

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: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1E-927-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

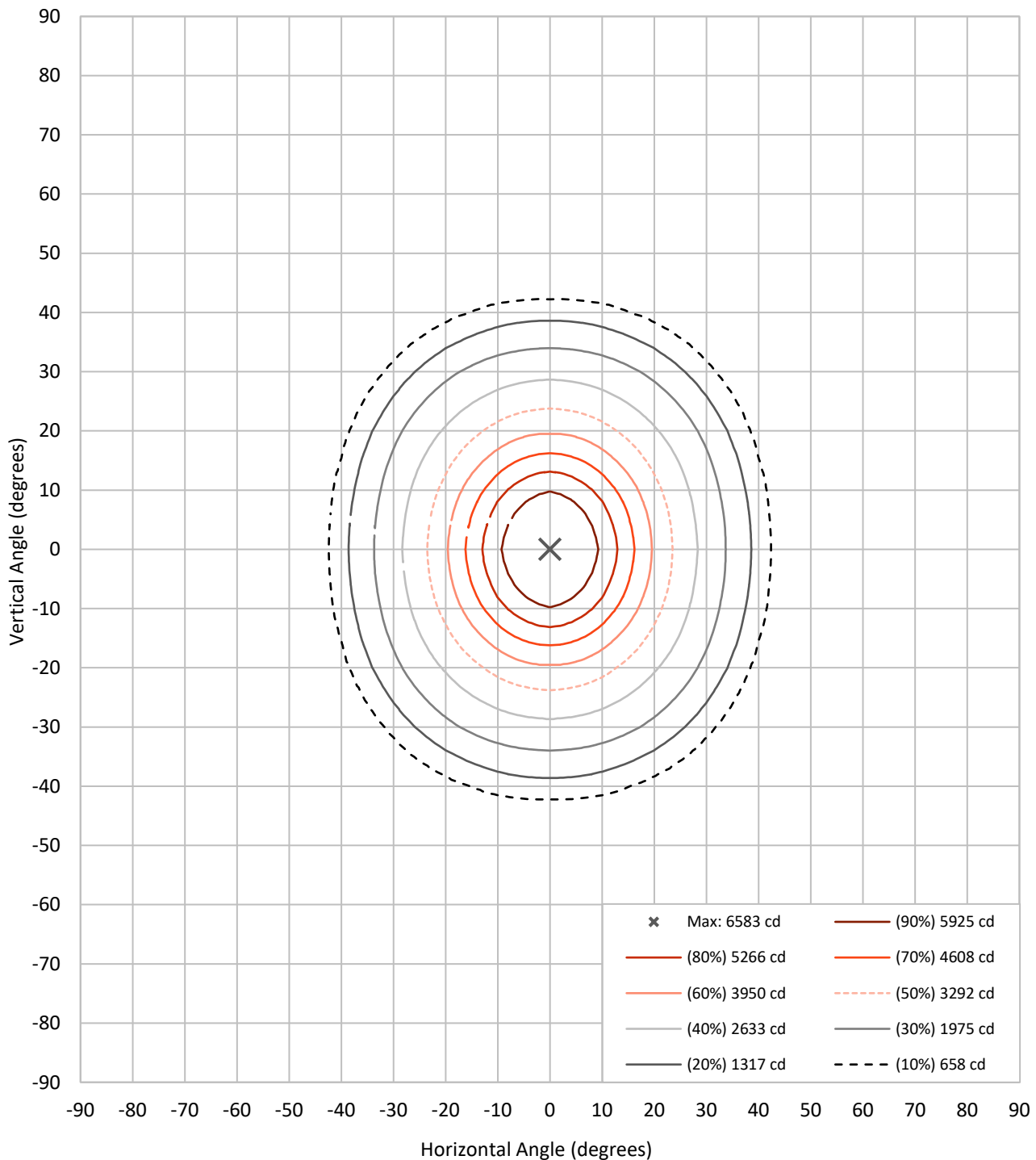
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5124.5 lumens	Max Intensity:	6583 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.1 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2418.1 lumens	Field Lumens:	4653.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 64  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





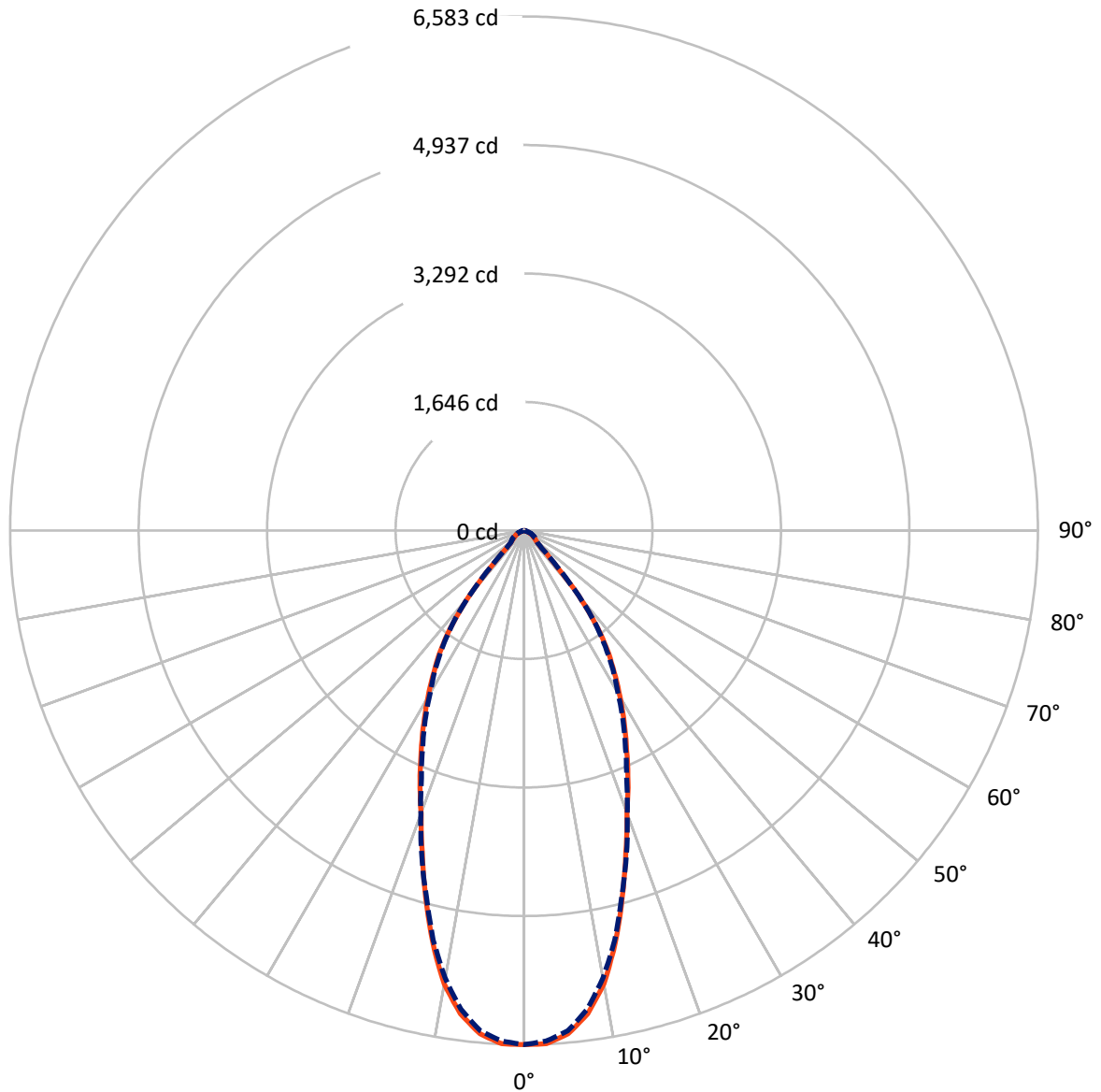
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### Lumen Table

90																			
80	0.1	0.6		1.4		2.3		1.8		2.3		1.4		0.6		0.1			
70																			
60	0.4	0.4	0.7	1.2	1.6	2.0	2.3	2.5	2.5	2.3	2.0	1.6	1.2	0.7	0.4	0.4			
50		0.6	1.2	2.1	2.9	3.7	4.2	4.6	4.6	4.2	3.7	2.9	2.1	1.2	0.6				
40	0.5	0.8	1.7	2.9	4.2	5.7	9.1	12.8	12.8	9.1	5.7	4.2	2.9	1.7	0.8	0.5			
30		1.0	2.1	3.6	6.8	21.6	42.0	53.6	53.6	42.0	21.6	6.8	3.6	2.1	1.0				
20	0.6	1.2	2.5	4.5	19.7	51.6	76.1	92.2	92.2	76.1	51.6	19.7	4.5	2.5	1.2	0.6			
10		1.3	2.8	6.9	35.9	71.2	108.2	140.8	140.8	108.2	71.2	35.9	6.9	2.8	1.3				
0	0.6	1.4	3.0	9.5	43.7	83.1	136.1	184.1	184.1	136.1	83.1	43.7	9.5	3.0	1.4	0.6			
-10		1.4	3.0	9.5	43.7	83.1	136.1	184.1	184.1	136.1	83.1	43.7	9.5	3.0	1.4				
-20	0.6	1.3	2.8	6.9	35.9	71.2	108.2	140.8	140.8	108.2	71.2	35.9	6.9	2.8	1.3	0.6			
-30		1.2	2.5	4.5	19.7	51.6	76.1	92.2	92.2	76.1	51.6	19.7	4.5	2.5	1.2				
-40	0.5	1.0	2.1	3.6	6.8	21.6	42.0	53.6	53.6	42.0	21.6	6.8	3.6	2.1	1.0	0.5			
-50		0.8	1.7	2.9	4.2	5.7	9.1	12.8	12.8	9.1	5.7	4.2	2.9	1.7	0.8				
-60	0.4	0.6	1.2	2.1	2.9	3.7	4.2	4.6	4.6	4.2	3.7	2.9	2.1	1.2	0.6	0.4			
-70		0.4	0.7	1.2	1.6	2.0	2.3	2.5	2.5	2.3	2.0	1.6	1.2	0.7	0.4				
-80																			
-90	0.1	0.6		1.4		2.3		1.8		2.3		1.4		0.6		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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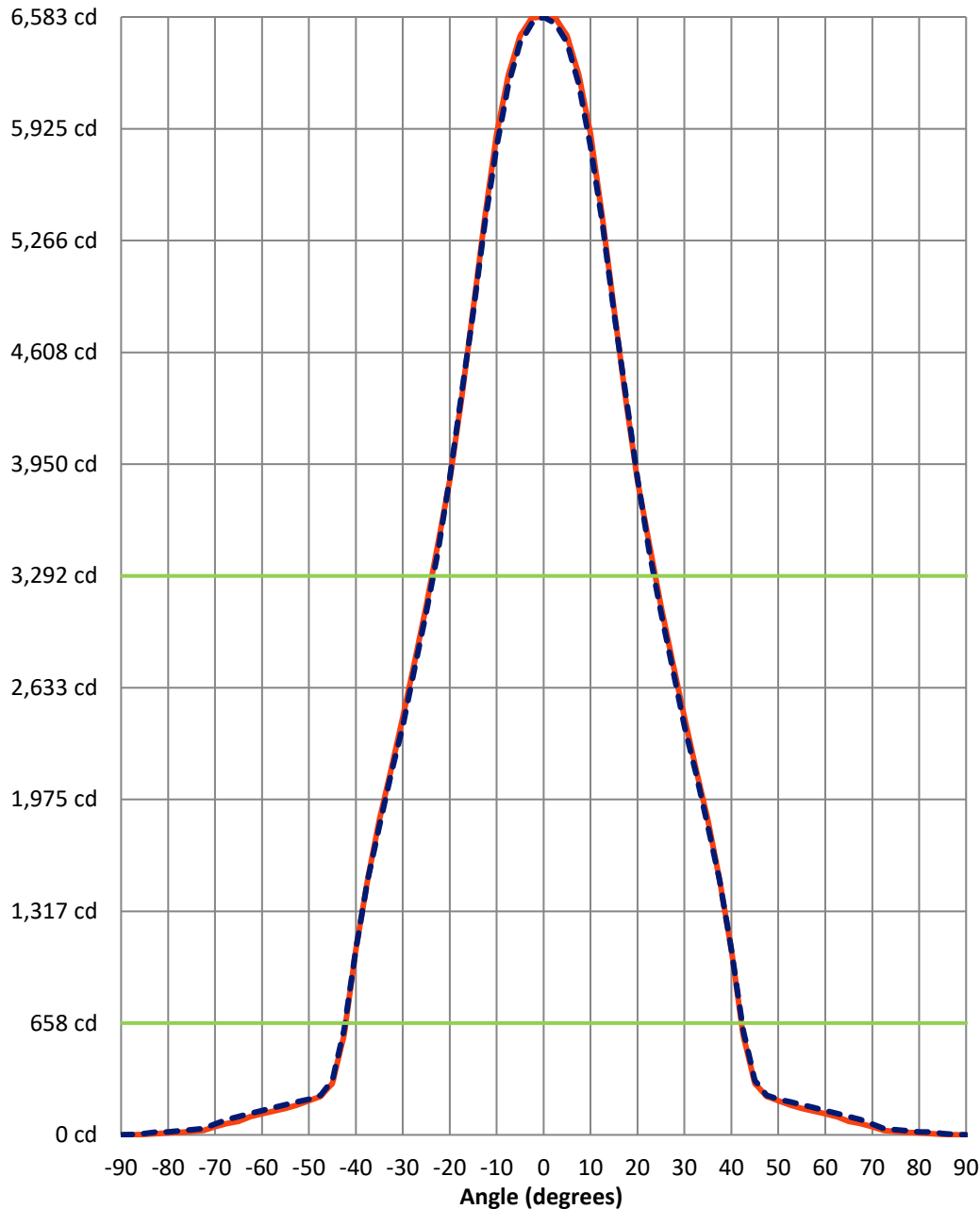
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 47.6°  
 Lumens: 2418.1  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 4653.1  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 471.5  
 Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.0	1.1	1.2	1.3
85°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
82.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.4	4.1	4.6
80°	0.0	0.4	0.9	1.4	2.1	2.8	3.7	4.9	5.9	6.6	7.1
77.5°	0.0	0.5	1.1	1.8	2.6	3.8	5.8	7.3	8.3	9.1	9.9
75°	0.0	0.6	1.3	2.1	3.2	5.4	7.9	9.6	10.9	12.2	13.3
72.5°	0.0	0.8	1.5	2.4	4.3	7.0	9.9	12.1	14.0	15.5	16.7
70°	0.0	0.9	1.7	2.9	5.5	8.5	11.9	15.0	17.2	18.9	21.6
67.5°	0.0	1.0	1.9	3.6	6.6	10.0	14.2	18.0	20.3	23.2	26.7
65°	0.0	1.1	2.1	4.4	7.6	11.5	16.5	20.9	23.7	27.2	31.5
62.5°	0.0	1.2	2.3	5.1	8.7	13.2	18.6	23.5	26.9	31.2	36.0
60°	0.0	1.2	2.5	5.8	9.6	14.8	20.6	26.0	29.9	35.2	40.4
57.5°	0.0	1.3	2.9	6.4	10.8	16.3	22.0	28.1	33.3	39.1	44.2
55°	0.0	1.4	3.3	7.1	11.8	17.7	23.2	29.7	36.7	42.8	47.8
52.5°	0.0	1.5	3.8	7.7	12.8	18.9	24.2	31.8	40.1	46.0	51.3
50°	0.0	1.6	4.1	8.2	13.7	19.5	25.0	33.8	43.2	49.0	55.1
47.5°	0.0	1.7	4.5	8.8	14.6	20.0	25.8	35.6	45.9	52.0	58.9
45°	0.0	1.8	4.9	9.3	15.4	20.3	27.0	37.1	47.3	55.3	62.5
42.5°	0.0	1.8	5.2	9.9	16.1	20.6	28.1	38.2	48.3	58.4	66.1
40°	0.0	1.9	5.5	10.4	16.5	20.7	29.0	38.8	49.2	61.1	69.7
37.5°	0.0	2.0	5.8	11.0	16.5	20.7	29.7	39.3	50.3	62.5	73.1
35°	0.0	2.0	6.1	11.6	16.5	21.0	30.1	39.6	51.1	64.5	76.4
32.5°	0.0	2.1	6.4	12.1	16.4	21.3	30.4	39.7	51.8	66.9	79.4
30°	0.0	2.2	6.6	12.7	16.3	21.5	30.3	39.7	52.3	69.7	82.3
27.5°	0.0	2.2	6.9	13.2	16.4	21.6	30.2	39.9	53.3	72.9	85.2
25°	0.0	2.3	7.1	13.7	16.6	21.5	29.8	40.0	55.5	75.5	88.0
22.5°	0.0	2.3	7.2	14.2	16.8	21.5	29.3	40.0	57.7	77.7	91.5
