

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: P558708 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-940-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558708 (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-SA2D-940-U-MR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

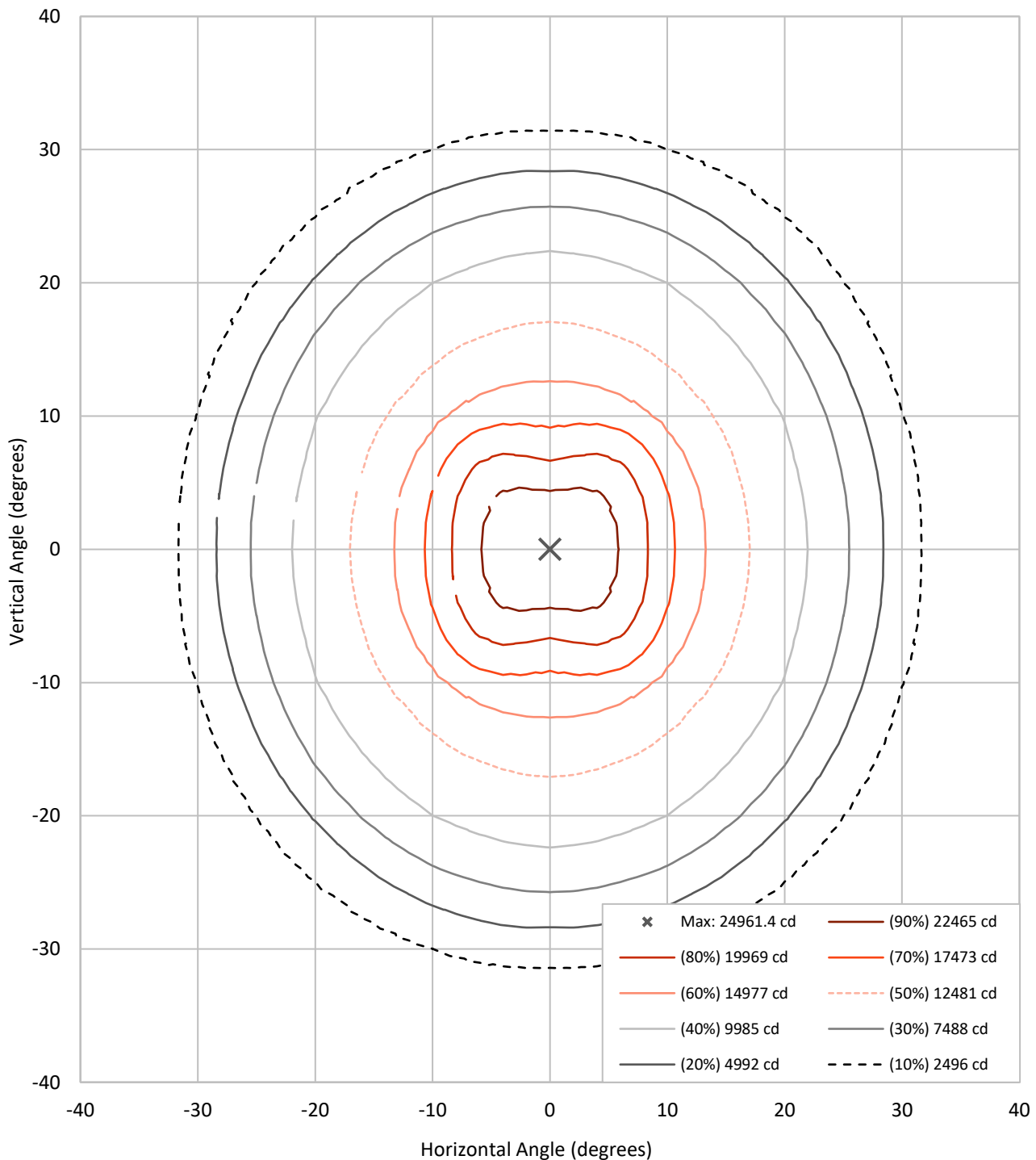
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11042.2 lumens	Max Intensity:	24961.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	4703.3 lumens	Field Lumens:	9612.6 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 110  
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





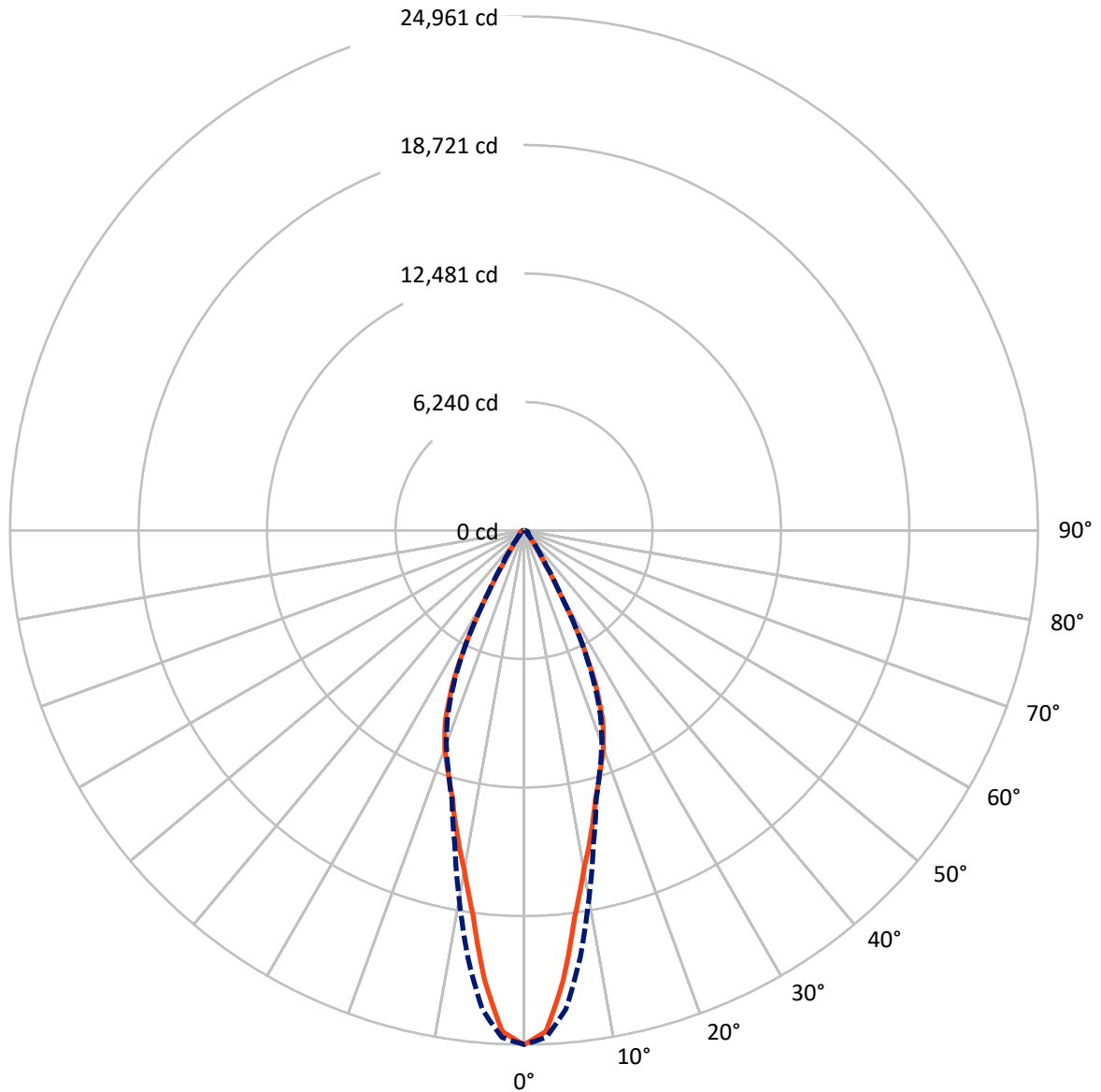
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### Lumen Table

90	0.1	1.2		3.4		5.6		6.6		5.6		3.4		1.2		0.1			
80	0.1	1.2		3.4		5.6		6.6		5.6		3.4		1.2		0.1			
70	0.6	0.6	1.4	2.4	3.6	4.6	5.4	5.8	5.8	5.4	4.6	3.6	2.4	1.4	0.6	0.6			
60		1.0	2.3	3.9	5.3	6.0	6.4	6.5	6.5	6.4	6.0	5.3	3.9	2.3	1.0				
50	1.1	1.4	3.1	4.7	5.5	6.8	8.7	10.1	10.1	8.7	6.8	5.5	4.7	3.1	1.4	1.1			
40		1.8	3.7	4.7	7.1	14.1	26.8	40.9	40.9	26.8	14.1	7.1	4.7	3.7	1.8				
30	1.4	2.1	3.8	5.3	12.9	43.0	135.1	222.4	222.4	135.1	43.0	12.9	5.3	3.8	2.1	1.4			
20		2.3	3.8	6.5	24.1	127.4	301.0	398.6	398.6	301.0	127.4	24.1	6.5	3.8	2.3				
10	1.6	2.4	3.8	7.5	36.7	200.6	391.4	617.6	617.6	391.4	200.6	36.7	7.5	3.8	2.4	1.6			
0		2.4	3.8	7.5	36.7	200.6	391.4	617.6	617.6	391.4	200.6	36.7	7.5	3.8	2.4				
-10	1.4	2.3	3.8	6.5	24.1	127.4	301.0	398.6	398.6	301.0	127.4	24.1	6.5	3.8	2.3	1.4			
-20		2.1	3.8	5.3	12.9	43.0	135.1	222.4	222.4	135.1	43.0	12.9	5.3	3.8	2.1				
-30	1.1	1.8	3.7	4.7	7.1	14.1	26.8	40.9	40.9	26.8	14.1	7.1	4.7	3.7	1.8	1.1			
-40		1.4	3.1	4.7	5.5	6.8	8.7	10.1	10.1	8.7	6.8	5.5	4.7	3.1	1.4				
-50	0.6	1.0	2.3	3.9	5.3	6.0	6.4	6.5	6.5	6.4	6.0	5.3	3.9	2.3	1.0	0.6			
-60		0.6	1.4	2.4	3.6	4.6	5.4	5.8	5.8	5.4	4.6	3.6	2.4	1.4	0.6				
-70	0.1	1.2		3.4		5.6		6.6		5.6		3.4		1.2		0.1			
-80		1.2		3.4		5.6		6.6		5.6		3.4		1.2					
-90	0.1	1.2		3.4		5.6		6.6		5.6		3.4		1.2		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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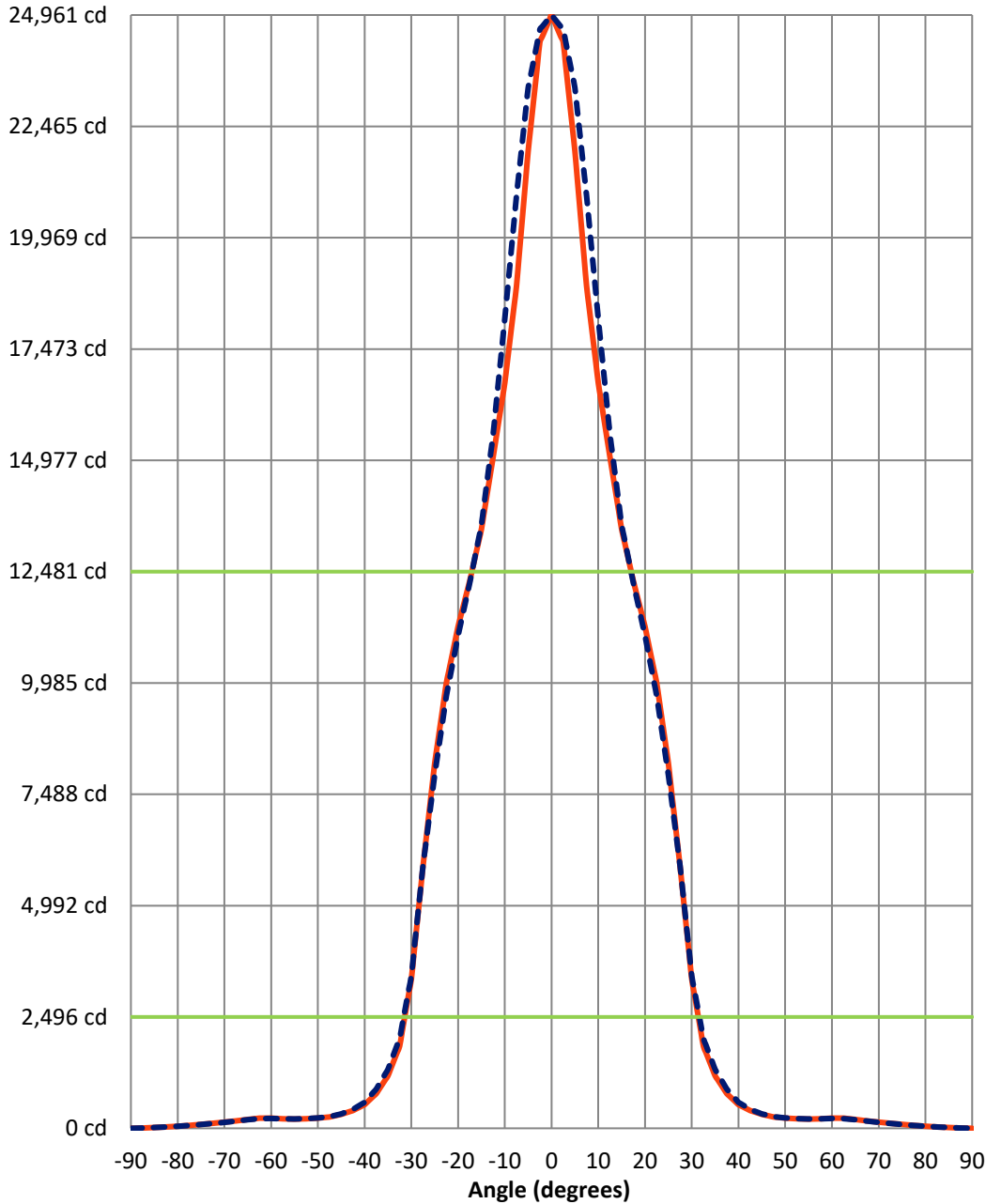
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 34°  
 V Angle: 34.1°  
 Lumens: 4703.3  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 9612.6  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 1429.6  
 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	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.4	2.7
85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.7	8.0	9.2
80°	0.0	1.1	2.2	3.3	4.4	5.5	6.8	8.6	10.4	12.1	13.6
77.5°	0.0	1.4	2.8	4.1	5.5	7.2	9.7	12.0	14.1	16.2	18.2
75°	0.0	1.7	3.3	5.0	6.7	9.6	12.6	15.3	17.9	20.6	23.4
72.5°	0.0	1.9	3.8	5.8	8.6	11.9	15.5	18.7	21.9	25.2	28.6
70°	0.0	2.2	4.4	6.7	10.4	14.2	18.3	22.1	25.8	29.7	34.8
67.5°	0.0	2.4	4.9	8.0	12.1	16.5	21.1	25.4	29.7	35.5	41.1
65°	0.0	2.7	5.4	9.2	13.9	18.8	23.9	28.7	34.8	41.1	47.8
62.5°	0.0	3.0	5.9	10.5	15.6	21.2	26.7	32.7	39.7	46.9	55.6
60°	0.0	3.2	6.4	11.7	17.2	23.6	29.5	36.9	44.5	53.8	63.2
57.5°	0.0	3.4	7.2	12.9	19.1	26.0	33.0	41.0	50.2	60.5	71.0
55°	0.0	3.7	8.0	14.0	21.0	28.3	36.5	45.1	56.1	67.1	78.7
52.5°	0.0	3.9	8.7	15.1	22.8	30.6	39.9	50.0	61.7	73.7	86.1
50°	0.0	4.1	9.5	16.2	24.6	33.4	43.2	54.7	67.2	80.0	93.9
47.5°	0.0	4.3	10.2	17.3	26.4	36.0	46.5	59.3	72.5	86.1	101.6
45°	0.0	4.5	10.9	18.6	28.1	38.6	50.2	63.6	77.7	92.8	109.0
42.5°	0.0	4.7	11.5	19.8	29.7	41.0	53.7	67.8	82.6	99.4	116.8
40°	0.0	4.9	12.2	21.0	31.5	43.4	57.0	72.0	87.6	105.7	124.2
37.5°	0.0	5.1	12.8	22.1	33.2	45.6	60.1	75.9	93.0	111.8	131.3
35°	0.0	5.2	13.4	23.2	34.9	47.9	63.0	79.7	98.0	117.7	138.2
32.5°	0.0	5.4	14.0	24.2	36.5	50.2	65.8	83.2	102.7	123.4	144.7
30°	0.0	5.5	14.5	25.1	38.0	52.3	68.7	86.7	107.1	128.6	150.9
27.5°	0.0	5.7	15.0	25.9	39.3	54.3	71.3	90.2	111.2	133.5	156.6
25°	0.0	5.8	15.4	26.6	40.4	56.1	73.7	93.5	115.1	138.1	161.8
22.5°	0.0	5.9	15.9	27.3	41.5	57.6	76.0	96.4	118.7	142.4	167.1
20°	0.0	6.0	16.3	27.9	42.4	58.9	78.0	99.0	122.0	146.2	171.8
17.5°	0.0	6.1	16.6	28.3	43.2	60.1	79.8	101.4	124.8	149.6	175.9
15°	0.0	6.2	16.9	28.7	43.9	61.1	81.3	103.4	127.3	152.5	179.5
12.5°	0.0	6.2	17.2	29.1	44.5	61.9	82.7	105.1	129.4	155.0	182.4
10°	0.0	6.3	17.5	29.3	44.9	62.6	83.8	106.5	131.0	157.2	185.1
7.5°	0.0	6.3	17.7	29.5	45.2	63.1	84.7	107.7	132.2	159.1	187.8
5°	0.0	6.4	17.8	29.6	45.4	63.4	85.3	108.5	133.0	160.5	190.0
2.5°	0.0	6.4	17.9	29.6	45.5	63.5	85.7	108.9	133.4	161.5	191.6
