

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: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-940-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

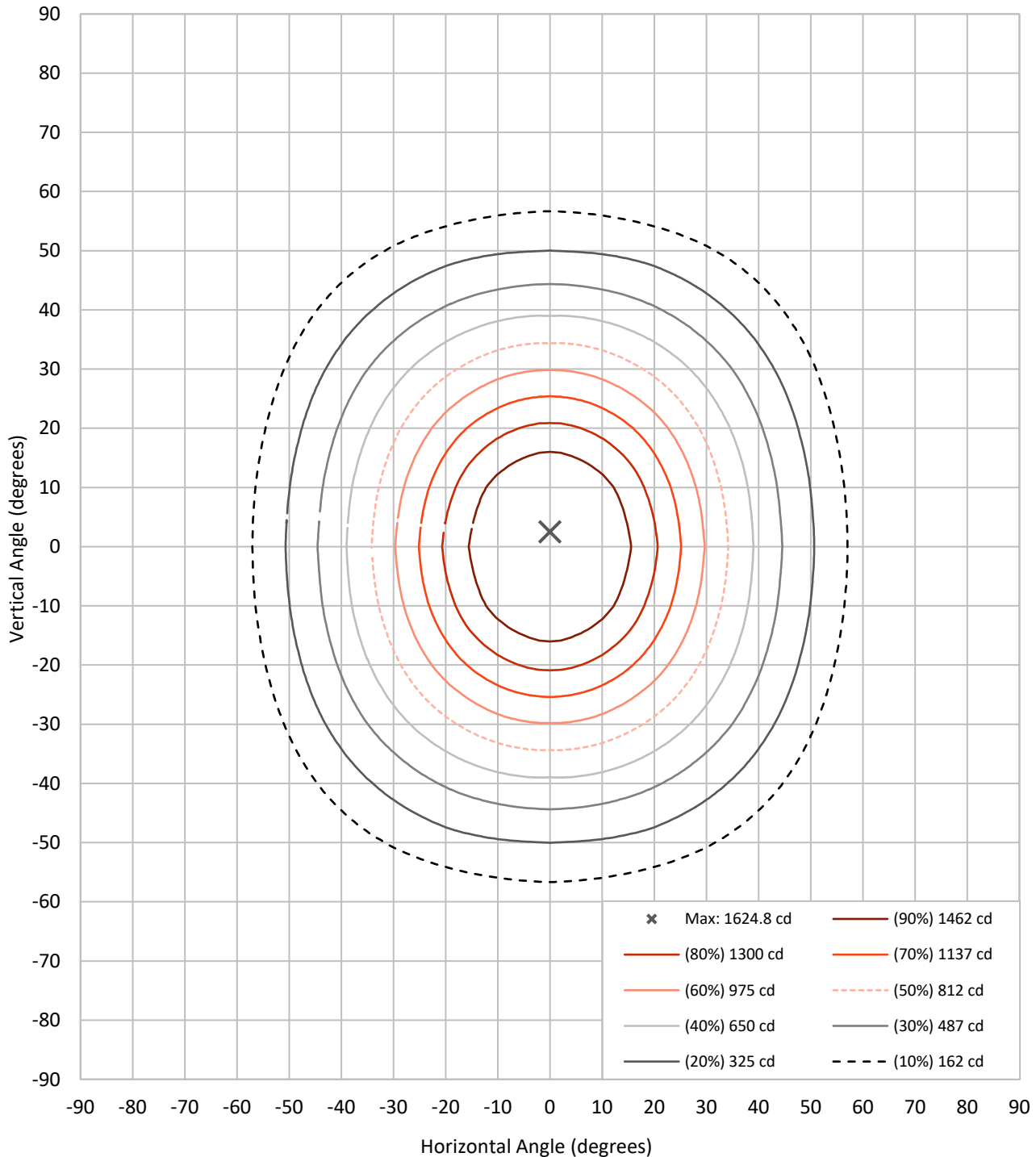
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2199 lumens	Max Intensity:	1624.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	122.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	1318.5 lumens	Field Lumens:	2100.6 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 18
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





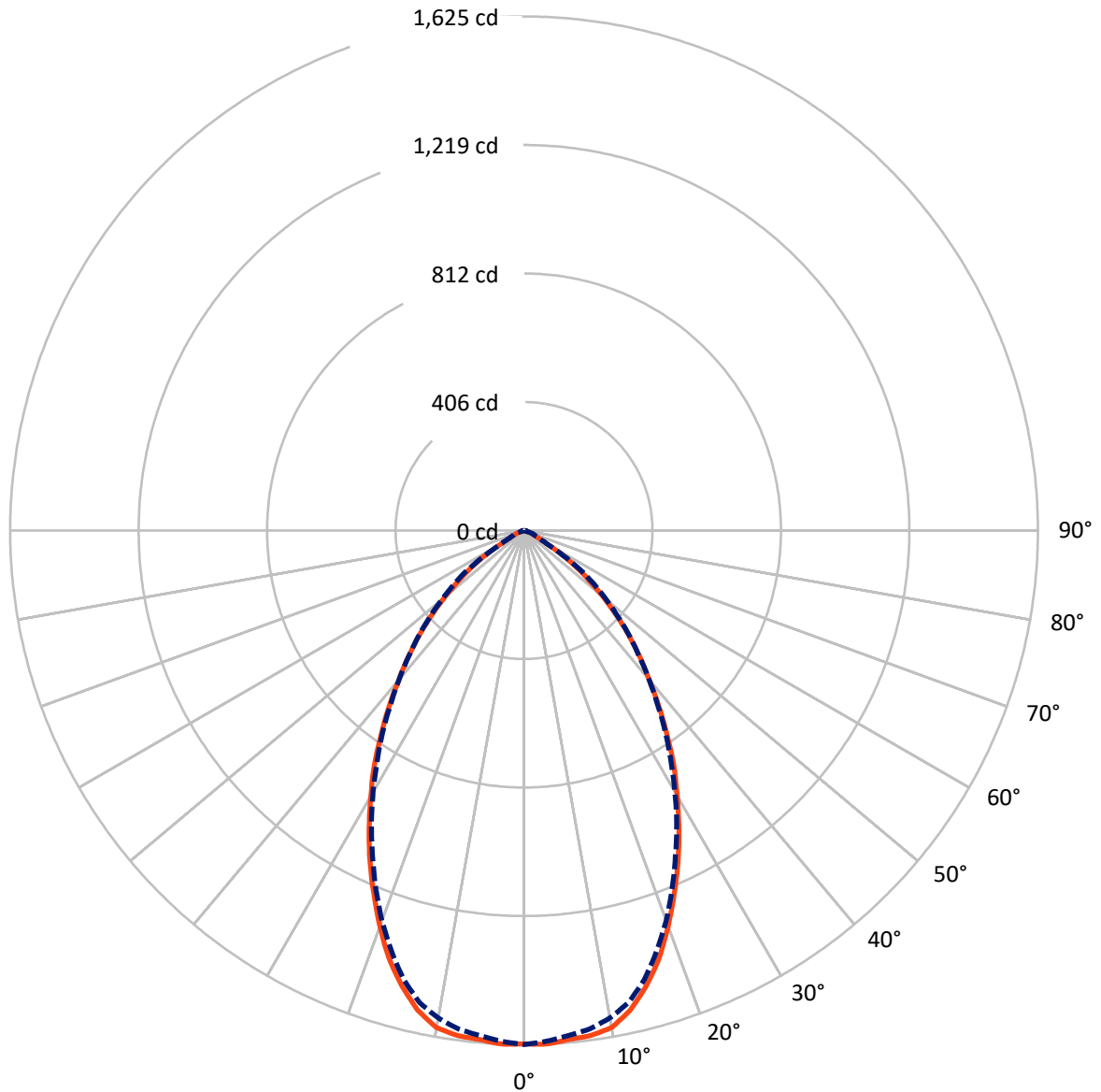
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Lumen Table

90																			
80	0.0	0.2		0.5		0.9		0.6		0.9		0.5		0.2		0.0			
70																			
60	0.1	0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.2	0.1			
50		0.2	0.5	0.9	1.7	3.3	5.0	5.9	5.9	5.0	3.3	1.7	0.9	0.5	0.2				
40	0.2	0.3	0.7	2.1	5.5	9.2	12.3	14.0	14.0	12.3	9.2	5.5	2.1	0.7	0.3	0.2			
30		0.4	1.2	4.9	10.0	15.5	20.6	23.6	23.6	20.6	15.5	10.0	4.9	1.2	0.4				
20	0.2	0.5	2.3	7.3	14.1	22.1	29.5	34.2	34.2	29.5	22.1	14.1	7.3	2.3	0.5	0.2			
10		0.6	3.2	9.1	17.4	27.6	37.6	43.9	43.9	37.6	27.6	17.4	9.1	3.2	0.6				
0	0.2	0.6	3.7	10.1	19.2	30.8	42.2	48.3	48.3	42.2	30.8	19.2	10.1	3.7	0.6	0.2			
-10		0.6	3.7	10.1	19.2	30.8	42.2	48.3	48.3	42.2	30.8	19.2	10.1	3.7	0.6				
-20	0.2	0.6	3.2	9.1	17.4	27.6	37.6	43.9	43.9	37.6	27.6	17.4	9.1	3.2	0.6	0.2			
-30		0.5	2.3	7.3	14.1	22.1	29.5	34.2	34.2	29.5	22.1	14.1	7.3	2.3	0.5				
-40	0.2	0.4	1.2	4.9	10.0	15.5	20.6	23.6	23.6	20.6	15.5	10.0	4.9	1.2	0.4	0.2			
-50		0.3	0.7	2.1	5.5	9.2	12.3	14.0	14.0	12.3	9.2	5.5	2.1	0.7	0.3				
-60	0.1	0.2	0.5	0.9	1.7	3.3	5.0	5.9	5.9	5.0	3.3	1.7	0.9	0.5	0.2	0.1			
-70		0.2	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.2				
-80	0.0	0.2		0.5		0.9		0.6		0.9		0.5		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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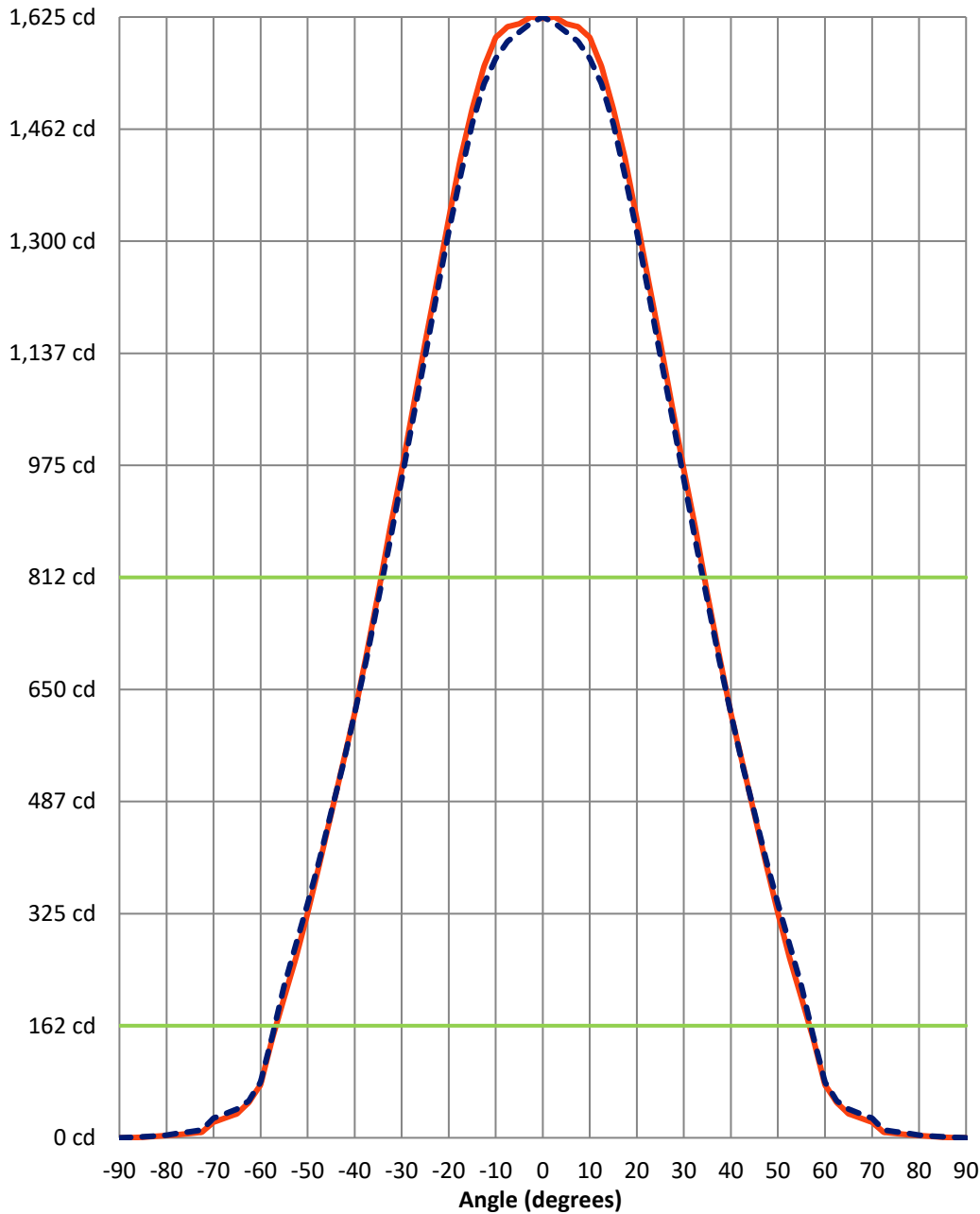
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 1318.5
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 2100.6
Efficiency: 95.5%

Spill:
Lumens: 98.4
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.9	1.2
80°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.3	1.7	2.0
77.5°	0.0	0.1	0.3	0.4	0.5	0.7	1.1	1.6	2.0	2.4	3.0
75°	0.0	0.2	0.3	0.5	0.6	1.1	1.6	2.1	2.7	3.6	4.5
72.5°	0.0	0.2	0.4	0.5	0.9	1.4	2.0	2.8	3.9	4.9	6.0
70°	0.0	0.2	0.4	0.6	1.1	1.7	2.5	3.8	5.1	6.3	8.0
67.5°	0.0	0.2	0.5	0.8	1.3	2.0	3.3	4.8	6.2	8.0	10.0
65°	0.0	0.3	0.5	0.9	1.5	2.4	4.0	5.8	7.6	9.6	11.9
62.5°	0.0	0.3	0.6	1.0	1.7	2.9	4.7	6.9	8.9	11.3	13.8
60°	0.0	0.3	0.6	1.1	1.9	3.3	5.3	7.9	10.2	13.0	15.6
57.5°	0.0	0.3	0.7	1.2	2.1	3.7	5.9	8.8	11.7	14.8	17.2
55°	0.0	0.3	0.7	1.3	2.3	4.1	6.5	9.6	13.4	16.5	18.6
52.5°	0.0	0.4	0.8	1.4	2.6	4.4	6.9	10.7	15.0	17.8	20.0
50°	0.0	0.4	0.9	1.5	2.7	4.6	7.3	11.7	16.5	19.1	21.5
47.5°	0.0	0.4	0.9	1.6	2.9	4.9	7.7	12.6	17.6	20.3	22.9
45°	0.0	0.4	1.0	1.7	3.0	5.1	8.3	13.3	18.1	21.5	24.1
42.5°	0.0	0.4	1.0	1.7	3.1	5.2	8.8	13.8	18.4	22.5	25.6
40°	0.0	0.5	1.1	1.8	3.1	5.2	9.3	13.9	18.6	23.4	27.0
37.5°	0.0	0.5	1.1	1.9	3.1	5.2	9.6	14.0	18.8	23.8	28.4
35°	0.0	0.5	1.2	2.0	3.1	5.4	9.8	13.9	19.0	24.7	29.8
32.5°	0.0	0.5	1.2	2.0	3.1	5.5	9.8	13.7	19.2	25.8	31.1
30°	0.0	0.5	1.3	2.1	3.0	5.6	9.6	13.5	19.4	27.1	32.5
27.5°	0.0	0.5	1.3	2.2	3.1	5.6	9.4	13.5	19.8	28.6	33.7
25°	0.0	0.5	1.3	2.2	3.2	5.5	9.0	13.5	20.8	29.9	34.8
22.5°	0.0	0.6	1.4	2.3	3.3	5.5	8.6	13.5	21.9	30.8	36.3
20°	0.0	0.6	1.4	2.3	3.4	5.8	8.2	13.4	23.1	31.6	37.6
17.5°	0.0	0.6	1.4	2.4	3.5	6.0	8.1	13.3	24.2	32.4	38.7
15°	0.0	0.6	1.4	2.4	3.5	6.2	8.2	13.2	25.3	33.0	39.7
12.5°	0.0	0.6	1.5	2.4	3.6	6.3	8.4	13.1	26.2	33.6	40.5
10°	0.0	0.6	1.5	2.5	3.7	6.5	8.5	12.9	27.1	34.1	41.1
7.5°	0.0	0.6	1.5	2.5	3.7	6.6	8.6	12.5	27.7	34.4	41.5
5°	0.0	0.6	1.5	2.5	3.7	6.6	8.7	12.0	28.2	34.7	41.7
2.5°	0.0	0.6	1.5	2.5	3.7	6.6	8.7	12.0	28.2	34.7	41.7
0°	0.0	0.6	1.5	2.5	3.8	6.7	8.8	10.7	28.4	34.9	41.6
-2.5°	0.0	0.6	1.5	2.5	3.8	6.7	8.8	11.4	28.4	34.8	41.7
-5°	0.0	0.6	1.5	2.5	3.7	6.6	8.7	12.0	28.2	34.7	41.7