20°	0.0	2.3	7.4	14.6	16.9	22.1	28.7	39.8	60.0	79.8	94.7
17.5°	0.0	2.4	7.5	15.0	17.0	22.6	28.8	39.4	62.3	81.7	97.5
15°	0.0	2.4	7.7	15.4	17.1	23.0	29.2	39.3	64.4	83.4	100.0
12.5°	0.0	2.4	7.7	15.7	17.2	23.4	29.5	39.5	65.9	84.9	102.1
10°	0.0	2.5	7.8	16.0	17.2	23.7	29.8	39.4	66.5	86.2	103.9
7.5°	0.0	2.5	7.9	16.3	17.3	23.9	30.0	39.1	66.6	87.4	105.4
5°	0.0	2.5	7.9	16.5	17.3	24.1	30.1	38.6	66.1	88.5	106.5
2.5°	0.0	2.5	7.9	16.7	17.3	24.2	30.1	37.9	65.2	89.4	107.3
0°	0.0	2.5	7.9	16.8	17.3	24.2	30.1	37.1	63.8	89.9	107.7
-2.5°	0.0	2.5	7.9	16.7	17.3	24.2	30.1	37.9	65.2	89.4	107.3
-5°	0.0	2.5	7.9	16.5	17.3	24.1	30.1	38.6	66.1	88.5	106.5
-7.5°	0.0	2.5	7.9	16.3	17.3	23.9	30.0	39.1	66.6	87.4	105.4
-10°	0.0	2.5	7.8	16.0	17.2	23.7	29.8	39.4	66.5	86.2	103.9
-12.5°	0.0	2.4	7.7	15.7	17.2	23.4	29.5	39.5	65.9	84.9	102.1
-15°	0.0	2.4	7.7	15.4	17.1	23.0	29.2	39.3	64.4	83.4	100.0
-17.5°	0.0	2.4	7.5	15.0	17.0	22.6	28.8	39.4	62.3	81.7	97.5
-20°	0.0	2.3	7.4	14.6	16.9	22.1	28.7	39.8	60.0	79.8	94.7



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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	2.3	7.2	14.2	16.8	21.5	29.3	40.0	57.7	77.7	91.5
-25°	0.0	2.3	7.1	13.7	16.6	21.5	29.8	40.0	55.5	75.5	88.0
-27.5°	0.0	2.2	6.9	13.2	16.4	21.6	30.2	39.9	53.3	72.9	85.2
-30°	0.0	2.2	6.6	12.7	16.3	21.5	30.3	39.7	52.3	69.7	82.3
-32.5°	0.0	2.1	6.4	12.1	16.4	21.3	30.4	39.7	51.8	66.9	79.4
-35°	0.0	2.0	6.1	11.6	16.5	21.0	30.1	39.6	51.1	64.5	76.4
-37.5°	0.0	2.0	5.8	11.0	16.5	20.7	29.7	39.3	50.3	62.5	73.1
-40°	0.0	1.9	5.5	10.4	16.5	20.7	29.0	38.8	49.2	61.1	69.7
-42.5°	0.0	1.8	5.2	9.9	16.1	20.6	28.1	38.2	48.3	58.4	66.1
-45°	0.0	1.8	4.9	9.3	15.4	20.3	27.0	37.1	47.3	55.3	62.5
-47.5°	0.0	1.7	4.5	8.8	14.6	20.0	25.8	35.6	45.9	52.0	58.9
-50°	0.0	1.6	4.1	8.2	13.7	19.5	25.0	33.8	43.2	49.0	55.1
-52.5°	0.0	1.5	3.8	7.7	12.8	18.9	24.2	31.8	40.1	46.0	51.3
-55°	0.0	1.4	3.3	7.1	11.8	17.7	23.2	29.7	36.7	42.8	47.8
-57.5°	0.0	1.3	2.9	6.4	10.8	16.3	22.0	28.1	33.3	39.1	44.2
-60°	0.0	1.2	2.5	5.8	9.6	14.8	20.6	26.0	29.9	35.2	40.4
-62.5°	0.0	1.2	2.3	5.1	8.7	13.2	18.6	23.5	26.9	31.2	36.0
-65°	0.0	1.1	2.1	4.4	7.6	11.5	16.5	20.9	23.7	27.2	31.5
-67.5°	0.0	1.0	1.9	3.6	6.6	10.0	14.2	18.0	20.3	23.2	26.7
-70°	0.0	0.9	1.7	2.9	5.5	8.5	11.9	15.0	17.2	18.9	21.6
-72.5°	0.0	0.8	1.5	2.4	4.3	7.0	9.9	12.1	14.0	15.5	16.7
-75°	0.0	0.6	1.3	2.1	3.2	5.4	7.9	9.6	10.9	12.2	13.3
-77.5°	0.0	0.5	1.1	1.8	2.6	3.8	5.8	7.3	8.3	9.1	9.9
-80°	0.0	0.4	0.9	1.4	2.1	2.8	3.7	4.9	5.9	6.6	7.1
-82.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.4	4.1	4.6
-85°	0.0	0.2	0.4	0.7	1.0	1.4	1.8	2.0	2.2	2.4	2.5
-87.5°	0.0	0.1	0.2	0.4	0.5	0.7	0.9	1.0	1.1	1.2	1.3
-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°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8
85°	2.5	2.5	2.7	2.9	2.9	2.9	2.8	2.6	3.0	3.5	3.9
82.5°	5.0	5.5	5.9	6.3	6.3	6.1	5.9	5.6	6.5	7.6	8.7
80°	7.7	8.4	9.4	10.3	10.6	10.5	10.2	9.7	10.9	12.6	14.6
77.5°	11.1	12.4	13.7	15.1	15.4	15.2	14.5	13.5	15.0	17.9	21.0
75°	14.7	16.4	18.5	20.2	20.6	20.0	19.0	18.1	19.9	23.5	26.8
72.5°	19.2	21.9	24.1	25.6	25.7	25.1	24.6	24.2	26.2	30.4	33.9
70°	24.9	27.7	29.3	30.2	30.4	30.8	32.2	33.5	35.6	39.2	42.0
67.5°	30.6	32.8	34.3	35.4	37.5	39.5	41.5	43.5	45.8	48.8	50.9
65°	35.6	37.9	39.9	42.5	45.6	48.0	50.6	53.4	56.6	59.4	61.5
62.5°	40.7	43.1	45.9	49.3	52.9	56.1	59.9	63.8	67.6	70.8	74.4
60°	44.8	48.0	51.7	55.8	60.1	65.1	69.7	74.2	78.3	82.4	87.4
57.5°	48.7	53.1	57.6	62.5	68.2	74.2	79.7	84.6	89.8	95.6	100.5
55°	52.8	58.4	63.5	69.4	76.2	83.6	89.5	95.0	101.4	108.4	113.9
52.5°	57.3	63.4	69.4	76.5	84.7	92.0	98.2	105.1	112.9	120.5	126.9
50°	61.6	68.3	75.3	84.4	92.5	99.5	107.1	115.5	123.6	131.4	138.9
47.5°	65.9	73.1	82.5	91.7	99.3	107.5	116.4	125.0	133.5	141.7	149.5
45°	70.1	78.7	89.1	97.9	106.3	115.7	124.9	133.9	142.9	151.6	160.2
