11.1	11.7	16.2	20.3	26.5	45.1	59.2	71.4
5°	0.0	1.7	5.4	11.2	11.7	16.3	20.4	26.1	44.8	60.0	72.2
2.5°	0.0	1.7	5.4	11.3	11.7	16.4	20.4	25.6	44.1	60.5	72.7
0°	0.0	1.7	5.4	11.4	11.7	16.4	20.4	25.1	43.2	60.9	73.0
-2.5°	0.0	1.7	5.4	11.3	11.7	16.4	20.4	25.6	44.1	60.5	72.7
-5°	0.0	1.7	5.4	11.2	11.7	16.3	20.4	26.1	44.8	60.0	72.2
-7.5°	0.0	1.7	5.4	11.1	11.7	16.2	20.3	26.5	45.1	59.2	71.4
-10°	0.0	1.7	5.3	10.9	11.7	16.0	20.2	26.7	45.0	58.4	70.3
-12.5°	0.0	1.7	5.3	10.7	11.6	15.8	20.0	26.7	44.6	57.5	69.1
-15°	0.0	1.6	5.2	10.4	11.6	15.6	19.8	26.6	43.6	56.5	67.7
-17.5°	0.0	1.6	5.1	10.2	11.5	15.3	19.5	26.7	42.1	55.3	66.0
-20°	0.0	1.6	5.0	9.9	11.5	15.0	19.4	26.9	40.6	54.0	64.1



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 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.6	4.9	9.6	11.4	14.6	19.9	27.1	39.1	52.6	61.9
-25°	0.0	1.5	4.8	9.3	11.3	14.5	20.2	27.1	37.6	51.2	59.6
-27.5°	0.0	1.5	4.7	9.0	11.1	14.6	20.4	27.0	36.1	49.4	57.7
-30°	0.0	1.5	4.5	8.6	11.0	14.5	20.6	26.9	35.4	47.2	55.7
-32.5°	0.0	1.4	4.3	8.3	11.1	14.4	20.6	26.9	35.1	45.3	53.7
-35°	0.0	1.4	4.2	7.9	11.2	14.2	20.4	26.8	34.6	43.6	51.7
-37.5°	0.0	1.3	4.0	7.5	11.2	14.0	20.1	26.6	34.0	42.3	49.5
-40°	0.0	1.3	3.8	7.1	11.2	14.0	19.6	26.3	33.4	41.3	47.2
-42.5°	0.0	1.3	3.5	6.7	10.9	13.9	19.0	25.9	32.7	39.5	44.8
-45°	0.0	1.2	3.3	6.3	10.5	13.8	18.3	25.1	32.0	37.4	42.3
-47.5°	0.0	1.1	3.1	5.9	9.9	13.6	17.4	24.1	31.1	35.3	39.8
-50°	0.0	1.1	2.8	5.6	9.3	13.2	16.9	22.9	29.3	33.2	37.3
-52.5°	0.0	1.0	2.6	5.2	8.7	12.8	16.4	21.5	27.2	31.1	34.7
-55°	0.0	1.0	2.3	4.8	8.0	12.0	15.7	20.1	24.9	29.0	32.4
-57.5°	0.0	0.9	2.0	4.4	7.3	11.0	14.9	19.0	22.5	26.5	30.0
-60°	0.0	0.8	1.7	3.9	6.5	10.0	14.0	17.6	20.2	23.8	27.4
-62.5°	0.0	0.8	1.6	3.4	5.8	8.9	12.6	16.0	18.2	21.1	24.4
-65°	0.0	0.7	1.4	2.9	5.2	7.8	11.2	14.2	16.1	18.5	21.4
-67.5°	0.0	0.7	1.3	2.4	4.4	6.7	9.6	12.2	13.8	15.7	18.1
-70°	0.0	0.6	1.2	1.9	3.7	5.7	8.0	10.2	11.6	12.8	14.7
-72.5°	0.0	0.5	1.0	1.6	2.9	4.7	6.6	8.2	9.5	10.5	11.3
-75°	0.0	0.4	0.9	1.4	2.1	3.6	5.3	6.5	7.3	8.3	9.0
-77.5°	0.0	0.4	0.7	1.2	1.7	2.5	3.9	4.9	5.6	6.1	6.6
-80°	0.0	0.3	0.6	1.0	1.4	1.8	2.5	3.3	3.9	4.4	4.8
-82.5°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.3	2.7	3.1
-85°	0.0	0.1	0.3	0.5	0.7	0.9	1.2	1.3	1.5	1.6	1.7
-87.5°	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6
85°	1.7	1.7	1.8	1.9	2.0	2.0	1.9	1.8	2.1	2.4	2.7
82.5°	3.4	3.7	4.0	4.3	4.3	4.1	4.0	3.8	4.4	5.1	5.9
80°	5.2	5.7	6.4	7.0	7.2	7.1	6.9	6.5	7.3	8.5	9.9
77.5°	7.5	8.4	9.3	10.2	10.4	10.3	9.8	9.1	10.2	12.1	14.2
75°	9.9	11.1	12.5	13.7	13.9	13.6	12.9	12.3	13.5	15.9	18.2
72.5°	13.0	14.9	16.3	17.3	17.4	17.0	16.7	16.4	17.8	20.6	23.0
70°	16.9	18.8	19.9	20.5	20.6	20.9	21.8	22.7	24.1	26.5	28.5
67.5°	20.7	22.2	23.2	24.0	25.4	26.8	28.0	29.4	31.0	33.1	34.5
65°	24.1	25.7	27.0	28.7	30.8	32.5	34.3	36.2	38.3	40.2	41.7
62.5°	27.5	29.2	31.1	33.3	35.8	38.0	40.6	43.2	45.7	48.0	50.4
60°	30.3	32.5	35.0	37.8	40.7	44.1	47.2	50.2	53.1	55.8	59.2
57.5°	33.0	36.0	39.0	42.3	46.2	50.3	53.9	57.3	60.8	64.8	68.1
55°	35.8	39.5	43.0	47.0	51.6	56.5	60.6	64.4	68.7	73.4	77.1
52.5°	38.8	42.9	47.0	51.8	57.3	62.3	66.5	71.2	76.4	81.6	85.9
50°	41.7	46.3	51.0	57.1	62.6	67.4	72.5	78.2	83.7	89.0	94.1
47.5°	44.6	49.5	55.8	62.1	67.2	72.8	78.8	84.7	90.4	96.0	101.3
45°	47.5	53.3	60.3	66.3	72.0	78.3	84.6	90.7	96.8	102.7	108.4
42.5°	50.3	57.0	64.1	70.3	76.9	83.5	90.1	96.6	103.0	109.2	115.4
40°	53.3	60.4	67.9	74.6	81.5	88.5	95.3	102.2	108.9	115.6	122.2
37.5°	56.1	63.9	71.7	78.8	85.9	93.1	100.3	107.6	114.6	121.6	129.2
35°	58.6	67.5	75.3	82.7	90.2	97.5	105.2	112.8	120.3	127.8	137.4
32.5°	61.4	71.0	78.7	86.6	94.3	101.8	109.8	117.8	125.8	134.7	148.4
30°	64.5	74.0	82.0	90.3	98.1	106.1	114.3	122.7	131.1	144.8	176.5
27.5°	67.6	76.8	85.2	93.6	101.7	109.9	118.5	127.2	138.9	160.0	211.6