-7.5°	0.0	0.6	1.5	2.5	3.7	6.6	8.6	12.5	27.7	34.4	41.5
-10°	0.0	0.6	1.5	2.5	3.7	6.5	8.5	12.9	27.1	34.1	41.1
-12.5°	0.0	0.6	1.5	2.4	3.6	6.3	8.4	13.1	26.2	33.6	40.5
-15°	0.0	0.6	1.4	2.4	3.5	6.2	8.2	13.2	25.3	33.0	39.7
-17.5°	0.0	0.6	1.4	2.4	3.5	6.0	8.1	13.3	24.2	32.4	38.7
-20°	0.0	0.6	1.4	2.3	3.4	5.8	8.2	13.4	23.1	31.6	37.6



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 CATALOG NUMBER: GFLD-SA1A-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.4	2.3	3.3	5.5	8.6	13.5	21.9	30.8	36.3
-25°	0.0	0.5	1.3	2.2	3.2	5.5	9.0	13.5	20.8	29.9	34.8
-27.5°	0.0	0.5	1.3	2.2	3.1	5.6	9.4	13.5	19.8	28.6	33.7
-30°	0.0	0.5	1.3	2.1	3.0	5.6	9.6	13.5	19.4	27.1	32.5
-32.5°	0.0	0.5	1.2	2.0	3.1	5.5	9.8	13.7	19.2	25.8	31.1
-35°	0.0	0.5	1.2	2.0	3.1	5.4	9.8	13.9	19.0	24.7	29.8
-37.5°	0.0	0.5	1.1	1.9	3.1	5.2	9.6	14.0	18.8	23.8	28.4
-40°	0.0	0.5	1.1	1.8	3.1	5.2	9.3	13.9	18.6	23.4	27.0
-42.5°	0.0	0.4	1.0	1.7	3.1	5.2	8.8	13.8	18.4	22.5	25.6
-45°	0.0	0.4	1.0	1.7	3.0	5.1	8.3	13.3	18.1	21.5	24.1
-47.5°	0.0	0.4	0.9	1.6	2.9	4.9	7.7	12.6	17.6	20.3	22.9
-50°	0.0	0.4	0.9	1.5	2.7	4.6	7.3	11.7	16.5	19.1	21.5
-52.5°	0.0	0.4	0.8	1.4	2.6	4.4	6.9	10.7	15.0	17.8	20.0
-55°	0.0	0.3	0.7	1.3	2.3	4.1	6.5	9.6	13.4	16.5	18.6
-57.5°	0.0	0.3	0.7	1.2	2.1	3.7	5.9	8.8	11.7	14.8	17.2
-60°	0.0	0.3	0.6	1.1	1.9	3.3	5.3	7.9	10.2	13.0	15.6
-62.5°	0.0	0.3	0.6	1.0	1.7	2.9	4.7	6.9	8.9	11.3	13.8
-65°	0.0	0.3	0.5	0.9	1.5	2.4	4.0	5.8	7.6	9.6	11.9
-67.5°	0.0	0.2	0.5	0.8	1.3	2.0	3.3	4.8	6.2	8.0	10.0
-70°	0.0	0.2	0.4	0.6	1.1	1.7	2.5	3.8	5.1	6.3	8.0
-72.5°	0.0	0.2	0.4	0.5	0.9	1.4	2.0	2.8	3.9	4.9	6.0
-75°	0.0	0.2	0.3	0.5	0.6	1.1	1.6	2.1	2.7	3.6	4.5
-77.5°	0.0	0.1	0.3	0.4	0.5	0.7	1.1	1.6	2.0	2.4	3.0
-80°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	1.0	1.3	1.7	2.0
-82.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.9	1.2
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
-87.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA1A-940-U-WR-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°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1
82.5°	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.3	2.8
80°	2.2	2.3	2.7	3.0	3.2	3.2	3.1	2.7	3.2	4.0	5.0
77.5°	3.6	4.2	4.7	5.3	5.4	5.1	4.7	4.1	4.8	6.2	7.9
75°	5.3	6.0	6.8	7.4	7.4	7.0	6.4	6.3	7.5	9.2	10.7
72.5°	7.2	8.3	9.1	9.6	9.5	9.5	9.7	10.2	11.2	12.5	13.6
70°	9.6	10.6	11.2	11.5	11.5	12.1	13.0	13.6	14.3	15.6	16.8
67.5°	11.9	12.7	13.2	13.5	14.5	15.6	16.5	17.3	18.2	19.5	20.5
65°	13.9	14.8	15.5	16.6	18.0	19.1	20.1	21.2	22.7	24.1	25.0
62.5°	15.9	16.8	17.9	19.4	21.0	22.3	24.0	25.9	27.9	29.3	31.0
60°	17.5	18.7	20.3	22.1	23.9	26.1	28.3	30.5	32.5	34.5	37.0
57.5°	19.0	20.8	22.7	24.8	27.3	30.0	32.7	35.1	37.6	40.3	43.1
55°	20.6	23.0	25.1	27.6	30.6	34.1	37.0	39.8	42.9	47.5	51.6
52.5°	22.4	25.0	27.5	30.5	34.2	37.9	41.2	45.2	50.3	57.2	68.3
50°	24.1	26.9	29.8	33.7	37.7	41.5	46.4	51.9	62.2	75.0	97.4
47.5°	25.7	28.7	32.5	36.8	41.1	46.2	52.4	64.5	78.4	110.4	142.2
45°	27.4	31.0	35.2	39.9	45.1	51.6	64.3	79.2	117.2	153.9	192.2
42.5°	29.0	33.2	38.0	43.1	49.9	61.6	77.9	117.3	158.4	200.7	237.4
40°	30.9	35.3	40.9	47.3	56.3	74.0	110.6	155.0	201.4	241.3	277.1
37.5°	32.6	37.8	43.9	51.4	67.5	97.1	144.3	193.5	238.4	277.4	315.6
35°	34.2	40.3	47.5	58.8	78.5	127.2	178.4	228.5	271.4	313.1	354.9
32.5°	36.1	42.7	51.0	68.5	103.6	156.3	210.9	258.6	303.5	347.9	395.7
30°	38.2	45.6	55.9	77.8	128.6	184.7	238.6	287.4	334.0	383.3	434.4
27.5°	40.1	48.5	63.9	95.8	152.0	211.1	263.9	314.1	364.1	416.6	471.7
25°	41.9	51.2	71.4	115.6	174.7	233.6	287.2	338.2	392.2	449.3	507.2
22.5°	43.8	53.8	78.2	133.6	195.4	253.7	307.7	361.9	419.0	479.5	539.9
20°	45.8	59.5	89.4	150.2	214.3	271.9	326.2	383.8	444.1	506.7	570.5
17.5°	47.7	64.4	102.7	166.0	230.1	287.8	342.8	403.7	465.9	531.3	598.6
15°	49.4	68.7	114.5	180.0	243.6	301.3	358.9	421.4	485.3	553.5	623.3
12.5°	50.9	72.4	124.6	192.0	254.9	312.8	372.6	436.3	502.5	572.8	645.5
10°	52.1	75.3	133.0	202.1	264.1	322.3	383.5	448.7	516.3	588.3	663.5
7.5°	52.9	77.8	139.7	210.2	271.2	329.7	391.7	458.4	526.3	600.5	677.0