42.5°	74.2	84.2	94.7	103.9	113.6	123.3	133.0	142.6	152.1	161.4	170.5
40°	78.7	89.2	100.2	110.2	120.4	130.6	140.8	150.9	160.9	170.7	180.4
37.5°	82.8	94.4	105.9	116.3	126.8	137.5	148.2	158.9	169.4	179.6	190.7
35°	86.5	99.7	111.3	122.2	133.1	144.0	155.3	166.5	177.6	188.8	202.9
32.5°	90.7	105.0	116.3	127.9	139.2	150.4	162.1	174.0	185.8	198.8	219.1
30°	95.4	109.4	121.1	133.2	144.9	156.6	168.7	181.1	193.5	213.8	260.7
27.5°	99.9	113.4	125.8	138.2	150.1	162.4	175.0	187.9	205.2	236.4	312.5
25°	104.1	117.3	130.1	142.7	155.1	167.7	180.8	194.2	217.7	280.7	448.7
22.5°	107.7	121.1	134.4	146.8	159.5	172.6	186.2	204.0	240.2	325.4	600.3
20°	110.7	124.6	138.3	151.2	163.7	176.9	191.1	213.3	274.5	453.0	782.0
17.5°	113.6	127.9	141.9	155.4	168.5	181.4	196.0	221.3	305.3	563.9	964.7
15°	116.1	130.8	145.2	159.3	172.8	186.3	203.7	244.1	367.7	674.0	1127.4
12.5°	118.5	133.4	148.2	162.9	176.7	190.7	210.6	266.8	444.1	803.2	1238.5
10°	120.5	135.6	150.9	166.2	180.2	194.5	216.5	285.4	507.0	909.4	1327.7
7.5°	122.4	137.7	153.4	169.1	183.2	197.8	221.3	299.9	555.5	989.5	1399.0
5°	124.0	139.8	156.4	172.3	186.9	201.4	225.4	310.3	589.6	1043.4	1450.8
2.5°	125.2	141.5	159.0	175.1	191.0	205.8	230.1	318.0	611.6	1077.8	1484.0
0°	126.0	142.8	161.1	177.4	194.7	209.6	233.8	321.7	619.8	1090.3	1496.5
-2.5°	125.2	141.5	159.0	175.1	191.0	205.8	230.1	318.0	611.6	1077.8	1484.0
-5°	124.0	139.8	156.4	172.3	186.9	201.4	225.4	310.3	589.6	1043.4	1450.8
-7.5°	122.4	137.7	153.4	169.1	183.2	197.8	221.3	299.9	555.5	989.5	1399.0
-10°	120.5	135.6	150.9	166.2	180.2	194.5	216.5	285.4	507.0	909.4	1327.7
-12.5°	118.5	133.4	148.2	162.9	176.7	190.7	210.6	266.8	444.1	803.2	1238.5
-15°	116.1	130.8	145.2	159.3	172.8	186.3	203.7	244.1	367.7	674.0	1127.4
-17.5°	113.6	127.9	141.9	155.4	168.5	181.4	196.0	221.3	305.3	563.9	964.7
-20°	110.7	124.6	138.3	151.2	163.7	176.9	191.1	213.3	274.5	453.0	782.0



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	107.7	121.1	134.4	146.8	159.5	172.6	186.2	204.0	240.2	325.4	600.3
-25°	104.1	117.3	130.1	142.7	155.1	167.7	180.8	194.2	217.7	280.7	448.7
-27.5°	99.9	113.4	125.8	138.2	150.1	162.4	175.0	187.9	205.2	236.4	312.5
-30°	95.4	109.4	121.1	133.2	144.9	156.6	168.7	181.1	193.5	213.8	260.7
-32.5°	90.7	105.0	116.3	127.9	139.2	150.4	162.1	174.0	185.8	198.8	219.1
-35°	86.5	99.7	111.3	122.2	133.1	144.0	155.3	166.5	177.6	188.8	202.9
-37.5°	82.8	94.4	105.9	116.3	126.8	137.5	148.2	158.9	169.4	179.6	190.7
-40°	78.7	89.2	100.2	110.2	120.4	130.6	140.8	150.9	160.9	170.7	180.4
-42.5°	74.2	84.2	94.7	103.9	113.6	123.3	133.0	142.6	152.1	161.4	170.5
-45°	70.1	78.7	89.1	97.9	106.3	115.7	124.9	133.9	142.9	151.6	160.2
-47.5°	65.9	73.1	82.5	91.7	99.3	107.5	116.4	125.0	133.5	141.7	149.5
-50°	61.6	68.3	75.3	84.4	92.5	99.5	107.1	115.5	123.6	131.4	138.9
-52.5°	57.3	63.4	69.4	76.5	84.7	92.0	98.2	105.1	112.9	120.5	126.9
-55°	52.8	58.4	63.5	69.4	76.2	83.6	89.5	95.0	101.4	108.4	113.9
-57.5°	48.7	53.1	57.6	62.5	68.2	74.2	79.7	84.6	89.8	95.6	100.5
-60°	44.8	48.0	51.7	55.8	60.1	65.1	69.7	74.2	78.3	82.4	87.4
-62.5°	40.7	43.1	45.9	49.3	52.9	56.1	59.9	63.8	67.6	70.8	74.4
-65°	35.6	37.9	39.9	42.5	45.6	48.0	50.6	53.4	56.6	59.4	61.5
-67.5°	30.6	32.8	34.3	35.4	37.5	39.5	41.5	43.5	45.8	48.8	50.9
-70°	24.9	27.7	29.3	30.2	30.4	30.8	32.2	33.5	35.6	39.2	42.0
-72.5°	19.2	21.9	24.1	25.6	25.7	25.1	24.6	24.2	26.2	30.4	33.9
-75°	14.7	16.4	18.5	20.2	20.6	20.0	19.0	18.1	19.9	23.5	26.8
-77.5°	11.1	12.4	13.7	15.1	15.4	15.2	14.5	13.5	15.0	17.9	21.0
-80°	7.7	8.4	9.4	10.3	10.6	10.5	10.2	9.7	10.9	12.6	14.6
-82.5°	5.0	5.5	5.9	6.3	6.3	6.1	5.9	5.6	6.5	7.6	8.7
-85°	2.5	2.5	2.7	2.9	2.9	2.9	2.8	2.6	3.0	3.5	3.9
-87.5°	1.3	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.7
85°	4.4	4.3	4.1	3.8	3.5	3.6	3.8	4.0	4.2	3.9	3.6