0°	0.0	6.4	18.0	29.6	45.5	63.5	85.7	108.9	133.4	161.5	191.6
-2.5°	0.0	6.4	17.9	29.6	45.5	63.5	85.7	108.9	133.4	161.5	191.6
-5°	0.0	6.4	17.8	29.6	45.4	63.4	85.3	108.5	133.0	160.5	190.0
-7.5°	0.0	6.3	17.7	29.5	45.2	63.1	84.7	107.7	132.2	159.1	187.8
-10°	0.0	6.3	17.5	29.3	44.9	62.6	83.8	106.5	131.0	157.2	185.1
-12.5°	0.0	6.2	17.2	29.1	44.5	61.9	82.7	105.1	129.4	155.0	182.4
-15°	0.0	6.2	16.9	28.7	43.9	61.1	81.3	103.4	127.3	152.5	179.5
-17.5°	0.0	6.1	16.6	28.3	43.2	60.1	79.8	101.4	124.8	149.6	175.9
-20°	0.0	6.0	16.3	27.9	42.4	58.9	78.0	99.0	122.0	146.2	171.8



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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	5.9	15.9	27.3	41.5	57.6	76.0	96.4	118.7	142.4	167.1
-25°	0.0	5.8	15.4	26.6	40.4	56.1	73.7	93.5	115.1	138.1	161.8
-27.5°	0.0	5.7	15.0	25.9	39.3	54.3	71.3	90.2	111.2	133.5	156.6
-30°	0.0	5.5	14.5	25.1	38.0	52.3	68.7	86.7	107.1	128.6	150.9
-32.5°	0.0	5.4	14.0	24.2	36.5	50.2	65.8	83.2	102.7	123.4	144.7
-35°	0.0	5.2	13.4	23.2	34.9	47.9	63.0	79.7	98.0	117.7	138.2
-37.5°	0.0	5.1	12.8	22.1	33.2	45.6	60.1	75.9	93.0	111.8	131.3
-40°	0.0	4.9	12.2	21.0	31.5	43.4	57.0	72.0	87.6	105.7	124.2
-42.5°	0.0	4.7	11.5	19.8	29.7	41.0	53.7	67.8	82.6	99.4	116.8
-45°	0.0	4.5	10.9	18.6	28.1	38.6	50.2	63.6	77.7	92.8	109.0
-47.5°	0.0	4.3	10.2	17.3	26.4	36.0	46.5	59.3	72.5	86.1	101.6
-50°	0.0	4.1	9.5	16.2	24.6	33.4	43.2	54.7	67.2	80.0	93.9
-52.5°	0.0	3.9	8.7	15.1	22.8	30.6	39.9	50.0	61.7	73.7	86.1
-55°	0.0	3.7	8.0	14.0	21.0	28.3	36.5	45.1	56.1	67.1	78.7
-57.5°	0.0	3.4	7.2	12.9	19.1	26.0	33.0	41.0	50.2	60.5	71.0
-60°	0.0	3.2	6.4	11.7	17.2	23.6	29.5	36.9	44.5	53.8	63.2
-62.5°	0.0	3.0	5.9	10.5	15.6	21.2	26.7	32.7	39.7	46.9	55.6
-65°	0.0	2.7	5.4	9.2	13.9	18.8	23.9	28.7	34.8	41.1	47.8
-67.5°	0.0	2.4	4.9	8.0	12.1	16.5	21.1	25.4	29.7	35.5	41.1
-70°	0.0	2.2	4.4	6.7	10.4	14.2	18.3	22.1	25.8	29.7	34.8
-72.5°	0.0	1.9	3.8	5.8	8.6	11.9	15.5	18.7	21.9	25.2	28.6
-75°	0.0	1.7	3.3	5.0	6.7	9.6	12.6	15.3	17.9	20.6	23.4
-77.5°	0.0	1.4	2.8	4.1	5.5	7.2	9.7	12.0	14.1	16.2	18.2
-80°	0.0	1.1	2.2	3.3	4.4	5.5	6.8	8.6	10.4	12.1	13.6
-82.5°	0.0	0.8	1.7	2.5	3.3	4.1	5.0	5.8	6.7	8.0	9.2
-85°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	3.8	4.4	4.9	5.4
-87.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.4	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
85°	5.9	6.4	7.2	7.9	8.6	9.2	9.8	10.3	10.9	11.4	12.0
82.5°	10.4	11.6	12.8	13.9	14.9	15.7	16.5	17.7	19.0	20.3	21.5
80°	15.2	16.8	18.8	20.8	22.7	24.5	26.3	28.1	29.8	31.7	33.6
77.5°	20.7	23.3	25.9	28.6	31.2	34.2	37.1	40.0	42.7	45.0	47.2
75°	26.5	29.7	33.6	37.6	41.4	45.1	48.9	53.0	56.6	59.8	62.9
72.5°	32.8	37.5	42.2	46.9	52.2	57.2	62.1	66.9	71.2	75.3	79.3
70°	39.9	45.2	51.5	57.9	64.0	69.8	75.4	80.8	85.8	91.1	96.8
67.5°	47.1	54.4	61.7	68.9	76.0	82.6	88.8	95.7	102.5	109.2	115.6
65°	55.6	63.8	72.1	80.3	88.1	96.1	104.0	111.9	119.9	127.5	134.6
62.5°	64.1	73.5	82.8	91.9	101.1	110.2	119.5	128.7	137.6	146.9	155.7
60°	73.1	83.4	93.6	103.8	114.2	125.0	135.4	146.2	157.1	167.5	177.6
57.5°	82.0	93.2	104.3	115.8	127.9	139.9	152.2	164.4	176.8	188.7	199.1
55°	90.7	102.7	115.2	128.5	141.8	155.5	169.2	183.4	196.7	206.8	216.2
52.5°	99.4	112.3	126.7	141.1	155.9	171.3	187.3	200.9	212.0	220.6	222.7
50°	108.0	122.8	137.9	153.7	170.1	187.5	202.8	215.1	221.4	223.8	222.5
47.5°	117.0	132.9	149.2	166.2	184.5	201.2	215.6	221.8	224.8	221.6	217.6
45°	125.9	143.0	160.2	178.9	197.2	212.9	221.0	225.5	221.5	217.6	214.8
42.5°	134.5	152.8	171.6	190.9	207.9	219.0	224.1	221.6	218.2	215.1	216.1
40°	143.1	162.2	182.8	201.0	216.3	222.0	221.1	218.0	215.9	217.2	221.6
37.5°	151.3	172.2	193.2	210.7	219.0	221.3	217.6	215.5	217.0	222.0	231.5
35°	159.1	181.6	201.7	216.4	221.9	218.1	215.3	215.0	220.7	230.8	245.0
32.5°	167.0	190.7	209.7	218.9	219.8	215.5	213.4	218.2	227.2	240.6	264.5
30°	174.6	197.7	215.5	221.1	217.3	213.9	215.1	222.1	234.3	256.6	295.1
27.5°	181.6	204.0	217.4	220.1	215.1	212.3	217.6	228.1	245.8	275.5	330.6
25°	188.0	209.7	219.1	218.1	213.7	213.4	220.5	233.6	257.9	306.0	381.4
22.5°	193.2	214.9	220.7	216.2	212.2	215.1	225.1	243.1	275.7	334.7	434.4
20°	197.5	216.2	220.4	214.4	210.8	216.5	229.2	252.6	299.7	379.6	494.1
17.5°	201.4	217.4	218.9	213.2	211.7	218.7	233.4	260.9	321.0	418.2	551.4
15°	204.8	218.4	217.5	212.2	212.7	221.7	240.3	276.8	346.6	454.5	602.8
12.5°	207.8	219.3	216.1	211.3	213.5	224.2	246.1	291.3	371.8	494.0	685.4
10°	210.3	220.0	214.9	210.6	214.0	226.2	250.9	302.7	391.3	527.4	754.7
