

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: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-930-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558884 (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-SA4B-930-U-MR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (64) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

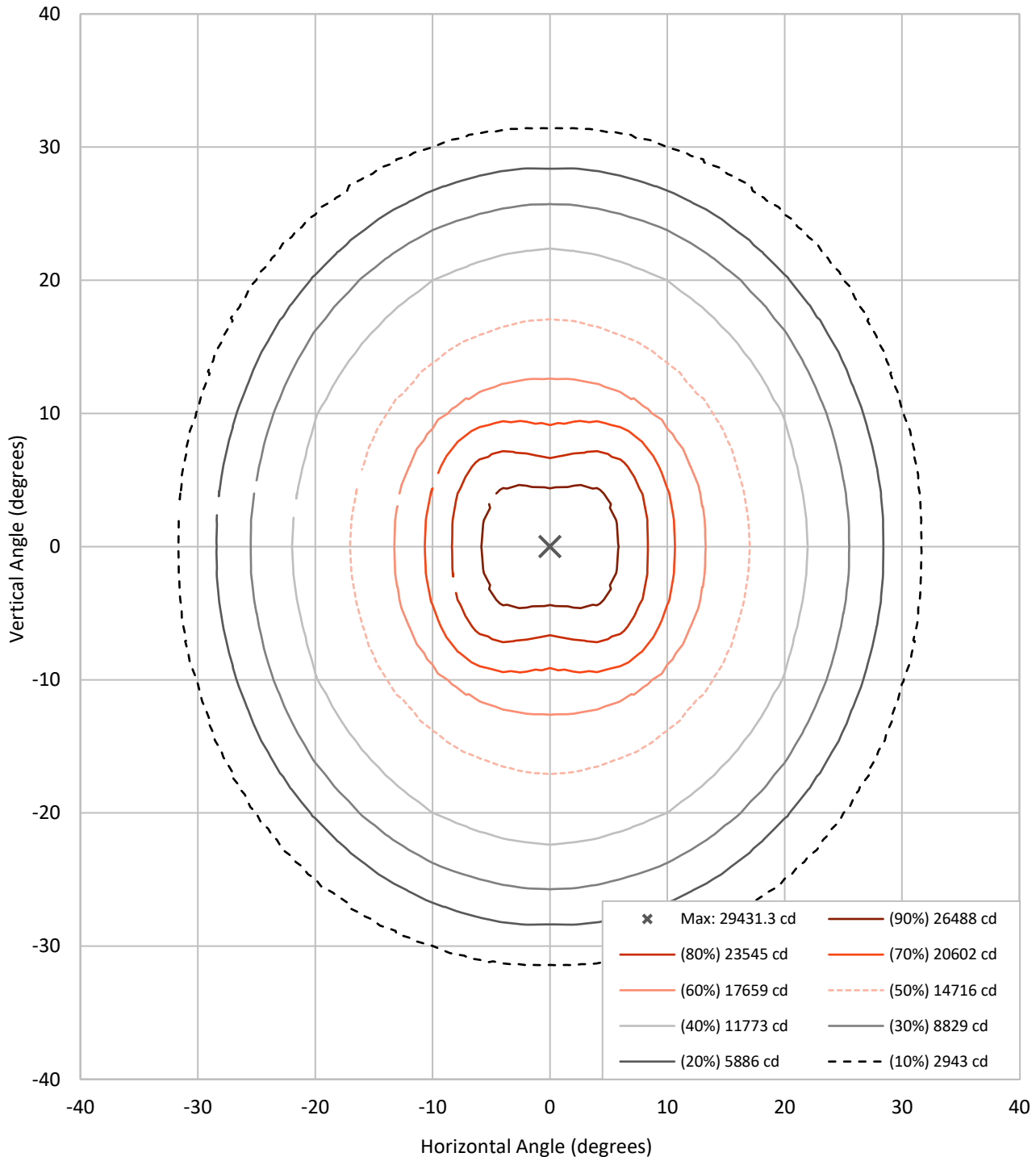
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13019.6 lumens	Max Intensity:	29431.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	5545.5 lumens	Field Lumens:	11333.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 126  
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





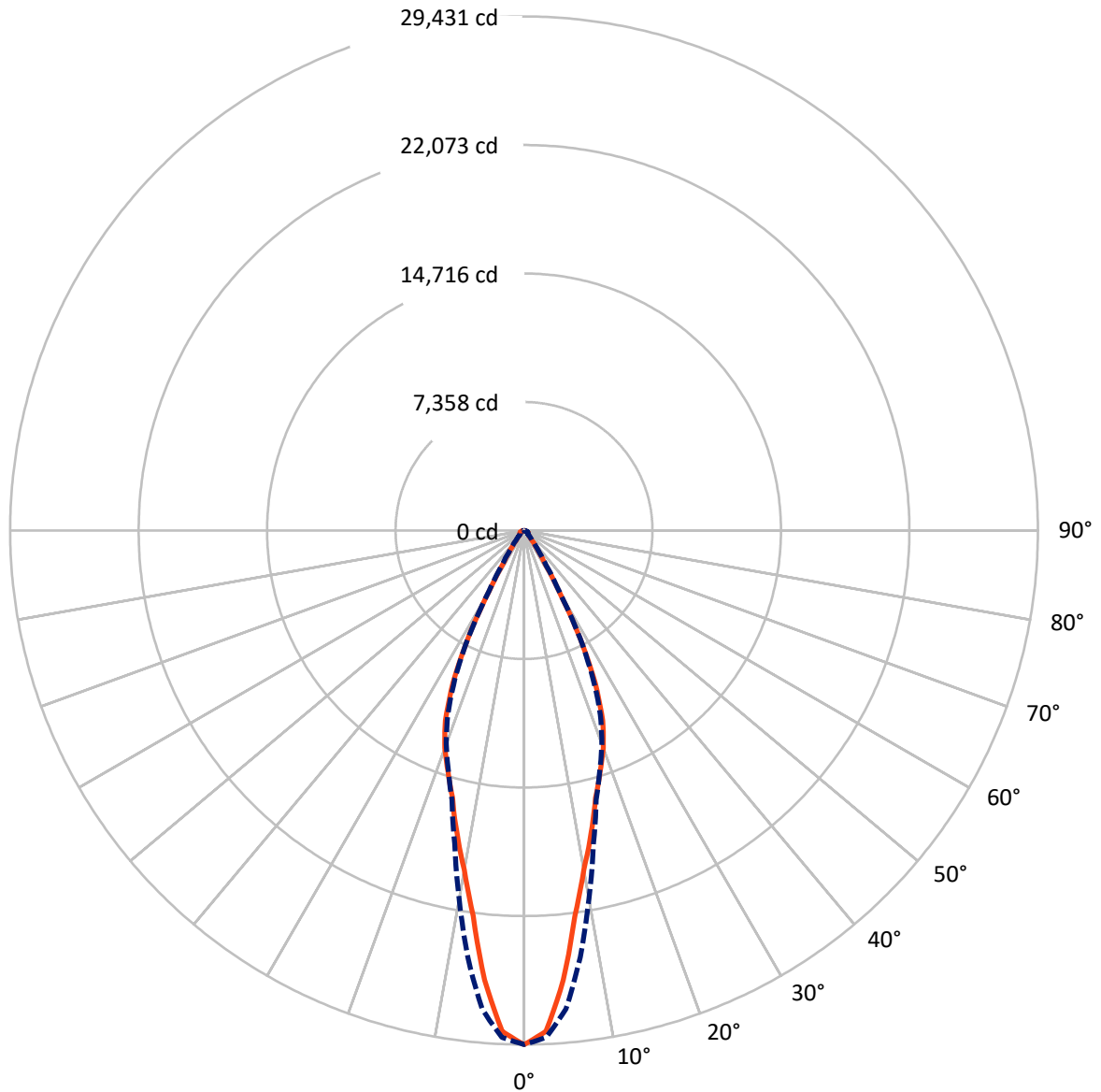
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### Lumen Table

90	0.2		1.4		4.0		6.6		7.8		6.6		4.0		1.4		0.2		
80	0.2		1.4		4.0		6.6		7.8		6.6		4.0		1.4		0.2		
70	0.7	0.8	1.7	2.9	4.2	5.4	6.3	6.9	6.9	6.3	5.4	4.2	2.9	1.7	0.8	0.7			
60		1.2	2.7	4.6	6.3	7.1	7.5	7.7	7.7	7.5	7.1	6.3	4.6	2.7	1.2				
50	1.2	1.7	3.7	5.5	6.5	8.0	10.3	11.9	11.9	10.3	8.0	6.5	5.5	3.7	1.7	1.2			
40		2.1	4.3	5.6	8.4	16.6	31.6	48.2	48.2	31.6	16.6	8.4	5.6	4.3	2.1				
30	1.7	2.5	4.4	6.2	15.3	50.6	159.3	262.3	262.3	159.3	50.6	15.3	6.2	4.4	2.5	1.7			
20		2.7	4.4	7.7	28.5	150.2	354.8	470.0	470.0	354.8	150.2	28.5	7.7	4.4	2.7				
10	1.9	2.8	4.4	8.9	43.3	236.5	461.5	728.2	728.2	461.5	236.5	43.3	8.9	4.4	2.8	1.9			
0		2.8	4.4	8.9	43.3	236.5	461.5	728.2	728.2	461.5	236.5	43.3	8.9	4.4	2.8				
-10	1.7	2.7	4.4	7.7	28.5	150.2	354.8	470.0	470.0	354.8	150.2	28.5	7.7	4.4	2.7	1.7			
-20		2.5	4.4	6.2	15.3	50.6	159.3	262.3	262.3	159.3	50.6	15.3	6.2	4.4	2.5				
-30	1.2	2.1	4.3	5.6	8.4	16.6	31.6	48.2	48.2	31.6	16.6	8.4	5.6	4.3	2.1	1.2			
-40		1.7	3.7	5.5	6.5	8.0	10.3	11.9	11.9	10.3	8.0	6.5	5.5	3.7	1.7				
-50	0.7	1.2	2.7	4.6	6.3	7.1	7.5	7.7	7.7	7.5	7.1	6.3	4.6	2.7	1.2	0.7			
-60		0.8	1.7	2.9	4.2	5.4	6.3	6.9	6.9	6.3	5.4	4.2	2.9	1.7	0.8				
-70	0.2		1.4		4.0		6.6		7.8		6.6		4.0		1.4		0.2		
-80	0.2		1.4		4.0		6.6		7.8		6.6		4.0		1.4		0.2		
-90	0.2		1.4		4.0		6.6		7.8		6.6		4.0		1.4		0.2		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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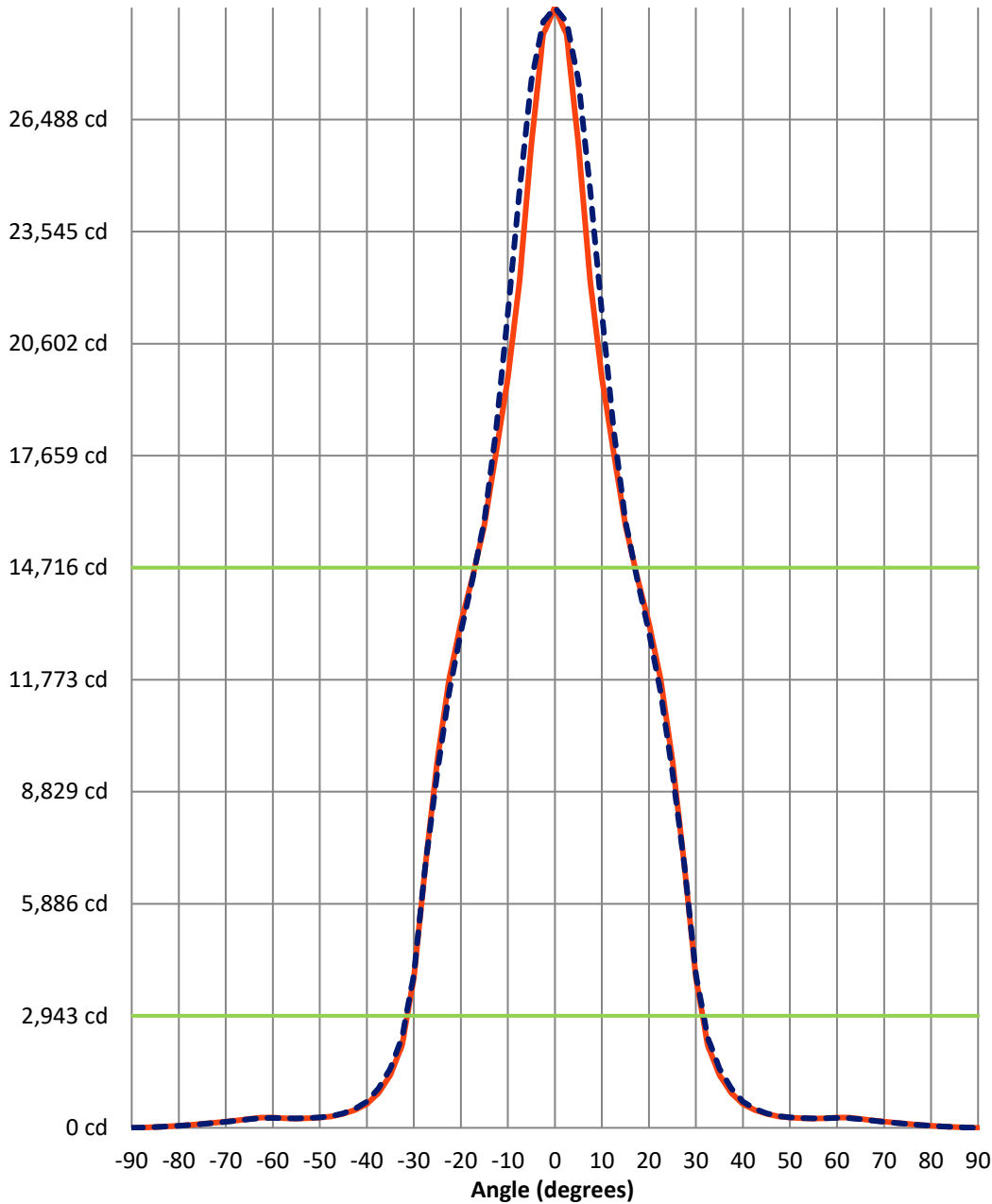
### Luminous Intensity Polar Plot



— 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: 5545.5  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 11333.9  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 1685.7  
 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	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	7.8	9.4	10.8
80°	0.0	1.3	2.6	3.9	5.2	6.5	7.9	10.1	12.3	14.2	16.1
77.5°	0.0	1.6	3.2	4.9	6.5	8.5	11.4	14.1	16.7	19.1	21.5
75°	0.0	1.9	3.9	5.8	7.9	11.3	14.8	18.1	21.1	24.4	27.7
72.5°	0.0	2.3	4.5	6.7	10.1	14.1	18.2	22.0	25.9	29.8	33.8
70°	0.0	2.6	5.1	7.8	12.2	16.8	21.5	26.1	30.5	35.2	41.1
67.5°	0.0	2.9	5.7	9.3	14.3	19.5	24.9	30.0	35.2	41.9	48.5
65°	0.0	3.2	6.3	10.9	16.4	22.2	28.3	33.9	41.1	48.5	56.4
62.5°	0.0	3.5	6.9	12.4	18.4	25.1	31.6	38.6	46.9	55.4	65.6
60°	0.0	3.7	7.5	13.8	20.3	27.9	34.9	43.6	52.6	63.5	74.5
57.5°	0.0	4.0	8.4	15.2	22.6	30.6	39.0	48.5	59.3	71.4	83.7
55°	0.0	4.3	9.4	16.6	24.8	33.4	43.1	53.3	66.2	79.2	92.8
52.5°	0.0	4.6	10.3	17.9	27.0	36.1	47.1	59.0	72.8	86.9	101.5
50°	0.0	4.8	11.1	19.1	29.1	39.4	50.9	64.6	79.3	94.3	110.7
47.5°	0.0	5.1	12.0	20.4	31.1	42.5	54.8	69.9	85.6	101.4	119.7
45°	0.0	5.3	12.8	21.9	33.1	45.5	59.2	75.0	91.5	109.4	128.5
42.5°	0.0	5.5	13.6	23.4	35.1	48.4	63.3	80.0	97.3	117.1	137.7
40°	0.0	5.7	14.4	24.8	37.1	51.1	67.2	84.9	103.3	124.6	146.5
37.5°	0.0	5.9	15.1	26.1	39.2	53.7	70.9	89.5	109.6	131.8	154.9
35°	0.0	6.1	15.8	27.4	41.2	56.5	74.3	93.9	115.5	138.8	163.0
32.5°	0.0	6.3	16.5	28.5	43.0	59.2	77.6	98.1	121.0	145.4	170.7
30°	0.0	6.5	17.1	29.6	44.8	61.7	81.0	102.2	126.2	151.6	177.9
27.5°	0.0	6.7	17.7	30.6	46.3	64.0	84.1	106.3	131.1	157.4	184.6
25°	0.0	6.8	18.2	31.4	47.7	66.1	86.9	110.2	135.7	162.8	190.8
22.5°	0.0	6.9	18.7	32.2	48.9	67.9	89.5	113.6	140.0	167.8	197.0
20°	0.0	7.0	19.2	32.9	50.0	69.5	91.9	116.7	143.8	172.4	202.6
17.5°	0.0	7.2	19.6	33.5	50.9	70.9	94.0	119.5	147.1	176.4	207.5
15°	0.0	7.2	20.0	34.0	51.8	72.1	95.8	121.8	150.1	179.8	211.7
12.5°	0.0	7.3	20.3	34.3	52.4	73.1	97.4	123.9	152.5	182.8	215.2
10°	0.0	7.4	20.6	34.7	53.0	73.8	98.7	125.6	154.4	185.4	218.3
7.5°	0.0	7.4	20.8	34.9	53.4	74.4	99.8	126.9	155.9	187.6	221.5
5°	0.0	7.5	21.0	35.0	53.6	74.8	100.5	127.8	156.8	189.3	224.1
2.5°	0.0	7.5	21.1	35.0	53.7	74.9	100.9	128.4	157.3	190.5	226.0