82.5°	9.9	10.1	10.1	10.1	10.1	10.5	10.9	11.3	11.6	10.7	9.7
80°	16.8	17.6	18.1	18.5	18.9	18.9	18.6	18.2	17.6	16.1	14.4
77.5°	24.3	25.5	26.1	26.8	27.4	27.6	27.8	28.0	28.1	25.5	22.2
75°	30.1	31.9	33.0	34.0	35.0	35.5	35.8	36.0	36.1	33.0	28.9
72.5°	36.7	38.5	39.8	41.1	42.2	43.0	43.5	43.8	44.1	41.3	37.5
70°	44.0	45.4	47.0	48.5	50.0	50.9	51.6	52.1	52.5	52.3	52.1
67.5°	52.6	53.9	55.8	57.3	58.8	59.8	61.0	61.8	62.5	63.2	64.0
65°	63.5	66.5	69.3	70.7	70.9	72.4	74.9	76.5	77.3	78.0	78.8
62.5°	78.5	82.2	84.2	86.6	89.6	92.4	93.5	95.0	96.7	98.9	101.3
60°	91.4	94.5	97.6	100.9	103.7	106.1	108.6	111.2	113.5	115.6	117.6
57.5°	104.6	107.9	111.2	115.0	117.7	119.3	121.7	124.8	127.1	128.9	131.7
55°	118.3	122.6	127.0	130.4	133.0	134.6	136.5	139.4	141.2	141.8	145.0
52.5°	132.0	137.1	142.6	146.6	149.3	151.8	154.1	156.6	158.4	159.2	162.3
50°	144.7	150.9	156.9	162.2	165.7	169.9	174.5	176.8	178.3	180.0	183.5
47.5°	156.9	163.7	170.2	176.1	181.2	185.9	189.9	193.8	199.5	204.1	208.6
45°	168.6	175.8	182.8	189.5	195.2	204.3	213.0	220.4	240.1	256.7	269.3
42.5°	179.5	188.3	196.2	207.3	219.4	240.4	272.9	302.9	361.1	436.0	498.5
40°	190.9	202.3	216.4	238.1	279.1	321.3	447.4	559.8	670.3	796.1	903.8
37.5°	204.3	221.4	262.7	311.8	443.3	588.9	767.6	943.1	1095.9	1226.6	1335.7
35°	221.9	275.0	352.2	530.8	725.2	963.8	1169.8	1334.8	1485.7	1606.8	1698.0
32.5°	274.0	371.1	575.0	820.6	1088.0	1318.5	1519.2	1677.1	1814.8	1923.4	2007.9
30°	350.3	573.5	850.3	1144.5	1410.8	1630.9	1816.3	1966.9	2089.8	2200.3	2293.0
27.5°	531.4	818.6	1144.0	1444.1	1686.3	1892.4	2058.7	2207.9	2343.4	2459.7	2569.4
25°	729.7	1085.3	1413.5	1686.5	1912.6	2105.9	2281.4	2444.6	2596.2	2732.4	2859.9
22.5°	967.8	1322.4	1636.1	1888.8	2107.9	2306.5	2492.8	2674.4	2851.0	3017.1	3171.5
20°	1183.4	1531.4	1804.9	2057.3	2284.9	2491.9	2697.2	2908.9	3112.6	3312.8	3498.6
17.5°	1351.4	1675.1	1949.7	2205.6	2437.2	2671.6	2906.6	3149.7	3395.5	3627.9	3850.2
15°	1491.6	1795.0	2073.3	2329.1	2583.8	2842.5	3105.0	3391.4	3683.8	3961.9	4245.2
12.5°	1591.1	1895.1	2177.2	2433.9	2719.5	3000.2	3305.8	3632.2	3969.9	4293.9	4641.9
10°	1671.0	1974.9	2254.7	2531.4	2833.7	3145.0	3487.7	3847.2	4250.1	4633.8	5008.8
7.5°	1739.6	2041.5	2316.9	2611.0	2928.7	3270.8	3643.6	4050.0	4486.1	4913.0	5359.3
5°	1789.8	2086.9	2365.3	2676.2	3001.7	3362.8	3763.8	4198.1	4665.8	5133.5	5574.9
2.5°	1816.4	2112.8	2395.4	2716.6	3044.5	3418.5	3836.2	4296.5	4790.5	5300.8	5736.0
0°	1815.8	2123.7	2406.9	2743.9	3076.0	3435.3	3867.3	4359.5	4841.4	5371.7	5818.5
-2.5°	1816.4	2112.8	2395.4	2716.6	3044.5	3418.5	3836.2	4296.5	4790.5	5300.8	5736.0
-5°	1789.8	2086.9	2365.3	2676.2	3001.7	3362.8	3763.8	4198.1	4665.8	5133.5	5574.9
-7.5°	1739.6	2041.5	2316.9	2611.0	2928.7	3270.8	3643.6	4050.0	4486.1	4913.0	5359.3
-10°	1671.0	1974.9	2254.7	2531.4	2833.7	3145.0	3487.7	3847.2	4250.1	4633.8	5008.8
-12.5°	1591.1	1895.1	2177.2	2433.9	2719.5	3000.2	3305.8	3632.2	3969.9	4293.9	4641.9
-15°	1491.6	1795.0	2073.3	2329.1	2583.8	2842.5	3105.0	3391.4	3683.8	3961.9	4245.2
-17.5°	1351.4	1675.1	1949.7	2205.6	2437.2	2671.6	2906.6	3149.7	3395.5	3627.9	3850.2
-20°	1183.4	1531.4	1804.9	2057.3	2284.9	2491.9	2697.2	2908.9	3112.6	3312.8	3498.6



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	967.8	1322.4	1636.1	1888.8	2107.9	2306.5	2492.8	2674.4	2851.0	3017.1	3171.5
-25°	729.7	1085.3	1413.5	1686.5	1912.6	2105.9	2281.4	2444.6	2596.2	2732.4	2859.9
-27.5°	531.4	818.6	1144.0	1444.1	1686.3	1892.4	2058.7	2207.9	2343.4	2459.7	2569.4
-30°	350.3	573.5	850.3	1144.5	1410.8	1630.9	1816.3	1966.9	2089.8	2200.3	2293.0
-32.5°	274.0	371.1	575.0	820.6	1088.0	1318.5	1519.2	1677.1	1814.8	1923.4	2007.9
-35°	221.9	275.0	352.2	530.8	725.2	963.8	1169.8	1334.8	1485.7	1606.8	1698.0
-37.5°	204.3	221.4	262.7	311.8	443.3	588.9	767.6	943.1	1095.9	1226.6	1335.7