7.5°	212.6	220.6	213.9	210.1	214.3	227.6	254.5	311.0	405.1	554.3	806.5
5°	214.3	221.0	213.3	209.8	215.0	229.2	257.1	316.5	413.6	573.8	841.2
2.5°	215.4	221.2	212.9	209.6	216.1	231.3	259.4	321.0	421.1	583.5	865.9
0°	216.0	221.3	212.8	209.6	217.1	232.9	260.5	322.9	424.6	583.4	880.9
-2.5°	215.4	221.2	212.9	209.6	216.1	231.3	259.4	321.0	421.1	583.5	865.9
-5°	214.3	221.0	213.3	209.8	215.0	229.2	257.1	316.5	413.6	573.8	841.2
-7.5°	212.6	220.6	213.9	210.1	214.3	227.6	254.5	311.0	405.1	554.3	806.5
-10°	210.3	220.0	214.9	210.6	214.0	226.2	250.9	302.7	391.3	527.4	754.7
-12.5°	207.8	219.3	216.1	211.3	213.5	224.2	246.1	291.3	371.8	494.0	685.4
-15°	204.8	218.4	217.5	212.2	212.7	221.7	240.3	276.8	346.6	454.5	602.8
-17.5°	201.4	217.4	218.9	213.2	211.7	218.7	233.4	260.9	321.0	418.2	551.4
-20°	197.5	216.2	220.4	214.4	210.8	216.5	229.2	252.6	299.7	379.6	494.1



REPORT NUMBER: P558708 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	193.2	214.9	220.7	216.2	212.2	215.1	225.1	243.1	275.7	334.7	434.4
-25°	188.0	209.7	219.1	218.1	213.7	213.4	220.5	233.6	257.9	306.0	381.4
-27.5°	181.6	204.0	217.4	220.1	215.1	212.3	217.6	228.1	245.8	275.5	330.6
-30°	174.6	197.7	215.5	221.1	217.3	213.9	215.1	222.1	234.3	256.6	295.1
-32.5°	167.0	190.7	209.7	218.9	219.8	215.5	213.4	218.2	227.2	240.6	264.5
-35°	159.1	181.6	201.7	216.4	221.9	218.1	215.3	215.0	220.7	230.8	245.0
-37.5°	151.3	172.2	193.2	210.7	219.0	221.3	217.6	215.5	217.0	222.0	231.5
-40°	143.1	162.2	182.8	201.0	216.3	222.0	221.1	218.0	215.9	217.2	221.6
-42.5°	134.5	152.8	171.6	190.9	207.9	219.0	224.1	221.6	218.2	215.1	216.1
-45°	125.9	143.0	160.2	178.9	197.2	212.9	221.0	225.5	221.5	217.6	214.8
-47.5°	117.0	132.9	149.2	166.2	184.5	201.2	215.6	221.8	224.8	221.6	217.6
-50°	108.0	122.8	137.9	153.7	170.1	187.5	202.8	215.1	221.4	223.8	222.5
-52.5°	99.4	112.3	126.7	141.1	155.9	171.3	187.3	200.9	212.0	220.6	222.7
-55°	90.7	102.7	115.2	128.5	141.8	155.5	169.2	183.4	196.7	206.8	216.2
-57.5°	82.0	93.2	104.3	115.8	127.9	139.9	152.2	164.4	176.8	188.7	199.1
-60°	73.1	83.4	93.6	103.8	114.2	125.0	135.4	146.2	157.1	167.5	177.6
-62.5°	64.1	73.5	82.8	91.9	101.1	110.2	119.5	128.7	137.6	146.9	155.7
-65°	55.6	63.8	72.1	80.3	88.1	96.1	104.0	111.9	119.9	127.5	134.6
-67.5°	47.1	54.4	61.7	68.9	76.0	82.6	88.8	95.7	102.5	109.2	115.6
-70°	39.9	45.2	51.5	57.9	64.0	69.8	75.4	80.8	85.8	91.1	96.8
-72.5°	32.8	37.5	42.2	46.9	52.2	57.2	62.1	66.9	71.2	75.3	79.3
-75°	26.5	29.7	33.6	37.6	41.4	45.1	48.9	53.0	56.6	59.8	62.9
-77.5°	20.7	23.3	25.9	28.6	31.2	34.2	37.1	40.0	42.7	45.0	47.2
-80°	15.2	16.8	18.8	20.8	22.7	24.5	26.3	28.1	29.8	31.7	33.6
-82.5°	10.4	11.6	12.8	13.9	14.9	15.7	16.5	17.7	19.0	20.3	21.5
-85°	5.9	6.4	7.2	7.9	8.6	9.2	9.8	10.3	10.9	11.4	12.0
-87.5°	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1
-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: P558708 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	5.2	5.2	5.1	4.9	4.8	4.9	5.0	5.1	5.1	5.4	5.8
85°	12.5	13.0	13.6	14.1	14.7	15.1	15.5	15.8	16.1	16.4	16.6
82.5°	22.6	23.8	24.9	25.9	26.8	27.5	28.2	28.8	29.3	29.7	30.1
80°	35.3	36.9	38.3	39.5	40.6	41.5	42.3	43.0	43.5	44.5	45.5
77.5°	49.4	51.6	53.6	55.5	57.2	58.9	60.4	61.8	63.0	64.0	64.7
75°	65.8	68.6	71.4	73.9	76.3	78.7	81.0	83.1	85.1	86.4	87.3
72.5°	83.4	87.1	90.5	93.8	96.6	99.6	102.5	105.2	107.5	109.3	110.7
70°	102.2	107.1	111.0	114.7	118.4	122.0	125.6	128.8	131.5	133.7	135.5
67.5°	121.7	127.3	132.3	137.1	142.0	146.5	150.9	154.9	158.6	161.5	163.3
65°	141.6	148.8	155.3	161.3	166.7	171.8	177.3	182.3	186.8	190.6	193.4
62.5°	164.2	172.3	179.7	186.4	192.4	197.2	202.3	207.1	211.3	215.2	219.1
60°	187.2	196.2	202.8	208.4	213.6	218.2	220.0	221.8	223.2	224.5	226.0
57.5°	207.3	215.0	220.7	222.0	223.1	224.1	223.5	221.7	219.8	217.9	216.4
55°	221.3	223.5	226.0	224.1	221.0	218.1	215.5	213.8	212.1	210.6	209.4
52.5°	225.1	222.9	220.3	217.4	215.3	213.1	210.9	211.3	211.9	212.4	212.7
50°	219.6	217.1	215.7	214.1	214.3	215.4	216.4	218.4	221.0	222.8	224.4
47.5°	215.4	213.7	215.8	218.5	221.0	225.5	229.6	233.5	239.7	244.5	248.4
45°	214.2	218.2	222.3	228.9	234.7	244.7	254.1	261.9	276.6	290.0	300.5
42.5°	220.2	227.1	234.7	247.4	261.2	278.9	301.7	320.9	343.5	364.4	379.7
40°	230.2	240.4	257.3	277.9	310.1	338.8	376.5	408.7	439.0	471.1	495.2
37.5°	244.6	263.6	295.3	332.2	381.2	428.2	480.1	530.5	573.5	638.5	689.3
35°	266.0	304.3	349.3	411.1	475.1	547.1	623.0	720.8	806.9	907.9	1002.9
32.5°	304.8	356.8	427.3	511.0	595.9	720.1	837.4	996.3	1139.2	1317.4	1509.1