0°	0.0	7.5	21.2	35.0	53.7	74.9	101.1	128.6	157.3	191.0	227.2
-2.5°	0.0	7.5	21.1	35.0	53.7	74.9	100.9	128.4	157.3	190.5	226.0
-5°	0.0	7.5	21.0	35.0	53.6	74.8	100.5	127.8	156.8	189.3	224.1
-7.5°	0.0	7.4	20.8	34.9	53.4	74.4	99.8	126.9	155.9	187.6	221.5
-10°	0.0	7.4	20.6	34.7	53.0	73.8	98.7	125.6	154.4	185.4	218.3
-12.5°	0.0	7.3	20.3	34.3	52.4	73.1	97.4	123.9	152.5	182.8	215.2
-15°	0.0	7.2	20.0	34.0	51.8	72.1	95.8	121.8	150.1	179.8	211.7
-17.5°	0.0	7.2	19.6	33.5	50.9	70.9	94.0	119.5	147.1	176.4	207.5
-20°	0.0	7.0	19.2	32.9	50.0	69.5	91.9	116.7	143.8	172.4	202.6



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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	6.9	18.7	32.2	48.9	67.9	89.5	113.6	140.0	167.8	197.0
-25°	0.0	6.8	18.2	31.4	47.7	66.1	86.9	110.2	135.7	162.8	190.8
-27.5°	0.0	6.7	17.7	30.6	46.3	64.0	84.1	106.3	131.1	157.4	184.6
-30°	0.0	6.5	17.1	29.6	44.8	61.7	81.0	102.2	126.2	151.6	177.9
-32.5°	0.0	6.3	16.5	28.5	43.0	59.2	77.6	98.1	121.0	145.4	170.7
-35°	0.0	6.1	15.8	27.4	41.2	56.5	74.3	93.9	115.5	138.8	163.0
-37.5°	0.0	5.9	15.1	26.1	39.2	53.7	70.9	89.5	109.6	131.8	154.9
-40°	0.0	5.7	14.4	24.8	37.1	51.1	67.2	84.9	103.3	124.6	146.5
-42.5°	0.0	5.5	13.6	23.4	35.1	48.4	63.3	80.0	97.3	117.1	137.7
-45°	0.0	5.3	12.8	21.9	33.1	45.5	59.2	75.0	91.5	109.4	128.5
-47.5°	0.0	5.1	12.0	20.4	31.1	42.5	54.8	69.9	85.6	101.4	119.7
-50°	0.0	4.8	11.1	19.1	29.1	39.4	50.9	64.6	79.3	94.3	110.7
-52.5°	0.0	4.6	10.3	17.9	27.0	36.1	47.1	59.0	72.8	86.9	101.5
-55°	0.0	4.3	9.4	16.6	24.8	33.4	43.1	53.3	66.2	79.2	92.8
-57.5°	0.0	4.0	8.4	15.2	22.6	30.6	39.0	48.5	59.3	71.4	83.7
-60°	0.0	3.7	7.5	13.8	20.3	27.9	34.9	43.6	52.6	63.5	74.5
-62.5°	0.0	3.5	6.9	12.4	18.4	25.1	31.6	38.6	46.9	55.4	65.6
-65°	0.0	3.2	6.3	10.9	16.4	22.2	28.3	33.9	41.1	48.5	56.4
-67.5°	0.0	2.9	5.7	9.3	14.3	19.5	24.9	30.0	35.2	41.9	48.5
-70°	0.0	2.6	5.1	7.8	12.2	16.8	21.5	26.1	30.5	35.2	41.1
-72.5°	0.0	2.3	4.5	6.7	10.1	14.1	18.2	22.0	25.9	29.8	33.8
-75°	0.0	1.9	3.9	5.8	7.9	11.3	14.8	18.1	21.1	24.4	27.7
-77.5°	0.0	1.6	3.2	4.9	6.5	8.5	11.4	14.1	16.7	19.1	21.5
-80°	0.0	1.3	2.6	3.9	5.2	6.5	7.9	10.1	12.3	14.2	16.1
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	7.8	9.4	10.8
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.5	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.7	5.9
85°	6.9	7.5	8.4	9.3	10.1	10.9	11.5	12.1	12.8	13.5	14.1
82.5°	12.3	13.7	15.1	16.5	17.5	18.5	19.5	20.8	22.4	23.9	25.3
80°	18.0	19.9	22.2	24.6	26.8	28.9	31.0	33.1	35.2	37.4	39.6
77.5°	24.5	27.5	30.6	33.7	36.8	40.3	43.8	47.2	50.3	53.1	55.7
75°	31.3	35.1	39.7	44.3	48.8	53.2	57.6	62.5	66.7	70.5	74.1
72.5°	38.8	44.3	49.8	55.3	61.5	67.5	73.3	78.8	83.9	88.7	93.5
70°	47.1	53.4	60.8	68.2	75.4	82.3	88.9	95.3	101.2	107.5	114.1
67.5°	55.6	64.2	72.8	81.2	89.6	97.4	104.7	112.9	120.9	128.7	136.3
65°	65.6	75.2	85.0	94.7	104.0	113.3	122.7	132.0	141.4	150.3	158.7
62.5°	75.6	86.7	97.7	108.4	119.3	129.9	140.9	151.8	162.2	173.1	183.6
60°	86.2	98.4	110.3	122.4	134.6	147.4	159.6	172.4	185.2	197.5	209.4
57.5°	96.7	109.9	123.0	136.6	150.9	165.0	179.5	193.8	208.4	222.5	234.7
55°	106.9	121.1	135.8	151.5	167.2	183.4	199.6	216.2	232.0	243.8	254.9
52.5°	117.2	132.5	149.4	166.4	183.8	202.0	220.8	236.9	250.0	260.1	262.6
50°	127.3	144.8	162.6	181.3	200.6	221.1	239.1	253.6	261.0	263.9	262.4
47.5°	137.9	156.7	175.9	196.0	217.6	237.2	254.1	261.5	265.1	261.3	256.5
45°	148.5	168.6	188.9	210.9	232.5	251.0	260.6	265.9	261.1	256.5	253.2
42.5°	158.6	180.2	202.4	225.1	245.2	258.3	264.3	261.3	257.2	253.7	254.9
40°	168.7	191.3	215.6	237.0	255.1	261.8	260.7	257.0	254.6	256.2	261.3
37.5°	178.4	203.0	227.8	248.5	258.3	261.0	256.5	254.1	255.9	261.8	273.0
35°	187.6	214.2	237.8	255.2	261.7	257.1	253.9	253.5	260.2	272.2	288.9
32.5°	196.9	224.9	247.2	258.1	259.2	254.1	251.6	257.4	267.9	283.7	311.8
30°	205.9	233.1	254.1	260.8	256.2	252.3	253.6	261.9	276.2	302.5	347.9
27.5°	214.2	240.5	256.4	259.5	253.7	250.4	256.6	269.0	289.8	324.8	389.7
25°	221.7	247.3	258.3	257.1	252.0	251.6	260.0	275.3	304.0	360.7	449.7
22.5°	227.9	253.4	260.2	254.9	250.2	253.6	265.4	286.7	325.1	394.6	512.1
20°	233.0	255.0	259.8	252.8	248.6	255.2	270.2	297.8	353.4	447.5	582.5
17.5°	237.5	256.3	258.1	251.4	249.6	257.9	275.2	307.7	378.5	493.0	650.1
15°	241.6	257.5	256.4	250.2	250.8	261.4	283.3	326.4	408.6	535.9	710.8
12.5°	245.1	258.6	254.8	249.2	251.7	264.3	290.2	343.4	438.4	582.4	808.2
10°	248.0	259.4	253.4	248.4	252.3	266.6	295.8	356.9	461.3	621.9	889.9
7.5°	250.7	260.1	252.1	247.7	252.6	268.3	300.1	366.7	477.6	653.5	951.0