5°	53.5	79.8	144.5	216.1	276.4	335.3	397.7	465.4	532.8	609.0	686.2
2.5°	53.7	81.2	147.4	220.0	279.7	339.3	402.6	471.6	539.6	615.0	693.2
0°	53.7	81.9	148.5	221.6	280.9	341.1	405.0	474.8	543.9	617.6	698.0
-2.5°	53.7	81.2	147.4	220.0	279.7	339.3	402.6	471.6	539.6	615.0	693.2
-5°	53.5	79.8	144.5	216.1	276.4	335.3	397.7	465.4	532.8	609.0	686.2
-7.5°	52.9	77.8	139.7	210.2	271.2	329.7	391.7	458.4	526.3	600.5	677.0
-10°	52.1	75.3	133.0	202.1	264.1	322.3	383.5	448.7	516.3	588.3	663.5
-12.5°	50.9	72.4	124.6	192.0	254.9	312.8	372.6	436.3	502.5	572.8	645.5
-15°	49.4	68.7	114.5	180.0	243.6	301.3	358.9	421.4	485.3	553.5	623.3
-17.5°	47.7	64.4	102.7	166.0	230.1	287.8	342.8	403.7	465.9	531.3	598.6
-20°	45.8	59.5	89.4	150.2	214.3	271.9	326.2	383.8	444.1	506.7	570.5



REPORT NUMBER: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	43.8	53.8	78.2	133.6	195.4	253.7	307.7	361.9	419.0	479.5	539.9
-25°	41.9	51.2	71.4	115.6	174.7	233.6	287.2	338.2	392.2	449.3	507.2
-27.5°	40.1	48.5	63.9	95.8	152.0	211.1	263.9	314.1	364.1	416.6	471.7
-30°	38.2	45.6	55.9	77.8	128.6	184.7	238.6	287.4	334.0	383.3	434.4
-32.5°	36.1	42.7	51.0	68.5	103.6	156.3	210.9	258.6	303.5	347.9	395.7
-35°	34.2	40.3	47.5	58.8	78.5	127.2	178.4	228.5	271.4	313.1	354.9
-37.5°	32.6	37.8	43.9	51.4	67.5	97.1	144.3	193.5	238.4	277.4	315.6
-40°	30.9	35.3	40.9	47.3	56.3	74.0	110.6	155.0	201.4	241.3	277.1
-42.5°	29.0	33.2	38.0	43.1	49.9	61.6	77.9	117.3	158.4	200.7	237.4
-45°	27.4	31.0	35.2	39.9	45.1	51.6	64.3	79.2	117.2	153.9	192.2
-47.5°	25.7	28.7	32.5	36.8	41.1	46.2	52.4	64.5	78.4	110.4	142.2
-50°	24.1	26.9	29.8	33.7	37.7	41.5	46.4	51.9	62.2	75.0	97.4
-52.5°	22.4	25.0	27.5	30.5	34.2	37.9	41.2	45.2	50.3	57.2	68.3
-55°	20.6	23.0	25.1	27.6	30.6	34.1	37.0	39.8	42.9	47.5	51.6
-57.5°	19.0	20.8	22.7	24.8	27.3	30.0	32.7	35.1	37.6	40.3	43.1
-60°	17.5	18.7	20.3	22.1	23.9	26.1	28.3	30.5	32.5	34.5	37.0
-62.5°	15.9	16.8	17.9	19.4	21.0	22.3	24.0	25.9	27.9	29.3	31.0
-65°	13.9	14.8	15.5	16.6	18.0	19.1	20.1	21.2	22.7	24.1	25.0
-67.5°	11.9	12.7	13.2	13.5	14.5	15.6	16.5	17.3	18.2	19.5	20.5
-70°	9.6	10.6	11.2	11.5	11.5	12.1	13.0	13.6	14.3	15.6	16.8
-72.5°	7.2	8.3	9.1	9.6	9.5	9.5	9.7	10.2	11.2	12.5	13.6
-75°	5.3	6.0	6.8	7.4	7.4	7.0	6.4	6.3	7.5	9.2	10.7
-77.5°	3.6	4.2	4.7	5.3	5.4	5.1	4.7	4.1	4.8	6.2	7.9
-80°	2.2	2.3	2.7	3.0	3.2	3.2	3.1	2.7	3.2	4.0	5.0
-82.5°	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.3	2.8
-85°	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.8	0.9	1.0	1.1
-87.5°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
-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: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	1.3	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.0
82.5°	3.3	3.5	3.7	4.0	4.2	4.2	4.1	3.9	3.7	3.3	2.9
80°	6.1	6.7	7.1	7.4	7.6	7.4	7.1	6.7	6.2	5.5	4.7
77.5°	9.5	10.1	10.4	10.8	11.2	11.3	11.3	11.3	11.3	10.1	8.4
75°	11.8	12.6	13.2	13.8	14.3	14.5	14.7	14.9	15.0	13.3	11.1
72.5°	14.6	15.3	15.9	16.5	17.0	17.4	17.8	18.0	18.2	16.8	14.9
70°	17.7	18.4	19.1	19.7	20.4	20.9	21.4	21.9	22.3	22.4	22.5
67.5°	21.3	21.7	22.6	23.3	24.3	25.0	25.7	26.4	27.1	27.6	28.1
65°	25.7	27.3	28.9	29.7	29.7	30.7	32.3	33.2	33.4	33.6	34.1
62.5°	33.2	35.2	36.2	37.7	39.6	41.7	42.5	43.6	45.1	46.7	48.1
60°	39.1	40.8	43.4	46.0	48.4	50.5	55.6	60.2	64.2	67.5	70.8
57.5°	46.4	49.3	53.3	60.4	66.9	72.8	82.8	95.1	106.1	115.6	124.1
55°	58.1	66.4	73.9	90.7	108.7	124.2	138.8	154.3	167.0	176.9	186.1
52.5°	78.0	100.9	124.1	146.0	167.4	187.0	204.5	218.3	229.1	237.1	244.8
50°	125.0	152.5	180.8	206.9	227.9	247.2	265.5	279.2	290.6	300.4	309.1
47.5°	176.1	208.4	235.1	259.1	281.9	303.2	323.2	339.8	353.9	366.9	377.7
45°	227.0	255.9	283.3	309.0	333.8	357.7	379.2	398.1	416.8	432.2	444.4
42.5°	270.0	300.6	329.7	359.2	386.9	413.8	439.7	462.7	482.5	499.4	513.0
40°	311.3	344.3	378.9	411.7	444.5	475.1	503.8	530.1	552.7	572.7	589.6
37.5°	353.4	391.9	429.9	467.2	503.3	536.7	569.6	600.0	626.5	649.8	669.4
35°	397.8	440.2	481.6	523.5	563.0	601.6	638.1	671.5	700.8	728.3	751.9
32.5°	442.2	488.2	534.7	580.2	623.9	667.1	707.1	744.8	779.5	809.9	835.1