30°	350.3	427.8	522.7	631.8	785.6	956.6	1149.4	1393.2	1682.8	2027.7	2490.5
27.5°	413.0	512.6	631.9	808.8	1027.0	1256.1	1598.0	2007.7	2754.4	3405.1	4267.6
25°	480.5	602.1	790.8	1028.5	1315.7	1728.3	2396.7	3249.2	4456.9	5611.6	6534.8
22.5°	558.4	736.1	974.2	1270.1	1734.8	2533.7	3571.3	5072.9	6419.5	7584.2	8481.1
20°	644.6	867.4	1187.4	1639.6	2431.0	3601.1	5266.8	6807.8	8183.2	9185.8	9978.3
17.5°	756.2	1047.3	1453.3	2077.3	3291.9	5094.9	6812.2	8335.3	9532.1	10412.9	11115.5
15°	860.4	1212.9	1739.1	2803.7	4461.5	6388.5	8148.8	9507.5	10543.1	11362.8	11994.5
12.5°	983.4	1398.9	2073.1	3431.2	5537.0	7455.8	9097.8	10366.5	11363.8	12132.2	12978.7
10°	1093.0	1599.0	2551.7	4267.5	6420.1	8294.5	9889.1	11029.3	12029.3	13030.6	14300.0
7.5°	1183.4	1767.0	2944.3	4973.1	7098.2	8915.0	10367.6	11506.9	12609.1	13946.3	15777.3
5°	1255.3	1893.6	3267.2	5505.7	7591.1	9357.8	10733.1	11887.9	13132.8	14921.7	17378.9
2.5°	1303.3	1976.6	3469.0	5827.5	7902.1	9611.8	11004.0	12137.1	13442.3	15467.8	18034.9
0°	1322.4	2014.9	3417.8	5885.9	7920.9	9694.4	11044.4	12230.3	13530.5	15559.2	18155.3
-2.5°	1303.3	1976.6	3469.0	5827.5	7902.1	9611.8	11004.0	12137.1	13442.3	15467.8	18034.9
-5°	1255.3	1893.6	3267.2	5505.7	7591.1	9357.8	10733.1	11887.9	13132.8	14921.7	17378.9
-7.5°	1183.4	1767.0	2944.3	4973.1	7098.2	8915.0	10367.6	11506.9	12609.1	13946.3	15777.3
-10°	1093.0	1599.0	2551.7	4267.5	6420.1	8294.5	9889.1	11029.3	12029.3	13030.6	14300.0
-12.5°	983.4	1398.9	2073.1	3431.2	5537.0	7455.8	9097.8	10366.5	11363.8	12132.2	12978.7
-15°	860.4	1212.9	1739.1	2803.7	4461.5	6388.5	8148.8	9507.5	10543.1	11362.8	11994.5
-17.5°	756.2	1047.3	1453.3	2077.3	3291.9	5094.9	6812.2	8335.3	9532.1	10412.9	11115.5
-20°	644.6	867.4	1187.4	1639.6	2431.0	3601.1	5266.8	6807.8	8183.2	9185.8	9978.3



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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°	558.4	736.1	974.2	1270.1	1734.8	2533.7	3571.3	5072.9	6419.5	7584.2	8481.1
-25°	480.5	602.1	790.8	1028.5	1315.7	1728.3	2396.7	3249.2	4456.9	5611.6	6534.8
-27.5°	413.0	512.6	631.9	808.8	1027.0	1256.1	1598.0	2007.7	2754.4	3405.1	4267.6
-30°	350.3	427.8	522.7	631.8	785.6	956.6	1149.4	1393.2	1682.8	2027.7	2490.5
-32.5°	304.8	356.8	427.3	511.0	595.9	720.1	837.4	996.3	1139.2	1317.4	1509.1
-35°	266.0	304.3	349.3	411.1	475.1	547.1	623.0	720.8	806.9	907.9	1002.9
-37.5°	244.6	263.6	295.3	332.2	381.2	428.2	480.1	530.5	573.5	638.5	689.3
-40°	230.2	240.4	257.3	277.9	310.1	338.8	376.5	408.7	439.0	471.1	495.2
-42.5°	220.2	227.1	234.7	247.4	261.2	278.9	301.7	320.9	343.5	364.4	379.7
-45°	214.2	218.2	222.3	228.9	234.7	244.7	254.1	261.9	276.6	290.0	300.5
-47.5°	215.4	213.7	215.8	218.5	221.0	225.5	229.6	233.5	239.7	244.5	248.4
-50°	219.6	217.1	215.7	214.1	214.3	215.4	216.4	218.4	221.0	222.8	224.4
-52.5°	225.1	222.9	220.3	217.4	215.3	213.1	210.9	211.3	211.9	212.4	212.7
-55°	221.3	223.5	226.0	224.1	221.0	218.1	215.5	213.8	212.1	210.6	209.4
-57.5°	207.3	215.0	220.7	222.0	223.1	224.1	223.5	221.7	219.8	217.9	216.4
-60°	187.2	196.2	202.8	208.4	213.6	218.2	220.0	221.8	223.2	224.5	226.0
-62.5°	164.2	172.3	179.7	186.4	192.4	197.2	202.3	207.1	211.3	215.2	219.1
-65°	141.6	148.8	155.3	161.3	166.7	171.8	177.3	182.3	186.8	190.6	193.4
-67.5°	121.7	127.3	132.3	137.1	142.0	146.5	150.9	154.9	158.6	161.5	163.3
-70°	102.2	107.1	111.0	114.7	118.4	122.0	125.6	128.8	131.5	133.7	135.5
-72.5°	83.4	87.1	90.5	93.8	96.6	99.6	102.5	105.2	107.5	109.3	110.7
-75°	65.8	68.6	71.4	73.9	76.3	78.7	81.0	83.1	85.1	86.4	87.3
-77.5°	49.4	51.6	53.6	55.5	57.2	58.9	60.4	61.8	63.0	64.0	64.7
-80°	35.3	36.9	38.3	39.5	40.6	41.5	42.3	43.0	43.5	44.5	45.5
-82.5°	22.6	23.8	24.9	25.9	26.8	27.5	28.2	28.8	29.3	29.7	30.1
-85°	12.5	13.0	13.6	14.1	14.7	15.1	15.5	15.8	16.1	16.4	16.6
-87.5°	5.2	5.2	5.1	4.9	4.8	4.9	5.0	5.1	5.1	5.4	5.8
-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: P558708 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	6.1	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.4	5.1	5.1
85°	16.7	16.8	17.4	18.0	17.4	16.8	16.7	16.6	16.4	16.1	15.8
82.5°	30.3	30.5	30.7	30.7	30.7	30.5	30.3	30.1	29.7	29.3	28.8
80°	46.5	47.3	47.0	46.6	47.0	47.3	46.5	45.5	44.5	43.5	43.0
77.5°	65.1	65.3	65.0	64.6	65.0	65.3	65.1	64.7	64.0	63.0	61.8
75°	88.0	88.4	88.8	88.9	88.8	88.4	88.0	87.3	86.4	85.1	83.1
72.5°	111.8	112.6	112.6	112.2	112.6	112.6	111.8	110.7	109.3	107.5	105.2
70°	136.9	137.9	138.5	138.7	138.5	137.9	136.9	135.5	133.7	131.5	128.8
67.5°	164.6	165.3	166.0	166.2	166.0	165.3	164.6	163.3	161.5	158.6	154.9