5°	252.7	260.6	251.5	247.4	253.5	270.2	303.2	373.1	487.6	676.6	991.9
2.5°	254.0	260.8	251.0	247.3	254.8	272.8	305.9	378.5	496.4	688.0	1021.0
0°	254.7	260.9	250.9	247.2	255.9	274.7	307.1	380.8	500.6	687.9	1038.7
-2.5°	254.0	260.8	251.0	247.3	254.8	272.8	305.9	378.5	496.4	688.0	1021.0
-5°	252.7	260.6	251.5	247.4	253.5	270.2	303.2	373.1	487.6	676.6	991.9
-7.5°	250.7	260.1	252.1	247.7	252.6	268.3	300.1	366.7	477.6	653.5	951.0
-10°	248.0	259.4	253.4	248.4	252.3	266.6	295.8	356.9	461.3	621.9	889.9
-12.5°	245.1	258.6	254.8	249.2	251.7	264.3	290.2	343.4	438.4	582.4	808.2
-15°	241.6	257.5	256.4	250.2	250.8	261.4	283.3	326.4	408.6	535.9	710.8
-17.5°	237.5	256.3	258.1	251.4	249.6	257.9	275.2	307.7	378.5	493.0	650.1
-20°	233.0	255.0	259.8	252.8	248.6	255.2	270.2	297.8	353.4	447.5	582.5



REPORT NUMBER: P558884 (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°	227.9	253.4	260.2	254.9	250.2	253.6	265.4	286.7	325.1	394.6	512.1
-25°	221.7	247.3	258.3	257.1	252.0	251.6	260.0	275.3	304.0	360.7	449.7
-27.5°	214.2	240.5	256.4	259.5	253.7	250.4	256.6	269.0	289.8	324.8	389.7
-30°	205.9	233.1	254.1	260.8	256.2	252.3	253.6	261.9	276.2	302.5	347.9
-32.5°	196.9	224.9	247.2	258.1	259.2	254.1	251.6	257.4	267.9	283.7	311.8
-35°	187.6	214.2	237.8	255.2	261.7	257.1	253.9	253.5	260.2	272.2	288.9
-37.5°	178.4	203.0	227.8	248.5	258.3	261.0	256.5	254.1	255.9	261.8	273.0
-40°	168.7	191.3	215.6	237.0	255.1	261.8	260.7	257.0	254.6	256.2	261.3
-42.5°	158.6	180.2	202.4	225.1	245.2	258.3	264.3	261.3	257.2	253.7	254.9
-45°	148.5	168.6	188.9	210.9	232.5	251.0	260.6	265.9	261.1	256.5	253.2
-47.5°	137.9	156.7	175.9	196.0	217.6	237.2	254.1	261.5	265.1	261.3	256.5
-50°	127.3	144.8	162.6	181.3	200.6	221.1	239.1	253.6	261.0	263.9	262.4
-52.5°	117.2	132.5	149.4	166.4	183.8	202.0	220.8	236.9	250.0	260.1	262.6
-55°	106.9	121.1	135.8	151.5	167.2	183.4	199.6	216.2	232.0	243.8	254.9
-57.5°	96.7	109.9	123.0	136.6	150.9	165.0	179.5	193.8	208.4	222.5	234.7
-60°	86.2	98.4	110.3	122.4	134.6	147.4	159.6	172.4	185.2	197.5	209.4
-62.5°	75.6	86.7	97.7	108.4	119.3	129.9	140.9	151.8	162.2	173.1	183.6
-65°	65.6	75.2	85.0	94.7	104.0	113.3	122.7	132.0	141.4	150.3	158.7
-67.5°	55.6	64.2	72.8	81.2	89.6	97.4	104.7	112.9	120.9	128.7	136.3
-70°	47.1	53.4	60.8	68.2	75.4	82.3	88.9	95.3	101.2	107.5	114.1
-72.5°	38.8	44.3	49.8	55.3	61.5	67.5	73.3	78.8	83.9	88.7	93.5
-75°	31.3	35.1	39.7	44.3	48.8	53.2	57.6	62.5	66.7	70.5	74.1
-77.5°	24.5	27.5	30.6	33.7	36.8	40.3	43.8	47.2	50.3	53.1	55.7
-80°	18.0	19.9	22.2	24.6	26.8	28.9	31.0	33.1	35.2	37.4	39.6
-82.5°	12.3	13.7	15.1	16.5	17.5	18.5	19.5	20.8	22.4	23.9	25.3
-85°	6.9	7.5	8.4	9.3	10.1	10.9	11.5	12.1	12.8	13.5	14.1
-87.5°	3.5	3.7	4.0	4.3	4.6	4.8	5.1	5.3	5.5	5.7	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	6.1	6.1	5.9	5.8	5.6	5.7	5.8	5.9	6.0	6.4	6.7
85°	14.6	15.3	16.0	16.7	17.4	17.9	18.3	18.7	19.1	19.4	19.6
82.5°	26.7	28.1	29.4	30.6	31.6	32.5	33.3	33.9	34.5	35.0	35.5
80°	41.6	43.5	45.1	46.6	47.9	49.0	49.9	50.7	51.3	52.5	53.8
77.5°	58.3	60.9	63.2	65.4	67.4	69.4	71.2	72.8	74.3	75.4	76.2
75°	77.6	80.8	84.1	87.1	89.9	92.8	95.5	98.0	100.3	101.9	103.0
72.5°	98.3	102.7	106.7	110.6	114.0	117.5	120.9	124.0	126.8	128.9	130.5
70°	120.5	126.2	130.9	135.2	139.5	143.9	148.1	151.8	155.0	157.6	159.7
67.5°	143.4	150.0	155.9	161.6	167.3	172.7	177.9	182.6	187.0	190.3	192.6
65°	166.9	175.4	183.1	190.2	196.6	202.6	209.0	215.0	220.3	224.7	228.1
62.5°	193.5	203.1	211.9	219.7	226.8	232.5	238.6	244.1	249.1	253.7	258.3
60°	220.7	231.4	239.1	245.8	251.9	257.4	259.5	261.5	263.1	264.7	266.5
57.5°	244.4	253.6	260.2	261.8	263.1	264.3	263.5	261.4	259.1	256.9	255.2
55°	261.0	263.6	266.5	264.2	260.6	257.2	254.2	252.0	250.1	248.3	246.8
52.5°	265.4	262.9	259.8	256.4	253.9	251.2	248.6	249.0	249.9	250.4	250.8
50°	258.9	255.9	254.3	252.4	252.7	254.0	255.0	257.5	260.6	262.8	264.6
47.5°	253.9	252.0	254.5	257.7	260.6	266.0	270.7	275.4	282.6	288.4	292.9
45°	252.5	257.2	262.2	269.9	276.7	288.5	299.7	308.9	326.2	342.0	354.3
42.5°	259.7	267.8	276.7	291.7	308.0	328.9	355.7	378.4	405.0	429.7	447.6
40°	271.4	283.4	303.4	327.7	365.7	399.5	444.0	481.9	517.6	555.4	583.9
37.5°	288.4	310.7	348.1	391.8	449.4	504.8	566.1	625.5	676.1	752.8	812.8
35°	313.5	358.8	411.9	484.7	560.1	645.0	734.5	849.8	951.4	1070.6	1182.6
32.5°	359.4	420.7	503.9	602.4	702.6	849.1	987.4	1174.8	1343.2	1553.3	1779.3
30°	413.0	504.5	616.3	745.0	926.3	1127.9	1355.2	1642.7	1984.2	2390.8	2936.5
27.5°	487.0	604.4	745.0	953.6	1210.9	1481.1	1884.1	2367.2	3247.7	4014.9	5031.8