30°	485.5	536.1	585.9	635.5	685.4	732.4	776.7	818.1	855.7	888.8	917.5
27.5°	527.0	581.4	634.9	691.5	745.8	797.0	845.1	889.6	931.5	969.2	1001.8
25°	565.4	623.3	685.5	744.9	803.0	859.8	912.5	960.8	1008.7	1050.3	1085.6
22.5°	601.7	666.2	731.8	794.1	858.2	920.6	979.6	1035.6	1086.8	1130.3	1168.1
20°	636.2	705.7	773.2	842.2	911.6	979.0	1043.9	1103.7	1157.9	1205.3	1247.8
17.5°	668.9	740.7	812.5	886.2	961.1	1032.0	1100.8	1165.8	1224.9	1277.4	1325.4
15°	697.1	771.3	848.2	926.5	1004.9	1080.2	1153.2	1224.1	1290.6	1347.8	1396.1
12.5°	721.0	798.3	879.7	961.9	1044.5	1123.4	1200.8	1276.7	1347.3	1408.9	1458.5
10°	740.9	821.9	906.9	992.5	1077.2	1159.2	1239.8	1318.2	1394.1	1457.9	1508.9
7.5°	757.5	841.6	928.5	1016.7	1102.2	1187.3	1271.3	1350.6	1425.4	1492.7	1545.0
5°	769.8	855.4	944.1	1034.5	1121.3	1209.5	1296.0	1377.1	1451.2	1512.1	1554.9
2.5°	779.0	864.0	954.3	1045.2	1133.2	1224.6	1312.9	1394.1	1470.0	1527.6	1564.6
0°	785.3	868.7	963.5	1052.7	1142.1	1235.9	1323.2	1405.3	1481.3	1537.7	1575.9
-2.5°	779.0	864.0	954.3	1045.2	1133.2	1224.6	1312.9	1394.1	1470.0	1527.6	1564.6
-5°	769.8	855.4	944.1	1034.5	1121.3	1209.5	1296.0	1377.1	1451.2	1512.1	1554.9
-7.5°	757.5	841.6	928.5	1016.7	1102.2	1187.3	1271.3	1350.6	1425.4	1492.7	1545.0
-10°	740.9	821.9	906.9	992.5	1077.2	1159.2	1239.8	1318.2	1394.1	1457.9	1508.9
-12.5°	721.0	798.3	879.7	961.9	1044.5	1123.4	1200.8	1276.7	1347.3	1408.9	1458.5
-15°	697.1	771.3	848.2	926.5	1004.9	1080.2	1153.2	1224.1	1290.6	1347.8	1396.1
-17.5°	668.9	740.7	812.5	886.2	961.1	1032.0	1100.8	1165.8	1224.9	1277.4	1325.4
-20°	636.2	705.7	773.2	842.2	911.6	979.0	1043.9	1103.7	1157.9	1205.3	1247.8



REPORT NUMBER: P558491 (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°	601.7	666.2	731.8	794.1	858.2	920.6	979.6	1035.6	1086.8	1130.3	1168.1
-25°	565.4	623.3	685.5	744.9	803.0	859.8	912.5	960.8	1008.7	1050.3	1085.6
-27.5°	527.0	581.4	634.9	691.5	745.8	797.0	845.1	889.6	931.5	969.2	1001.8
-30°	485.5	536.1	585.9	635.5	685.4	732.4	776.7	818.1	855.7	888.8	917.5
-32.5°	442.2	488.2	534.7	580.2	623.9	667.1	707.1	744.8	779.5	809.9	835.1
-35°	397.8	440.2	481.6	523.5	563.0	601.6	638.1	671.5	700.8	728.3	751.9
-37.5°	353.4	391.9	429.9	467.2	503.3	536.7	569.6	600.0	626.5	649.8	669.4
-40°	311.3	344.3	378.9	411.7	444.5	475.1	503.8	530.1	552.7	572.7	589.6
-42.5°	270.0	300.6	329.7	359.2	386.9	413.8	439.7	462.7	482.5	499.4	513.0
-45°	227.0	255.9	283.3	309.0	333.8	357.7	379.2	398.1	416.8	432.2	444.4
-47.5°	176.1	208.4	235.1	259.1	281.9	303.2	323.2	339.8	353.9	366.9	377.7
-50°	125.0	152.5	180.8	206.9	227.9	247.2	265.5	279.2	290.6	300.4	309.1
-52.5°	78.0	100.9	124.1	146.0	167.4	187.0	204.5	218.3	229.1	237.1	244.8
-55°	58.1	66.4	73.9	90.7	108.7	124.2	138.8	154.3	167.0	176.9	186.1
-57.5°	46.4	49.3	53.3	60.4	66.9	72.8	82.8	95.1	106.1	115.6	124.1
-60°	39.1	40.8	43.4	46.0	48.4	50.5	55.6	60.2	64.2	67.5	70.8
-62.5°	33.2	35.2	36.2	37.7	39.6	41.7	42.5	43.6	45.1	46.7	48.1
-65°	25.7	27.3	28.9	29.7	29.7	30.7	32.3	33.2	33.4	33.6	34.1
-67.5°	21.3	21.7	22.6	23.3	24.3	25.0	25.7	26.4	27.1	27.6	28.1
-70°	17.7	18.4	19.1	19.7	20.4	20.9	21.4	21.9	22.3	22.4	22.5
-72.5°	14.6	15.3	15.9	16.5	17.0	17.4	17.8	18.0	18.2	16.8	14.9
-75°	11.8	12.6	13.2	13.8	14.3	14.5	14.7	14.9	15.0	13.3	11.1
-77.5°	9.5	10.1	10.4	10.8	11.2	11.3	11.3	11.3	11.3	10.1	8.4
-80°	6.1	6.7	7.1	7.4	7.6	7.4	7.1	6.7	6.2	5.5	4.7
-82.5°	3.3	3.5	3.7	4.0	4.2	4.2	4.1	3.9	3.7	3.3	2.9
-85°	1.3	1.3	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.0
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.2
82.5°	2.4	1.9	2.0	2.1	2.0	1.9	2.4	2.9	3.3	3.7	3.9
80°	3.9	3.1	3.2	3.3	3.2	3.1	3.9	4.7	5.5	6.2	6.7
77.5°	6.7	4.9	4.7	4.6	4.7	4.9	6.7	8.4	10.1	11.3	11.3
75°	8.8	6.4	6.3	6.3	6.3	6.4	8.8	11.1	13.3	15.0	14.9
72.5°	13.0	11.0	9.5	8.1	9.5	11.0	13.0	14.9	16.8	18.2	18.0
70°	22.7	23.0	22.9	22.6	22.9	23.0	22.7	22.5	22.4	22.3	21.9
67.5°	28.5	28.8	28.9	28.8	28.9	28.8	28.5	28.1	27.6	27.1	26.4
65°	34.5	34.7	34.8	34.9	34.8	34.7	34.5	34.1	33.6	33.4	33.2
62.5°	49.1	49.8	50.6	51.2	50.6	49.8	49.1	48.1	46.7	45.1	43.6
60°	73.6	75.9	77.0	77.1	77.0	75.9	73.6	70.8	67.5	64.2	60.2