65°	195.8	197.7	198.3	198.0	198.3	197.7	195.8	193.4	190.6	186.8	182.3
62.5°	222.7	225.9	227.3	227.6	227.3	225.9	222.7	219.1	215.2	211.3	207.1
60°	227.3	228.4	228.7	228.7	228.7	228.4	227.3	226.0	224.5	223.2	221.8
57.5°	215.0	213.8	213.0	212.8	213.0	213.8	215.0	216.4	217.9	219.8	221.7
55°	208.2	207.1	206.6	206.5	206.6	207.1	208.2	209.4	210.6	212.1	213.8
52.5°	212.8	212.7	213.1	213.9	213.1	212.7	212.8	212.7	212.4	211.9	211.3
50°	225.8	226.7	227.7	228.7	227.7	226.7	225.8	224.4	222.8	221.0	218.4
47.5°	251.2	252.7	253.6	254.1	253.6	252.7	251.2	248.4	244.5	239.7	233.5
45°	307.4	311.1	312.9	313.4	312.9	311.1	307.4	300.5	290.0	276.6	261.9
42.5°	389.7	395.2	397.6	398.1	397.6	395.2	389.7	379.7	364.4	343.5	320.9
40°	512.5	522.3	527.1	530.5	527.1	522.3	512.5	495.2	471.1	439.0	408.7
37.5°	727.4	752.1	766.1	778.2	766.1	752.1	727.4	689.3	638.5	573.5	530.5
35°	1080.2	1136.8	1170.1	1177.4	1170.1	1136.8	1080.2	1002.9	907.9	806.9	720.8
32.5°	1656.6	1767.6	1834.0	1842.3	1834.0	1767.6	1656.6	1509.1	1317.4	1139.2	996.3
30°	2849.8	3160.9	3374.1	3344.8	3374.1	3160.9	2849.8	2490.5	2027.7	1682.8	1393.2
27.5°	4974.1	5538.3	5904.7	5874.3	5904.7	5538.3	4974.1	4267.6	3405.1	2754.4	2007.7
25°	7244.5	7763.8	8070.3	8183.5	8070.3	7763.8	7244.5	6534.8	5611.6	4456.9	3249.2
22.5°	9098.5	9562.8	9827.9	9986.7	9827.9	9562.8	9098.5	8481.1	7584.2	6419.5	5072.9
20°	10519.0	10921.7	11149.8	11247.7	11149.8	10921.7	10519.0	9978.3	9185.8	8183.2	6807.8
17.5°	11611.9	11949.0	12207.2	12273.7	12207.2	11949.0	11611.9	11115.5	10412.9	9532.1	8335.3
15°	12578.6	13013.9	13318.5	13432.0	13318.5	13013.9	12578.6	11994.5	11362.8	10543.1	9507.5
12.5°	13797.5	14554.6	14957.1	15049.9	14957.1	14554.6	13797.5	12978.7	12132.2	11363.8	10366.5
10°	15599.3	16763.0	16894.8	16714.3	16894.8	16763.0	15599.3	14300.0	13030.6	12029.3	11029.3
7.5°	18223.2	19774.9	19439.4	18880.7	19439.4	19774.9	18223.2	15777.3	13946.3	12609.1	11506.9
5°	20101.1	22255.4	22322.3	21912.0	22322.3	22255.4	20101.1	17378.9	14921.7	13132.8	11887.9
2.5°	20848.6	23066.3	24170.0	24351.0	24170.0	23066.3	20848.6	18034.9	15467.8	13442.3	12137.1
0°	20904.6	23327.6	24636.3	24961.4	24636.3	23327.6	20904.6	18155.3	15559.2	13530.5	12230.3
-2.5°	20848.6	23066.3	24170.0	24351.0	24170.0	23066.3	20848.6	18034.9	15467.8	13442.3	12137.1
-5°	20101.1	22255.4	22322.3	21912.0	22322.3	22255.4	20101.1	17378.9	14921.7	13132.8	11887.9
-7.5°	18223.2	19774.9	19439.4	18880.7	19439.4	19774.9	18223.2	15777.3	13946.3	12609.1	11506.9
-10°	15599.3	16763.0	16894.8	16714.3	16894.8	16763.0	15599.3	14300.0	13030.6	12029.3	11029.3
-12.5°	13797.5	14554.6	14957.1	15049.9	14957.1	14554.6	13797.5	12978.7	12132.2	11363.8	10366.5
-15°	12578.6	13013.9	13318.5	13432.0	13318.5	13013.9	12578.6	11994.5	11362.8	10543.1	9507.5
-17.5°	11611.9	11949.0	12207.2	12273.7	12207.2	11949.0	11611.9	11115.5	10412.9	9532.1	8335.3
-20°	10519.0	10921.7	11149.8	11247.7	11149.8	10921.7	10519.0	9978.3	9185.8	8183.2	6807.8



REPORT NUMBER: P558708 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9098.5	9562.8	9827.9	9986.7	9827.9	9562.8	9098.5	8481.1	7584.2	6419.5	5072.9
-25°	7244.5	7763.8	8070.3	8183.5	8070.3	7763.8	7244.5	6534.8	5611.6	4456.9	3249.2
-27.5°	4974.1	5538.3	5904.7	5874.3	5904.7	5538.3	4974.1	4267.6	3405.1	2754.4	2007.7
-30°	2849.8	3160.9	3374.1	3344.8	3374.1	3160.9	2849.8	2490.5	2027.7	1682.8	1393.2
-32.5°	1656.6	1767.6	1834.0	1842.3	1834.0	1767.6	1656.6	1509.1	1317.4	1139.2	996.3
-35°	1080.2	1136.8	1170.1	1177.4	1170.1	1136.8	1080.2	1002.9	907.9	806.9	720.8
-37.5°	727.4	752.1	766.1	778.2	766.1	752.1	727.4	689.3	638.5	573.5	530.5
-40°	512.5	522.3	527.1	530.5	527.1	522.3	512.5	495.2	471.1	439.0	408.7
-42.5°	389.7	395.2	397.6	398.1	397.6	395.2	389.7	379.7	364.4	343.5	320.9
-45°	307.4	311.1	312.9	313.4	312.9	311.1	307.4	300.5	290.0	276.6	261.9
-47.5°	251.2	252.7	253.6	254.1	253.6	252.7	251.2	248.4	244.5	239.7	233.5
-50°	225.8	226.7	227.7	228.7	227.7	226.7	225.8	224.4	222.8	221.0	218.4
-52.5°	212.8	212.7	213.1	213.9	213.1	212.7	212.8	212.7	212.4	211.9	211.3
-55°	208.2	207.1	206.6	206.5	206.6	207.1	208.2	209.4	210.6	212.1	213.8
-57.5°	215.0	213.8	213.0	212.8	213.0	213.8	215.0	216.4	217.9	219.8	221.7
-60°	227.3	228.4	228.7	228.7	228.7	228.4	227.3	226.0	224.5	223.2	221.8
-62.5°	222.7	225.9	227.3	227.6	227.3	225.9	222.7	219.1	215.2	211.3	207.1
-65°	195.8	197.7	198.3	198.0	198.3	197.7	195.8	193.4	190.6	186.8	182.3
-67.5°	164.6	165.3	166.0	166.2	166.0	165.3	164.6	163.3	161.5	158.6	154.9
-70°	136.9	137.9	138.5	138.7	138.5	137.9	136.9	135.5	133.7	131.5	128.8
