

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: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-930-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3B-930-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

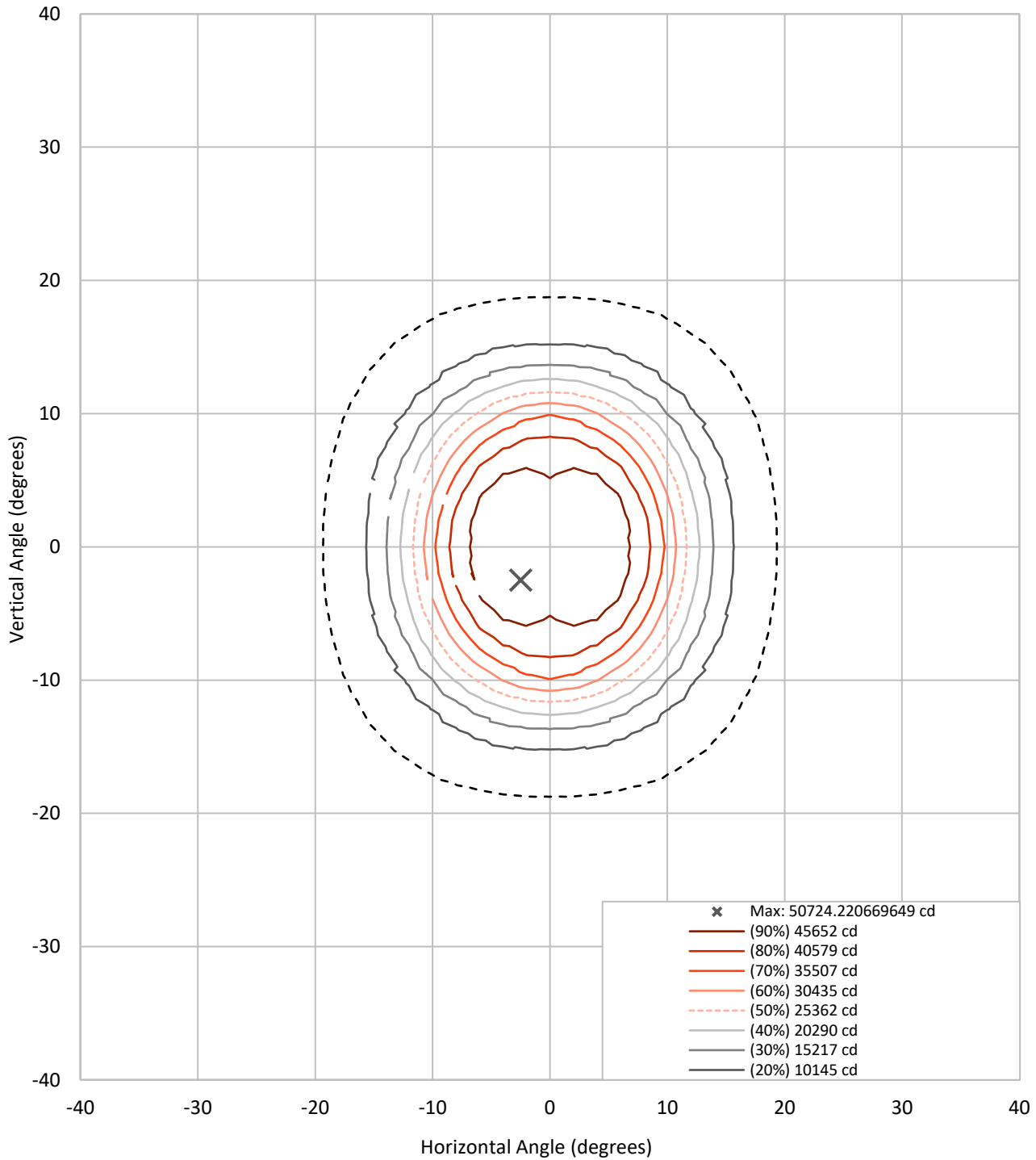
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	9591.9 lumens	Max Intensity:	50724.2 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	5178.3 lumens	Field Lumens:	7809.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 91  
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





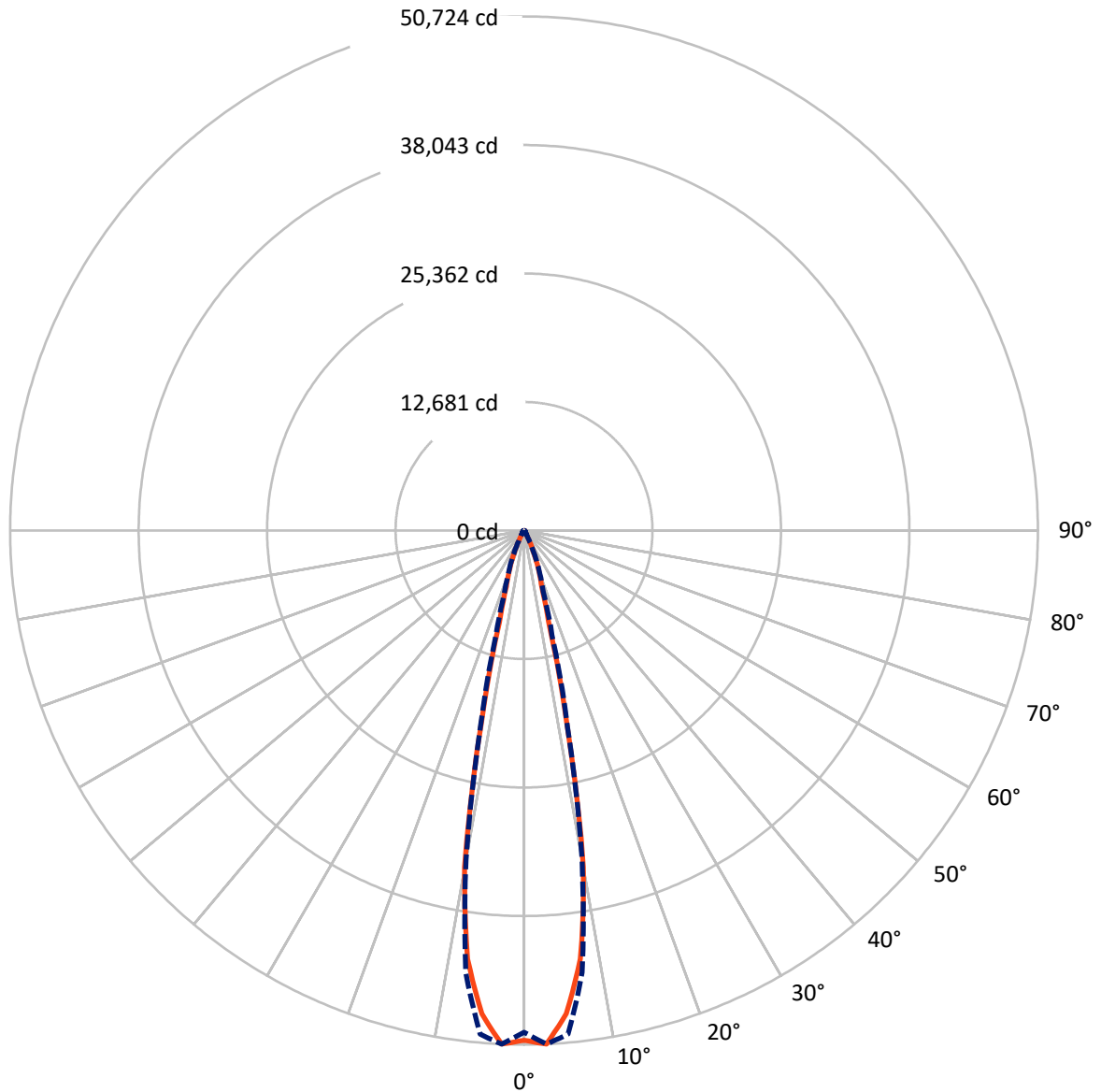
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### Lumen Table

90	0.1	1.0		2.6		4.1		4.8		4.1		2.6		1.0		0.1			
80	0.1	1.0		2.6		4.1		4.8		4.1		2.6		1.0		0.1			
70	0.4	0.5	1.0	1.7	2.3	2.9	3.3	3.5	3.5	3.3	2.9	2.3	1.7	1.0	0.5	0.4			
60		0.8	1.5	2.4	3.2	3.8	4.2	4.4	4.4	4.2	3.8	3.2	2.4	1.5	0.8				
50	0.8	1.0	1.9	2.9	3.7	4.5	5.2	5.5	5.5	5.2	4.5	3.7	2.9	1.9	1.0	0.8			
40		1.2	2.2	3.2	4.4	6.0	7.8	9.4	9.4	7.8	6.0	4.4	3.2	2.2	1.2				
30	1.1	1.3	2.4	3.6	5.4	9.8	29.5	57.4	57.4	29.5	9.8	5.4	3.6	2.4	1.3	1.1			
20		1.4	2.5	3.8	6.8	29.1	134.3	345.3	345.3	134.3	29.1	6.8	3.8	2.5	1.4				
10	1.2	1.5	2.6	4.0	8.1	56.7	349.7	1235.4	1235.4	349.7	56.7	8.1	4.0	2.6	1.5	1.2			
0		1.5	2.6	4.0	8.1	56.7	349.7	1235.4	1235.4	349.7	56.7	8.1	4.0	2.6	1.5				
-10	1.1	1.4	2.5	3.8	6.8	29.1	134.3	345.3	345.3	134.3	29.1	6.8	3.8	2.5	1.4	1.1			
-20		1.3	2.4	3.6	5.4	9.8	29.5	57.4	57.4	29.5	9.8	5.4	3.6	2.4	1.3				
-30	0.8	1.2	2.2	3.2	4.4	6.0	7.8	9.4	9.4	7.8	6.0	4.4	3.2	2.2	1.2	0.8			
-40		1.0	1.9	2.9	3.7	4.5	5.2	5.5	5.5	5.2	4.5	3.7	2.9	1.9	1.0				
-50	0.4	0.8	1.5	2.4	3.2	3.8	4.2	4.4	4.4	4.2	3.8	3.2	2.4	1.5	0.8	0.4			
-60		0.5	1.0	1.7	2.3	2.9	3.3	3.5	3.5	3.3	2.9	2.3	1.7	1.0	0.5				
-70	0.1	1.0		2.6		4.1		4.8		4.1		2.6		1.0		0.1			
-80		1.0		2.6		4.1		4.8		4.1		2.6		1.0					
-90	0.1	1.0		2.6		4.1		4.8		4.1		2.6		1.0		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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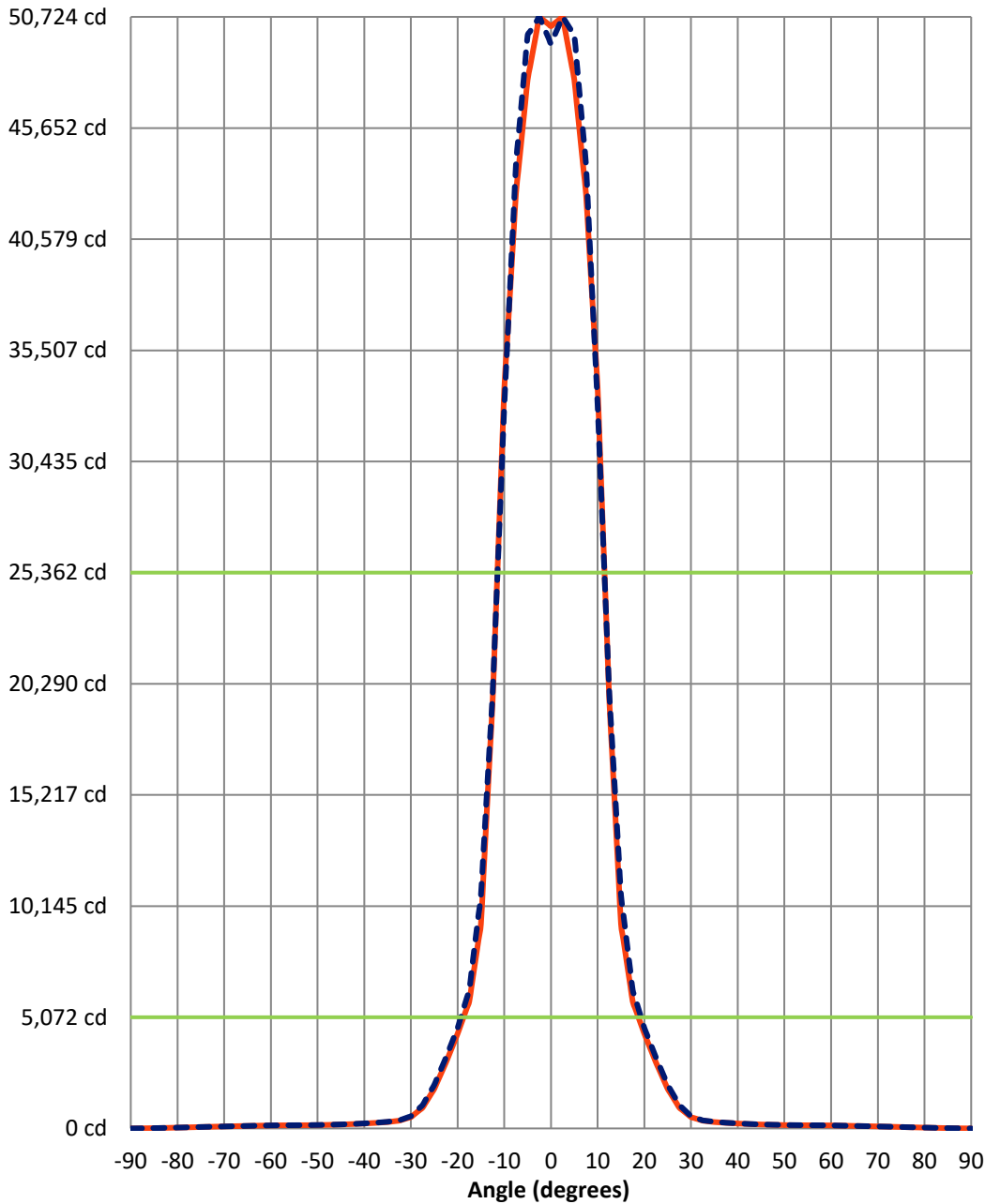
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 5178.3  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 7809.2  
Efficiency: 81.4%

**Spill:**  
Lumens: 1782.7  
Efficiency: 18.6%

— Vertical Distribution through -2.5-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	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3
85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.7	7.8
80°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	7.0	8.5	10.0	11.5
77.5°	0.0	1.2	2.3	3.5	4.7	6.0	7.7	9.5	11.3	13.3	15.3
75°	0.0	1.4	2.8	4.2	5.7	7.8	9.8	11.9	14.2	16.9	19.4
72.5°	0.0	1.6	3.2	4.9	7.1	9.5	11.8	14.4	17.6	20.6	23.4
70°	0.0	1.8	3.7	5.6	8.5	11.3	13.9	17.5	21.0	24.3	28.3
67.5°	0.0	2.1	4.1	6.7	9.9	13.0	16.5	20.4	24.3	28.8	33.3
65°	0.0	2.3	4.6	7.7	11.3	14.9	19.0	23.4	28.3	33.3	38.3
62.5°	0.0	2.5	5.0	8.8	12.7	16.9	21.5	26.6	32.2	37.8	43.5
60°	0.0	2.7	5.4	9.8	14.0	18.9	23.9	30.0	36.0	42.3	48.6
57.5°	0.0	2.9	6.1	10.8	15.5	20.8	26.7	33.3	40.0	46.8	53.6
55°	0.0	3.1	6.7	11.8	17.0	22.7	29.4	36.5	43.8	51.2	58.5
52.5°	0.0	3.3	7.3	12.7	18.4	24.6	32.1	39.8	47.6	55.4	63.2
50°	0.0	3.5	8.0	13.7	19.8	26.7	34.7	43.0	51.3	59.6	68.0
47.5°	0.0	3.6	8.6	14.6	21.1	28.8	37.2	46.1	54.8	63.6	72.6
45°	0.0	3.8	9.1	15.5	22.4	30.8	39.8	49.2	58.3	67.7	77.2
42.5°	0.0	4.0	9.7	16.4	23.6	32.7	42.3	52.1	61.7	71.7	81.2
40°	0.0	4.1	10.2	17.3	24.9	34.5	44.8	54.9	64.9	75.5	85.0
37.5°	0.0	4.3	10.7	18.1	26.3	36.2	47.1	57.6	68.1	79.0	88.5
35°	0.0	4.4	11.1	18.9	27.6	38.0	49.3	60.1	71.2	81.9	92.0
32.5°	0.0	4.6	11.6	19.6	28.8	39.7	51.4	62.5	74.0	84.7	95.3
30°	0.0	4.7	12.0	20.2	30.0	41.4	53.3	64.8	76.6	87.4	98.3
27.5°	0.0	4.8	12.4	20.9	31.1	42.9	55.1	66.9	78.9	89.8	101.1
25°	0.0	4.9	12.7	21.4	32.1	44.3	56.7	68.8	80.9	92.1	103.5
22.5°	0.0	5.0	13.0	22.0	33.1	45.6	58.2	70.6	82.7	94.1	105.6
20°	0.0	5.1	13.3	22.4	33.9	46.8	59.6	72.2	84.3	95.9	107.5
17.5°	0.0	5.1	13.6	22.8	34.7	47.8	60.8	73.6	85.8	97.4	109.2
15°	0.0	5.2	13.8	23.2	35.4	48.7	61.8	74.8	87.1	98.7	110.6
12.5°	0.0	5.3	14.0	23.5	36.1	49.4	62.6	75.8	88.1	99.7	111.8
10°	0.0	5.3	14.1	23.8	36.6	50.0	63.3	76.6	89.0	100.8	112.7
7.5°	0.0	5.4	14.2	23.9	37.0	50.5	63.9	77.3	89.7	101.7	113.4
5°	0.0	5.4	14.3	24.1	37.3	50.8	64.3	77.7	90.2	102.4	113.8
2.5°	0.0	5.4	14.4	24.2	37.6	51.0	64.5	78.0	90.5	102.9	114.0