25°	70.5	79.4	88.1	96.7	105.0	113.6	122.4	131.5	147.4	190.0	303.8
22.5°	72.9	82.0	91.0	99.5	108.0	116.9	126.1	138.1	162.6	220.3	406.5
20°	75.0	84.4	93.6	102.4	110.8	119.8	129.4	144.4	185.8	306.7	529.5
17.5°	76.9	86.6	96.1	105.2	114.1	122.8	132.8	149.9	206.7	381.8	653.2
15°	78.6	88.6	98.3	107.9	117.0	126.2	138.0	165.3	249.0	456.4	763.4
12.5°	80.2	90.3	100.4	110.3	119.6	129.1	142.7	180.6	300.7	543.9	838.6
10°	81.6	91.8	102.2	112.5	122.0	131.7	146.6	193.2	343.3	615.8	899.1
7.5°	82.9	93.2	103.9	114.5	124.0	133.9	149.9	203.1	376.1	670.0	947.3
5°	83.9	94.6	105.9	116.6	126.6	136.4	152.6	210.1	399.2	706.5	982.4
2.5°	84.7	95.8	107.7	118.5	129.4	139.3	155.8	215.4	414.1	729.7	1004.8
0°	85.3	96.7	109.1	120.1	131.9	141.9	158.3	217.9	419.7	738.2	1013.3
-2.5°	84.7	95.8	107.7	118.5	129.4	139.3	155.8	215.4	414.1	729.7	1004.8
-5°	83.9	94.6	105.9	116.6	126.6	136.4	152.6	210.1	399.2	706.5	982.4
-7.5°	82.9	93.2	103.9	114.5	124.0	133.9	149.9	203.1	376.1	670.0	947.3
-10°	81.6	91.8	102.2	112.5	122.0	131.7	146.6	193.2	343.3	615.8	899.1
-12.5°	80.2	90.3	100.4	110.3	119.6	129.1	142.7	180.6	300.7	543.9	838.6
-15°	78.6	88.6	98.3	107.9	117.0	126.2	138.0	165.3	249.0	456.4	763.4
-17.5°	76.9	86.6	96.1	105.2	114.1	122.8	132.8	149.9	206.7	381.8	653.2
-20°	75.0	84.4	93.6	102.4	110.8	119.8	129.4	144.4	185.8	306.7	529.5



REPORT NUMBER: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	72.9	82.0	91.0	99.5	108.0	116.9	126.1	138.1	162.6	220.3	406.5
-25°	70.5	79.4	88.1	96.7	105.0	113.6	122.4	131.5	147.4	190.0	303.8
-27.5°	67.6	76.8	85.2	93.6	101.7	109.9	118.5	127.2	138.9	160.0	211.6
-30°	64.5	74.0	82.0	90.3	98.1	106.1	114.3	122.7	131.1	144.8	176.5
-32.5°	61.4	71.0	78.7	86.6	94.3	101.8	109.8	117.8	125.8	134.7	148.4
-35°	58.6	67.5	75.3	82.7	90.2	97.5	105.2	112.8	120.3	127.8	137.4
-37.5°	56.1	63.9	71.7	78.8	85.9	93.1	100.3	107.6	114.6	121.6	129.2
-40°	53.3	60.4	67.9	74.6	81.5	88.5	95.3	102.2	108.9	115.6	122.2
-42.5°	50.3	57.0	64.1	70.3	76.9	83.5	90.1	96.6	103.0	109.2	115.4
-45°	47.5	53.3	60.3	66.3	72.0	78.3	84.6	90.7	96.8	102.7	108.4
-47.5°	44.6	49.5	55.8	62.1	67.2	72.8	78.8	84.7	90.4	96.0	101.3
-50°	41.7	46.3	51.0	57.1	62.6	67.4	72.5	78.2	83.7	89.0	94.1
-52.5°	38.8	42.9	47.0	51.8	57.3	62.3	66.5	71.2	76.4	81.6	85.9
-55°	35.8	39.5	43.0	47.0	51.6	56.5	60.6	64.4	68.7	73.4	77.1
-57.5°	33.0	36.0	39.0	42.3	46.2	50.3	53.9	57.3	60.8	64.8	68.1
-60°	30.3	32.5	35.0	37.8	40.7	44.1	47.2	50.2	53.1	55.8	59.2
-62.5°	27.5	29.2	31.1	33.3	35.8	38.0	40.6	43.2	45.7	48.0	50.4
-65°	24.1	25.7	27.0	28.7	30.8	32.5	34.3	36.2	38.3	40.2	41.7
-67.5°	20.7	22.2	23.2	24.0	25.4	26.8	28.0	29.4	31.0	33.1	34.5
-70°	16.9	18.8	19.9	20.5	20.6	20.9	21.8	22.7	24.1	26.5	28.5
-72.5°	13.0	14.9	16.3	17.3	17.4	17.0	16.7	16.4	17.8	20.6	23.0
-75°	9.9	11.1	12.5	13.7	13.9	13.6	12.9	12.3	13.5	15.9	18.2
-77.5°	7.5	8.4	9.3	10.2	10.4	10.3	9.8	9.1	10.2	12.1	14.2
-80°	5.2	5.7	6.4	7.0	7.2	7.1	6.9	6.5	7.3	8.5	9.9
-82.5°	3.4	3.7	4.0	4.3	4.3	4.1	4.0	3.8	4.4	5.1	5.9
-85°	1.7	1.7	1.8	1.9	2.0	2.0	1.9	1.8	2.1	2.4	2.7
-87.5°	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6
-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: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-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°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.5
85°	3.1	3.0	2.8	2.6	2.3	2.5	2.6	2.7	2.8	2.7	2.4
82.5°	6.8	6.9	6.9	6.8	6.8	7.1	7.4	7.6	7.8	7.2	6.5
80°	11.4	11.9	12.2	12.5	12.8	12.8	12.6	12.3	11.9	10.9	9.8
77.5°	16.4	17.3	17.7	18.1	18.6	18.7	18.8	18.9	19.1	17.3	15.0
75°	20.4	21.6	22.4	23.1	23.7	24.1	24.3	24.4	24.4	22.3	19.5
72.5°	24.9	26.1	27.0	27.9	28.7	29.2	29.4	29.7	29.8	27.9	25.3
70°	29.8	30.8	31.9	32.9	33.9	34.5	35.0	35.3	35.5	35.3	35.2