-72.5°	111.8	112.6	112.6	112.2	112.6	112.6	111.8	110.7	109.3	107.5	105.2
-75°	88.0	88.4	88.8	88.9	88.8	88.4	88.0	87.3	86.4	85.1	83.1
-77.5°	65.1	65.3	65.0	64.6	65.0	65.3	65.1	64.7	64.0	63.0	61.8
-80°	46.5	47.3	47.0	46.6	47.0	47.3	46.5	45.5	44.5	43.5	43.0
-82.5°	30.3	30.5	30.7	30.7	30.7	30.5	30.3	30.1	29.7	29.3	28.8
-85°	16.7	16.8	17.4	18.0	17.4	16.8	16.7	16.6	16.4	16.1	15.8
-87.5°	6.1	6.4	6.4	6.4	6.4	6.4	6.1	5.8	5.4	5.1	5.1
-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: P558708 (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°	5.0	4.9	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.7	4.5
85°	15.5	15.1	14.7	14.1	13.6	13.0	12.5	12.0	11.4	10.9	10.3
82.5°	28.2	27.5	26.8	25.9	24.9	23.8	22.6	21.5	20.3	19.0	17.7
80°	42.3	41.5	40.6	39.5	38.3	36.9	35.3	33.6	31.7	29.8	28.1
77.5°	60.4	58.9	57.2	55.5	53.6	51.6	49.4	47.2	45.0	42.7	40.0
75°	81.0	78.7	76.3	73.9	71.4	68.6	65.8	62.9	59.8	56.6	53.0
72.5°	102.5	99.6	96.6	93.8	90.5	87.1	83.4	79.3	75.3	71.2	66.9
70°	125.6	122.0	118.4	114.7	111.0	107.1	102.2	96.8	91.1	85.8	80.8
67.5°	150.9	146.5	142.0	137.1	132.3	127.3	121.7	115.6	109.2	102.5	95.7
65°	177.3	171.8	166.7	161.3	155.3	148.8	141.6	134.6	127.5	119.9	111.9
62.5°	202.3	197.2	192.4	186.4	179.7	172.3	164.2	155.7	146.9	137.6	128.7
60°	220.0	218.2	213.6	208.4	202.8	196.2	187.2	177.6	167.5	157.1	146.2
57.5°	223.5	224.1	223.1	222.0	220.7	215.0	207.3	199.1	188.7	176.8	164.4
55°	215.5	218.1	221.0	224.1	226.0	223.5	221.3	216.2	206.8	196.7	183.4
52.5°	210.9	213.1	215.3	217.4	220.3	222.9	225.1	222.7	220.6	212.0	200.9
50°	216.4	215.4	214.3	214.1	215.7	217.1	219.6	222.5	223.8	221.4	215.1
47.5°	229.6	225.5	221.0	218.5	215.8	213.7	215.4	217.6	221.6	224.8	221.8
45°	254.1	244.7	234.7	228.9	222.3	218.2	214.2	214.8	217.6	221.5	225.5
42.5°	301.7	278.9	261.2	247.4	234.7	227.1	220.2	216.1	215.1	218.2	221.6
40°	376.5	338.8	310.1	277.9	257.3	240.4	230.2	221.6	217.2	215.9	218.0
37.5°	480.1	428.2	381.2	332.2	295.3	263.6	244.6	231.5	222.0	217.0	215.5
35°	623.0	547.1	475.1	411.1	349.3	304.3	266.0	245.0	230.8	220.7	215.0
32.5°	837.4	720.1	595.9	511.0	427.3	356.8	304.8	264.5	240.6	227.2	218.2
30°	1149.4	956.6	785.6	631.8	522.7	427.8	350.3	295.1	256.6	234.3	222.1
27.5°	1598.0	1256.1	1027.0	808.8	631.9	512.6	413.0	330.6	275.5	245.8	228.1
25°	2396.7	1728.3	1315.7	1028.5	790.8	602.1	480.5	381.4	306.0	257.9	233.6
22.5°	3571.3	2533.7	1734.8	1270.1	974.2	736.1	558.4	434.4	334.7	275.7	243.1
20°	5266.8	3601.1	2431.0	1639.6	1187.4	867.4	644.6	494.1	379.6	299.7	252.6
17.5°	6812.2	5094.9	3291.9	2077.3	1453.3	1047.3	756.2	551.4	418.2	321.0	260.9
15°	8148.8	6388.5	4461.5	2803.7	1739.1	1212.9	860.4	602.8	454.5	346.6	276.8
12.5°	9097.8	7455.8	5537.0	3431.2	2073.1	1398.9	983.4	685.4	494.0	371.8	291.3
10°	9889.1	8294.5	6420.1	4267.5	2551.7	1599.0	1093.0	754.7	527.4	391.3	302.7
7.5°	10367.6	8915.0	7098.2	4973.1	2944.3	1767.0	1183.4	806.5	554.3	405.1	311.0
5°	10733.1	9357.8	7591.1	5505.7	3267.2	1893.6	1255.3	841.2	573.8	413.6	316.5
2.5°	11004.0	9611.8	7902.1	5827.5	3469.0	1976.6	1303.3	865.9	583.5	421.1	321.0
0°	11044.4	9694.4	7920.9	5885.9	3417.8	2014.9	1322.4	880.9	583.4	424.6	322.9
-2.5°	11004.0	9611.8	7902.1	5827.5	3469.0	1976.6	1303.3	865.9	583.5	421.1	321.0
-5°	10733.1	9357.8	7591.1	5505.7	3267.2	1893.6	1255.3	841.2	573.8	413.6	316.5
-7.5°	10367.6	8915.0	7098.2	4973.1	2944.3	1767.0	1183.4	806.5	554.3	405.1	311.0
-10°	9889.1	8294.5	6420.1	4267.5	2551.7	1599.0	1093.0	754.7	527.4	391.3	302.7
-12.5°	9097.8	7455.8	5537.0	3431.2	2073.1	1398.9	983.4	685.4	494.0	371.8	291.3
-15°	8148.8	6388.5	4461.5	2803.7	1739.1	1212.9	860.4	602.8	454.5	346.6	276.8
-17.5°	6812.2	5094.9	3291.9	2077.3	1453.3	1047.3	756.2	551.4	418.2	321.0	260.9
-20°	5266.8	3601.1	2431.0	1639.6	1187.4	867.4	644.6	494.1	379.6	299.7	252.6



REPORT NUMBER: P558708 (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°	3571.3	2533.7	1734.8	1270.1	974.2	736.1	558.4	434.4	334.7	275.7	243.1
-25°	2396.7	1728.3	1315.7	1028.5	790.8	602.1	480.5	381.4	306.0	257.9	233.6
-27.5°	1598.0	1256.1	1027.0	808.8	631.9	512.6	413.0	330.6	275.5	245.8	228.1
-30°	1149.4	956.6	785.6	631.8	522.7	427.8	350.3	295.1	256.6	234.3	222.1
-32.5°	837.4	720.1	595.9	511.0	427.3	356.8	304.8	264.5	240.6	227.2	218.2
-35°	623.0	547.1	475.1	411.1	349.3	304.3	266.0	245.0	230.8	220.7	215.0
-37.5°	480.1	428.2	381.2	332.2	295.3	263.6	244.6	231.5	222.0	217.0	215.5
-40°	376.5	338.8	310.1	277.9	257.3	240.4	230.2	221.6	217.2	215.9	218.0