0°	0.0	5.4	14.4	24.2	37.7	51.1	64.6	78.1	90.6	103.2	113.9
-2.5°	0.0	5.4	14.4	24.2	37.7	51.1	64.6	78.1	90.6	103.2	113.9
-5°	0.0	5.4	14.3	24.1	37.3	50.8	64.3	77.7	90.2	102.4	113.8
-7.5°	0.0	5.4	14.2	23.9	37.0	50.5	63.9	77.3	89.7	101.7	113.4
-10°	0.0	5.3	14.1	23.8	36.6	50.0	63.3	76.6	89.0	100.8	112.7
-12.5°	0.0	5.3	14.0	23.5	36.1	49.4	62.6	75.8	88.1	99.7	111.8
-15°	0.0	5.2	13.8	23.2	35.4	48.7	61.8	74.8	87.1	98.7	110.6
-17.5°	0.0	5.1	13.6	22.8	34.7	47.8	60.8	73.6	85.8	97.4	109.2
-20°	0.0	5.1	13.3	22.4	33.9	46.8	59.6	72.2	84.3	95.9	107.5



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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	5.0	13.0	22.0	33.1	45.6	58.2	70.6	82.7	94.1	105.6
-25°	0.0	4.9	12.7	21.4	32.1	44.3	56.7	68.8	80.9	92.1	103.5
-27.5°	0.0	4.8	12.4	20.9	31.1	42.9	55.1	66.9	78.9	89.8	101.1
-30°	0.0	4.7	12.0	20.2	30.0	41.4	53.3	64.8	76.6	87.4	98.3
-32.5°	0.0	4.6	11.6	19.6	28.8	39.7	51.4	62.5	74.0	84.7	95.3
-35°	0.0	4.4	11.1	18.9	27.6	38.0	49.3	60.1	71.2	81.9	92.0
-37.5°	0.0	4.3	10.7	18.1	26.3	36.2	47.1	57.6	68.1	79.0	88.5
-40°	0.0	4.1	10.2	17.3	24.9	34.5	44.8	54.9	64.9	75.5	85.0
-42.5°	0.0	4.0	9.7	16.4	23.6	32.7	42.3	52.1	61.7	71.7	81.2
-45°	0.0	3.8	9.1	15.5	22.4	30.8	39.8	49.2	58.3	67.7	77.2
-47.5°	0.0	3.6	8.6	14.6	21.1	28.8	37.2	46.1	54.8	63.6	72.6
-50°	0.0	3.5	8.0	13.7	19.8	26.7	34.7	43.0	51.3	59.6	68.0
-52.5°	0.0	3.3	7.3	12.7	18.4	24.6	32.1	39.8	47.6	55.4	63.2
-55°	0.0	3.1	6.7	11.8	17.0	22.7	29.4	36.5	43.8	51.2	58.5
-57.5°	0.0	2.9	6.1	10.8	15.5	20.8	26.7	33.3	40.0	46.8	53.6
-60°	0.0	2.7	5.4	9.8	14.0	18.9	23.9	30.0	36.0	42.3	48.6
-62.5°	0.0	2.5	5.0	8.8	12.7	16.9	21.5	26.6	32.2	37.8	43.5
-65°	0.0	2.3	4.6	7.7	11.3	14.9	19.0	23.4	28.3	33.3	38.3
-67.5°	0.0	2.1	4.1	6.7	9.9	13.0	16.5	20.4	24.3	28.8	33.3
-70°	0.0	1.8	3.7	5.6	8.5	11.3	13.9	17.5	21.0	24.3	28.3
-72.5°	0.0	1.6	3.2	4.9	7.1	9.5	11.8	14.4	17.6	20.6	23.4
-75°	0.0	1.4	2.8	4.2	5.7	7.8	9.8	11.9	14.2	16.9	19.4
-77.5°	0.0	1.2	2.3	3.5	4.7	6.0	7.7	9.5	11.3	13.3	15.3
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	7.0	8.5	10.0	11.5
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.7	7.8
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	3.2	3.7	4.1	4.6
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
85°	5.0	5.4	6.0	6.6	7.1	7.6	8.0	8.4	8.9	9.5	10.0
82.5°	8.8	9.7	10.5	11.2	11.9	12.5	13.1	14.0	15.1	16.2	17.1
80°	12.8	13.9	15.2	16.6	18.0	19.3	20.7	22.1	23.4	24.5	25.8
77.5°	17.2	18.9	20.8	22.6	24.6	26.7	28.8	30.8	32.6	34.4	36.2
75°	21.7	23.9	26.7	29.4	32.1	34.7	37.2	39.7	42.2	44.5	46.7
72.5°	26.6	30.0	33.3	36.5	39.9	43.2	46.3	49.1	52.1	55.1	57.9
70°	32.2	36.0	40.1	44.2	48.3	51.9	55.6	59.3	63.0	66.2	69.0
67.5°	37.8	42.4	47.2	51.9	56.3	60.6	65.0	69.1	73.0	76.3	79.5
65°	43.5	48.8	54.0	59.1	64.1	69.1	73.9	78.4	82.5	86.2	89.8
62.5°	49.2	55.0	60.7	66.3	72.1	77.7	82.6	87.3	91.9	95.9	99.8
60°	54.8	61.0	67.3	73.6	79.9	85.7	91.0	96.0	100.6	105.1	109.0
57.5°	60.3	67.0	73.8	80.6	87.2	93.4	98.9	104.1	108.9	113.4	117.5
55°	65.7	72.7	80.1	87.2	94.1	100.5	106.4	111.6	116.7	120.8	124.8
52.5°	71.0	78.4	86.1	93.5	100.6	107.2	113.3	118.6	123.2	127.5	131.0
50°	76.2	83.9	91.8	99.4	106.7	113.4	119.5	124.7	129.1	133.0	136.3
47.5°	81.1	89.2	97.1	105.0	112.3	119.0	125.0	129.9	134.2	137.7	140.8
45°	85.7	94.2	102.4	110.1	117.5	124.2	129.7	134.6	138.6	142.1	145.1
42.5°	90.1	99.0	107.3	114.9	122.3	128.7	134.2	138.7	142.7	146.1	149.5
40°	94.4	103.7	112.0	119.6	126.8	132.9	138.0	142.6	146.5	150.4	154.1
37.5°	98.5	107.9	116.5	124.2	130.6	136.5	141.5	146.0	150.5	154.8	159.8
35°	102.5	112.0	120.7	128.3	134.5	139.7	144.8	149.8	154.9	160.4	166.2
32.5°	106.1	115.9	124.7	131.7	137.6	142.8	148.1	154.0	160.2	166.4	173.5
30°	109.4	119.5	128.3	134.9	140.3	145.4	151.7	158.6	165.8	172.9	181.2
27.5°	112.2	122.8	131.1	137.4	142.7	147.6	154.7	163.6	171.3	178.9	188.1
25°	114.8	125.5	133.6	139.5	144.5	149.8	157.1	166.2	176.0	184.3	197.1
22.5°	117.1	127.9	135.9	141.4	145.9	151.6	159.0	168.0	178.1	188.6	206.3
20°	119.1	129.7	137.9	143.0	146.9	153.0	160.1	169.3	180.5	195.6	215.2
17.5°	120.8	131.5	139.3	144.1	148.2	154.0	160.5	170.1	183.1	201.9	223.4
15°	122.2	133.2	140.6	144.9	149.2	154.9	162.0	172.0	187.0	207.8	231.0
12.5°	123.5	134.9	141.6	145.6	149.9	155.6	163.6	175.0	191.6	213.6	239.3
10°	124.4	136.4	142.4	146.2	150.3	156.1	165.0	177.3	195.5	219.0	246.6