-40°	190.9	202.3	216.4	238.1	279.1	321.3	447.4	559.8	670.3	796.1	903.8
-42.5°	179.5	188.3	196.2	207.3	219.4	240.4	272.9	302.9	361.1	436.0	498.5
-45°	168.6	175.8	182.8	189.5	195.2	204.3	213.0	220.4	240.1	256.7	269.3
-47.5°	156.9	163.7	170.2	176.1	181.2	185.9	189.9	193.8	199.5	204.1	208.6
-50°	144.7	150.9	156.9	162.2	165.7	169.9	174.5	176.8	178.3	180.0	183.5
-52.5°	132.0	137.1	142.6	146.6	149.3	151.8	154.1	156.6	158.4	159.2	162.3
-55°	118.3	122.6	127.0	130.4	133.0	134.6	136.5	139.4	141.2	141.8	145.0
-57.5°	104.6	107.9	111.2	115.0	117.7	119.3	121.7	124.8	127.1	128.9	131.7
-60°	91.4	94.5	97.6	100.9	103.7	106.1	108.6	111.2	113.5	115.6	117.6
-62.5°	78.5	82.2	84.2	86.6	89.6	92.4	93.5	95.0	96.7	98.9	101.3
-65°	63.5	66.5	69.3	70.7	70.9	72.4	74.9	76.5	77.3	78.0	78.8
-67.5°	52.6	53.9	55.8	57.3	58.8	59.8	61.0	61.8	62.5	63.2	64.0
-70°	44.0	45.4	47.0	48.5	50.0	50.9	51.6	52.1	52.5	52.3	52.1
-72.5°	36.7	38.5	39.8	41.1	42.2	43.0	43.5	43.8	44.1	41.3	37.5
-75°	30.1	31.9	33.0	34.0	35.0	35.5	35.8	36.0	36.1	33.0	28.9
-77.5°	24.3	25.5	26.1	26.8	27.4	27.6	27.8	28.0	28.1	25.5	22.2
-80°	16.8	17.6	18.1	18.5	18.9	18.9	18.6	18.2	17.6	16.1	14.4
-82.5°	9.9	10.1	10.1	10.1	10.1	10.5	10.9	11.3	11.6	10.7	9.7
-85°	4.4	4.3	4.1	3.8	3.5	3.6	3.8	4.0	4.2	3.9	3.6
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	0.9	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0	1.0
85°	3.3	3.0	3.0	3.0	3.0	3.0	3.3	3.6	3.9	4.2	4.0
82.5°	8.5	7.4	7.4	7.4	7.4	7.4	8.5	9.7	10.7	11.6	11.3
80°	12.7	10.9	11.1	11.4	11.1	10.9	12.7	14.4	16.1	17.6	18.2
77.5°	18.6	14.9	14.8	14.8	14.8	14.9	18.6	22.2	25.5	28.1	28.0
75°	24.8	20.5	20.3	20.3	20.3	20.5	24.8	28.9	33.0	36.1	36.0
72.5°	33.5	29.4	27.5	25.7	27.5	29.4	33.5	37.5	41.3	44.1	43.8
70°	52.1	52.2	50.4	47.9	50.4	52.2	52.1	52.1	52.3	52.5	52.1
67.5°	64.7	65.2	66.0	66.7	66.0	65.2	64.7	64.0	63.2	62.5	61.8
65°	79.2	79.2	79.5	79.6	79.5	79.2	79.2	78.8	78.0	77.3	76.5
62.5°	103.4	105.0	106.2	106.8	106.2	105.0	103.4	101.3	98.9	96.7	95.0
60°	119.3	120.7	122.6	124.5	122.6	120.7	119.3	117.6	115.6	113.5	111.2
57.5°	134.3	136.6	138.5	139.9	138.5	136.6	134.3	131.7	128.9	127.1	124.8
55°	148.1	150.7	153.3	155.7	153.3	150.7	148.1	145.0	141.8	141.2	139.4
52.5°	165.4	167.6	171.3	175.9	171.3	167.6	165.4	162.3	159.2	158.4	156.6
50°	187.5	190.9	195.5	201.1	195.5	190.9	187.5	183.5	180.0	178.3	176.8
47.5°	213.1	216.5	220.9	226.8	220.9	216.5	213.1	208.6	204.1	199.5	193.8
45°	280.9	288.8	296.0	303.9	296.0	288.8	280.9	269.3	256.7	240.1	220.4
42.5°	548.7	583.4	598.4	589.6	598.4	583.4	548.7	498.5	436.0	361.1	302.9
40°	985.9	1043.6	1077.5	1089.3	1077.5	1043.6	985.9	903.8	796.1	670.3	559.8
37.5°	1415.4	1468.4	1497.1	1500.5	1497.1	1468.4	1415.4	1335.7	1226.6	1095.9	943.1
35°	1763.8	1807.5	1833.4	1852.8	1833.4	1807.5	1763.8	1698.0	1606.8	1485.7	1334.8
32.5°	2076.7	2126.5	2155.3	2148.9	2155.3	2126.5	2076.7	2007.9	1923.4	1814.8	1677.1
30°	2369.0	2423.5	2457.2	2458.3	2457.2	2423.5	2369.0	2293.0	2200.3	2089.8	1966.9
27.5°	2658.0	2719.1	2754.4	2782.0	2754.4	2719.1	2658.0	2569.4	2459.7	2343.4	2207.9
25°	2966.3	3042.4	3087.7	3115.1	3087.7	3042.4	2966.3	2859.9	2732.4	2596.2	2444.6
22.5°	3298.7	3393.1	3455.1	3480.8	3455.1	3393.1	3298.7	3171.5	3017.1	2851.0	2674.4
20°	3660.2	3777.1	3856.3	3853.9	3856.3	3777.1	3660.2	3498.6	3312.8	3112.6	2908.9
17.5°	4063.6	4214.5	4316.6	4331.4	4316.6	4214.5	4063.6	3850.2	3627.9	3395.5	3149.7
15°	4496.1	4690.7	4822.7	4863.6	4822.7	4690.7	4496.1	4245.2	3961.9	3683.8	3391.4
12.5°	4939.4	5170.8	5346.8	5405.3	5346.8	5170.8	4939.4	4641.9	4293.9	3969.9	3632.2
10°	5361.6	5617.9	5809.1	5893.6	5809.1	5617.9	5361.6	5008.8	4633.8	4250.1	3847.2
7.5°	5714.7	5975.0	6171.9	6241.5	6171.9	5975.0	5714.7	5359.3	4913.0	4486.1	4050.0
5°	5947.3	6231.7	6384.8	6470.9	6384.8	6231.7	5947.3	5574.9	5133.5	4665.8	4198.1