25°	566.6	710.0	932.4	1212.7	1551.3	2037.9	2825.8	3831.1	5255.0	6616.5	7705.0
22.5°	658.4	867.9	1148.6	1497.5	2045.4	2987.4	4210.9	5981.2	7569.0	8942.3	9999.8
20°	760.0	1022.8	1400.1	1933.2	2866.3	4245.9	6210.0	8026.9	9648.6	10830.8	11765.2
17.5°	891.6	1234.8	1713.6	2449.3	3881.4	6007.3	8032.1	9828.0	11239.0	12277.6	13106.0
15°	1014.5	1430.1	2050.5	3305.8	5260.4	7532.6	9608.0	11210.0	12431.1	13397.6	14142.4
12.5°	1159.6	1649.4	2444.4	4045.6	6528.4	8790.9	10726.9	12222.9	13398.8	14304.7	15302.9
10°	1288.8	1885.4	3008.7	5031.7	7569.8	9779.9	11660.0	13004.3	14183.5	15364.0	16860.8
7.5°	1395.4	2083.4	3471.5	5863.6	8369.3	10511.4	12224.2	13567.5	14867.0	16443.7	18602.6
5°	1480.1	2232.8	3852.2	6491.7	8950.5	11033.5	12655.1	14016.7	15484.5	17593.8	20491.0
2.5°	1536.7	2330.6	4090.2	6871.1	9317.2	11333.0	12974.5	14310.5	15849.5	18237.7	21264.5
0°	1559.3	2375.7	4029.9	6939.9	9339.4	11430.5	13022.2	14420.4	15953.4	18345.4	21406.5
-2.5°	1536.7	2330.6	4090.2	6871.1	9317.2	11333.0	12974.5	14310.5	15849.5	18237.7	21264.5
-5°	1480.1	2232.8	3852.2	6491.7	8950.5	11033.5	12655.1	14016.7	15484.5	17593.8	20491.0
-7.5°	1395.4	2083.4	3471.5	5863.6	8369.3	10511.4	12224.2	13567.5	14867.0	16443.7	18602.6
-10°	1288.8	1885.4	3008.7	5031.7	7569.8	9779.9	11660.0	13004.3	14183.5	15364.0	16860.8
-12.5°	1159.6	1649.4	2444.4	4045.6	6528.4	8790.9	10726.9	12222.9	13398.8	14304.7	15302.9
-15°	1014.5	1430.1	2050.5	3305.8	5260.4	7532.6	9608.0	11210.0	12431.1	13397.6	14142.4
-17.5°	891.6	1234.8	1713.6	2449.3	3881.4	6007.3	8032.1	9828.0	11239.0	12277.6	13106.0
-20°	760.0	1022.8	1400.1	1933.2	2866.3	4245.9	6210.0	8026.9	9648.6	10830.8	11765.2



REPORT NUMBER: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	658.4	867.9	1148.6	1497.5	2045.4	2987.4	4210.9	5981.2	7569.0	8942.3	9999.8
-25°	566.6	710.0	932.4	1212.7	1551.3	2037.9	2825.8	3831.1	5255.0	6616.5	7705.0
-27.5°	487.0	604.4	745.0	953.6	1210.9	1481.1	1884.1	2367.2	3247.7	4014.9	5031.8
-30°	413.0	504.5	616.3	745.0	926.3	1127.9	1355.2	1642.7	1984.2	2390.8	2936.5
-32.5°	359.4	420.7	503.9	602.4	702.6	849.1	987.4	1174.8	1343.2	1553.3	1779.3
-35°	313.5	358.8	411.9	484.7	560.1	645.0	734.5	849.8	951.4	1070.6	1182.6
-37.5°	288.4	310.7	348.1	391.8	449.4	504.8	566.1	625.5	676.1	752.8	812.8
-40°	271.4	283.4	303.4	327.7	365.7	399.5	444.0	481.9	517.6	555.4	583.9
-42.5°	259.7	267.8	276.7	291.7	308.0	328.9	355.7	378.4	405.0	429.7	447.6
-45°	252.5	257.2	262.2	269.9	276.7	288.5	299.7	308.9	326.2	342.0	354.3
-47.5°	253.9	252.0	254.5	257.7	260.6	266.0	270.7	275.4	282.6	288.4	292.9
-50°	258.9	255.9	254.3	252.4	252.7	254.0	255.0	257.5	260.6	262.8	264.6
-52.5°	265.4	262.9	259.8	256.4	253.9	251.2	248.6	249.0	249.9	250.4	250.8
-55°	261.0	263.6	266.5	264.2	260.6	257.2	254.2	252.0	250.1	248.3	246.8
-57.5°	244.4	253.6	260.2	261.8	263.1	264.3	263.5	261.4	259.1	256.9	255.2
-60°	220.7	231.4	239.1	245.8	251.9	257.4	259.5	261.5	263.1	264.7	266.5
-62.5°	193.5	203.1	211.9	219.7	226.8	232.5	238.6	244.1	249.1	253.7	258.3
-65°	166.9	175.4	183.1	190.2	196.6	202.6	209.0	215.0	220.3	224.7	228.1
-67.5°	143.4	150.0	155.9	161.6	167.3	172.7	177.9	182.6	187.0	190.3	192.6
-70°	120.5	126.2	130.9	135.2	139.5	143.9	148.1	151.8	155.0	157.6	159.7
-72.5°	98.3	102.7	106.7	110.6	114.0	117.5	120.9	124.0	126.8	128.9	130.5
-75°	77.6	80.8	84.1	87.1	89.9	92.8	95.5	98.0	100.3	101.9	103.0
-77.5°	58.3	60.9	63.2	65.4	67.4	69.4	71.2	72.8	74.3	75.4	76.2
-80°	41.6	43.5	45.1	46.6	47.9	49.0	49.9	50.7	51.3	52.5	53.8
-82.5°	26.7	28.1	29.4	30.6	31.6	32.5	33.3	33.9	34.5	35.0	35.5
-85°	14.6	15.3	16.0	16.7	17.4	17.9	18.3	18.7	19.1	19.4	19.6
-87.5°	6.1	6.1	5.9	5.8	5.6	5.7	5.8	5.9	6.0	6.4	6.7
-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: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-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°	7.1	7.5	7.5	7.5	7.5	7.5	7.1	6.7	6.4	6.0	5.9
85°	19.8	19.9	20.6	21.2	20.6	19.9	19.8	19.6	19.4	19.1	18.7
82.5°	35.8	36.0	36.2	36.2	36.2	36.0	35.8	35.5	35.0	34.5	33.9
80°	54.9	55.9	55.5	54.9	55.5	55.9	54.9	53.8	52.5	51.3	50.7
77.5°	76.8	77.0	76.7	76.2	76.7	77.0	76.8	76.2	75.4	74.3	72.8
75°	103.8	104.3	104.7	104.9	104.7	104.3	103.8	103.0	101.9	100.3	98.0
72.5°	131.8	132.8	132.8	132.3	132.8	132.8	131.8	130.5	128.9	126.8	124.0
70°	161.4	162.6	163.3	163.5	163.3	162.6	161.4	159.7	157.6	155.0	151.8
67.5°	194.1	194.9	195.7	196.0	195.7	194.9	194.1	192.6	190.3	187.0	182.6
65°	230.9	233.1	233.8	233.5	233.8	233.1	230.9	228.1	224.7	220.3	215.0
62.5°	262.6	266.4	268.0	268.4	268.0	266.4	262.6	258.3	253.7	249.1	244.1