7.5°	125.3	137.7	143.0	146.6	150.3	156.3	166.1	179.0	198.3	223.5	252.8
5°	125.9	138.5	143.6	146.9	150.3	156.4	166.9	180.0	200.0	226.8	257.4
2.5°	126.4	138.9	144.0	147.1	150.1	156.4	167.6	181.8	202.2	229.4	260.2
0°	126.5	139.1	144.4	147.1	149.8	156.1	167.8	183.0	203.7	230.6	261.1
-2.5°	126.4	138.9	144.0	147.1	150.1	156.4	167.6	181.8	202.2	229.4	260.2
-5°	125.9	138.5	143.6	146.9	150.3	156.4	166.9	180.0	200.0	226.8	257.4
-7.5°	125.3	137.7	143.0	146.6	150.3	156.3	166.1	179.0	198.3	223.5	252.8
-10°	124.4	136.4	142.4	146.2	150.3	156.1	165.0	177.3	195.5	219.0	246.6
-12.5°	123.5	134.9	141.6	145.6	149.9	155.6	163.6	175.0	191.6	213.6	239.3
-15°	122.2	133.2	140.6	144.9	149.2	154.9	162.0	172.0	187.0	207.8	231.0
-17.5°	120.8	131.5	139.3	144.1	148.2	154.0	160.5	170.1	183.1	201.9	223.4
-20°	119.1	129.7	137.9	143.0	146.9	153.0	160.1	169.3	180.5	195.6	215.2



REPORT NUMBER: P558759 (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°	117.1	127.9	135.9	141.4	145.9	151.6	159.0	168.0	178.1	188.6	206.3
-25°	114.8	125.5	133.6	139.5	144.5	149.8	157.1	166.2	176.0	184.3	197.1
-27.5°	112.2	122.8	131.1	137.4	142.7	147.6	154.7	163.6	171.3	178.9	188.1
-30°	109.4	119.5	128.3	134.9	140.3	145.4	151.7	158.6	165.8	172.9	181.2
-32.5°	106.1	115.9	124.7	131.7	137.6	142.8	148.1	154.0	160.2	166.4	173.5
-35°	102.5	112.0	120.7	128.3	134.5	139.7	144.8	149.8	154.9	160.4	166.2
-37.5°	98.5	107.9	116.5	124.2	130.6	136.5	141.5	146.0	150.5	154.8	159.8
-40°	94.4	103.7	112.0	119.6	126.8	132.9	138.0	142.6	146.5	150.4	154.1
-42.5°	90.1	99.0	107.3	114.9	122.3	128.7	134.2	138.7	142.7	146.1	149.5
-45°	85.7	94.2	102.4	110.1	117.5	124.2	129.7	134.6	138.6	142.1	145.1
-47.5°	81.1	89.2	97.1	105.0	112.3	119.0	125.0	129.9	134.2	137.7	140.8
-50°	76.2	83.9	91.8	99.4	106.7	113.4	119.5	124.7	129.1	133.0	136.3
-52.5°	71.0	78.4	86.1	93.5	100.6	107.2	113.3	118.6	123.2	127.5	131.0
-55°	65.7	72.7	80.1	87.2	94.1	100.5	106.4	111.6	116.7	120.8	124.8
-57.5°	60.3	67.0	73.8	80.6	87.2	93.4	98.9	104.1	108.9	113.4	117.5
-60°	54.8	61.0	67.3	73.6	79.9	85.7	91.0	96.0	100.6	105.1	109.0
-62.5°	49.2	55.0	60.7	66.3	72.1	77.7	82.6	87.3	91.9	95.9	99.8
-65°	43.5	48.8	54.0	59.1	64.1	69.1	73.9	78.4	82.5	86.2	89.8
-67.5°	37.8	42.4	47.2	51.9	56.3	60.6	65.0	69.1	73.0	76.3	79.5
-70°	32.2	36.0	40.1	44.2	48.3	51.9	55.6	59.3	63.0	66.2	69.0
-72.5°	26.6	30.0	33.3	36.5	39.9	43.2	46.3	49.1	52.1	55.1	57.9
-75°	21.7	23.9	26.7	29.4	32.1	34.7	37.2	39.7	42.2	44.5	46.7
-77.5°	17.2	18.9	20.8	22.6	24.6	26.7	28.8	30.8	32.6	34.4	36.2
-80°	12.8	13.9	15.2	16.6	18.0	19.3	20.7	22.1	23.4	24.5	25.8
-82.5°	8.8	9.7	10.5	11.2	11.9	12.5	13.1	14.0	15.1	16.2	17.1
-85°	5.0	5.4	6.0	6.6	7.1	7.6	8.0	8.4	8.9	9.5	10.0
-87.5°	2.5	2.7	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.1	4.3
-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: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.4	4.3	4.2	4.1	4.4	4.6	4.9	5.2	5.3	5.3
85°	10.6	10.9	11.2	11.5	11.8	12.2	12.5	12.7	12.9	13.3	13.7
82.5°	18.0	18.7	19.3	20.0	20.5	21.2	21.9	22.5	23.1	23.5	23.7
80°	27.0	28.2	29.3	30.3	31.2	32.2	33.3	34.2	35.0	35.6	36.0
77.5°	37.9	39.4	40.8	42.2	43.4	44.6	45.7	46.5	47.2	48.0	48.7
75°	48.8	50.8	52.7	54.5	56.0	57.3	58.6	59.7	60.7	61.6	62.4
72.5°	60.4	62.7	64.8	66.7	68.5	70.2	71.8	73.3	74.6	75.6	76.5
70°	71.6	74.1	76.6	79.0	81.1	83.0	84.8	86.3	87.7	88.9	89.8
67.5°	82.4	85.2	88.0	90.7	93.0	95.1	97.1	98.9	100.6	101.9	102.7
65°	93.1	96.3	99.3	102.0	104.4	106.5	108.8	110.7	112.3	113.6	114.4
62.5°	103.5	106.9	109.9	112.7	115.3	117.6	119.5	121.3	122.9	124.3	125.1
60°	112.8	116.3	119.2	121.9	124.3	126.5	128.4	130.3	132.1	133.6	134.8
57.5°	121.0	124.3	127.2	129.6	131.8	133.8	135.7	137.2	138.4	139.4	140.2
55°	128.2	131.1	133.9	136.2	138.2	139.8	141.1	142.2	143.0	143.6	144.1
52.5°	134.3	137.0	139.8	142.0	143.5	144.8	145.9	147.3	148.0	148.1	148.1
50°	139.2	142.1	144.5	146.5	148.5	150.8	153.2	154.3	154.8	154.5	154.1
47.5°	143.7	146.5	149.1	151.7	154.6	158.4	162.3	164.1	163.9	163.1	162.7
45°	148.1	151.2	154.3	158.2	162.3	167.2	171.7	174.5	174.5	174.6	175.2
42.5°	152.7	156.5	160.8	166.1	171.5	177.0	181.7	185.2	187.8	191.0	193.7
40°	158.4	162.7	169.1	175.6	182.6	188.4	195.8	202.2	207.4	212.2	215.8
37.5°	165.1	171.2	179.3	187.7	196.7	205.8	214.5	222.6	229.5	237.3	243.2
35°	173.0	181.8	191.6	202.1	213.3	225.0	236.1	249.0	260.3	270.4	278.6
32.5°	182.4	192.9	204.9	218.9	233.0	248.3	264.3	280.8	296.7	313.3	329.9