57.5°	130.8	135.8	140.3	143.7	140.3	135.8	130.8	124.1	115.6	106.1	95.1
55°	193.4	198.7	201.8	202.6	201.8	198.7	193.4	186.1	176.9	167.0	154.3
52.5°	250.6	254.1	257.6	260.5	257.6	254.1	250.6	244.8	237.1	229.1	218.3
50°	315.7	319.7	323.0	325.6	323.0	319.7	315.7	309.1	300.4	290.6	279.2
47.5°	385.4	390.2	393.8	396.2	393.8	390.2	385.4	377.7	366.9	353.9	339.8
45°	454.8	463.2	468.2	469.1	468.2	463.2	454.8	444.4	432.2	416.8	398.1
42.5°	524.7	532.7	538.0	542.0	538.0	532.7	524.7	513.0	499.4	482.5	462.7
40°	603.7	613.7	618.3	615.3	618.3	613.7	603.7	589.6	572.7	552.7	530.1
37.5°	684.6	694.9	700.2	699.9	700.2	694.9	684.6	669.4	649.8	626.5	600.0
35°	770.3	783.1	790.0	788.3	790.0	783.1	770.3	751.9	728.3	700.8	671.5
32.5°	855.3	870.7	880.7	882.3	880.7	870.7	855.3	835.1	809.9	779.5	744.8
30°	940.5	957.2	967.1	968.1	967.1	957.2	940.5	917.5	888.8	855.7	818.1
27.5°	1029.1	1047.8	1058.2	1060.6	1058.2	1047.8	1029.1	1001.8	969.2	931.5	889.6
25°	1115.8	1136.5	1148.4	1153.0	1148.4	1136.5	1115.8	1085.6	1050.3	1008.7	960.8
22.5°	1199.3	1222.0	1237.6	1241.5	1237.6	1222.0	1199.3	1168.1	1130.3	1086.8	1035.6
20°	1283.1	1309.9	1329.7	1331.7	1329.7	1309.9	1283.1	1247.8	1205.3	1157.9	1103.7
17.5°	1363.8	1392.8	1414.1	1419.3	1414.1	1392.8	1363.8	1325.4	1277.4	1224.9	1165.8
15°	1436.0	1466.5	1487.0	1491.5	1487.0	1466.5	1436.0	1396.1	1347.8	1290.6	1224.1
12.5°	1498.4	1526.5	1545.6	1552.9	1545.6	1526.5	1498.4	1458.5	1408.9	1347.3	1276.7
10°	1548.6	1570.3	1587.4	1595.1	1587.4	1570.3	1548.6	1508.9	1457.9	1394.1	1318.2
7.5°	1576.6	1594.5	1606.4	1610.6	1606.4	1594.5	1576.6	1545.0	1492.7	1425.4	1350.6
5°	1587.7	1604.8	1611.2	1615.0	1611.2	1604.8	1587.7	1554.9	1512.1	1451.2	1377.1
2.5°	1589.2	1602.9	1616.1	1624.8	1616.1	1602.9	1589.2	1564.6	1527.6	1470.0	1394.1
0°	1598.1	1611.4	1618.7	1622.9	1618.7	1611.4	1598.1	1575.9	1537.7	1481.3	1405.3
-2.5°	1589.2	1602.9	1616.1	1624.8	1616.1	1602.9	1589.2	1564.6	1527.6	1470.0	1394.1
-5°	1587.7	1604.8	1611.2	1615.0	1611.2	1604.8	1587.7	1554.9	1512.1	1451.2	1377.1
-7.5°	1576.6	1594.5	1606.4	1610.6	1606.4	1594.5	1576.6	1545.0	1492.7	1425.4	1350.6
-10°	1548.6	1570.3	1587.4	1595.1	1587.4	1570.3	1548.6	1508.9	1457.9	1394.1	1318.2
-12.5°	1498.4	1526.5	1545.6	1552.9	1545.6	1526.5	1498.4	1458.5	1408.9	1347.3	1276.7
-15°	1436.0	1466.5	1487.0	1491.5	1487.0	1466.5	1436.0	1396.1	1347.8	1290.6	1224.1
-17.5°	1363.8	1392.8	1414.1	1419.3	1414.1	1392.8	1363.8	1325.4	1277.4	1224.9	1165.8
-20°	1283.1	1309.9	1329.7	1331.7	1329.7	1309.9	1283.1	1247.8	1205.3	1157.9	1103.7



REPORT NUMBER: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1199.3	1222.0	1237.6	1241.5	1237.6	1222.0	1199.3	1168.1	1130.3	1086.8	1035.6
-25°	1115.8	1136.5	1148.4	1153.0	1148.4	1136.5	1115.8	1085.6	1050.3	1008.7	960.8
-27.5°	1029.1	1047.8	1058.2	1060.6	1058.2	1047.8	1029.1	1001.8	969.2	931.5	889.6
-30°	940.5	957.2	967.1	968.1	967.1	957.2	940.5	917.5	888.8	855.7	818.1
-32.5°	855.3	870.7	880.7	882.3	880.7	870.7	855.3	835.1	809.9	779.5	744.8
-35°	770.3	783.1	790.0	788.3	790.0	783.1	770.3	751.9	728.3	700.8	671.5
-37.5°	684.6	694.9	700.2	699.9	700.2	694.9	684.6	669.4	649.8	626.5	600.0
-40°	603.7	613.7	618.3	615.3	618.3	613.7	603.7	589.6	572.7	552.7	530.1
-42.5°	524.7	532.7	538.0	542.0	538.0	532.7	524.7	513.0	499.4	482.5	462.7
-45°	454.8	463.2	468.2	469.1	468.2	463.2	454.8	444.4	432.2	416.8	398.1
-47.5°	385.4	390.2	393.8	396.2	393.8	390.2	385.4	377.7	366.9	353.9	339.8
-50°	315.7	319.7	323.0	325.6	323.0	319.7	315.7	309.1	300.4	290.6	279.2
-52.5°	250.6	254.1	257.6	260.5	257.6	254.1	250.6	244.8	237.1	229.1	218.3
-55°	193.4	198.7	201.8	202.6	201.8	198.7	193.4	186.1	176.9	167.0	154.3
-57.5°	130.8	135.8	140.3	143.7	140.3	135.8	130.8	124.1	115.6	106.1	95.1
-60°	73.6	75.9	77.0	77.1	77.0	75.9	73.6	70.8	67.5	64.2	60.2
-62.5°	49.1	49.8	50.6	51.2	50.6	49.8	49.1	48.1	46.7	45.1	43.6
-65°	34.5	34.7	34.8	34.9	34.8	34.7	34.5	34.1	33.6	33.4	33.2
-67.5°	28.5	28.8	28.9	28.8	28.9	28.8	28.5	28.1	27.6	27.1	26.4
-70°	22.7	23.0	22.9	22.6	22.9	23.0	22.7	22.5	22.4	22.3	21.9
-72.5°	13.0	11.0	9.5	8.1	9.5	11.0	13.0	14.9	16.8	18.2	18.0