67.5°	35.7	36.6	37.8	38.8	39.8	40.5	41.3	41.9	42.3	42.8	43.4
65°	43.0	45.1	46.9	47.9	48.0	49.1	50.8	51.8	52.4	52.8	53.4
62.5°	53.2	55.7	57.0	58.6	60.7	62.6	63.3	64.3	65.5	66.9	68.6
60°	61.9	64.0	66.1	68.3	70.2	71.8	73.5	75.3	76.8	78.2	79.6
57.5°	70.8	73.1	75.3	77.9	79.7	80.8	82.4	84.5	86.1	87.3	89.2
55°	80.1	83.0	86.0	88.3	90.0	91.1	92.4	94.4	95.6	96.1	98.2
52.5°	89.4	92.9	96.5	99.2	101.1	102.8	104.3	106.1	107.3	107.8	110.0
50°	98.0	102.1	106.2	109.8	112.2	115.0	118.2	119.7	120.8	121.9	124.3
47.5°	106.2	110.8	115.2	119.2	122.7	125.8	128.6	131.2	135.1	138.2	141.2
45°	114.1	119.0	123.8	128.3	132.2	138.3	144.2	149.2	162.6	173.8	182.3
42.5°	121.6	127.5	132.8	140.4	148.6	162.8	184.8	205.2	244.5	295.2	337.6
40°	129.3	137.0	146.5	161.2	189.0	217.6	303.0	379.1	453.9	539.0	612.0
37.5°	138.3	149.9	177.9	211.1	300.2	398.7	519.8	638.6	742.0	830.5	904.4
35°	150.3	186.2	238.5	359.4	491.0	652.6	792.1	903.8	1006.0	1088.0	1149.8
32.5°	185.6	251.3	389.3	555.6	736.7	892.8	1028.7	1135.6	1228.8	1302.4	1359.6
30°	237.2	388.3	575.8	774.9	955.3	1104.3	1229.9	1331.8	1415.1	1489.9	1552.7
27.5°	359.9	554.4	774.7	977.8	1141.9	1281.4	1394.0	1495.1	1586.8	1665.6	1739.8
25°	494.1	734.9	957.1	1142.0	1295.1	1426.0	1544.8	1655.3	1758.0	1850.2	1936.5
22.5°	655.3	895.4	1107.8	1279.0	1427.3	1561.8	1687.9	1810.9	1930.5	2043.0	2147.5
20°	801.3	1037.0	1222.2	1393.1	1547.2	1687.3	1826.4	1969.7	2107.7	2243.2	2369.0
17.5°	915.1	1134.3	1320.2	1493.5	1650.3	1809.1	1968.2	2132.8	2299.2	2456.5	2607.0
15°	1010.1	1215.5	1403.9	1577.1	1749.6	1924.7	2102.5	2296.4	2494.3	2682.7	2874.6
12.5°	1077.4	1283.2	1474.3	1648.0	1841.4	2031.5	2238.4	2459.5	2688.1	2907.5	3143.1
10°	1131.5	1337.3	1526.7	1714.1	1918.7	2129.5	2361.6	2605.0	2877.8	3137.6	3391.6
7.5°	1177.9	1382.4	1568.8	1767.9	1983.1	2214.7	2467.2	2742.4	3037.6	3326.7	3628.9
5°	1211.9	1413.1	1601.6	1812.1	2032.5	2277.0	2548.6	2842.6	3159.3	3476.0	3774.9
2.5°	1229.9	1430.6	1621.9	1839.5	2061.5	2314.7	2597.6	2909.3	3243.7	3589.3	3884.0
0°	1229.5	1438.0	1629.7	1858.0	2082.9	2326.2	2618.6	2951.9	3278.2	3637.3	3939.8
-2.5°	1229.9	1430.6	1621.9	1839.5	2061.5	2314.7	2597.6	2909.3	3243.7	3589.3	3884.0
-5°	1211.9	1413.1	1601.6	1812.1	2032.5	2277.0	2548.6	2842.6	3159.3	3476.0	3774.9
-7.5°	1177.9	1382.4	1568.8	1767.9	1983.1	2214.7	2467.2	2742.4	3037.6	3326.7	3628.9
-10°	1131.5	1337.3	1526.7	1714.1	1918.7	2129.5	2361.6	2605.0	2877.8	3137.6	3391.6
-12.5°	1077.4	1283.2	1474.3	1648.0	1841.4	2031.5	2238.4	2459.5	2688.1	2907.5	3143.1
-15°	1010.1	1215.5	1403.9	1577.1	1749.6	1924.7	2102.5	2296.4	2494.3	2682.7	2874.6
-17.5°	915.1	1134.3	1320.2	1493.5	1650.3	1809.1	1968.2	2132.8	2299.2	2456.5	2607.0
-20°	801.3	1037.0	1222.2	1393.1	1547.2	1687.3	1826.4	1969.7	2107.7	2243.2	2369.0



REPORT NUMBER: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	655.3	895.4	1107.8	1279.0	1427.3	1561.8	1687.9	1810.9	1930.5	2043.0	2147.5
-25°	494.1	734.9	957.1	1142.0	1295.1	1426.0	1544.8	1655.3	1758.0	1850.2	1936.5
-27.5°	359.9	554.4	774.7	977.8	1141.9	1281.4	1394.0	1495.1	1586.8	1665.6	1739.8
-30°	237.2	388.3	575.8	774.9	955.3	1104.3	1229.9	1331.8	1415.1	1489.9	1552.7
-32.5°	185.6	251.3	389.3	555.6	736.7	892.8	1028.7	1135.6	1228.8	1302.4	1359.6
-35°	150.3	186.2	238.5	359.4	491.0	652.6	792.1	903.8	1006.0	1088.0	1149.8
-37.5°	138.3	149.9	177.9	211.1	300.2	398.7	519.8	638.6	742.0	830.5	904.4
-40°	129.3	137.0	146.5	161.2	189.0	217.6	303.0	379.1	453.9	539.0	612.0
-42.5°	121.6	127.5	132.8	140.4	148.6	162.8	184.8	205.2	244.5	295.2	337.6
-45°	114.1	119.0	123.8	128.3	132.2	138.3	144.2	149.2	162.6	173.8	182.3
-47.5°	106.2	110.8	115.2	119.2	122.7	125.8	128.6	131.2	135.1	138.2	141.2
-50°	98.0	102.1	106.2	109.8	112.2	115.0	118.2	119.7	120.8	121.9	124.3