30°	191.7	205.6	221.0	238.0	254.5	274.5	295.3	322.3	350.6	383.0	432.7
27.5°	203.1	219.7	237.7	257.2	279.9	305.4	345.6	395.6	480.8	544.6	715.7
25°	214.3	233.3	256.3	281.5	312.1	358.9	454.8	565.9	813.1	1044.6	1312.0
22.5°	225.6	249.3	276.9	307.6	360.8	481.2	664.0	998.7	1380.6	1786.0	2198.9
20°	237.1	264.9	299.4	350.8	462.2	668.1	1078.4	1616.2	2158.9	2821.9	3395.2
17.5°	249.9	284.4	329.5	406.8	590.3	1031.6	1638.5	2384.8	3224.6	4076.9	4792.5
15°	260.5	300.8	361.4	512.5	858.9	1444.3	2238.5	3250.2	4395.3	5472.7	6391.8
12.5°	272.2	319.2	398.8	598.2	1106.6	1876.4	2923.0	4168.0	5541.6	7018.0	9355.6
10°	283.0	337.6	461.5	776.2	1392.3	2313.0	3536.0	4938.7	6604.7	9560.6	15086.4
7.5°	292.1	352.2	508.7	908.8	1650.8	2724.9	4035.7	5597.8	8102.5	13068.7	22367.2
5°	298.3	361.9	541.5	1008.1	1856.8	3028.7	4355.2	6031.8	9630.6	17356.8	28553.1
2.5°	302.6	367.2	559.0	1066.0	1987.0	3229.8	4581.6	6323.9	10656.6	19837.1	32954.9
0°	305.9	368.7	562.5	1116.1	2031.2	3298.0	4592.7	6402.3	11008.4	20805.6	34523.4
-2.5°	302.6	367.2	559.0	1066.0	1987.0	3229.8	4581.6	6323.9	10656.6	19837.1	32954.9
-5°	298.3	361.9	541.5	1008.1	1856.8	3028.7	4355.2	6031.8	9630.6	17356.8	28553.1
-7.5°	292.1	352.2	508.7	908.8	1650.8	2724.9	4035.7	5597.8	8102.5	13068.7	22367.2
-10°	283.0	337.6	461.5	776.2	1392.3	2313.0	3536.0	4938.7	6604.7	9560.6	15086.4
-12.5°	272.2	319.2	398.8	598.2	1106.6	1876.4	2923.0	4168.0	5541.6	7018.0	9355.6
-15°	260.5	300.8	361.4	512.5	858.9	1444.3	2238.5	3250.2	4395.3	5472.7	6391.8
-17.5°	249.9	284.4	329.5	406.8	590.3	1031.6	1638.5	2384.8	3224.6	4076.9	4792.5
-20°	237.1	264.9	299.4	350.8	462.2	668.1	1078.4	1616.2	2158.9	2821.9	3395.2



REPORT NUMBER: P558759 (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°	225.6	249.3	276.9	307.6	360.8	481.2	664.0	998.7	1380.6	1786.0	2198.9
-25°	214.3	233.3	256.3	281.5	312.1	358.9	454.8	565.9	813.1	1044.6	1312.0
-27.5°	203.1	219.7	237.7	257.2	279.9	305.4	345.6	395.6	480.8	544.6	715.7
-30°	191.7	205.6	221.0	238.0	254.5	274.5	295.3	322.3	350.6	383.0	432.7
-32.5°	182.4	192.9	204.9	218.9	233.0	248.3	264.3	280.8	296.7	313.3	329.9
-35°	173.0	181.8	191.6	202.1	213.3	225.0	236.1	249.0	260.3	270.4	278.6
-37.5°	165.1	171.2	179.3	187.7	196.7	205.8	214.5	222.6	229.5	237.3	243.2
-40°	158.4	162.7	169.1	175.6	182.6	188.4	195.8	202.2	207.4	212.2	215.8
-42.5°	152.7	156.5	160.8	166.1	171.5	177.0	181.7	185.2	187.8	191.0	193.7
-45°	148.1	151.2	154.3	158.2	162.3	167.2	171.7	174.5	174.5	174.6	175.2
-47.5°	143.7	146.5	149.1	151.7	154.6	158.4	162.3	164.1	163.9	163.1	162.7
-50°	139.2	142.1	144.5	146.5	148.5	150.8	153.2	154.3	154.8	154.5	154.1
-52.5°	134.3	137.0	139.8	142.0	143.5	144.8	145.9	147.3	148.0	148.1	148.1
-55°	128.2	131.1	133.9	136.2	138.2	139.8	141.1	142.2	143.0	143.6	144.1
-57.5°	121.0	124.3	127.2	129.6	131.8	133.8	135.7	137.2	138.4	139.4	140.2
-60°	112.8	116.3	119.2	121.9	124.3	126.5	128.4	130.3	132.1	133.6	134.8
-62.5°	103.5	106.9	109.9	112.7	115.3	117.6	119.5	121.3	122.9	124.3	125.1
-65°	93.1	96.3	99.3	102.0	104.4	106.5	108.8	110.7	112.3	113.6	114.4
-67.5°	82.4	85.2	88.0	90.7	93.0	95.1	97.1	98.9	100.6	101.9	102.7
-70°	71.6	74.1	76.6	79.0	81.1	83.0	84.8	86.3	87.7	88.9	89.8
-72.5°	60.4	62.7	64.8	66.7	68.5	70.2	71.8	73.3	74.6	75.6	76.5
-75°	48.8	50.8	52.7	54.5	56.0	57.3	58.6	59.7	60.7	61.6	62.4
-77.5°	37.9	39.4	40.8	42.2	43.4	44.6	45.7	46.5	47.2	48.0	48.7
-80°	27.0	28.2	29.3	30.3	31.2	32.2	33.3	34.2	35.0	35.6	36.0
-82.5°	18.0	18.7	19.3	20.0	20.5	21.2	21.9	22.5	23.1	23.5	23.7
-85°	10.6	10.9	11.2	11.5	11.8	12.2	12.5	12.7	12.9	13.3	13.7
-87.5°	4.4	4.4	4.3	4.2	4.1	4.4	4.6	4.9	5.2	5.3	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: P558759 (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°
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°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	4.9
85°	14.0	14.3	13.9	13.5	13.9	14.3	14.0	13.7	13.3	12.9	12.7
82.5°	23.9	24.1	24.2	24.2	24.2	24.1	23.9	23.7	23.5	23.1	22.5
80°	36.4	36.6	37.2	37.7	37.2	36.6	36.4	36.0	35.6	35.0	34.2
77.5°	49.4	49.9	50.1	50.2	50.1	49.9	49.4	48.7	48.0	47.2	46.5
75°	63.0	63.4	64.5	65.5	64.5	63.4	63.0	62.4	61.6	60.7	59.7
72.5°	77.2	77.7	78.4	79.0	78.4	77.7	77.2	76.5	75.6	74.6	73.3
70°	90.5	91.1	91.4	91.5	91.4	91.1	90.5	89.8	88.9	87.7	86.3
67.5°	103.3	103.7	103.6	103.2	103.6	103.7	103.3	102.7	101.9	100.6	98.9