-42.5°	301.7	278.9	261.2	247.4	234.7	227.1	220.2	216.1	215.1	218.2	221.6
-45°	254.1	244.7	234.7	228.9	222.3	218.2	214.2	214.8	217.6	221.5	225.5
-47.5°	229.6	225.5	221.0	218.5	215.8	213.7	215.4	217.6	221.6	224.8	221.8
-50°	216.4	215.4	214.3	214.1	215.7	217.1	219.6	222.5	223.8	221.4	215.1
-52.5°	210.9	213.1	215.3	217.4	220.3	222.9	225.1	222.7	220.6	212.0	200.9
-55°	215.5	218.1	221.0	224.1	226.0	223.5	221.3	216.2	206.8	196.7	183.4
-57.5°	223.5	224.1	223.1	222.0	220.7	215.0	207.3	199.1	188.7	176.8	164.4
-60°	220.0	218.2	213.6	208.4	202.8	196.2	187.2	177.6	167.5	157.1	146.2
-62.5°	202.3	197.2	192.4	186.4	179.7	172.3	164.2	155.7	146.9	137.6	128.7
-65°	177.3	171.8	166.7	161.3	155.3	148.8	141.6	134.6	127.5	119.9	111.9
-67.5°	150.9	146.5	142.0	137.1	132.3	127.3	121.7	115.6	109.2	102.5	95.7
-70°	125.6	122.0	118.4	114.7	111.0	107.1	102.2	96.8	91.1	85.8	80.8
-72.5°	102.5	99.6	96.6	93.8	90.5	87.1	83.4	79.3	75.3	71.2	66.9
-75°	81.0	78.7	76.3	73.9	71.4	68.6	65.8	62.9	59.8	56.6	53.0
-77.5°	60.4	58.9	57.2	55.5	53.6	51.6	49.4	47.2	45.0	42.7	40.0
-80°	42.3	41.5	40.6	39.5	38.3	36.9	35.3	33.6	31.7	29.8	28.1
-82.5°	28.2	27.5	26.8	25.9	24.9	23.8	22.6	21.5	20.3	19.0	17.7
-85°	15.5	15.1	14.7	14.1	13.6	13.0	12.5	12.0	11.4	10.9	10.3
-87.5°	5.0	4.9	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.7	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: P558708 (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°	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.7	2.4	2.2	1.9
85°	9.8	9.2	8.6	7.9	7.2	6.4	5.9	5.4	4.9	4.4	3.8
82.5°	16.5	15.7	14.9	13.9	12.8	11.6	10.4	9.2	8.0	6.7	5.8
80°	26.3	24.5	22.7	20.8	18.8	16.8	15.2	13.6	12.1	10.4	8.6
77.5°	37.1	34.2	31.2	28.6	25.9	23.3	20.7	18.2	16.2	14.1	12.0
75°	48.9	45.1	41.4	37.6	33.6	29.7	26.5	23.4	20.6	17.9	15.3
72.5°	62.1	57.2	52.2	46.9	42.2	37.5	32.8	28.6	25.2	21.9	18.7
70°	75.4	69.8	64.0	57.9	51.5	45.2	39.9	34.8	29.7	25.8	22.1
67.5°	88.8	82.6	76.0	68.9	61.7	54.4	47.1	41.1	35.5	29.7	25.4
65°	104.0	96.1	88.1	80.3	72.1	63.8	55.6	47.8	41.1	34.8	28.7
62.5°	119.5	110.2	101.1	91.9	82.8	73.5	64.1	55.6	46.9	39.7	32.7
60°	135.4	125.0	114.2	103.8	93.6	83.4	73.1	63.2	53.8	44.5	36.9
57.5°	152.2	139.9	127.9	115.8	104.3	93.2	82.0	71.0	60.5	50.2	41.0
55°	169.2	155.5	141.8	128.5	115.2	102.7	90.7	78.7	67.1	56.1	45.1
52.5°	187.3	171.3	155.9	141.1	126.7	112.3	99.4	86.1	73.7	61.7	50.0
50°	202.8	187.5	170.1	153.7	137.9	122.8	108.0	93.9	80.0	67.2	54.7
47.5°	215.6	201.2	184.5	166.2	149.2	132.9	117.0	101.6	86.1	72.5	59.3
45°	221.0	212.9	197.2	178.9	160.2	143.0	125.9	109.0	92.8	77.7	63.6
42.5°	224.1	219.0	207.9	190.9	171.6	152.8	134.5	116.8	99.4	82.6	67.8
40°	221.1	222.0	216.3	201.0	182.8	162.2	143.1	124.2	105.7	87.6	72.0
37.5°	217.6	221.3	219.0	210.7	193.2	172.2	151.3	131.3	111.8	93.0	75.9
35°	215.3	218.1	221.9	216.4	201.7	181.6	159.1	138.2	117.7	98.0	79.7
32.5°	213.4	215.5	219.8	218.9	209.7	190.7	167.0	144.7	123.4	102.7	83.2
30°	215.1	213.9	217.3	221.1	215.5	197.7	174.6	150.9	128.6	107.1	86.7
27.5°	217.6	212.3	215.1	220.1	217.4	204.0	181.6	156.6	133.5	111.2	90.2
25°	220.5	213.4	213.7	218.1	219.1	209.7	188.0	161.8	138.1	115.1	93.5
22.5°	225.1	215.1	212.2	216.2	220.7	214.9	193.2	167.1	142.4	118.7	96.4
20°	229.2	216.5	210.8	214.4	220.4	216.2	197.5	171.8	146.2	122.0	99.0
17.5°	233.4	218.7	211.7	213.2	218.9	217.4	201.4	175.9	149.6	124.8	101.4
15°	240.3	221.7	212.7	212.2	217.5	218.4	204.8	179.5	152.5	127.3	103.4
12.5°	246.1	224.2	213.5	211.3	216.1	219.3	207.8	182.4	155.0	129.4	105.1
10°	250.9	226.2	214.0	210.6	214.9	220.0	210.3	185.1	157.2	131.0	106.5
7.5°	254.5	227.6	214.3	210.1	213.9	220.6	212.6	187.8	159.1	132.2	107.7
5°	257.1	229.2	215.0	209.8	213.3	221.0	214.3	190.0	160.5	133.0	108.5
2.5°	259.4	231.3	216.1	209.6	212.9	221.2	215.4	191.6	161.5	133.4	108.9
0°	260.5	232.9	217.1	209.6	212.8	221.3	216.0	192.7	162.0	133.4	109.1
-2.5°	259.4	231.3	216.1	209.6	212.9	221.2	215.4	191.6	161.5	133.4	108.9
-5°	257.1	229.2	215.0	209.8	213.3	221.0	214.3	190.0	160.5	133.0	108.5
-7.5°	254.5	227.6	214.3	210.1	213.9	220.6	212.6	187.8	159.1	132.2	107.7
-10°	250.9	226.2	214.0	210.6	214.9	220.0	210.3	185.1	157.2	131.0	106.5
-12.5°	246.1	224.2	213.5	211.3	216.1	219.3	207.8	182.4	155.0	129.4	105.1
-15°	240.3	221.7	212.7	212.2	217.5	218.4	204.8	179.5	152.5	127.3	103.4
-17.5°	233.4	218.7	211.7	213.2	218.9	217.4	201.4	175.9	149.6	124.8	101.4
-20°	229.2	216.5	210.8	214.4	220.4	216.2	197.5	171.8	146.2	122.0	99.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	225.1	215.1	212.2	216.2	220.7	214.9	193.2	167.1	142.4	118.7	96.4