-52.5°	89.4	92.9	96.5	99.2	101.1	102.8	104.3	106.1	107.3	107.8	110.0
-55°	80.1	83.0	86.0	88.3	90.0	91.1	92.4	94.4	95.6	96.1	98.2
-57.5°	70.8	73.1	75.3	77.9	79.7	80.8	82.4	84.5	86.1	87.3	89.2
-60°	61.9	64.0	66.1	68.3	70.2	71.8	73.5	75.3	76.8	78.2	79.6
-62.5°	53.2	55.7	57.0	58.6	60.7	62.6	63.3	64.3	65.5	66.9	68.6
-65°	43.0	45.1	46.9	47.9	48.0	49.1	50.8	51.8	52.4	52.8	53.4
-67.5°	35.7	36.6	37.8	38.8	39.8	40.5	41.3	41.9	42.3	42.8	43.4
-70°	29.8	30.8	31.9	32.9	33.9	34.5	35.0	35.3	35.5	35.3	35.2
-72.5°	24.9	26.1	27.0	27.9	28.7	29.2	29.4	29.7	29.8	27.9	25.3
-75°	20.4	21.6	22.4	23.1	23.7	24.1	24.3	24.4	24.4	22.3	19.5
-77.5°	16.4	17.3	17.7	18.1	18.6	18.7	18.8	18.9	19.1	17.3	15.0
-80°	11.4	11.9	12.2	12.5	12.8	12.8	12.6	12.3	11.9	10.9	9.8
-82.5°	6.8	6.9	6.9	6.8	6.8	7.1	7.4	7.6	7.8	7.2	6.5
-85°	3.1	3.0	2.8	2.6	2.3	2.5	2.6	2.7	2.8	2.7	2.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.5
-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: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-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°	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.7	0.7
85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.7	2.8	2.7
82.5°	5.8	5.0	5.0	5.0	5.0	5.0	5.8	6.5	7.2	7.8	7.6
80°	8.6	7.4	7.5	7.7	7.5	7.4	8.6	9.8	10.9	11.9	12.3
77.5°	12.6	10.1	10.0	10.0	10.0	10.1	12.6	15.0	17.3	19.1	18.9
75°	16.7	13.8	13.7	13.7	13.7	13.8	16.7	19.5	22.3	24.4	24.4
72.5°	22.6	19.8	18.6	17.4	18.6	19.8	22.6	25.3	27.9	29.8	29.7
70°	35.3	35.3	34.1	32.5	34.1	35.3	35.3	35.2	35.3	35.5	35.3
67.5°	43.8	44.2	44.7	45.2	44.7	44.2	43.8	43.4	42.8	42.3	41.9
65°	53.6	53.6	53.8	53.9	53.8	53.6	53.6	53.4	52.8	52.4	51.8
62.5°	69.9	71.1	71.9	72.3	71.9	71.1	69.9	68.6	66.9	65.5	64.3
60°	80.8	81.7	83.0	84.3	83.0	81.7	80.8	79.6	78.2	76.8	75.3
57.5°	91.0	92.5	93.8	94.7	93.8	92.5	91.0	89.2	87.3	86.1	84.5
55°	100.3	102.1	103.8	105.4	103.8	102.1	100.3	98.2	96.1	95.6	94.4
52.5°	112.0	113.5	116.0	119.1	116.0	113.5	112.0	110.0	107.8	107.3	106.1
50°	127.0	129.2	132.4	136.2	132.4	129.2	127.0	124.3	121.9	120.8	119.7
47.5°	144.3	146.6	149.6	153.6	149.6	146.6	144.3	141.2	138.2	135.1	131.2
45°	190.2	195.5	200.4	205.8	200.4	195.5	190.2	182.3	173.8	162.6	149.2
42.5°	371.6	395.0	405.2	399.2	405.2	395.0	371.6	337.6	295.2	244.5	205.2
40°	667.6	706.6	729.6	737.6	729.6	706.6	667.6	612.0	539.0	453.9	379.1
37.5°	958.4	994.3	1013.7	1016.0	1013.7	994.3	958.4	904.4	830.5	742.0	638.6
35°	1194.3	1223.9	1241.5	1254.6	1241.5	1223.9	1194.3	1149.8	1088.0	1006.0	903.8
32.5°	1406.2	1439.9	1459.4	1455.1	1459.4	1439.9	1406.2	1359.6	1302.4	1228.8	1135.6
30°	1604.1	1641.0	1663.9	1664.5	1663.9	1641.0	1604.1	1552.7	1489.9	1415.1	1331.8
27.5°	1799.8	1841.2	1865.1	1883.7	1865.1	1841.2	1799.8	1739.8	1665.6	1586.8	1495.1
25°	2008.5	2060.1	2090.8	2109.3	2090.8	2060.1	2008.5	1936.5	1850.2	1758.0	1655.3
22.5°	2233.6	2297.5	2339.5	2356.9	2339.5	2297.5	2233.6	2147.5	2043.0	1930.5	1810.9
20°	2478.4	2557.6	2611.2	2609.6	2611.2	2557.6	2478.4	2369.0	2243.2	2107.7	1969.7
17.5°	2751.6	2853.8	2922.9	2932.9	2922.9	2853.8	2751.6	2607.0	2456.5	2299.2	2132.8
15°	3044.4	3176.2	3265.6	3293.3	3265.6	3176.2	3044.4	2874.6	2682.7	2494.3	2296.4
12.5°	3344.6	3501.2	3620.5	3660.1	3620.5	3501.2	3344.6	3143.1	2907.5	2688.1	2459.5
10°	3630.5	3804.1	3933.4	3990.7	3933.4	3804.1	3630.5	3391.6	3137.6	2877.8	2605.0
7.5°	3869.6	4045.9	4179.1	4226.3	4179.1	4045.9	3869.6	3628.9	3326.7	3037.6	2742.4
5°	4027.0	4219.7	4323.3	4381.6	4323.3	4219.7	4027.0	3774.9	3476.0	3159.3	2842.6
2.5°	4132.3	4295.6	4400.6	4454.2	4400.6	4295.6	4132.3	3884.0	3589.3	3243.7	2909.3
0°	4188.1	4354.5	4431.4	4457.5	4431.4	4354.5	4188.1	3939.8	3637.3	3278.2	2951.9
-2.5°	4132.3	4295.6	4400.6	4454.2	4400.6	4295.6	4132.3	3884.0	3589.3	3243.7	2909.3