65°	114.9	115.3	115.2	114.8	115.2	115.3	114.9	114.4	113.6	112.3	110.7
62.5°	125.7	126.1	126.4	126.5	126.4	126.1	125.7	125.1	124.3	122.9	121.3
60°	135.8	136.7	137.2	137.3	137.2	136.7	135.8	134.8	133.6	132.1	130.3
57.5°	140.9	141.5	141.7	141.8	141.7	141.5	140.9	140.2	139.4	138.4	137.2
55°	144.3	144.3	144.0	143.5	144.0	144.3	144.3	144.1	143.6	143.0	142.2
52.5°	147.8	147.3	147.0	147.1	147.0	147.3	147.8	148.1	148.1	148.0	147.3
50°	153.6	152.8	152.4	152.5	152.4	152.8	153.6	154.1	154.5	154.8	154.3
47.5°	163.3	163.6	164.0	164.2	164.0	163.6	163.3	162.7	163.1	163.9	164.1
45°	177.0	178.3	179.1	179.4	179.1	178.3	177.0	175.2	174.6	174.5	174.5
42.5°	196.4	197.9	198.5	198.3	198.5	197.9	196.4	193.7	191.0	187.8	185.2
40°	219.6	222.6	224.3	224.3	224.3	222.6	219.6	215.8	212.2	207.4	202.2
37.5°	248.4	252.5	254.5	253.9	254.5	252.5	248.4	243.2	237.3	229.5	222.6
35°	284.9	288.9	290.6	292.5	290.6	288.9	284.9	278.6	270.4	260.3	249.0
32.5°	343.0	351.1	354.4	349.9	354.4	351.1	343.0	329.9	313.3	296.7	280.8
30°	466.3	496.1	516.0	525.7	516.0	496.1	466.3	432.7	383.0	350.6	322.3
27.5°	833.5	911.5	944.5	962.7	944.5	911.5	833.5	715.7	544.6	480.8	395.6
25°	1540.9	1707.3	1803.0	1795.3	1803.0	1707.3	1540.9	1312.0	1044.6	813.1	565.9
22.5°	2582.5	2845.0	3002.4	3060.3	3002.4	2845.0	2582.5	2198.9	1786.0	1380.6	998.7
20°	3873.7	4168.0	4322.0	4345.0	4322.0	4168.0	3873.7	3395.2	2821.9	2158.9	1616.2
17.5°	5355.7	5634.7	5796.9	5794.9	5796.9	5634.7	5355.7	4792.5	4076.9	3224.6	2384.8
15°	7643.5	8723.6	9332.6	9243.6	9332.6	8723.6	7643.5	6391.8	5472.7	4395.3	3250.2
12.5°	12524.4	16838.2	19514.0	20174.9	19514.0	16838.2	12524.4	9355.6	7018.0	5541.6	4168.0
10°	22132.4	28586.1	33740.1	35229.5	33740.1	28586.1	22132.4	15086.4	9560.6	6604.7	4938.7
7.5°	31835.9	39495.4	42647.6	43013.9	42647.6	39495.4	31835.9	22367.2	13068.7	8102.5	5597.8
5°	39160.3	46954.0	47856.1	45590.1	47856.1	46954.0	39160.3	28553.1	17356.8	9630.6	6031.8
2.5°	43994.9	49883.3	50724.2	49504.5	50724.2	49883.3	43994.9	32954.9	19837.1	10656.6	6323.9
0°	45097.5	49104.4	50298.9	50429.5	50298.9	49104.4	45097.5	34523.4	20805.6	11008.4	6402.3
-2.5°	43994.9	49883.3	50724.2	49504.5	50724.2	49883.3	43994.9	32954.9	19837.1	10656.6	6323.9
-5°	39160.3	46954.0	47856.1	45590.1	47856.1	46954.0	39160.3	28553.1	17356.8	9630.6	6031.8
-7.5°	31835.9	39495.4	42647.6	43013.9	42647.6	39495.4	31835.9	22367.2	13068.7	8102.5	5597.8
-10°	22132.4	28586.1	33740.1	35229.5	33740.1	28586.1	22132.4	15086.4	9560.6	6604.7	4938.7
-12.5°	12524.4	16838.2	19514.0	20174.9	19514.0	16838.2	12524.4	9355.6	7018.0	5541.6	4168.0
-15°	7643.5	8723.6	9332.6	9243.6	9332.6	8723.6	7643.5	6391.8	5472.7	4395.3	3250.2
-17.5°	5355.7	5634.7	5796.9	5794.9	5796.9	5634.7	5355.7	4792.5	4076.9	3224.6	2384.8
-20°	3873.7	4168.0	4322.0	4345.0	4322.0	4168.0	3873.7	3395.2	2821.9	2158.9	1616.2



REPORT NUMBER: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2582.5	2845.0	3002.4	3060.3	3002.4	2845.0	2582.5	2198.9	1786.0	1380.6	998.7
-25°	1540.9	1707.3	1803.0	1795.3	1803.0	1707.3	1540.9	1312.0	1044.6	813.1	565.9
-27.5°	833.5	911.5	944.5	962.7	944.5	911.5	833.5	715.7	544.6	480.8	395.6
-30°	466.3	496.1	516.0	525.7	516.0	496.1	466.3	432.7	383.0	350.6	322.3
-32.5°	343.0	351.1	354.4	349.9	354.4	351.1	343.0	329.9	313.3	296.7	280.8
-35°	284.9	288.9	290.6	292.5	290.6	288.9	284.9	278.6	270.4	260.3	249.0
-37.5°	248.4	252.5	254.5	253.9	254.5	252.5	248.4	243.2	237.3	229.5	222.6
-40°	219.6	222.6	224.3	224.3	224.3	222.6	219.6	215.8	212.2	207.4	202.2
-42.5°	196.4	197.9	198.5	198.3	198.5	197.9	196.4	193.7	191.0	187.8	185.2
-45°	177.0	178.3	179.1	179.4	179.1	178.3	177.0	175.2	174.6	174.5	174.5
-47.5°	163.3	163.6	164.0	164.2	164.0	163.6	163.3	162.7	163.1	163.9	164.1
-50°	153.6	152.8	152.4	152.5	152.4	152.8	153.6	154.1	154.5	154.8	154.3
-52.5°	147.8	147.3	147.0	147.1	147.0	147.3	147.8	148.1	148.1	148.0	147.3
-55°	144.3	144.3	144.0	143.5	144.0	144.3	144.3	144.1	143.6	143.0	142.2
-57.5°	140.9	141.5	141.7	141.8	141.7	141.5	140.9	140.2	139.4	138.4	137.2
-60°	135.8	136.7	137.2	137.3	137.2	136.7	135.8	134.8	133.6	132.1	130.3
-62.5°	125.7	126.1	126.4	126.5	126.4	126.1	125.7	125.1	124.3	122.9	121.3
-65°	114.9	115.3	115.2	114.8	115.2	115.3	114.9	114.4	113.6	112.3	110.7
-67.5°	103.3	103.7	103.6	103.2	103.6	103.7	103.3	102.7	101.9	100.6	98.9
-70°	90.5	91.1	91.4	91.5	91.4	91.1	90.5	89.8	88.9	87.7	86.3