-25°	220.5	213.4	213.7	218.1	219.1	209.7	188.0	161.8	138.1	115.1	93.5
-27.5°	217.6	212.3	215.1	220.1	217.4	204.0	181.6	156.6	133.5	111.2	90.2
-30°	215.1	213.9	217.3	221.1	215.5	197.7	174.6	150.9	128.6	107.1	86.7
-32.5°	213.4	215.5	219.8	218.9	209.7	190.7	167.0	144.7	123.4	102.7	83.2
-35°	215.3	218.1	221.9	216.4	201.7	181.6	159.1	138.2	117.7	98.0	79.7
-37.5°	217.6	221.3	219.0	210.7	193.2	172.2	151.3	131.3	111.8	93.0	75.9
-40°	221.1	222.0	216.3	201.0	182.8	162.2	143.1	124.2	105.7	87.6	72.0
-42.5°	224.1	219.0	207.9	190.9	171.6	152.8	134.5	116.8	99.4	82.6	67.8
-45°	221.0	212.9	197.2	178.9	160.2	143.0	125.9	109.0	92.8	77.7	63.6
-47.5°	215.6	201.2	184.5	166.2	149.2	132.9	117.0	101.6	86.1	72.5	59.3
-50°	202.8	187.5	170.1	153.7	137.9	122.8	108.0	93.9	80.0	67.2	54.7
-52.5°	187.3	171.3	155.9	141.1	126.7	112.3	99.4	86.1	73.7	61.7	50.0
-55°	169.2	155.5	141.8	128.5	115.2	102.7	90.7	78.7	67.1	56.1	45.1
-57.5°	152.2	139.9	127.9	115.8	104.3	93.2	82.0	71.0	60.5	50.2	41.0
-60°	135.4	125.0	114.2	103.8	93.6	83.4	73.1	63.2	53.8	44.5	36.9
-62.5°	119.5	110.2	101.1	91.9	82.8	73.5	64.1	55.6	46.9	39.7	32.7
-65°	104.0	96.1	88.1	80.3	72.1	63.8	55.6	47.8	41.1	34.8	28.7
-67.5°	88.8	82.6	76.0	68.9	61.7	54.4	47.1	41.1	35.5	29.7	25.4
-70°	75.4	69.8	64.0	57.9	51.5	45.2	39.9	34.8	29.7	25.8	22.1
-72.5°	62.1	57.2	52.2	46.9	42.2	37.5	32.8	28.6	25.2	21.9	18.7
-75°	48.9	45.1	41.4	37.6	33.6	29.7	26.5	23.4	20.6	17.9	15.3
-77.5°	37.1	34.2	31.2	28.6	25.9	23.3	20.7	18.2	16.2	14.1	12.0
-80°	26.3	24.5	22.7	20.8	18.8	16.8	15.2	13.6	12.1	10.4	8.6
-82.5°	16.5	15.7	14.9	13.9	12.8	11.6	10.4	9.2	8.0	6.7	5.8
-85°	9.8	9.2	8.6	7.9	7.2	6.4	5.9	5.4	4.9	4.4	3.8
-87.5°	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.7	2.4	2.2	1.9
-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°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
80°	6.8	5.5	4.4	3.3	2.2	1.1	0.0
77.5°	9.7	7.2	5.5	4.1	2.8	1.4	0.0
75°	12.6	9.6	6.7	5.0	3.3	1.7	0.0
72.5°	15.5	11.9	8.6	5.8	3.8	1.9	0.0
70°	18.3	14.2	10.4	6.7	4.4	2.2	0.0
67.5°	21.1	16.5	12.1	8.0	4.9	2.4	0.0
65°	23.9	18.8	13.9	9.2	5.4	2.7	0.0
62.5°	26.7	21.2	15.6	10.5	5.9	3.0	0.0
60°	29.5	23.6	17.2	11.7	6.4	3.2	0.0
57.5°	33.0	26.0	19.1	12.9	7.2	3.4	0.0
55°	36.5	28.3	21.0	14.0	8.0	3.7	0.0
52.5°	39.9	30.6	22.8	15.1	8.7	3.9	0.0
50°	43.2	33.4	24.6	16.2	9.5	4.1	0.0
47.5°	46.5	36.0	26.4	17.3	10.2	4.3	0.0
45°	50.2	38.6	28.1	18.6	10.9	4.5	0.0
42.5°	53.7	41.0	29.7	19.8	11.5	4.7	0.0
40°	57.0	43.4	31.5	21.0	12.2	4.9	0.0
37.5°	60.1	45.6	33.2	22.1	12.8	5.1	0.0
35°	63.0	47.9	34.9	23.2	13.4	5.2	0.0
32.5°	65.8	50.2	36.5	24.2	14.0	5.4	0.0
30°	68.7	52.3	38.0	25.1	14.5	5.5	0.0
27.5°	71.3	54.3	39.3	25.9	15.0	5.7	0.0
25°	73.7	56.1	40.4	26.6	15.4	5.8	0.0
22.5°	76.0	57.6	41.5	27.3	15.9	5.9	0.0
20°	78.0	58.9	42.4	27.9	16.3	6.0	0.0
17.5°	79.8	60.1	43.2	28.3	16.6	6.1	0.0
15°	81.3	61.1	43.9	28.7	16.9	6.2	0.0
12.5°	82.7	61.9	44.5	29.1	17.2	6.2	0.0
10°	83.8	62.6	44.9	29.3	17.5	6.3	0.0
7.5°	84.7	63.1	45.2	29.5	17.7	6.3	0.0
5°	85.3	63.4	45.4	29.6	17.8	6.4	0.0
2.5°	85.7	63.5	45.5	29.6	17.9	6.4	0.0
0°	85.8	63.5	45.5	29.6	18.0	6.4	0.0
-2.5°	85.7	63.5	45.5	29.6	17.9	6.4	0.0
-5°	85.3	63.4	45.4	29.6	17.8	6.4	0.0
-7.5°	84.7	63.1	45.2	29.5	17.7	6.3	0.0
-10°	83.8	62.6	44.9	29.3	17.5	6.3	0.0
-12.5°	82.7	61.9	44.5	29.1	17.2	6.2	0.0
-15°	81.3	61.1	43.9	28.7	16.9	6.2	0.0
-17.5°	79.8	60.1	43.2	28.3	16.6	6.1	0.0
-20°	78.0	58.9	42.4	27.9	16.3	6.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	76.0	57.6	41.5	27.3	15.9	5.9	0.0
-25°	73.7	56.1	40.4	26.6	15.4	5.8	0.0
-27.5°	71.3	54.3	39.3	25.9	15.0	5.7	0.0
-30°	68.7	52.3	38.0	25.1	14.5	5.5	0.0
-32.5°	65.8	50.2	36.5	24.2	14.0	5.4	0.0
-35°	63.0	47.9	34.9	23.2	13.4	5.2	0.0
-37.5°	60.1	45.6	33.2	22.1	12.8	5.1	0.0
-40°	57.0	43.4	31.5	21.0	12.2	4.9	0.0
-42.5°	53.7	41.0	29.7	19.8	11.5	4.7	0.0
-45°	50.2	38.6	28.1	18.6	10.9	4.5	0.0
-47.5°	46.5	36.0	26.4	17.3	10.2	4.3	0.0
-50°	43.2	33.4	24.6	16.2	9.5	4.1	0.0
-52.5°	39.9	30.6	22.8	15.1	8.7	3.9	0.0
-55°	36.5	28.3	21.0	14.0	8.0	3.7	0.0
-57.5°	33.0	26.0	19.1	12.9	7.2	3.4	0.0
-60°	29.5	23.6	17.2	11.7	6.4	3.2	0.0
-62.5°	26.7	21.2	15.6	10.5	5.9	3.0	0.0
-65°	23.9	18.8	13.9	9.2	5.4	2.7	0.0
-67.5°	21.1	16.5	12.1	8.0	4.9	2.4	0.0
-70°	18.3	14.2	10.4	6.7	4.4	2.2	0.0
-72.5°	15.5	11.9	8.6	5.8	3.8	1.9	0.0
-75°	12.6	9.6	6.7	5.0	3.3	1.7	0.0
-77.5°	9.7	7.2	5.5	4.1	2.8	1.4	0.0
-80°	6.8	5.5	4.4	3.3	2.2	1.1	0.0
-82.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0
-85°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)