-75°	8.8	6.4	6.3	6.3	6.3	6.4	8.8	11.1	13.3	15.0	14.9
-77.5°	6.7	4.9	4.7	4.6	4.7	4.9	6.7	8.4	10.1	11.3	11.3
-80°	3.9	3.1	3.2	3.3	3.2	3.1	3.9	4.7	5.5	6.2	6.7
-82.5°	2.4	1.9	2.0	2.1	2.0	1.9	2.4	2.9	3.3	3.7	3.9
-85°	0.9	0.8	0.8	0.8	0.8	0.8	0.9	1.0	1.1	1.2	1.2
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558491 (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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
85°	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.1	1.0	0.9	0.8
82.5°	4.1	4.2	4.2	4.0	3.7	3.5	3.3	2.8	2.3	1.8	1.5
80°	7.1	7.4	7.6	7.4	7.1	6.7	6.1	5.0	4.0	3.2	2.7
77.5°	11.3	11.3	11.2	10.8	10.4	10.1	9.5	7.9	6.2	4.8	4.1
75°	14.7	14.5	14.3	13.8	13.2	12.6	11.8	10.7	9.2	7.5	6.3
72.5°	17.8	17.4	17.0	16.5	15.9	15.3	14.6	13.6	12.5	11.2	10.2
70°	21.4	20.9	20.4	19.7	19.1	18.4	17.7	16.8	15.6	14.3	13.6
67.5°	25.7	25.0	24.3	23.3	22.6	21.7	21.3	20.5	19.5	18.2	17.3
65°	32.3	30.7	29.7	29.7	28.9	27.3	25.7	25.0	24.1	22.7	21.2
62.5°	42.5	41.7	39.6	37.7	36.2	35.2	33.2	31.0	29.3	27.9	25.9
60°	55.6	50.5	48.4	46.0	43.4	40.8	39.1	37.0	34.5	32.5	30.5
57.5°	82.8	72.8	66.9	60.4	53.3	49.3	46.4	43.1	40.3	37.6	35.1
55°	138.8	124.2	108.7	90.7	73.9	66.4	58.1	51.6	47.5	42.9	39.8
52.5°	204.5	187.0	167.4	146.0	124.1	100.9	78.0	68.3	57.2	50.3	45.2
50°	265.5	247.2	227.9	206.9	180.8	152.5	125.0	97.4	75.0	62.2	51.9
47.5°	323.2	303.2	281.9	259.1	235.1	208.4	176.1	142.2	110.4	78.4	64.5
45°	379.2	357.7	333.8	309.0	283.3	255.9	227.0	192.2	153.9	117.2	79.2
42.5°	439.7	413.8	386.9	359.2	329.7	300.6	270.0	237.4	200.7	158.4	117.3
40°	503.8	475.1	444.5	411.7	378.9	344.3	311.3	277.1	241.3	201.4	155.0
37.5°	569.6	536.7	503.3	467.2	429.9	391.9	353.4	315.6	277.4	238.4	193.5
35°	638.1	601.6	563.0	523.5	481.6	440.2	397.8	354.9	313.1	271.4	228.5
32.5°	707.1	667.1	623.9	580.2	534.7	488.2	442.2	395.7	347.9	303.5	258.6
30°	776.7	732.4	685.4	635.5	585.9	536.1	485.5	434.4	383.3	334.0	287.4
27.5°	845.1	797.0	745.8	691.5	634.9	581.4	527.0	471.7	416.6	364.1	314.1
25°	912.5	859.8	803.0	744.9	685.5	623.3	565.4	507.2	449.3	392.2	338.2
22.5°	979.6	920.6	858.2	794.1	731.8	666.2	601.7	539.9	479.5	419.0	361.9
20°	1043.9	979.0	911.6	842.2	773.2	705.7	636.2	570.5	506.7	444.1	383.8
17.5°	1100.8	1032.0	961.1	886.2	812.5	740.7	668.9	598.6	531.3	465.9	403.7
15°	1153.2	1080.2	1004.9	926.5	848.2	771.3	697.1	623.3	553.5	485.3	421.4
12.5°	1200.8	1123.4	1044.5	961.9	879.7	798.3	721.0	645.5	572.8	502.5	436.3
10°	1239.8	1159.2	1077.2	992.5	906.9	821.9	740.9	663.5	588.3	516.3	448.7
7.5°	1271.3	1187.3	1102.2	1016.7	928.5	841.6	757.5	677.0	600.5	526.3	458.4
5°	1296.0	1209.5	1121.3	1034.5	944.1	855.4	769.8	686.2	609.0	532.8	465.4
2.5°	1312.9	1224.6	1133.2	1045.2	954.3	864.0	779.0	693.2	615.0	539.6	471.6
0°	1323.2	1235.9	1142.1	1052.7	963.5	868.7	785.3	698.0	617.6	543.9	474.8
-2.5°	1312.9	1224.6	1133.2	1045.2	954.3	864.0	779.0	693.2	615.0	539.6	471.6
-5°	1296.0	1209.5	1121.3	1034.5	944.1	855.4	769.8	686.2	609.0	532.8	465.4
-7.5°	1271.3	1187.3	1102.2	1016.7	928.5	841.6	757.5	677.0	600.5	526.3	458.4
-10°	1239.8	1159.2	1077.2	992.5	906.9	821.9	740.9	663.5	588.3	516.3	448.7
-12.5°	1200.8	1123.4	1044.5	961.9	879.7	798.3	721.0	645.5	572.8	502.5	436.3
-15°	1153.2	1080.2	1004.9	926.5	848.2	771.3	697.1	623.3	553.5	485.3	421.4
-17.5°	1100.8	1032.0	961.1	886.2	812.5	740.7	668.9	598.6	531.3	465.9	403.7
-20°	1043.9	979.0	911.6	842.2	773.2	705.7	636.2	570.5	506.7	444.1	383.8



REPORT NUMBER: P558491 (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°	979.6	920.6	858.2	794.1	731.8	666.2	601.7	539.9	479.5	419.0	361.9
-25°	912.5	859.8	803.0	744.9	685.5	623.3	565.4	507.2	449.3	392.2	338.2
-27.5°	845.1	797.0	745.8	691.5	634.9	581.4	527.0	471.7	416.6	364.1	314.1
-30°	776.7	732.4	685.4	635.5	585.9	536.1	485.5	434.4	383.3	334.0	287.4
-32.5°	707.1	667.1	623.9	580.2	534.7	488.2	442.2	395.7	347.9	303.5	258.6
-35°	638.1	601.6	563.0	523.5	481.6	440.2	397.8	354.9	313.1	271.4	228.5
-37.5°	569.6	536.7	503.3	467.2	429.9	391.9	353.4	315.6	277.4	238.4	193.5
-40°	503.8	475.1	444.5	411.7	378.9	344.3	311.3	277.1	241.3	201.4	155.0