60°	268.0	269.3	269.7	269.7	269.7	269.3	268.0	266.5	264.7	263.1	261.5
57.5°	253.5	252.0	251.2	250.9	251.2	252.0	253.5	255.2	256.9	259.1	261.4
55°	245.4	244.1	243.5	243.4	243.5	244.1	245.4	246.8	248.3	250.1	252.0
52.5°	250.9	250.7	251.2	252.2	251.2	250.7	250.9	250.8	250.4	249.9	249.0
50°	266.2	267.3	268.5	269.7	268.5	267.3	266.2	264.6	262.8	260.6	257.5
47.5°	296.2	297.9	299.0	299.6	299.0	297.9	296.2	292.9	288.4	282.6	275.4
45°	362.4	366.8	368.9	369.5	368.9	366.8	362.4	354.3	342.0	326.2	308.9
42.5°	459.5	466.0	468.9	469.4	468.9	466.0	459.5	447.6	429.7	405.0	378.4
40°	604.3	615.9	621.5	625.5	621.5	615.9	604.3	583.9	555.4	517.6	481.9
37.5°	857.7	886.8	903.3	917.6	903.3	886.8	857.7	812.8	752.8	676.1	625.5
35°	1273.7	1340.4	1379.7	1388.2	1379.7	1340.4	1273.7	1182.6	1070.6	951.4	849.8
32.5°	1953.3	2084.2	2162.5	2172.2	2162.5	2084.2	1953.3	1779.3	1553.3	1343.2	1174.8
30°	3360.1	3726.9	3978.3	3943.7	3978.3	3726.9	3360.1	2936.5	2390.8	1984.2	1642.7
27.5°	5864.8	6530.0	6962.2	6926.2	6962.2	6530.0	5864.8	5031.8	4014.9	3247.7	2367.2
25°	8541.8	9154.1	9515.5	9649.0	9515.5	9154.1	8541.8	7705.0	6616.5	5255.0	3831.1
22.5°	10727.8	11275.3	11587.9	11775.0	11587.9	11275.3	10727.8	9999.8	8942.3	7569.0	5981.2
20°	12402.8	12877.5	13146.4	13261.9	13146.4	12877.5	12402.8	11765.2	10830.8	9648.6	8026.9
17.5°	13691.3	14088.7	14393.2	14471.6	14393.2	14088.7	13691.3	13106.0	12277.6	11239.0	9828.0
15°	14831.1	15344.4	15703.5	15837.3	15703.5	15344.4	14831.1	14142.4	13397.6	12431.1	11210.0
12.5°	16268.3	17161.0	17635.5	17744.9	17635.5	17161.0	16268.3	15302.9	14304.7	13398.8	12222.9
10°	18392.7	19764.8	19920.3	19707.4	19920.3	19764.8	18392.7	16860.8	15364.0	14183.5	13004.3
7.5°	21486.6	23316.1	22920.5	22261.7	22920.5	23316.1	21486.6	18602.6	16443.7	14867.0	13567.5
5°	23700.6	26240.8	26319.7	25835.9	26319.7	26240.8	23700.6	20491.0	17593.8	15484.5	14016.7
2.5°	24582.1	27196.9	28498.3	28711.6	28498.3	27196.9	24582.1	21264.5	18237.7	15849.5	14310.5
0°	24648.0	27505.0	29048.0	29431.3	29048.0	27505.0	24648.0	21406.5	18345.4	15953.4	14420.4
-2.5°	24582.1	27196.9	28498.3	28711.6	28498.3	27196.9	24582.1	21264.5	18237.7	15849.5	14310.5
-5°	23700.6	26240.8	26319.7	25835.9	26319.7	26240.8	23700.6	20491.0	17593.8	15484.5	14016.7
-7.5°	21486.6	23316.1	22920.5	22261.7	22920.5	23316.1	21486.6	18602.6	16443.7	14867.0	13567.5
-10°	18392.7	19764.8	19920.3	19707.4	19920.3	19764.8	18392.7	16860.8	15364.0	14183.5	13004.3
-12.5°	16268.3	17161.0	17635.5	17744.9	17635.5	17161.0	16268.3	15302.9	14304.7	13398.8	12222.9
-15°	14831.1	15344.4	15703.5	15837.3	15703.5	15344.4	14831.1	14142.4	13397.6	12431.1	11210.0
-17.5°	13691.3	14088.7	14393.2	14471.6	14393.2	14088.7	13691.3	13106.0	12277.6	11239.0	9828.0
-20°	12402.8	12877.5	13146.4	13261.9	13146.4	12877.5	12402.8	11765.2	10830.8	9648.6	8026.9



REPORT NUMBER: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10727.8	11275.3	11587.9	11775.0	11587.9	11275.3	10727.8	9999.8	8942.3	7569.0	5981.2
-25°	8541.8	9154.1	9515.5	9649.0	9515.5	9154.1	8541.8	7705.0	6616.5	5255.0	3831.1
-27.5°	5864.8	6530.0	6962.2	6926.2	6962.2	6530.0	5864.8	5031.8	4014.9	3247.7	2367.2
-30°	3360.1	3726.9	3978.3	3943.7	3978.3	3726.9	3360.1	2936.5	2390.8	1984.2	1642.7
-32.5°	1953.3	2084.2	2162.5	2172.2	2162.5	2084.2	1953.3	1779.3	1553.3	1343.2	1174.8
-35°	1273.7	1340.4	1379.7	1388.2	1379.7	1340.4	1273.7	1182.6	1070.6	951.4	849.8
-37.5°	857.7	886.8	903.3	917.6	903.3	886.8	857.7	812.8	752.8	676.1	625.5
-40°	604.3	615.9	621.5	625.5	621.5	615.9	604.3	583.9	555.4	517.6	481.9
-42.5°	459.5	466.0	468.9	469.4	468.9	466.0	459.5	447.6	429.7	405.0	378.4
-45°	362.4	366.8	368.9	369.5	368.9	366.8	362.4	354.3	342.0	326.2	308.9
-47.5°	296.2	297.9	299.0	299.6	299.0	297.9	296.2	292.9	288.4	282.6	275.4
-50°	266.2	267.3	268.5	269.7	268.5	267.3	266.2	264.6	262.8	260.6	257.5
-52.5°	250.9	250.7	251.2	252.2	251.2	250.7	250.9	250.8	250.4	249.9	249.0
-55°	245.4	244.1	243.5	243.4	243.5	244.1	245.4	246.8	248.3	250.1	252.0
-57.5°	253.5	252.0	251.2	250.9	251.2	252.0	253.5	255.2	256.9	259.1	261.4
-60°	268.0	269.3	269.7	269.7	269.7	269.3	268.0	266.5	264.7	263.1	261.5
-62.5°	262.6	266.4	268.0	268.4	268.0	266.4	262.6	258.3	253.7	249.1	244.1
-65°	230.9	233.1	233.8	233.5	233.8	233.1	230.9	228.1	224.7	220.3	215.0
-67.5°	194.1	194.9	195.7	196.0	195.7	194.9	194.1	192.6	190.3	187.0	182.6
-70°	161.4	162.6	163.3	163.5	163.3	162.6	161.4	159.7	157.6	155.0	151.8
-72.5°	131.8	132.8	132.8	132.3	132.8	132.8	131.8	130.5	128.9	126.8	124.0