-72.5°	77.2	77.7	78.4	79.0	78.4	77.7	77.2	76.5	75.6	74.6	73.3
-75°	63.0	63.4	64.5	65.5	64.5	63.4	63.0	62.4	61.6	60.7	59.7
-77.5°	49.4	49.9	50.1	50.2	50.1	49.9	49.4	48.7	48.0	47.2	46.5
-80°	36.4	36.6	37.2	37.7	37.2	36.6	36.4	36.0	35.6	35.0	34.2
-82.5°	23.9	24.1	24.2	24.2	24.2	24.1	23.9	23.7	23.5	23.1	22.5
-85°	14.0	14.3	13.9	13.5	13.9	14.3	14.0	13.7	13.3	12.9	12.7
-87.5°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	4.9
-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: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-NR-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°	4.6	4.4	4.1	4.2	4.3	4.4	4.4	4.3	4.1	4.0	3.8
85°	12.5	12.2	11.8	11.5	11.2	10.9	10.6	10.0	9.5	8.9	8.4
82.5°	21.9	21.2	20.5	20.0	19.3	18.7	18.0	17.1	16.2	15.1	14.0
80°	33.3	32.2	31.2	30.3	29.3	28.2	27.0	25.8	24.5	23.4	22.1
77.5°	45.7	44.6	43.4	42.2	40.8	39.4	37.9	36.2	34.4	32.6	30.8
75°	58.6	57.3	56.0	54.5	52.7	50.8	48.8	46.7	44.5	42.2	39.7
72.5°	71.8	70.2	68.5	66.7	64.8	62.7	60.4	57.9	55.1	52.1	49.1
70°	84.8	83.0	81.1	79.0	76.6	74.1	71.6	69.0	66.2	63.0	59.3
67.5°	97.1	95.1	93.0	90.7	88.0	85.2	82.4	79.5	76.3	73.0	69.1
65°	108.8	106.5	104.4	102.0	99.3	96.3	93.1	89.8	86.2	82.5	78.4
62.5°	119.5	117.6	115.3	112.7	109.9	106.9	103.5	99.8	95.9	91.9	87.3
60°	128.4	126.5	124.3	121.9	119.2	116.3	112.8	109.0	105.1	100.6	96.0
57.5°	135.7	133.8	131.8	129.6	127.2	124.3	121.0	117.5	113.4	108.9	104.1
55°	141.1	139.8	138.2	136.2	133.9	131.1	128.2	124.8	120.8	116.7	111.6
52.5°	145.9	144.8	143.5	142.0	139.8	137.0	134.3	131.0	127.5	123.2	118.6
50°	153.2	150.8	148.5	146.5	144.5	142.1	139.2	136.3	133.0	129.1	124.7
47.5°	162.3	158.4	154.6	151.7	149.1	146.5	143.7	140.8	137.7	134.2	129.9
45°	171.7	167.2	162.3	158.2	154.3	151.2	148.1	145.1	142.1	138.6	134.6
42.5°	181.7	177.0	171.5	166.1	160.8	156.5	152.7	149.5	146.1	142.7	138.7
40°	195.8	188.4	182.6	175.6	169.1	162.7	158.4	154.1	150.4	146.5	142.6
37.5°	214.5	205.8	196.7	187.7	179.3	171.2	165.1	159.8	154.8	150.5	146.0
35°	236.1	225.0	213.3	202.1	191.6	181.8	173.0	166.2	160.4	154.9	149.8
32.5°	264.3	248.3	233.0	218.9	204.9	192.9	182.4	173.5	166.4	160.2	154.0
30°	295.3	274.5	254.5	238.0	221.0	205.6	191.7	181.2	172.9	165.8	158.6
27.5°	345.6	305.4	279.9	257.2	237.7	219.7	203.1	188.1	178.9	171.3	163.6
25°	454.8	358.9	312.1	281.5	256.3	233.3	214.3	197.1	184.3	176.0	166.2
22.5°	664.0	481.2	360.8	307.6	276.9	249.3	225.6	206.3	188.6	178.1	168.0
20°	1078.4	668.1	462.2	350.8	299.4	264.9	237.1	215.2	195.6	180.5	169.3
17.5°	1638.5	1031.6	590.3	406.8	329.5	284.4	249.9	223.4	201.9	183.1	170.1
15°	2238.5	1444.3	858.9	512.5	361.4	300.8	260.5	231.0	207.8	187.0	172.0
12.5°	2923.0	1876.4	1106.6	598.2	398.8	319.2	272.2	239.3	213.6	191.6	175.0
10°	3536.0	2313.0	1392.3	776.2	461.5	337.6	283.0	246.6	219.0	195.5	177.3
7.5°	4035.7	2724.9	1650.8	908.8	508.7	352.2	292.1	252.8	223.5	198.3	179.0
5°	4355.2	3028.7	1856.8	1008.1	541.5	361.9	298.3	257.4	226.8	200.0	180.0
2.5°	4581.6	3229.8	1987.0	1066.0	559.0	367.2	302.6	260.2	229.4	202.2	181.8
0°	4592.7	3298.0	2031.2	1116.1	562.5	368.7	305.9	261.1	230.6	203.7	183.0
-2.5°	4581.6	3229.8	1987.0	1066.0	559.0	367.2	302.6	260.2	229.4	202.2	181.8
-5°	4355.2	3028.7	1856.8	1008.1	541.5	361.9	298.3	257.4	226.8	200.0	180.0
-7.5°	4035.7	2724.9	1650.8	908.8	508.7	352.2	292.1	252.8	223.5	198.3	179.0
-10°	3536.0	2313.0	1392.3	776.2	461.5	337.6	283.0	246.6	219.0	195.5	177.3
-12.5°	2923.0	1876.4	1106.6	598.2	398.8	319.2	272.2	239.3	213.6	191.6	175.0
-15°	2238.5	1444.3	858.9	512.5	361.4	300.8	260.5	231.0	207.8	187.0	172.0
-17.5°	1638.5	1031.6	590.3	406.8	329.5	284.4	249.9	223.4	201.9	183.1	170.1
-20°	1078.4	668.1	462.2	350.8	299.4	264.9	237.1	215.2	195.6	180.5	169.3



REPORT NUMBER: P558759 (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°	664.0	481.2	360.8	307.6	276.9	249.3	225.6	206.3	188.6	178.1	168.0
-25°	454.8	358.9	312.1	281.5	256.3	233.3	214.3	197.1	184.3	176.0	166.2
-27.5°	345.6	305.4	279.9	257.2	237.7	219.7	203.1	188.1	178.9	171.3	163.6
-30°	295.3	274.5	254.5	238.0	221.0	205.6	191.7	181.2	172.9	165.8	158.6
-32.5°	264.3	248.3	233.0	218.9	204.9	192.9	182.4	173.5	166.4	160.2	154.0
-35°	236.1	225.0	213.3	202.1	191.6	181.8	173.0	166.2	160.4	154.9	149.8
-37.5°	214.5	205.8	196.7	187.7	179.3	171.2	165.1	159.8	154.8	150.5	146.0
-40°	195.8	188.4	182.6	175.6	169.1	162.7	158.4	154.1	150.4	146.5	142.6
-42.5°	181.7	177.0	171.5	166.1	160.8	156.5	152.7	149.5	146.1	142.7	138.7