-5°	4027.0	4219.7	4323.3	4381.6	4323.3	4219.7	4027.0	3774.9	3476.0	3159.3	2842.6
-7.5°	3869.6	4045.9	4179.1	4226.3	4179.1	4045.9	3869.6	3628.9	3326.7	3037.6	2742.4
-10°	3630.5	3804.1	3933.4	3990.7	3933.4	3804.1	3630.5	3391.6	3137.6	2877.8	2605.0
-12.5°	3344.6	3501.2	3620.5	3660.1	3620.5	3501.2	3344.6	3143.1	2907.5	2688.1	2459.5
-15°	3044.4	3176.2	3265.6	3293.3	3265.6	3176.2	3044.4	2874.6	2682.7	2494.3	2296.4
-17.5°	2751.6	2853.8	2922.9	2932.9	2922.9	2853.8	2751.6	2607.0	2456.5	2299.2	2132.8
-20°	2478.4	2557.6	2611.2	2609.6	2611.2	2557.6	2478.4	2369.0	2243.2	2107.7	1969.7



REPORT NUMBER: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2233.6	2297.5	2339.5	2356.9	2339.5	2297.5	2233.6	2147.5	2043.0	1930.5	1810.9
-25°	2008.5	2060.1	2090.8	2109.3	2090.8	2060.1	2008.5	1936.5	1850.2	1758.0	1655.3
-27.5°	1799.8	1841.2	1865.1	1883.7	1865.1	1841.2	1799.8	1739.8	1665.6	1586.8	1495.1
-30°	1604.1	1641.0	1663.9	1664.5	1663.9	1641.0	1604.1	1552.7	1489.9	1415.1	1331.8
-32.5°	1406.2	1439.9	1459.4	1455.1	1459.4	1439.9	1406.2	1359.6	1302.4	1228.8	1135.6
-35°	1194.3	1223.9	1241.5	1254.6	1241.5	1223.9	1194.3	1149.8	1088.0	1006.0	903.8
-37.5°	958.4	994.3	1013.7	1016.0	1013.7	994.3	958.4	904.4	830.5	742.0	638.6
-40°	667.6	706.6	729.6	737.6	729.6	706.6	667.6	612.0	539.0	453.9	379.1
-42.5°	371.6	395.0	405.2	399.2	405.2	395.0	371.6	337.6	295.2	244.5	205.2
-45°	190.2	195.5	200.4	205.8	200.4	195.5	190.2	182.3	173.8	162.6	149.2
-47.5°	144.3	146.6	149.6	153.6	149.6	146.6	144.3	141.2	138.2	135.1	131.2
-50°	127.0	129.2	132.4	136.2	132.4	129.2	127.0	124.3	121.9	120.8	119.7
-52.5°	112.0	113.5	116.0	119.1	116.0	113.5	112.0	110.0	107.8	107.3	106.1
-55°	100.3	102.1	103.8	105.4	103.8	102.1	100.3	98.2	96.1	95.6	94.4
-57.5°	91.0	92.5	93.8	94.7	93.8	92.5	91.0	89.2	87.3	86.1	84.5
-60°	80.8	81.7	83.0	84.3	83.0	81.7	80.8	79.6	78.2	76.8	75.3
-62.5°	69.9	71.1	71.9	72.3	71.9	71.1	69.9	68.6	66.9	65.5	64.3
-65°	53.6	53.6	53.8	53.9	53.8	53.6	53.6	53.4	52.8	52.4	51.8
-67.5°	43.8	44.2	44.7	45.2	44.7	44.2	43.8	43.4	42.8	42.3	41.9
-70°	35.3	35.3	34.1	32.5	34.1	35.3	35.3	35.2	35.3	35.5	35.3
-72.5°	22.6	19.8	18.6	17.4	18.6	19.8	22.6	25.3	27.9	29.8	29.7
-75°	16.7	13.8	13.7	13.7	13.7	13.8	16.7	19.5	22.3	24.4	24.4
-77.5°	12.6	10.1	10.0	10.0	10.0	10.1	12.6	15.0	17.3	19.1	18.9
-80°	8.6	7.4	7.5	7.7	7.5	7.4	8.6	9.8	10.9	11.9	12.3
-82.5°	5.8	5.0	5.0	5.0	5.0	5.0	5.8	6.5	7.2	7.8	7.6
-85°	2.2	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.7	2.8	2.7
-87.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.6	0.7	0.7
-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: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	2.6	2.5	2.3	2.6	2.8	3.0	3.1	2.7	2.4	2.1	1.8
82.5°	7.4	7.1	6.8	6.8	6.9	6.9	6.8	5.9	5.1	4.4	3.8
80°	12.6	12.8	12.8	12.5	12.2	11.9	11.4	9.9	8.5	7.3	6.5
77.5°	18.8	18.7	18.6	18.1	17.7	17.3	16.4	14.2	12.1	10.2	9.1
75°	24.3	24.1	23.7	23.1	22.4	21.6	20.4	18.2	15.9	13.5	12.3
72.5°	29.4	29.2	28.7	27.9	27.0	26.1	24.9	23.0	20.6	17.8	16.4
70°	35.0	34.5	33.9	32.9	31.9	30.8	29.8	28.5	26.5	24.1	22.7
67.5°	41.3	40.5	39.8	38.8	37.8	36.6	35.7	34.5	33.1	31.0	29.4
65°	50.8	49.1	48.0	47.9	46.9	45.1	43.0	41.7	40.2	38.3	36.2
62.5°	63.3	62.6	60.7	58.6	57.0	55.7	53.2	50.4	48.0	45.7	43.2
60°	73.5	71.8	70.2	68.3	66.1	64.0	61.9	59.2	55.8	53.1	50.2
57.5°	82.4	80.8	79.7	77.9	75.3	73.1	70.8	68.1	64.8	60.8	57.3
55°	92.4	91.1	90.0	88.3	86.0	83.0	80.1	77.1	73.4	68.7	64.4
52.5°	104.3	102.8	101.1	99.2	96.5	92.9	89.4	85.9	81.6	76.4	71.2
50°	118.2	115.0	112.2	109.8	106.2	102.1	98.0	94.1	89.0	83.7	78.2
47.5°	128.6	125.8	122.7	119.2	115.2	110.8	106.2	101.3	96.0	90.4	84.7
45°	144.2	138.3	132.2	128.3	123.8	119.0	114.1	108.4	102.7	96.8	90.7
42.5°	184.8	162.8	148.6	140.4	132.8	127.5	121.6	115.4	109.2	103.0	96.6