2.5°	6102.7	6343.8	6498.9	6578.1	6498.9	6343.8	6102.7	5736.0	5300.8	4790.5	4296.5
0°	6185.2	6430.8	6544.5	6583.0	6544.5	6430.8	6185.2	5818.5	5371.7	4841.4	4359.5
-2.5°	6102.7	6343.8	6498.9	6578.1	6498.9	6343.8	6102.7	5736.0	5300.8	4790.5	4296.5
-5°	5947.3	6231.7	6384.8	6470.9	6384.8	6231.7	5947.3	5574.9	5133.5	4665.8	4198.1
-7.5°	5714.7	5975.0	6171.9	6241.5	6171.9	5975.0	5714.7	5359.3	4913.0	4486.1	4050.0
-10°	5361.6	5617.9	5809.1	5893.6	5809.1	5617.9	5361.6	5008.8	4633.8	4250.1	3847.2
-12.5°	4939.4	5170.8	5346.8	5405.3	5346.8	5170.8	4939.4	4641.9	4293.9	3969.9	3632.2
-15°	4496.1	4690.7	4822.7	4863.6	4822.7	4690.7	4496.1	4245.2	3961.9	3683.8	3391.4
-17.5°	4063.6	4214.5	4316.6	4331.4	4316.6	4214.5	4063.6	3850.2	3627.9	3395.5	3149.7
-20°	3660.2	3777.1	3856.3	3853.9	3856.3	3777.1	3660.2	3498.6	3312.8	3112.6	2908.9



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3298.7	3393.1	3455.1	3480.8	3455.1	3393.1	3298.7	3171.5	3017.1	2851.0	2674.4
-25°	2966.3	3042.4	3087.7	3115.1	3087.7	3042.4	2966.3	2859.9	2732.4	2596.2	2444.6
-27.5°	2658.0	2719.1	2754.4	2782.0	2754.4	2719.1	2658.0	2569.4	2459.7	2343.4	2207.9
-30°	2369.0	2423.5	2457.2	2458.3	2457.2	2423.5	2369.0	2293.0	2200.3	2089.8	1966.9
-32.5°	2076.7	2126.5	2155.3	2148.9	2155.3	2126.5	2076.7	2007.9	1923.4	1814.8	1677.1
-35°	1763.8	1807.5	1833.4	1852.8	1833.4	1807.5	1763.8	1698.0	1606.8	1485.7	1334.8
-37.5°	1415.4	1468.4	1497.1	1500.5	1497.1	1468.4	1415.4	1335.7	1226.6	1095.9	943.1
-40°	985.9	1043.6	1077.5	1089.3	1077.5	1043.6	985.9	903.8	796.1	670.3	559.8
-42.5°	548.7	583.4	598.4	589.6	598.4	583.4	548.7	498.5	436.0	361.1	302.9
-45°	280.9	288.8	296.0	303.9	296.0	288.8	280.9	269.3	256.7	240.1	220.4
-47.5°	213.1	216.5	220.9	226.8	220.9	216.5	213.1	208.6	204.1	199.5	193.8
-50°	187.5	190.9	195.5	201.1	195.5	190.9	187.5	183.5	180.0	178.3	176.8
-52.5°	165.4	167.6	171.3	175.9	171.3	167.6	165.4	162.3	159.2	158.4	156.6
-55°	148.1	150.7	153.3	155.7	153.3	150.7	148.1	145.0	141.8	141.2	139.4
-57.5°	134.3	136.6	138.5	139.9	138.5	136.6	134.3	131.7	128.9	127.1	124.8
-60°	119.3	120.7	122.6	124.5	122.6	120.7	119.3	117.6	115.6	113.5	111.2
-62.5°	103.4	105.0	106.2	106.8	106.2	105.0	103.4	101.3	98.9	96.7	95.0
-65°	79.2	79.2	79.5	79.6	79.5	79.2	79.2	78.8	78.0	77.3	76.5
-67.5°	64.7	65.2	66.0	66.7	66.0	65.2	64.7	64.0	63.2	62.5	61.8
-70°	52.1	52.2	50.4	47.9	50.4	52.2	52.1	52.1	52.3	52.5	52.1
-72.5°	33.5	29.4	27.5	25.7	27.5	29.4	33.5	37.5	41.3	44.1	43.8
-75°	24.8	20.5	20.3	20.3	20.3	20.5	24.8	28.9	33.0	36.1	36.0
-77.5°	18.6	14.9	14.8	14.8	14.8	14.9	18.6	22.2	25.5	28.1	28.0
-80°	12.7	10.9	11.1	11.4	11.1	10.9	12.7	14.4	16.1	17.6	18.2
-82.5°	8.5	7.4	7.4	7.4	7.4	7.4	8.5	9.7	10.7	11.6	11.3
-85°	3.3	3.0	3.0	3.0	3.0	3.0	3.3	3.6	3.9	4.2	4.0
-87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9	1.0	1.0
-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: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	3.8	3.6	3.5	3.8	4.1	4.3	4.4	3.9	3.5	3.0	2.6
82.5°	10.9	10.5	10.1	10.1	10.1	10.1	9.9	8.7	7.6	6.5	5.6
80°	18.6	18.9	18.9	18.5	18.1	17.6	16.8	14.6	12.6	10.9	9.7
77.5°	27.8	27.6	27.4	26.8	26.1	25.5	24.3	21.0	17.9	15.0	13.5
75°	35.8	35.5	35.0	34.0	33.0	31.9	30.1	26.8	23.5	19.9	18.1
72.5°	43.5	43.0	42.2	41.1	39.8	38.5	36.7	33.9	30.4	26.2	24.2
70°	51.6	50.9	50.0	48.5	47.0	45.4	44.0	42.0	39.2	35.6	33.5
67.5°	61.0	59.8	58.8	57.3	55.8	53.9	52.6	50.9	48.8	45.8	43.5
65°	74.9	72.4	70.9	70.7	69.3	66.5	63.5	61.5	59.4	56.6	53.4
62.5°	93.5	92.4	89.6	86.6	84.2	82.2	78.5	74.4	70.8	67.6	63.8
60°	108.6	106.1	103.7	100.9	97.6	94.5	91.4	87.4	82.4	78.3	74.2
57.5°	121.7	119.3	117.7	115.0	111.2	107.9	104.6	100.5	95.6	89.8	84.6
55°	136.5	134.6	133.0	130.4	127.0	122.6	118.3	113.9	108.4	101.4	95.0
52.5°	154.1	151.8	149.3	146.6	142.6	137.1	132.0	126.9	120.5	112.9	105.1