-75°	103.8	104.3	104.7	104.9	104.7	104.3	103.8	103.0	101.9	100.3	98.0
-77.5°	76.8	77.0	76.7	76.2	76.7	77.0	76.8	76.2	75.4	74.3	72.8
-80°	54.9	55.9	55.5	54.9	55.5	55.9	54.9	53.8	52.5	51.3	50.7
-82.5°	35.8	36.0	36.2	36.2	36.2	36.0	35.8	35.5	35.0	34.5	33.9
-85°	19.8	19.9	20.6	21.2	20.6	19.9	19.8	19.6	19.4	19.1	18.7
-87.5°	7.1	7.5	7.5	7.5	7.5	7.5	7.1	6.7	6.4	6.0	5.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-MR-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°	5.8	5.7	5.6	5.8	5.9	6.1	6.1	5.9	5.7	5.5	5.3
85°	18.3	17.9	17.4	16.7	16.0	15.3	14.6	14.1	13.5	12.8	12.1
82.5°	33.3	32.5	31.6	30.6	29.4	28.1	26.7	25.3	23.9	22.4	20.8
80°	49.9	49.0	47.9	46.6	45.1	43.5	41.6	39.6	37.4	35.2	33.1
77.5°	71.2	69.4	67.4	65.4	63.2	60.9	58.3	55.7	53.1	50.3	47.2
75°	95.5	92.8	89.9	87.1	84.1	80.8	77.6	74.1	70.5	66.7	62.5
72.5°	120.9	117.5	114.0	110.6	106.7	102.7	98.3	93.5	88.7	83.9	78.8
70°	148.1	143.9	139.5	135.2	130.9	126.2	120.5	114.1	107.5	101.2	95.3
67.5°	177.9	172.7	167.3	161.6	155.9	150.0	143.4	136.3	128.7	120.9	112.9
65°	209.0	202.6	196.6	190.2	183.1	175.4	166.9	158.7	150.3	141.4	132.0
62.5°	238.6	232.5	226.8	219.7	211.9	203.1	193.5	183.6	173.1	162.2	151.8
60°	259.5	257.4	251.9	245.8	239.1	231.4	220.7	209.4	197.5	185.2	172.4
57.5°	263.5	264.3	263.1	261.8	260.2	253.6	244.4	234.7	222.5	208.4	193.8
55°	254.2	257.2	260.6	264.2	266.5	263.6	261.0	254.9	243.8	232.0	216.2
52.5°	248.6	251.2	253.9	256.4	259.8	262.9	265.4	262.6	260.1	250.0	236.9
50°	255.0	254.0	252.7	252.4	254.3	255.9	258.9	262.4	263.9	261.0	253.6
47.5°	270.7	266.0	260.6	257.7	254.5	252.0	253.9	256.5	261.3	265.1	261.5
45°	299.7	288.5	276.7	269.9	262.2	257.2	252.5	253.2	256.5	261.1	265.9
42.5°	355.7	328.9	308.0	291.7	276.7	267.8	259.7	254.9	253.7	257.2	261.3
40°	444.0	399.5	365.7	327.7	303.4	283.4	271.4	261.3	256.2	254.6	257.0
37.5°	566.1	504.8	449.4	391.8	348.1	310.7	288.4	273.0	261.8	255.9	254.1
35°	734.5	645.0	560.1	484.7	411.9	358.8	313.5	288.9	272.2	260.2	253.5
32.5°	987.4	849.1	702.6	602.4	503.9	420.7	359.4	311.8	283.7	267.9	257.4
30°	1355.2	1127.9	926.3	745.0	616.3	504.5	413.0	347.9	302.5	276.2	261.9
27.5°	1884.1	1481.1	1210.9	953.6	745.0	604.4	487.0	389.7	324.8	289.8	269.0
25°	2825.8	2037.9	1551.3	1212.7	932.4	710.0	566.6	449.7	360.7	304.0	275.3
22.5°	4210.9	2987.4	2045.4	1497.5	1148.6	867.9	658.4	512.1	394.6	325.1	286.7
20°	6210.0	4245.9	2866.3	1933.2	1400.1	1022.8	760.0	582.5	447.5	353.4	297.8
17.5°	8032.1	6007.3	3881.4	2449.3	1713.6	1234.8	891.6	650.1	493.0	378.5	307.7
15°	9608.0	7532.6	5260.4	3305.8	2050.5	1430.1	1014.5	710.8	535.9	408.6	326.4
12.5°	10726.9	8790.9	6528.4	4045.6	2444.4	1649.4	1159.6	808.2	582.4	438.4	343.4
10°	11660.0	9779.9	7569.8	5031.7	3008.7	1885.4	1288.8	889.9	621.9	461.3	356.9
7.5°	12224.2	10511.4	8369.3	5863.6	3471.5	2083.4	1395.4	951.0	653.5	477.6	366.7
5°	12655.1	11033.5	8950.5	6491.7	3852.2	2232.8	1480.1	991.9	676.6	487.6	373.1
2.5°	12974.5	11333.0	9317.2	6871.1	4090.2	2330.6	1536.7	1021.0	688.0	496.4	378.5
0°	13022.2	11430.5	9339.4	6939.9	4029.9	2375.7	1559.3	1038.7	687.9	500.6	380.8
-2.5°	12974.5	11333.0	9317.2	6871.1	4090.2	2330.6	1536.7	1021.0	688.0	496.4	378.5
-5°	12655.1	11033.5	8950.5	6491.7	3852.2	2232.8	1480.1	991.9	676.6	487.6	373.1
-7.5°	12224.2	10511.4	8369.3	5863.6	3471.5	2083.4	1395.4	951.0	653.5	477.6	366.7
-10°	11660.0	9779.9	7569.8	5031.7	3008.7	1885.4	1288.8	889.9	621.9	461.3	356.9
-12.5°	10726.9	8790.9	6528.4	4045.6	2444.4	1649.4	1159.6	808.2	582.4	438.4	343.4
-15°	9608.0	7532.6	5260.4	3305.8	2050.5	1430.1	1014.5	710.8	535.9	408.6	326.4
-17.5°	8032.1	6007.3	3881.4	2449.3	1713.6	1234.8	891.6	650.1	493.0	378.5	307.7
-20°	6210.0	4245.9	2866.3	1933.2	1400.1	1022.8	760.0	582.5	447.5	353.4	297.8



REPORT NUMBER: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4210.9	2987.4	2045.4	1497.5	1148.6	867.9	658.4	512.1	394.6	325.1	286.7
-25°	2825.8	2037.9	1551.3	1212.7	932.4	710.0	566.6	449.7	360.7	304.0	275.3
-27.5°	1884.1	1481.1	1210.9	953.6	745.0	604.4	487.0	389.7	324.8	289.8	269.0
-30°	1355.2	1127.9	926.3	745.0	616.3	504.5	413.0	347.9	302.5	276.2	261.9
-32.5°	987.4	849.1	702.6	602.4	503.9	420.7	359.4	311.8	283.7	267.9	257.4
-35°	734.5	645.0	560.1	484.7	411.9	358.8	313.5	288.9	272.2	260.2	253.5
-37.5°	566.1	504.8	449.4	391.8	348.1	310.7	288.4	273.0	261.8	255.9	254.1
-40°	444.0	399.5	365.7	327.7	303.4	283.4	271.4	261.3	256.2	254.6	257.0
-42.5°	355.7	328.9	308.0	291.7	276.7	267.8	259.7	254.9	253.7	257.2	261.3
-45°	299.7	288.5	276.7	269.9	262.2	257.2	252.5	253.2	256.5	261.1	265.9