-42.5°	439.7	413.8	386.9	359.2	329.7	300.6	270.0	237.4	200.7	158.4	117.3
-45°	379.2	357.7	333.8	309.0	283.3	255.9	227.0	192.2	153.9	117.2	79.2
-47.5°	323.2	303.2	281.9	259.1	235.1	208.4	176.1	142.2	110.4	78.4	64.5
-50°	265.5	247.2	227.9	206.9	180.8	152.5	125.0	97.4	75.0	62.2	51.9
-52.5°	204.5	187.0	167.4	146.0	124.1	100.9	78.0	68.3	57.2	50.3	45.2
-55°	138.8	124.2	108.7	90.7	73.9	66.4	58.1	51.6	47.5	42.9	39.8
-57.5°	82.8	72.8	66.9	60.4	53.3	49.3	46.4	43.1	40.3	37.6	35.1
-60°	55.6	50.5	48.4	46.0	43.4	40.8	39.1	37.0	34.5	32.5	30.5
-62.5°	42.5	41.7	39.6	37.7	36.2	35.2	33.2	31.0	29.3	27.9	25.9
-65°	32.3	30.7	29.7	29.7	28.9	27.3	25.7	25.0	24.1	22.7	21.2
-67.5°	25.7	25.0	24.3	23.3	22.6	21.7	21.3	20.5	19.5	18.2	17.3
-70°	21.4	20.9	20.4	19.7	19.1	18.4	17.7	16.8	15.6	14.3	13.6
-72.5°	17.8	17.4	17.0	16.5	15.9	15.3	14.6	13.6	12.5	11.2	10.2
-75°	14.7	14.5	14.3	13.8	13.2	12.6	11.8	10.7	9.2	7.5	6.3
-77.5°	11.3	11.3	11.2	10.8	10.4	10.1	9.5	7.9	6.2	4.8	4.1
-80°	7.1	7.4	7.6	7.4	7.1	6.7	6.1	5.0	4.0	3.2	2.7
-82.5°	4.1	4.2	4.2	4.0	3.7	3.5	3.3	2.8	2.3	1.8	1.5
-85°	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.1	1.0	0.9	0.8
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558491 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-WR-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°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
85°	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
82.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.2	0.9	0.6	0.5
80°	3.1	3.2	3.2	3.0	2.7	2.3	2.2	2.0	1.7	1.3	1.0
77.5°	4.7	5.1	5.4	5.3	4.7	4.2	3.6	3.0	2.4	2.0	1.6
75°	6.4	7.0	7.4	7.4	6.8	6.0	5.3	4.5	3.6	2.7	2.1
72.5°	9.7	9.5	9.5	9.6	9.1	8.3	7.2	6.0	4.9	3.9	2.8
70°	13.0	12.1	11.5	11.5	11.2	10.6	9.6	8.0	6.3	5.1	3.8
67.5°	16.5	15.6	14.5	13.5	13.2	12.7	11.9	10.0	8.0	6.2	4.8
65°	20.1	19.1	18.0	16.6	15.5	14.8	13.9	11.9	9.6	7.6	5.8
62.5°	24.0	22.3	21.0	19.4	17.9	16.8	15.9	13.8	11.3	8.9	6.9
60°	28.3	26.1	23.9	22.1	20.3	18.7	17.5	15.6	13.0	10.2	7.9
57.5°	32.7	30.0	27.3	24.8	22.7	20.8	19.0	17.2	14.8	11.7	8.8
55°	37.0	34.1	30.6	27.6	25.1	23.0	20.6	18.6	16.5	13.4	9.6
52.5°	41.2	37.9	34.2	30.5	27.5	25.0	22.4	20.0	17.8	15.0	10.7
50°	46.4	41.5	37.7	33.7	29.8	26.9	24.1	21.5	19.1	16.5	11.7
47.5°	52.4	46.2	41.1	36.8	32.5	28.7	25.7	22.9	20.3	17.6	12.6
45°	64.3	51.6	45.1	39.9	35.2	31.0	27.4	24.1	21.5	18.1	13.3
42.5°	77.9	61.6	49.9	43.1	38.0	33.2	29.0	25.6	22.5	18.4	13.8
40°	110.6	74.0	56.3	47.3	40.9	35.3	30.9	27.0	23.4	18.6	13.9
37.5°	144.3	97.1	67.5	51.4	43.9	37.8	32.6	28.4	23.8	18.8	14.0
35°	178.4	127.2	78.5	58.8	47.5	40.3	34.2	29.8	24.7	19.0	13.9
32.5°	210.9	156.3	103.6	68.5	51.0	42.7	36.1	31.1	25.8	19.2	13.7
30°	238.6	184.7	128.6	77.8	55.9	45.6	38.2	32.5	27.1	19.4	13.5
27.5°	263.9	211.1	152.0	95.8	63.9	48.5	40.1	33.7	28.6	19.8	13.5
25°	287.2	233.6	174.7	115.6	71.4	51.2	41.9	34.8	29.9	20.8	13.5
22.5°	307.7	253.7	195.4	133.6	78.2	53.8	43.8	36.3	30.8	21.9	13.5
20°	326.2	271.9	214.3	150.2	89.4	59.5	45.8	37.6	31.6	23.1	13.4
17.5°	342.8	287.8	230.1	166.0	102.7	64.4	47.7	38.7	32.4	24.2	13.3
15°	358.9	301.3	243.6	180.0	114.5	68.7	49.4	39.7	33.0	25.3	13.2
12.5°	372.6	312.8	254.9	192.0	124.6	72.4	50.9	40.5	33.6	26.2	13.1
10°	383.5	322.3	264.1	202.1	133.0	75.3	52.1	41.1	34.1	27.1	12.9
7.5°	391.7	329.7	271.2	210.2	139.7	77.8	52.9	41.5	34.4	27.7	12.5
5°	397.7	335.3	276.4	216.1	144.5	79.8	53.5	41.7	34.7	28.2	12.0
2.5°	402.6	339.3	279.7	220.0	147.4	81.2	53.7	41.7	34.8	28.4	11.4
0°	405.0	341.1	280.9	221.6	148.5	81.9	53.7	41.6	34.9	28.4	10.7
-2.5°	402.6	339.3	279.7	220.0	147.4	81.2	53.7	41.7	34.8	28.4	11.4
-5°	397.7	335.3	276.4	216.1	144.5	79.8	53.5	41.7	34.7	28.2	12.0
-7.5°	391.7	329.7	271.2	210.2	139.7	77.8	52.9	41.5	34.4	27.7	12.5
-10°	383.5	322.3	264.1	202.1	133.0	75.3	52.1	41.1	34.1	27.1	12.9
-12.5°	372.6	312.8	254.9	192.0	124.6	72.4	50.9	40.5	33.6	26.2	13.1
-15°	358.9	301.3	243.6	180.0	114.5	68.7	49.4	39.7	33.0	25.3	13.2
-17.5°	342.8	287.8	230.1	166.0	102.7	64.4	47.7	38.7	32.4	24.2	13.3