50°	174.5	169.9	165.7	162.2	156.9	150.9	144.7	138.9	131.4	123.6	115.5
47.5°	189.9	185.9	181.2	176.1	170.2	163.7	156.9	149.5	141.7	133.5	125.0
45°	213.0	204.3	195.2	189.5	182.8	175.8	168.6	160.2	151.6	142.9	133.9
42.5°	272.9	240.4	219.4	207.3	196.2	188.3	179.5	170.5	161.4	152.1	142.6
40°	447.4	321.3	279.1	238.1	216.4	202.3	190.9	180.4	170.7	160.9	150.9
37.5°	767.6	588.9	443.3	311.8	262.7	221.4	204.3	190.7	179.6	169.4	158.9
35°	1169.8	963.8	725.2	530.8	352.2	275.0	221.9	202.9	188.8	177.6	166.5
32.5°	1519.2	1318.5	1088.0	820.6	575.0	371.1	274.0	219.1	198.8	185.8	174.0
30°	1816.3	1630.9	1410.8	1144.5	850.3	573.5	350.3	260.7	213.8	193.5	181.1
27.5°	2058.7	1892.4	1686.3	1444.1	1144.0	818.6	531.4	312.5	236.4	205.2	187.9
25°	2281.4	2105.9	1912.6	1686.5	1413.5	1085.3	729.7	448.7	280.7	217.7	194.2
22.5°	2492.8	2306.5	2107.9	1888.8	1636.1	1322.4	967.8	600.3	325.4	240.2	204.0
20°	2697.2	2491.9	2284.9	2057.3	1804.9	1531.4	1183.4	782.0	453.0	274.5	213.3
17.5°	2906.6	2671.6	2437.2	2205.6	1949.7	1675.1	1351.4	964.7	563.9	305.3	221.3
15°	3105.0	2842.5	2583.8	2329.1	2073.3	1795.0	1491.6	1127.4	674.0	367.7	244.1
12.5°	3305.8	3000.2	2719.5	2433.9	2177.2	1895.1	1591.1	1238.5	803.2	444.1	266.8
10°	3487.7	3145.0	2833.7	2531.4	2254.7	1974.9	1671.0	1327.7	909.4	507.0	285.4
7.5°	3643.6	3270.8	2928.7	2611.0	2316.9	2041.5	1739.6	1399.0	989.5	555.5	299.9
5°	3763.8	3362.8	3001.7	2676.2	2365.3	2086.9	1789.8	1450.8	1043.4	589.6	310.3
2.5°	3836.2	3418.5	3044.5	2716.6	2395.4	2112.8	1816.4	1484.0	1077.8	611.6	318.0
0°	3867.3	3435.3	3076.0	2743.9	2406.9	2123.7	1815.8	1496.5	1090.3	619.8	321.7
-2.5°	3836.2	3418.5	3044.5	2716.6	2395.4	2112.8	1816.4	1484.0	1077.8	611.6	318.0
-5°	3763.8	3362.8	3001.7	2676.2	2365.3	2086.9	1789.8	1450.8	1043.4	589.6	310.3
-7.5°	3643.6	3270.8	2928.7	2611.0	2316.9	2041.5	1739.6	1399.0	989.5	555.5	299.9
-10°	3487.7	3145.0	2833.7	2531.4	2254.7	1974.9	1671.0	1327.7	909.4	507.0	285.4
-12.5°	3305.8	3000.2	2719.5	2433.9	2177.2	1895.1	1591.1	1238.5	803.2	444.1	266.8
-15°	3105.0	2842.5	2583.8	2329.1	2073.3	1795.0	1491.6	1127.4	674.0	367.7	244.1
-17.5°	2906.6	2671.6	2437.2	2205.6	1949.7	1675.1	1351.4	964.7	563.9	305.3	221.3
-20°	2697.2	2491.9	2284.9	2057.3	1804.9	1531.4	1183.4	782.0	453.0	274.5	213.3



REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2492.8	2306.5	2107.9	1888.8	1636.1	1322.4	967.8	600.3	325.4	240.2	204.0
-25°	2281.4	2105.9	1912.6	1686.5	1413.5	1085.3	729.7	448.7	280.7	217.7	194.2
-27.5°	2058.7	1892.4	1686.3	1444.1	1144.0	818.6	531.4	312.5	236.4	205.2	187.9
-30°	1816.3	1630.9	1410.8	1144.5	850.3	573.5	350.3	260.7	213.8	193.5	181.1
-32.5°	1519.2	1318.5	1088.0	820.6	575.0	371.1	274.0	219.1	198.8	185.8	174.0
-35°	1169.8	963.8	725.2	530.8	352.2	275.0	221.9	202.9	188.8	177.6	166.5
-37.5°	767.6	588.9	443.3	311.8	262.7	221.4	204.3	190.7	179.6	169.4	158.9
-40°	447.4	321.3	279.1	238.1	216.4	202.3	190.9	180.4	170.7	160.9	150.9
-42.5°	272.9	240.4	219.4	207.3	196.2	188.3	179.5	170.5	161.4	152.1	142.6
-45°	213.0	204.3	195.2	189.5	182.8	175.8	168.6	160.2	151.6	142.9	133.9
-47.5°	189.9	185.9	181.2	176.1	170.2	163.7	156.9	149.5	141.7	133.5	125.0
-50°	174.5	169.9	165.7	162.2	156.9	150.9	144.7	138.9	131.4	123.6	115.5
-52.5°	154.1	151.8	149.3	146.6	142.6	137.1	132.0	126.9	120.5	112.9	105.1
-55°	136.5	134.6	133.0	130.4	127.0	122.6	118.3	113.9	108.4	101.4	95.0
-57.5°	121.7	119.3	117.7	115.0	111.2	107.9	104.6	100.5	95.6	89.8	84.6
-60°	108.6	106.1	103.7	100.9	97.6	94.5	91.4	87.4	82.4	78.3	74.2
-62.5°	93.5	92.4	89.6	86.6	84.2	82.2	78.5	74.4	70.8	67.6	63.8
-65°	74.9	72.4	70.9	70.7	69.3	66.5	63.5	61.5	59.4	56.6	53.4
-67.5°	61.0	59.8	58.8	57.3	55.8	53.9	52.6	50.9	48.8	45.8	43.5
-70°	51.6	50.9	50.0	48.5	47.0	45.4	44.0	42.0	39.2	35.6	33.5
-72.5°	43.5	43.0	42.2	41.1	39.8	38.5	36.7	33.9	30.4	26.2	24.2