40°	303.0	217.6	189.0	161.2	146.5	137.0	129.3	122.2	115.6	108.9	102.2
37.5°	519.8	398.7	300.2	211.1	177.9	149.9	138.3	129.2	121.6	114.6	107.6
35°	792.1	652.6	491.0	359.4	238.5	186.2	150.3	137.4	127.8	120.3	112.8
32.5°	1028.7	892.8	736.7	555.6	389.3	251.3	185.6	148.4	134.7	125.8	117.8
30°	1229.9	1104.3	955.3	774.9	575.8	388.3	237.2	176.5	144.8	131.1	122.7
27.5°	1394.0	1281.4	1141.9	977.8	774.7	554.4	359.9	211.6	160.0	138.9	127.2
25°	1544.8	1426.0	1295.1	1142.0	957.1	734.9	494.1	303.8	190.0	147.4	131.5
22.5°	1687.9	1561.8	1427.3	1279.0	1107.8	895.4	655.3	406.5	220.3	162.6	138.1
20°	1826.4	1687.3	1547.2	1393.1	1222.2	1037.0	801.3	529.5	306.7	185.8	144.4
17.5°	1968.2	1809.1	1650.3	1493.5	1320.2	1134.3	915.1	653.2	381.8	206.7	149.9
15°	2102.5	1924.7	1749.6	1577.1	1403.9	1215.5	1010.1	763.4	456.4	249.0	165.3
12.5°	2238.4	2031.5	1841.4	1648.0	1474.3	1283.2	1077.4	838.6	543.9	300.7	180.6
10°	2361.6	2129.5	1918.7	1714.1	1526.7	1337.3	1131.5	899.1	615.8	343.3	193.2
7.5°	2467.2	2214.7	1983.1	1767.9	1568.8	1382.4	1177.9	947.3	670.0	376.1	203.1
5°	2548.6	2277.0	2032.5	1812.1	1601.6	1413.1	1211.9	982.4	706.5	399.2	210.1
2.5°	2597.6	2314.7	2061.5	1839.5	1621.9	1430.6	1229.9	1004.8	729.7	414.1	215.4
0°	2618.6	2326.2	2082.9	1858.0	1629.7	1438.0	1229.5	1013.3	738.2	419.7	217.9
-2.5°	2597.6	2314.7	2061.5	1839.5	1621.9	1430.6	1229.9	1004.8	729.7	414.1	215.4
-5°	2548.6	2277.0	2032.5	1812.1	1601.6	1413.1	1211.9	982.4	706.5	399.2	210.1
-7.5°	2467.2	2214.7	1983.1	1767.9	1568.8	1382.4	1177.9	947.3	670.0	376.1	203.1
-10°	2361.6	2129.5	1918.7	1714.1	1526.7	1337.3	1131.5	899.1	615.8	343.3	193.2
-12.5°	2238.4	2031.5	1841.4	1648.0	1474.3	1283.2	1077.4	838.6	543.9	300.7	180.6
-15°	2102.5	1924.7	1749.6	1577.1	1403.9	1215.5	1010.1	763.4	456.4	249.0	165.3
-17.5°	1968.2	1809.1	1650.3	1493.5	1320.2	1134.3	915.1	653.2	381.8	206.7	149.9
-20°	1826.4	1687.3	1547.2	1393.1	1222.2	1037.0	801.3	529.5	306.7	185.8	144.4



REPORT NUMBER: P558509 (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°	1687.9	1561.8	1427.3	1279.0	1107.8	895.4	655.3	406.5	220.3	162.6	138.1
-25°	1544.8	1426.0	1295.1	1142.0	957.1	734.9	494.1	303.8	190.0	147.4	131.5
-27.5°	1394.0	1281.4	1141.9	977.8	774.7	554.4	359.9	211.6	160.0	138.9	127.2
-30°	1229.9	1104.3	955.3	774.9	575.8	388.3	237.2	176.5	144.8	131.1	122.7
-32.5°	1028.7	892.8	736.7	555.6	389.3	251.3	185.6	148.4	134.7	125.8	117.8
-35°	792.1	652.6	491.0	359.4	238.5	186.2	150.3	137.4	127.8	120.3	112.8
-37.5°	519.8	398.7	300.2	211.1	177.9	149.9	138.3	129.2	121.6	114.6	107.6
-40°	303.0	217.6	189.0	161.2	146.5	137.0	129.3	122.2	115.6	108.9	102.2
-42.5°	184.8	162.8	148.6	140.4	132.8	127.5	121.6	115.4	109.2	103.0	96.6
-45°	144.2	138.3	132.2	128.3	123.8	119.0	114.1	108.4	102.7	96.8	90.7
-47.5°	128.6	125.8	122.7	119.2	115.2	110.8	106.2	101.3	96.0	90.4	84.7
-50°	118.2	115.0	112.2	109.8	106.2	102.1	98.0	94.1	89.0	83.7	78.2
-52.5°	104.3	102.8	101.1	99.2	96.5	92.9	89.4	85.9	81.6	76.4	71.2
-55°	92.4	91.1	90.0	88.3	86.0	83.0	80.1	77.1	73.4	68.7	64.4
-57.5°	82.4	80.8	79.7	77.9	75.3	73.1	70.8	68.1	64.8	60.8	57.3
-60°	73.5	71.8	70.2	68.3	66.1	64.0	61.9	59.2	55.8	53.1	50.2
-62.5°	63.3	62.6	60.7	58.6	57.0	55.7	53.2	50.4	48.0	45.7	43.2
-65°	50.8	49.1	48.0	47.9	46.9	45.1	43.0	41.7	40.2	38.3	36.2
-67.5°	41.3	40.5	39.8	38.8	37.8	36.6	35.7	34.5	33.1	31.0	29.4
-70°	35.0	34.5	33.9	32.9	31.9	30.8	29.8	28.5	26.5	24.1	22.7
-72.5°	29.4	29.2	28.7	27.9	27.0	26.1	24.9	23.0	20.6	17.8	16.4
-75°	24.3	24.1	23.7	23.1	22.4	21.6	20.4	18.2	15.9	13.5	12.3
-77.5°	18.8	18.7	18.6	18.1	17.7	17.3	16.4	14.2	12.1	10.2	9.1
-80°	12.6	12.8	12.8	12.5	12.2	11.9	11.4	9.9	8.5	7.3	6.5
-82.5°	7.4	7.1	6.8	6.8	6.9	6.9	6.8	5.9	5.1	4.4	3.8