-45°	171.7	167.2	162.3	158.2	154.3	151.2	148.1	145.1	142.1	138.6	134.6
-47.5°	162.3	158.4	154.6	151.7	149.1	146.5	143.7	140.8	137.7	134.2	129.9
-50°	153.2	150.8	148.5	146.5	144.5	142.1	139.2	136.3	133.0	129.1	124.7
-52.5°	145.9	144.8	143.5	142.0	139.8	137.0	134.3	131.0	127.5	123.2	118.6
-55°	141.1	139.8	138.2	136.2	133.9	131.1	128.2	124.8	120.8	116.7	111.6
-57.5°	135.7	133.8	131.8	129.6	127.2	124.3	121.0	117.5	113.4	108.9	104.1
-60°	128.4	126.5	124.3	121.9	119.2	116.3	112.8	109.0	105.1	100.6	96.0
-62.5°	119.5	117.6	115.3	112.7	109.9	106.9	103.5	99.8	95.9	91.9	87.3
-65°	108.8	106.5	104.4	102.0	99.3	96.3	93.1	89.8	86.2	82.5	78.4
-67.5°	97.1	95.1	93.0	90.7	88.0	85.2	82.4	79.5	76.3	73.0	69.1
-70°	84.8	83.0	81.1	79.0	76.6	74.1	71.6	69.0	66.2	63.0	59.3
-72.5°	71.8	70.2	68.5	66.7	64.8	62.7	60.4	57.9	55.1	52.1	49.1
-75°	58.6	57.3	56.0	54.5	52.7	50.8	48.8	46.7	44.5	42.2	39.7
-77.5°	45.7	44.6	43.4	42.2	40.8	39.4	37.9	36.2	34.4	32.6	30.8
-80°	33.3	32.2	31.2	30.3	29.3	28.2	27.0	25.8	24.5	23.4	22.1
-82.5°	21.9	21.2	20.5	20.0	19.3	18.7	18.0	17.1	16.2	15.1	14.0
-85°	12.5	12.2	11.8	11.5	11.2	10.9	10.6	10.0	9.5	8.9	8.4
-87.5°	4.6	4.4	4.1	4.2	4.3	4.4	4.4	4.3	4.1	4.0	3.8
-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: P558759 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-930-U-NR-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°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
85°	8.0	7.6	7.1	6.6	6.0	5.4	5.0	4.6	4.1	3.7	3.2
82.5°	13.1	12.5	11.9	11.2	10.5	9.7	8.8	7.8	6.7	5.6	4.9
80°	20.7	19.3	18.0	16.6	15.2	13.9	12.8	11.5	10.0	8.5	7.0
77.5°	28.8	26.7	24.6	22.6	20.8	18.9	17.2	15.3	13.3	11.3	9.5
75°	37.2	34.7	32.1	29.4	26.7	23.9	21.7	19.4	16.9	14.2	11.9
72.5°	46.3	43.2	39.9	36.5	33.3	30.0	26.6	23.4	20.6	17.6	14.4
70°	55.6	51.9	48.3	44.2	40.1	36.0	32.2	28.3	24.3	21.0	17.5
67.5°	65.0	60.6	56.3	51.9	47.2	42.4	37.8	33.3	28.8	24.3	20.4
65°	73.9	69.1	64.1	59.1	54.0	48.8	43.5	38.3	33.3	28.3	23.4
62.5°	82.6	77.7	72.1	66.3	60.7	55.0	49.2	43.5	37.8	32.2	26.6
60°	91.0	85.7	79.9	73.6	67.3	61.0	54.8	48.6	42.3	36.0	30.0
57.5°	98.9	93.4	87.2	80.6	73.8	67.0	60.3	53.6	46.8	40.0	33.3
55°	106.4	100.5	94.1	87.2	80.1	72.7	65.7	58.5	51.2	43.8	36.5
52.5°	113.3	107.2	100.6	93.5	86.1	78.4	71.0	63.2	55.4	47.6	39.8
50°	119.5	113.4	106.7	99.4	91.8	83.9	76.2	68.0	59.6	51.3	43.0
47.5°	125.0	119.0	112.3	105.0	97.1	89.2	81.1	72.6	63.6	54.8	46.1
45°	129.7	124.2	117.5	110.1	102.4	94.2	85.7	77.2	67.7	58.3	49.2
42.5°	134.2	128.7	122.3	114.9	107.3	99.0	90.1	81.2	71.7	61.7	52.1
40°	138.0	132.9	126.8	119.6	112.0	103.7	94.4	85.0	75.5	64.9	54.9
37.5°	141.5	136.5	130.6	124.2	116.5	107.9	98.5	88.5	79.0	68.1	57.6
35°	144.8	139.7	134.5	128.3	120.7	112.0	102.5	92.0	81.9	71.2	60.1
32.5°	148.1	142.8	137.6	131.7	124.7	115.9	106.1	95.3	84.7	74.0	62.5
30°	151.7	145.4	140.3	134.9	128.3	119.5	109.4	98.3	87.4	76.6	64.8
27.5°	154.7	147.6	142.7	137.4	131.1	122.8	112.2	101.1	89.8	78.9	66.9
25°	157.1	149.8	144.5	139.5	133.6	125.5	114.8	103.5	92.1	80.9	68.8
22.5°	159.0	151.6	145.9	141.4	135.9	127.9	117.1	105.6	94.1	82.7	70.6
20°	160.1	153.0	146.9	143.0	137.9	129.7	119.1	107.5	95.9	84.3	72.2
17.5°	160.5	154.0	148.2	144.1	139.3	131.5	120.8	109.2	97.4	85.8	73.6
15°	162.0	154.9	149.2	144.9	140.6	133.2	122.2	110.6	98.7	87.1	74.8
12.5°	163.6	155.6	149.9	145.6	141.6	134.9	123.5	111.8	99.7	88.1	75.8
10°	165.0	156.1	150.3	146.2	142.4	136.4	124.4	112.7	100.8	89.0	76.6
7.5°	166.1	156.3	150.3	146.6	143.0	137.7	125.3	113.4	101.7	89.7	77.3
5°	166.9	156.4	150.3	146.9	143.6	138.5	125.9	113.8	102.4	90.2	77.7
2.5°	167.6	156.4	150.1	147.1	144.0	138.9	126.4	114.0	102.9	90.5	78.0
0°	167.8	156.1	149.8	147.1	144.4	139.1	126.5	113.9	103.2	90.6	78.1
-2.5°	167.6	156.4	150.1	147.1	144.0	138.9	126.4	114.0	102.9	90.5	78.0
-5°	166.9	156.4	150.3	146.9	143.6	138.5	125.9	113.8	102.4	90.2	77.7
-7.5°	166.1	156.3	150.3	146.6	143.0	137.7	125.3	113.4	101.7	89.7	77.3
-10°	165.0	156.1	150.3	146.2	142.4	136.4	124.4	112.7	100.8	89.0	76.6
-12.5°	163.6	155.6	149.9	145.6	141.6	134.9	123.5	111.8	99.7	88.1	75.8
-15°	162.0	154.9	149.2	144.9	140.6	133.2	122.2	110.6	98.7	87.1	74.8
-17.5°	160.5	154.0	148.2	144.1	139.3	131.5	120.8	109.2	97.4	85.8	73.6
-20°	160.1	153.0	146.9	143.0	137.9	129.7	119.1	107.5	95.9	84.3	72.2



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	159.0	151.6	145.9	141.4	135.9	127.9	117.1	105.6	94.1	82.7	70.6