-47.5°	270.7	266.0	260.6	257.7	254.5	252.0	253.9	256.5	261.3	265.1	261.5
-50°	255.0	254.0	252.7	252.4	254.3	255.9	258.9	262.4	263.9	261.0	253.6
-52.5°	248.6	251.2	253.9	256.4	259.8	262.9	265.4	262.6	260.1	250.0	236.9
-55°	254.2	257.2	260.6	264.2	266.5	263.6	261.0	254.9	243.8	232.0	216.2
-57.5°	263.5	264.3	263.1	261.8	260.2	253.6	244.4	234.7	222.5	208.4	193.8
-60°	259.5	257.4	251.9	245.8	239.1	231.4	220.7	209.4	197.5	185.2	172.4
-62.5°	238.6	232.5	226.8	219.7	211.9	203.1	193.5	183.6	173.1	162.2	151.8
-65°	209.0	202.6	196.6	190.2	183.1	175.4	166.9	158.7	150.3	141.4	132.0
-67.5°	177.9	172.7	167.3	161.6	155.9	150.0	143.4	136.3	128.7	120.9	112.9
-70°	148.1	143.9	139.5	135.2	130.9	126.2	120.5	114.1	107.5	101.2	95.3
-72.5°	120.9	117.5	114.0	110.6	106.7	102.7	98.3	93.5	88.7	83.9	78.8
-75°	95.5	92.8	89.9	87.1	84.1	80.8	77.6	74.1	70.5	66.7	62.5
-77.5°	71.2	69.4	67.4	65.4	63.2	60.9	58.3	55.7	53.1	50.3	47.2
-80°	49.9	49.0	47.9	46.6	45.1	43.5	41.6	39.6	37.4	35.2	33.1
-82.5°	33.3	32.5	31.6	30.6	29.4	28.1	26.7	25.3	23.9	22.4	20.8
-85°	18.3	17.9	17.4	16.7	16.0	15.3	14.6	14.1	13.5	12.8	12.1
-87.5°	5.8	5.7	5.6	5.8	5.9	6.1	6.1	5.9	5.7	5.5	5.3
-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: P558884 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-930-U-MR-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°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
85°	11.5	10.9	10.1	9.3	8.4	7.5	6.9	6.3	5.7	5.1	4.5
82.5°	19.5	18.5	17.5	16.5	15.1	13.7	12.3	10.8	9.4	7.8	6.7
80°	31.0	28.9	26.8	24.6	22.2	19.9	18.0	16.1	14.2	12.3	10.1
77.5°	43.8	40.3	36.8	33.7	30.6	27.5	24.5	21.5	19.1	16.7	14.1
75°	57.6	53.2	48.8	44.3	39.7	35.1	31.3	27.7	24.4	21.1	18.1
72.5°	73.3	67.5	61.5	55.3	49.8	44.3	38.8	33.8	29.8	25.9	22.0
70°	88.9	82.3	75.4	68.2	60.8	53.4	47.1	41.1	35.2	30.5	26.1
67.5°	104.7	97.4	89.6	81.2	72.8	64.2	55.6	48.5	41.9	35.2	30.0
65°	122.7	113.3	104.0	94.7	85.0	75.2	65.6	56.4	48.5	41.1	33.9
62.5°	140.9	129.9	119.3	108.4	97.7	86.7	75.6	65.6	55.4	46.9	38.6
60°	159.6	147.4	134.6	122.4	110.3	98.4	86.2	74.5	63.5	52.6	43.6
57.5°	179.5	165.0	150.9	136.6	123.0	109.9	96.7	83.7	71.4	59.3	48.5
55°	199.6	183.4	167.2	151.5	135.8	121.1	106.9	92.8	79.2	66.2	53.3
52.5°	220.8	202.0	183.8	166.4	149.4	132.5	117.2	101.5	86.9	72.8	59.0
50°	239.1	221.1	200.6	181.3	162.6	144.8	127.3	110.7	94.3	79.3	64.6
47.5°	254.1	237.2	217.6	196.0	175.9	156.7	137.9	119.7	101.4	85.6	69.9
45°	260.6	251.0	232.5	210.9	188.9	168.6	148.5	128.5	109.4	91.5	75.0
42.5°	264.3	258.3	245.2	225.1	202.4	180.2	158.6	137.7	117.1	97.3	80.0
40°	260.7	261.8	255.1	237.0	215.6	191.3	168.7	146.5	124.6	103.3	84.9
37.5°	256.5	261.0	258.3	248.5	227.8	203.0	178.4	154.9	131.8	109.6	89.5
35°	253.9	257.1	261.7	255.2	237.8	214.2	187.6	163.0	138.8	115.5	93.9
32.5°	251.6	254.1	259.2	258.1	247.2	224.9	196.9	170.7	145.4	121.0	98.1
30°	253.6	252.3	256.2	260.8	254.1	233.1	205.9	177.9	151.6	126.2	102.2
27.5°	256.6	250.4	253.7	259.5	256.4	240.5	214.2	184.6	157.4	131.1	106.3
25°	260.0	251.6	252.0	257.1	258.3	247.3	221.7	190.8	162.8	135.7	110.2
22.5°	265.4	253.6	250.2	254.9	260.2	253.4	227.9	197.0	167.8	140.0	113.6
20°	270.2	255.2	248.6	252.8	259.8	255.0	233.0	202.6	172.4	143.8	116.7
17.5°	275.2	257.9	249.6	251.4	258.1	256.3	237.5	207.5	176.4	147.1	119.5
15°	283.3	261.4	250.8	250.2	256.4	257.5	241.6	211.7	179.8	150.1	121.8
12.5°	290.2	264.3	251.7	249.2	254.8	258.6	245.1	215.2	182.8	152.5	123.9
10°	295.8	266.6	252.3	248.4	253.4	259.4	248.0	218.3	185.4	154.4	125.6
7.5°	300.1	268.3	252.6	247.7	252.1	260.1	250.7	221.5	187.6	155.9	126.9
5°	303.2	270.2	253.5	247.4	251.5	260.6	252.7	224.1	189.3	156.8	127.8
2.5°	305.9	272.8	254.8	247.3	251.0	260.8	254.0	226.0	190.5	157.3	128.4
0°	307.1	274.7	255.9	247.2	250.9	260.9	254.7	227.2	191.0	157.3	128.6
-2.5°	305.9	272.8	254.8	247.3	251.0	260.8	254.0	226.0	190.5	157.3	128.4
-5°	303.2	270.2	253.5	247.4	251.5	260.6	252.7	224.1	189.3	156.8	127.8
-7.5°	300.1	268.3	252.6	247.7	252.1	260.1	250.7	221.5	187.6	155.9	126.9
-10°	295.8	266.6	252.3	248.4	253.4	259.4	248.0	218.3	185.4	154.4	125.6
-12.5°	290.2	264.3	251.7	249.2	254.8	258.6	245.1	215.2	182.8	152.5	123.9
-15°	283.3	261.4	250.8	250.2	256.4	257.5	241.6	211.7	179.8	150.1	121.8
-17.5°	275.2	257.9	249.6	251.4	258.1	256.3	237.5	207.5	176.4	147.1	119.5
-20°	270.2	255.2	248.6	252.8	259.8	255.0	233.0	202.6	172.4	143.8	116.7



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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°	265.4	253.6	250.2	254.9	260.2	253.4	227.9	197.0	167.8	140.0	113.6