-85°	2.6	2.5	2.3	2.6	2.8	3.0	3.1	2.7	2.4	2.1	1.8
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-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: P558509 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
85°	1.9	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.3
82.5°	4.0	4.1	4.3	4.3	4.0	3.7	3.4	3.1	2.7	2.3	2.0
80°	6.9	7.1	7.2	7.0	6.4	5.7	5.2	4.8	4.4	3.9	3.3
77.5°	9.8	10.3	10.4	10.2	9.3	8.4	7.5	6.6	6.1	5.6	4.9
75°	12.9	13.6	13.9	13.7	12.5	11.1	9.9	9.0	8.3	7.3	6.5
72.5°	16.7	17.0	17.4	17.3	16.3	14.9	13.0	11.3	10.5	9.5	8.2
70°	21.8	20.9	20.6	20.5	19.9	18.8	16.9	14.7	12.8	11.6	10.2
67.5°	28.0	26.8	25.4	24.0	23.2	22.2	20.7	18.1	15.7	13.8	12.2
65°	34.3	32.5	30.8	28.7	27.0	25.7	24.1	21.4	18.5	16.1	14.2
62.5°	40.6	38.0	35.8	33.3	31.1	29.2	27.5	24.4	21.1	18.2	16.0
60°	47.2	44.1	40.7	37.8	35.0	32.5	30.3	27.4	23.8	20.2	17.6
57.5°	53.9	50.3	46.2	42.3	39.0	36.0	33.0	30.0	26.5	22.5	19.0
55°	60.6	56.5	51.6	47.0	43.0	39.5	35.8	32.4	29.0	24.9	20.1
52.5°	66.5	62.3	57.3	51.8	47.0	42.9	38.8	34.7	31.1	27.2	21.5
50°	72.5	67.4	62.6	57.1	51.0	46.3	41.7	37.3	33.2	29.3	22.9
47.5°	78.8	72.8	67.2	62.1	55.8	49.5	44.6	39.8	35.3	31.1	24.1
45°	84.6	78.3	72.0	66.3	60.3	53.3	47.5	42.3	37.4	32.0	25.1
42.5°	90.1	83.5	76.9	70.3	64.1	57.0	50.3	44.8	39.5	32.7	25.9
40°	95.3	88.5	81.5	74.6	67.9	60.4	53.3	47.2	41.3	33.4	26.3
37.5°	100.3	93.1	85.9	78.8	71.7	63.9	56.1	49.5	42.3	34.0	26.6
35°	105.2	97.5	90.2	82.7	75.3	67.5	58.6	51.7	43.6	34.6	26.8
32.5°	109.8	101.8	94.3	86.6	78.7	71.0	61.4	53.7	45.3	35.1	26.9
30°	114.3	106.1	98.1	90.3	82.0	74.0	64.5	55.7	47.2	35.4	26.9
27.5°	118.5	109.9	101.7	93.6	85.2	76.8	67.6	57.7	49.4	36.1	27.0
25°	122.4	113.6	105.0	96.7	88.1	79.4	70.5	59.6	51.2	37.6	27.1
22.5°	126.1	116.9	108.0	99.5	91.0	82.0	72.9	61.9	52.6	39.1	27.1
20°	129.4	119.8	110.8	102.4	93.6	84.4	75.0	64.1	54.0	40.6	26.9
17.5°	132.8	122.8	114.1	105.2	96.1	86.6	76.9	66.0	55.3	42.1	26.7
15°	138.0	126.2	117.0	107.9	98.3	88.6	78.6	67.7	56.5	43.6	26.6
12.5°	142.7	129.1	119.6	110.3	100.4	90.3	80.2	69.1	57.5	44.6	26.7
10°	146.6	131.7	122.0	112.5	102.2	91.8	81.6	70.3	58.4	45.0	26.7
7.5°	149.9	133.9	124.0	114.5	103.9	93.2	82.9	71.4	59.2	45.1	26.5
5°	152.6	136.4	126.6	116.6	105.9	94.6	83.9	72.2	60.0	44.8	26.1
2.5°	155.8	139.3	129.4	118.5	107.7	95.8	84.7	72.7	60.5	44.1	25.6
0°	158.3	141.9	131.9	120.1	109.1	96.7	85.3	73.0	60.9	43.2	25.1
-2.5°	155.8	139.3	129.4	118.5	107.7	95.8	84.7	72.7	60.5	44.1	25.6
-5°	152.6	136.4	126.6	116.6	105.9	94.6	83.9	72.2	60.0	44.8	26.1
-7.5°	149.9	133.9	124.0	114.5	103.9	93.2	82.9	71.4	59.2	45.1	26.5
-10°	146.6	131.7	122.0	112.5	102.2	91.8	81.6	70.3	58.4	45.0	26.7
-12.5°	142.7	129.1	119.6	110.3	100.4	90.3	80.2	69.1	57.5	44.6	26.7
-15°	138.0	126.2	117.0	107.9	98.3	88.6	78.6	67.7	56.5	43.6	26.6
-17.5°	132.8	122.8	114.1	105.2	96.1	86.6	76.9	66.0	55.3	42.1	26.7
-20°	129.4	119.8	110.8	102.4	93.6	84.4	75.0	64.1	54.0	40.6	26.9



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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°	126.1	116.9	108.0	99.5	91.0	82.0	72.9	61.9	52.6	39.1	27.1
-25°	122.4	113.6	105.0	96.7	88.1	79.4	70.5	59.6	51.2	37.6	27.1
-27.5°	118.5	109.9	101.7	93.6	85.2	76.8	67.6	57.7	49.4	36.1	27.0
-30°	114.3	106.1	98.1	90.3	82.0	74.0	64.5	55.7	47.2	35.4	26.9
-32.5°	109.8	101.8	94.3	86.6	78.7	71.0	61.4	53.7	45.3	35.1	26.9
-35°	105.2	97.5	90.2	82.7	75.3	67.5	58.6	51.7	43.6	34.6	26.8
-37.5°	100.3	93.1	85.9	78.8	71.7	63.9	56.1	49.5	42.3	34.0	26.6
-40°	95.3	88.5	81.5	74.6	67.9	60.4	53.3	47.2	41.3	33.4	26.3
-42.5°	90.1	83.5	76.9	70.3	64.1	57.0	50.3	44.8	39.5	32.7	25.9
-45°	84.6	78.3	72.0	66.3	60.3	53.3	47.5	42.3	37.4	32.0	25.1
-47.5°	78.8	72.8	67.2	62.1	55.8	49.5	44.6	39.8	35.3	31.1	24.1
-50°	72.5	67.4	62.6	57.1	51.0	46.3	41.7	37.3	33.2	29.3	22.9