-25°	157.1	149.8	144.5	139.5	133.6	125.5	114.8	103.5	92.1	80.9	68.8
-27.5°	154.7	147.6	142.7	137.4	131.1	122.8	112.2	101.1	89.8	78.9	66.9
-30°	151.7	145.4	140.3	134.9	128.3	119.5	109.4	98.3	87.4	76.6	64.8
-32.5°	148.1	142.8	137.6	131.7	124.7	115.9	106.1	95.3	84.7	74.0	62.5
-35°	144.8	139.7	134.5	128.3	120.7	112.0	102.5	92.0	81.9	71.2	60.1
-37.5°	141.5	136.5	130.6	124.2	116.5	107.9	98.5	88.5	79.0	68.1	57.6
-40°	138.0	132.9	126.8	119.6	112.0	103.7	94.4	85.0	75.5	64.9	54.9
-42.5°	134.2	128.7	122.3	114.9	107.3	99.0	90.1	81.2	71.7	61.7	52.1
-45°	129.7	124.2	117.5	110.1	102.4	94.2	85.7	77.2	67.7	58.3	49.2
-47.5°	125.0	119.0	112.3	105.0	97.1	89.2	81.1	72.6	63.6	54.8	46.1
-50°	119.5	113.4	106.7	99.4	91.8	83.9	76.2	68.0	59.6	51.3	43.0
-52.5°	113.3	107.2	100.6	93.5	86.1	78.4	71.0	63.2	55.4	47.6	39.8
-55°	106.4	100.5	94.1	87.2	80.1	72.7	65.7	58.5	51.2	43.8	36.5
-57.5°	98.9	93.4	87.2	80.6	73.8	67.0	60.3	53.6	46.8	40.0	33.3
-60°	91.0	85.7	79.9	73.6	67.3	61.0	54.8	48.6	42.3	36.0	30.0
-62.5°	82.6	77.7	72.1	66.3	60.7	55.0	49.2	43.5	37.8	32.2	26.6
-65°	73.9	69.1	64.1	59.1	54.0	48.8	43.5	38.3	33.3	28.3	23.4
-67.5°	65.0	60.6	56.3	51.9	47.2	42.4	37.8	33.3	28.8	24.3	20.4
-70°	55.6	51.9	48.3	44.2	40.1	36.0	32.2	28.3	24.3	21.0	17.5
-72.5°	46.3	43.2	39.9	36.5	33.3	30.0	26.6	23.4	20.6	17.6	14.4
-75°	37.2	34.7	32.1	29.4	26.7	23.9	21.7	19.4	16.9	14.2	11.9
-77.5°	28.8	26.7	24.6	22.6	20.8	18.9	17.2	15.3	13.3	11.3	9.5
-80°	20.7	19.3	18.0	16.6	15.2	13.9	12.8	11.5	10.0	8.5	7.0
-82.5°	13.1	12.5	11.9	11.2	10.5	9.7	8.8	7.8	6.7	5.6	4.9
-85°	8.0	7.6	7.1	6.6	6.0	5.4	5.0	4.6	4.1	3.7	3.2
-87.5°	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6
-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°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
80°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
77.5°	7.7	6.0	4.7	3.5	2.3	1.2	0.0
75°	9.8	7.8	5.7	4.2	2.8	1.4	0.0
72.5°	11.8	9.5	7.1	4.9	3.2	1.6	0.0
70°	13.9	11.3	8.5	5.6	3.7	1.8	0.0
67.5°	16.5	13.0	9.9	6.7	4.1	2.1	0.0
65°	19.0	14.9	11.3	7.7	4.6	2.3	0.0
62.5°	21.5	16.9	12.7	8.8	5.0	2.5	0.0
60°	23.9	18.9	14.0	9.8	5.4	2.7	0.0
57.5°	26.7	20.8	15.5	10.8	6.1	2.9	0.0
55°	29.4	22.7	17.0	11.8	6.7	3.1	0.0
52.5°	32.1	24.6	18.4	12.7	7.3	3.3	0.0
50°	34.7	26.7	19.8	13.7	8.0	3.5	0.0
47.5°	37.2	28.8	21.1	14.6	8.6	3.6	0.0
45°	39.8	30.8	22.4	15.5	9.1	3.8	0.0
42.5°	42.3	32.7	23.6	16.4	9.7	4.0	0.0
40°	44.8	34.5	24.9	17.3	10.2	4.1	0.0
37.5°	47.1	36.2	26.3	18.1	10.7	4.3	0.0
35°	49.3	38.0	27.6	18.9	11.1	4.4	0.0
32.5°	51.4	39.7	28.8	19.6	11.6	4.6	0.0
30°	53.3	41.4	30.0	20.2	12.0	4.7	0.0
27.5°	55.1	42.9	31.1	20.9	12.4	4.8	0.0
25°	56.7	44.3	32.1	21.4	12.7	4.9	0.0
22.5°	58.2	45.6	33.1	22.0	13.0	5.0	0.0
20°	59.6	46.8	33.9	22.4	13.3	5.1	0.0
17.5°	60.8	47.8	34.7	22.8	13.6	5.1	0.0
15°	61.8	48.7	35.4	23.2	13.8	5.2	0.0
12.5°	62.6	49.4	36.1	23.5	14.0	5.3	0.0
10°	63.3	50.0	36.6	23.8	14.1	5.3	0.0
7.5°	63.9	50.5	37.0	23.9	14.2	5.4	0.0
5°	64.3	50.8	37.3	24.1	14.3	5.4	0.0
2.5°	64.5	51.0	37.6	24.2	14.4	5.4	0.0
0°	64.6	51.1	37.7	24.2	14.4	5.4	0.0
-2.5°	64.5	51.0	37.6	24.2	14.4	5.4	0.0
-5°	64.3	50.8	37.3	24.1	14.3	5.4	0.0
-7.5°	63.9	50.5	37.0	23.9	14.2	5.4	0.0
-10°	63.3	50.0	36.6	23.8	14.1	5.3	0.0
-12.5°	62.6	49.4	36.1	23.5	14.0	5.3	0.0
-15°	61.8	48.7	35.4	23.2	13.8	5.2	0.0
-17.5°	60.8	47.8	34.7	22.8	13.6	5.1	0.0
-20°	59.6	46.8	33.9	22.4	13.3	5.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	58.2	45.6	33.1	22.0	13.0	5.0	0.0
-25°	56.7	44.3	32.1	21.4	12.7	4.9	0.0
-27.5°	55.1	42.9	31.1	20.9	12.4	4.8	0.0
-30°	53.3	41.4	30.0	20.2	12.0	4.7	0.0
-32.5°	51.4	39.7	28.8	19.6	11.6	4.6	0.0
-35°	49.3	38.0	27.6	18.9	11.1	4.4	0.0
-37.5°	47.1	36.2	26.3	18.1	10.7	4.3	0.0
-40°	44.8	34.5	24.9	17.3	10.2	4.1	0.0
-42.5°	42.3	32.7	23.6	16.4	9.7	4.0	0.0
-45°	39.8	30.8	22.4	15.5	9.1	3.8	0.0
-47.5°	37.2	28.8	21.1	14.6	8.6	3.6	0.0
-50°	34.7	26.7	19.8	13.7	8.0	3.5	0.0
-52.5°	32.1	24.6	18.4	12.7	7.3	3.3	0.0
-55°	29.4	22.7	17.0	11.8	6.7	3.1	0.0
-57.5°	26.7	20.8	15.5	10.8	6.1	2.9	0.0
-60°	23.9	18.9	14.0	9.8	5.4	2.7	0.0
-62.5°	21.5	16.9	12.7	8.8	5.0	2.5	0.0
-65°	19.0	14.9	11.3	7.7	4.6	2.3	0.0
-67.5°	16.5	13.0	9.9	6.7	4.1	2.1	0.0
-70°	13.9	11.3	8.5	5.6	3.7	1.8	0.0
-72.5°	11.8	9.5	7.1	4.9	3.2	1.6	0.0
-75°	9.8	7.8	5.7	4.2	2.8	1.4	0.0
-77.5°	7.7	6.0	4.7	3.5	2.3	1.2	0.0
-80°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)