-25°	260.0	251.6	252.0	257.1	258.3	247.3	221.7	190.8	162.8	135.7	110.2
-27.5°	256.6	250.4	253.7	259.5	256.4	240.5	214.2	184.6	157.4	131.1	106.3
-30°	253.6	252.3	256.2	260.8	254.1	233.1	205.9	177.9	151.6	126.2	102.2
-32.5°	251.6	254.1	259.2	258.1	247.2	224.9	196.9	170.7	145.4	121.0	98.1
-35°	253.9	257.1	261.7	255.2	237.8	214.2	187.6	163.0	138.8	115.5	93.9
-37.5°	256.5	261.0	258.3	248.5	227.8	203.0	178.4	154.9	131.8	109.6	89.5
-40°	260.7	261.8	255.1	237.0	215.6	191.3	168.7	146.5	124.6	103.3	84.9
-42.5°	264.3	258.3	245.2	225.1	202.4	180.2	158.6	137.7	117.1	97.3	80.0
-45°	260.6	251.0	232.5	210.9	188.9	168.6	148.5	128.5	109.4	91.5	75.0
-47.5°	254.1	237.2	217.6	196.0	175.9	156.7	137.9	119.7	101.4	85.6	69.9
-50°	239.1	221.1	200.6	181.3	162.6	144.8	127.3	110.7	94.3	79.3	64.6
-52.5°	220.8	202.0	183.8	166.4	149.4	132.5	117.2	101.5	86.9	72.8	59.0
-55°	199.6	183.4	167.2	151.5	135.8	121.1	106.9	92.8	79.2	66.2	53.3
-57.5°	179.5	165.0	150.9	136.6	123.0	109.9	96.7	83.7	71.4	59.3	48.5
-60°	159.6	147.4	134.6	122.4	110.3	98.4	86.2	74.5	63.5	52.6	43.6
-62.5°	140.9	129.9	119.3	108.4	97.7	86.7	75.6	65.6	55.4	46.9	38.6
-65°	122.7	113.3	104.0	94.7	85.0	75.2	65.6	56.4	48.5	41.1	33.9
-67.5°	104.7	97.4	89.6	81.2	72.8	64.2	55.6	48.5	41.9	35.2	30.0
-70°	88.9	82.3	75.4	68.2	60.8	53.4	47.1	41.1	35.2	30.5	26.1
-72.5°	73.3	67.5	61.5	55.3	49.8	44.3	38.8	33.8	29.8	25.9	22.0
-75°	57.6	53.2	48.8	44.3	39.7	35.1	31.3	27.7	24.4	21.1	18.1
-77.5°	43.8	40.3	36.8	33.7	30.6	27.5	24.5	21.5	19.1	16.7	14.1
-80°	31.0	28.9	26.8	24.6	22.2	19.9	18.0	16.1	14.2	12.3	10.1
-82.5°	19.5	18.5	17.5	16.5	15.1	13.7	12.3	10.8	9.4	7.8	6.7
-85°	11.5	10.9	10.1	9.3	8.4	7.5	6.9	6.3	5.7	5.1	4.5
-87.5°	5.1	4.8	4.6	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.3
-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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**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°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	7.9	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	11.4	8.5	6.5	4.9	3.2	1.6	0.0
75°	14.8	11.3	7.9	5.8	3.9	1.9	0.0
72.5°	18.2	14.1	10.1	6.7	4.5	2.3	0.0
70°	21.5	16.8	12.2	7.8	5.1	2.6	0.0
67.5°	24.9	19.5	14.3	9.3	5.7	2.9	0.0
65°	28.3	22.2	16.4	10.9	6.3	3.2	0.0
62.5°	31.6	25.1	18.4	12.4	6.9	3.5	0.0
60°	34.9	27.9	20.3	13.8	7.5	3.7	0.0
57.5°	39.0	30.6	22.6	15.2	8.4	4.0	0.0
55°	43.1	33.4	24.8	16.6	9.4	4.3	0.0
52.5°	47.1	36.1	27.0	17.9	10.3	4.6	0.0
50°	50.9	39.4	29.1	19.1	11.1	4.8	0.0
47.5°	54.8	42.5	31.1	20.4	12.0	5.1	0.0
45°	59.2	45.5	33.1	21.9	12.8	5.3	0.0
42.5°	63.3	48.4	35.1	23.4	13.6	5.5	0.0
40°	67.2	51.1	37.1	24.8	14.4	5.7	0.0
37.5°	70.9	53.7	39.2	26.1	15.1	5.9	0.0
35°	74.3	56.5	41.2	27.4	15.8	6.1	0.0
32.5°	77.6	59.2	43.0	28.5	16.5	6.3	0.0
30°	81.0	61.7	44.8	29.6	17.1	6.5	0.0
27.5°	84.1	64.0	46.3	30.6	17.7	6.7	0.0
25°	86.9	66.1	47.7	31.4	18.2	6.8	0.0
22.5°	89.5	67.9	48.9	32.2	18.7	6.9	0.0
20°	91.9	69.5	50.0	32.9	19.2	7.0	0.0
17.5°	94.0	70.9	50.9	33.5	19.6	7.2	0.0
15°	95.8	72.1	51.8	34.0	20.0	7.2	0.0
12.5°	97.4	73.1	52.4	34.3	20.3	7.3	0.0
10°	98.7	73.8	53.0	34.7	20.6	7.4	0.0
7.5°	99.8	74.4	53.4	34.9	20.8	7.4	0.0
5°	100.5	74.8	53.6	35.0	21.0	7.5	0.0
2.5°	100.9	74.9	53.7	35.0	21.1	7.5	0.0
0°	101.1	74.9	53.7	35.0	21.2	7.5	0.0
-2.5°	100.9	74.9	53.7	35.0	21.1	7.5	0.0
-5°	100.5	74.8	53.6	35.0	21.0	7.5	0.0
-7.5°	99.8	74.4	53.4	34.9	20.8	7.4	0.0
-10°	98.7	73.8	53.0	34.7	20.6	7.4	0.0
-12.5°	97.4	73.1	52.4	34.3	20.3	7.3	0.0
-15°	95.8	72.1	51.8	34.0	20.0	7.2	0.0
-17.5°	94.0	70.9	50.9	33.5	19.6	7.2	0.0
-20°	91.9	69.5	50.0	32.9	19.2	7.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.5	67.9	48.9	32.2	18.7	6.9	0.0
-25°	86.9	66.1	47.7	31.4	18.2	6.8	0.0
-27.5°	84.1	64.0	46.3	30.6	17.7	6.7	0.0
-30°	81.0	61.7	44.8	29.6	17.1	6.5	0.0
-32.5°	77.6	59.2	43.0	28.5	16.5	6.3	0.0
-35°	74.3	56.5	41.2	27.4	15.8	6.1	0.0
-37.5°	70.9	53.7	39.2	26.1	15.1	5.9	0.0
-40°	67.2	51.1	37.1	24.8	14.4	5.7	0.0
-42.5°	63.3	48.4	35.1	23.4	13.6	5.5	0.0
-45°	59.2	45.5	33.1	21.9	12.8	5.3	0.0
-47.5°	54.8	42.5	31.1	20.4	12.0	5.1	0.0
-50°	50.9	39.4	29.1	19.1	11.1	4.8	0.0
-52.5°	47.1	36.1	27.0	17.9	10.3	4.6	0.0
-55°	43.1	33.4	24.8	16.6	9.4	4.3	0.0
-57.5°	39.0	30.6	22.6	15.2	8.4	4.0	0.0
-60°	34.9	27.9	20.3	13.8	7.5	3.7	0.0
-62.5°	31.6	25.1	18.4	12.4	6.9	3.5	0.0
-65°	28.3	22.2	16.4	10.9	6.3	3.2	0.0
-67.5°	24.9	19.5	14.3	9.3	5.7	2.9	0.0
-70°	21.5	16.8	12.2	7.8	5.1	2.6	0.0
-72.5°	18.2	14.1	10.1	6.7	4.5	2.3	0.0
-75°	14.8	11.3	7.9	5.8	3.9	1.9	0.0
-77.5°	11.4	8.5	6.5	4.9	3.2	1.6	0.0
-80°	7.9	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)