-52.5°	66.5	62.3	57.3	51.8	47.0	42.9	38.8	34.7	31.1	27.2	21.5
-55°	60.6	56.5	51.6	47.0	43.0	39.5	35.8	32.4	29.0	24.9	20.1
-57.5°	53.9	50.3	46.2	42.3	39.0	36.0	33.0	30.0	26.5	22.5	19.0
-60°	47.2	44.1	40.7	37.8	35.0	32.5	30.3	27.4	23.8	20.2	17.6
-62.5°	40.6	38.0	35.8	33.3	31.1	29.2	27.5	24.4	21.1	18.2	16.0
-65°	34.3	32.5	30.8	28.7	27.0	25.7	24.1	21.4	18.5	16.1	14.2
-67.5°	28.0	26.8	25.4	24.0	23.2	22.2	20.7	18.1	15.7	13.8	12.2
-70°	21.8	20.9	20.6	20.5	19.9	18.8	16.9	14.7	12.8	11.6	10.2
-72.5°	16.7	17.0	17.4	17.3	16.3	14.9	13.0	11.3	10.5	9.5	8.2
-75°	12.9	13.6	13.9	13.7	12.5	11.1	9.9	9.0	8.3	7.3	6.5
-77.5°	9.8	10.3	10.4	10.2	9.3	8.4	7.5	6.6	6.1	5.6	4.9
-80°	6.9	7.1	7.2	7.0	6.4	5.7	5.2	4.8	4.4	3.9	3.3
-82.5°	4.0	4.1	4.3	4.3	4.0	3.7	3.4	3.1	2.7	2.3	2.0
-85°	1.9	2.0	2.0	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.3
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.7
-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):

	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°	0.6	0.5	0.3	0.2	0.1	0.1	0.0
85°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
82.5°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
80°	2.5	1.8	1.4	1.0	0.6	0.3	0.0
77.5°	3.9	2.5	1.7	1.2	0.7	0.4	0.0
75°	5.3	3.6	2.1	1.4	0.9	0.4	0.0
72.5°	6.6	4.7	2.9	1.6	1.0	0.5	0.0
70°	8.0	5.7	3.7	1.9	1.2	0.6	0.0
67.5°	9.6	6.7	4.4	2.4	1.3	0.7	0.0
65°	11.2	7.8	5.2	2.9	1.4	0.7	0.0
62.5°	12.6	8.9	5.8	3.4	1.6	0.8	0.0
60°	14.0	10.0	6.5	3.9	1.7	0.8	0.0
57.5°	14.9	11.0	7.3	4.4	2.0	0.9	0.0
55°	15.7	12.0	8.0	4.8	2.3	1.0	0.0
52.5°	16.4	12.8	8.7	5.2	2.6	1.0	0.0
50°	16.9	13.2	9.3	5.6	2.8	1.1	0.0
47.5°	17.4	13.6	9.9	5.9	3.1	1.1	0.0
45°	18.3	13.8	10.5	6.3	3.3	1.2	0.0
42.5°	19.0	13.9	10.9	6.7	3.5	1.3	0.0
40°	19.6	14.0	11.2	7.1	3.8	1.3	0.0
37.5°	20.1	14.0	11.2	7.5	4.0	1.3	0.0
35°	20.4	14.2	11.2	7.9	4.2	1.4	0.0
32.5°	20.6	14.4	11.1	8.3	4.3	1.4	0.0
30°	20.6	14.5	11.0	8.6	4.5	1.5	0.0
27.5°	20.4	14.6	11.1	9.0	4.7	1.5	0.0
25°	20.2	14.5	11.3	9.3	4.8	1.5	0.0
22.5°	19.9	14.6	11.4	9.6	4.9	1.6	0.0
20°	19.4	15.0	11.5	9.9	5.0	1.6	0.0
17.5°	19.5	15.3	11.5	10.2	5.1	1.6	0.0
15°	19.8	15.6	11.6	10.4	5.2	1.6	0.0
12.5°	20.0	15.8	11.6	10.7	5.3	1.7	0.0
10°	20.2	16.0	11.7	10.9	5.3	1.7	0.0
7.5°	20.3	16.2	11.7	11.1	5.4	1.7	0.0
5°	20.4	16.3	11.7	11.2	5.4	1.7	0.0
2.5°	20.4	16.4	11.7	11.3	5.4	1.7	0.0
0°	20.4	16.4	11.7	11.4	5.4	1.7	0.0
-2.5°	20.4	16.4	11.7	11.3	5.4	1.7	0.0
-5°	20.4	16.3	11.7	11.2	5.4	1.7	0.0
-7.5°	20.3	16.2	11.7	11.1	5.4	1.7	0.0
-10°	20.2	16.0	11.7	10.9	5.3	1.7	0.0
-12.5°	20.0	15.8	11.6	10.7	5.3	1.7	0.0
-15°	19.8	15.6	11.6	10.4	5.2	1.6	0.0
-17.5°	19.5	15.3	11.5	10.2	5.1	1.6	0.0
-20°	19.4	15.0	11.5	9.9	5.0	1.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.9	14.6	11.4	9.6	4.9	1.6	0.0
-25°	20.2	14.5	11.3	9.3	4.8	1.5	0.0
-27.5°	20.4	14.6	11.1	9.0	4.7	1.5	0.0
-30°	20.6	14.5	11.0	8.6	4.5	1.5	0.0
-32.5°	20.6	14.4	11.1	8.3	4.3	1.4	0.0
-35°	20.4	14.2	11.2	7.9	4.2	1.4	0.0
-37.5°	20.1	14.0	11.2	7.5	4.0	1.3	0.0
-40°	19.6	14.0	11.2	7.1	3.8	1.3	0.0
-42.5°	19.0	13.9	10.9	6.7	3.5	1.3	0.0
-45°	18.3	13.8	10.5	6.3	3.3	1.2	0.0
-47.5°	17.4	13.6	9.9	5.9	3.1	1.1	0.0
-50°	16.9	13.2	9.3	5.6	2.8	1.1	0.0
-52.5°	16.4	12.8	8.7	5.2	2.6	1.0	0.0
-55°	15.7	12.0	8.0	4.8	2.3	1.0	0.0
-57.5°	14.9	11.0	7.3	4.4	2.0	0.9	0.0
-60°	14.0	10.0	6.5	3.9	1.7	0.8	0.0
-62.5°	12.6	8.9	5.8	3.4	1.6	0.8	0.0
-65°	11.2	7.8	5.2	2.9	1.4	0.7	0.0
-67.5°	9.6	6.7	4.4	2.4	1.3	0.7	0.0
-70°	8.0	5.7	3.7	1.9	1.2	0.6	0.0
-72.5°	6.6	4.7	2.9	1.6	1.0	0.5	0.0
-75°	5.3	3.6	2.1	1.4	0.9	0.4	0.0
-77.5°	3.9	2.5	1.7	1.2	0.7	0.4	0.0
-80°	2.5	1.8	1.4	1.0	0.6	0.3	0.0
-82.5°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
-85°	1.2	0.9	0.7	0.5	0.3	0.1	0.0
-87.5°	0.6	0.5	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)