-20°	326.2	271.9	214.3	150.2	89.4	59.5	45.8	37.6	31.6	23.1	13.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	307.7	253.7	195.4	133.6	78.2	53.8	43.8	36.3	30.8	21.9	13.5
-25°	287.2	233.6	174.7	115.6	71.4	51.2	41.9	34.8	29.9	20.8	13.5
-27.5°	263.9	211.1	152.0	95.8	63.9	48.5	40.1	33.7	28.6	19.8	13.5
-30°	238.6	184.7	128.6	77.8	55.9	45.6	38.2	32.5	27.1	19.4	13.5
-32.5°	210.9	156.3	103.6	68.5	51.0	42.7	36.1	31.1	25.8	19.2	13.7
-35°	178.4	127.2	78.5	58.8	47.5	40.3	34.2	29.8	24.7	19.0	13.9
-37.5°	144.3	97.1	67.5	51.4	43.9	37.8	32.6	28.4	23.8	18.8	14.0
-40°	110.6	74.0	56.3	47.3	40.9	35.3	30.9	27.0	23.4	18.6	13.9
-42.5°	77.9	61.6	49.9	43.1	38.0	33.2	29.0	25.6	22.5	18.4	13.8
-45°	64.3	51.6	45.1	39.9	35.2	31.0	27.4	24.1	21.5	18.1	13.3
-47.5°	52.4	46.2	41.1	36.8	32.5	28.7	25.7	22.9	20.3	17.6	12.6
-50°	46.4	41.5	37.7	33.7	29.8	26.9	24.1	21.5	19.1	16.5	11.7
-52.5°	41.2	37.9	34.2	30.5	27.5	25.0	22.4	20.0	17.8	15.0	10.7
-55°	37.0	34.1	30.6	27.6	25.1	23.0	20.6	18.6	16.5	13.4	9.6
-57.5°	32.7	30.0	27.3	24.8	22.7	20.8	19.0	17.2	14.8	11.7	8.8
-60°	28.3	26.1	23.9	22.1	20.3	18.7	17.5	15.6	13.0	10.2	7.9
-62.5°	24.0	22.3	21.0	19.4	17.9	16.8	15.9	13.8	11.3	8.9	6.9
-65°	20.1	19.1	18.0	16.6	15.5	14.8	13.9	11.9	9.6	7.6	5.8
-67.5°	16.5	15.6	14.5	13.5	13.2	12.7	11.9	10.0	8.0	6.2	4.8
-70°	13.0	12.1	11.5	11.5	11.2	10.6	9.6	8.0	6.3	5.1	3.8
-72.5°	9.7	9.5	9.5	9.6	9.1	8.3	7.2	6.0	4.9	3.9	2.8
-75°	6.4	7.0	7.4	7.4	6.8	6.0	5.3	4.5	3.6	2.7	2.1
-77.5°	4.7	5.1	5.4	5.3	4.7	4.2	3.6	3.0	2.4	2.0	1.6
-80°	3.1	3.2	3.2	3.0	2.7	2.3	2.2	2.0	1.7	1.3	1.0
-82.5°	1.5	1.5	1.5	1.5	1.5	1.4	1.3	1.2	0.9	0.6	0.5
-85°	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4
-87.5°	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
80°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
77.5°	1.1	0.7	0.5	0.4	0.3	0.1	0.0
75°	1.6	1.1	0.6	0.5	0.3	0.2	0.0
72.5°	2.0	1.4	0.9	0.5	0.4	0.2	0.0
70°	2.5	1.7	1.1	0.6	0.4	0.2	0.0
67.5°	3.3	2.0	1.3	0.8	0.5	0.2	0.0
65°	4.0	2.4	1.5	0.9	0.5	0.3	0.0
62.5°	4.7	2.9	1.7	1.0	0.6	0.3	0.0
60°	5.3	3.3	1.9	1.1	0.6	0.3	0.0
57.5°	5.9	3.7	2.1	1.2	0.7	0.3	0.0
55°	6.5	4.1	2.3	1.3	0.7	0.3	0.0
52.5°	6.9	4.4	2.6	1.4	0.8	0.4	0.0
50°	7.3	4.6	2.7	1.5	0.9	0.4	0.0
47.5°	7.7	4.9	2.9	1.6	0.9	0.4	0.0
45°	8.3	5.1	3.0	1.7	1.0	0.4	0.0
42.5°	8.8	5.2	3.1	1.7	1.0	0.4	0.0
40°	9.3	5.2	3.1	1.8	1.1	0.5	0.0
37.5°	9.6	5.2	3.1	1.9	1.1	0.5	0.0
35°	9.8	5.4	3.1	2.0	1.2	0.5	0.0
32.5°	9.8	5.5	3.1	2.0	1.2	0.5	0.0
30°	9.6	5.6	3.0	2.1	1.3	0.5	0.0
27.5°	9.4	5.6	3.1	2.2	1.3	0.5	0.0
25°	9.0	5.5	3.2	2.2	1.3	0.5	0.0
22.5°	8.6	5.5	3.3	2.3	1.4	0.6	0.0
20°	8.2	5.8	3.4	2.3	1.4	0.6	0.0
17.5°	8.1	6.0	3.5	2.4	1.4	0.6	0.0
15°	8.2	6.2	3.5	2.4	1.4	0.6	0.0
12.5°	8.4	6.3	3.6	2.4	1.5	0.6	0.0
10°	8.5	6.5	3.7	2.5	1.5	0.6	0.0
7.5°	8.6	6.6	3.7	2.5	1.5	0.6	0.0
5°	8.7	6.6	3.7	2.5	1.5	0.6	0.0
2.5°	8.8	6.7	3.8	2.5	1.5	0.6	0.0
0°	8.8	6.7	3.8	2.5	1.5	0.6	0.0
-2.5°	8.8	6.7	3.8	2.5	1.5	0.6	0.0
-5°	8.7	6.6	3.7	2.5	1.5	0.6	0.0
-7.5°	8.6	6.6	3.7	2.5	1.5	0.6	0.0
-10°	8.5	6.5	3.7	2.5	1.5	0.6	0.0
-12.5°	8.4	6.3	3.6	2.4	1.5	0.6	0.0
-15°	8.2	6.2	3.5	2.4	1.4	0.6	0.0
-17.5°	8.1	6.0	3.5	2.4	1.4	0.6	0.0
-20°	8.2	5.8	3.4	2.3	1.4	0.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	8.6	5.5	3.3	2.3	1.4	0.6	0.0
-25°	9.0	5.5	3.2	2.2	1.3	0.5	0.0
-27.5°	9.4	5.6	3.1	2.2	1.3	0.5	0.0
-30°	9.6	5.6	3.0	2.1	1.3	0.5	0.0
-32.5°	9.8	5.5	3.1	2.0	1.2	0.5	0.0
-35°	9.8	5.4	3.1	2.0	1.2	0.5	0.0
-37.5°	9.6	5.2	3.1	1.9	1.1	0.5	0.0
-40°	9.3	5.2	3.1	1.8	1.1	0.5	0.0
-42.5°	8.8	5.2	3.1	1.7	1.0	0.4	0.0
-45°	8.3	5.1	3.0	1.7	1.0	0.4	0.0
-47.5°	7.7	4.9	2.9	1.6	0.9	0.4	0.0
-50°	7.3	4.6	2.7	1.5	0.9	0.4	0.0
-52.5°	6.9	4.4	2.6	1.4	0.8	0.4	0.0
-55°	6.5	4.1	2.3	1.3	0.7	0.3	0.0
-57.5°	5.9	3.7	2.1	1.2	0.7	0.3	0.0
-60°	5.3	3.3	1.9	1.1	0.6	0.3	0.0
-62.5°	4.7	2.9	1.7	1.0	0.6	0.3	0.0
-65°	4.0	2.4	1.5	0.9	0.5	0.3	0.0
-67.5°	3.3	2.0	1.3	0.8	0.5	0.2	0.0
-70°	2.5	1.7	1.1	0.6	0.4	0.2	0.0
-72.5°	2.0	1.4	0.9	0.5	0.4	0.2	0.0
-75°	1.6	1.1	0.6	0.5	0.3	0.2	0.0
-77.5°	1.1	0.7	0.5	0.4	0.3	0.1	0.0
-80°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-82.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-85°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)