-75°	35.8	35.5	35.0	34.0	33.0	31.9	30.1	26.8	23.5	19.9	18.1
-77.5°	27.8	27.6	27.4	26.8	26.1	25.5	24.3	21.0	17.9	15.0	13.5
-80°	18.6	18.9	18.9	18.5	18.1	17.6	16.8	14.6	12.6	10.9	9.7
-82.5°	10.9	10.5	10.1	10.1	10.1	10.1	9.9	8.7	7.6	6.5	5.6
-85°	3.8	3.6	3.5	3.8	4.1	4.3	4.4	3.9	3.5	3.0	2.6
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558589 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0
85°	2.8	2.9	2.9	2.9	2.7	2.5	2.5	2.5	2.4	2.2	2.0
82.5°	5.9	6.1	6.3	6.3	5.9	5.5	5.0	4.6	4.1	3.4	3.0
80°	10.2	10.5	10.6	10.3	9.4	8.4	7.7	7.1	6.6	5.9	4.9
77.5°	14.5	15.2	15.4	15.1	13.7	12.4	11.1	9.9	9.1	8.3	7.3
75°	19.0	20.0	20.6	20.2	18.5	16.4	14.7	13.3	12.2	10.9	9.6
72.5°	24.6	25.1	25.7	25.6	24.1	21.9	19.2	16.7	15.5	14.0	12.1
70°	32.2	30.8	30.4	30.2	29.3	27.7	24.9	21.6	18.9	17.2	15.0
67.5°	41.5	39.5	37.5	35.4	34.3	32.8	30.6	26.7	23.2	20.3	18.0
65°	50.6	48.0	45.6	42.5	39.9	37.9	35.6	31.5	27.2	23.7	20.9
62.5°	59.9	56.1	52.9	49.3	45.9	43.1	40.7	36.0	31.2	26.9	23.5
60°	69.7	65.1	60.1	55.8	51.7	48.0	44.8	40.4	35.2	29.9	26.0
57.5°	79.7	74.2	68.2	62.5	57.6	53.1	48.7	44.2	39.1	33.3	28.1
55°	89.5	83.6	76.2	69.4	63.5	58.4	52.8	47.8	42.8	36.7	29.7
52.5°	98.2	92.0	84.7	76.5	69.4	63.4	57.3	51.3	46.0	40.1	31.8
50°	107.1	99.5	92.5	84.4	75.3	68.3	61.6	55.1	49.0	43.2	33.8
47.5°	116.4	107.5	99.3	91.7	82.5	73.1	65.9	58.9	52.0	45.9	35.6
45°	124.9	115.7	106.3	97.9	89.1	78.7	70.1	62.5	55.3	47.3	37.1
42.5°	133.0	123.3	113.6	103.9	94.7	84.2	74.2	66.1	58.4	48.3	38.2
40°	140.8	130.6	120.4	110.2	100.2	89.2	78.7	69.7	61.1	49.2	38.8
37.5°	148.2	137.5	126.8	116.3	105.9	94.4	82.8	73.1	62.5	50.3	39.3
35°	155.3	144.0	133.1	122.2	111.3	99.7	86.5	76.4	64.5	51.1	39.6
32.5°	162.1	150.4	139.2	127.9	116.3	105.0	90.7	79.4	66.9	51.8	39.7
30°	168.7	156.6	144.9	133.2	121.1	109.4	95.4	82.3	69.7	52.3	39.7
27.5°	175.0	162.4	150.1	138.2	125.8	113.4	99.9	85.2	72.9	53.3	39.9
25°	180.8	167.7	155.1	142.7	130.1	117.3	104.1	88.0	75.5	55.5	40.0
22.5°	186.2	172.6	159.5	146.8	134.4	121.1	107.7	91.5	77.7	57.7	40.0
20°	191.1	176.9	163.7	151.2	138.3	124.6	110.7	94.7	79.8	60.0	39.8
17.5°	196.0	181.4	168.5	155.4	141.9	127.9	113.6	97.5	81.7	62.3	39.4
15°	203.7	186.3	172.8	159.3	145.2	130.8	116.1	100.0	83.4	64.4	39.3
12.5°	210.6	190.7	176.7	162.9	148.2	133.4	118.5	102.1	84.9	65.9	39.5
10°	216.5	194.5	180.2	166.2	150.9	135.6	120.5	103.9	86.2	66.5	39.4
7.5°	221.3	197.8	183.2	169.1	153.4	137.7	122.4	105.4	87.4	66.6	39.1
5°	225.4	201.4	186.9	172.3	156.4	139.8	124.0	106.5	88.5	66.1	38.6
2.5°	230.1	205.8	191.0	175.1	159.0	141.5	125.2	107.3	89.4	65.2	37.9
0°	233.8	209.6	194.7	177.4	161.1	142.8	126.0	107.7	89.9	63.8	37.1
-2.5°	230.1	205.8	191.0	175.1	159.0	141.5	125.2	107.3	89.4	65.2	37.9
-5°	225.4	201.4	186.9	172.3	156.4	139.8	124.0	106.5	88.5	66.1	38.6
-7.5°	221.3	197.8	183.2	169.1	153.4	137.7	122.4	105.4	87.4	66.6	39.1
-10°	216.5	194.5	180.2	166.2	150.9	135.6	120.5	103.9	86.2	66.5	39.4
-12.5°	210.6	190.7	176.7	162.9	148.2	133.4	118.5	102.1	84.9	65.9	39.5
-15°	203.7	186.3	172.8	159.3	145.2	130.8	116.1	100.0	83.4	64.4	39.3
-17.5°	196.0	181.4	168.5	155.4	141.9	127.9	113.6	97.5	81.7	62.3	39.4
-20°	191.1	176.9	163.7	151.2	138.3	124.6	110.7	94.7	79.8	60.0	39.8



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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°	186.2	172.6	159.5	146.8	134.4	121.1	107.7	91.5	77.7	57.7	40.0
-25°	180.8	167.7	155.1	142.7	130.1	117.3	104.1	88.0	75.5	55.5	40.0
-27.5°	175.0	162.4	150.1	138.2	125.8	113.4	99.9	85.2	72.9	53.3	39.9
-30°	168.7	156.6	144.9	133.2	121.1	109.4	95.4	82.3	69.7	52.3	39.7
-32.5°	162.1	150.4	139.2	127.9	116.3	105.0	90.7	79.4	66.9	51.8	39.7
-35°	155.3	144.0	133.1	122.2	111.3	99.7	86.5	76.4	64.5	51.1	39.6
-37.5°	148.2	137.5	126.8	116.3	105.9	94.4	82.8	73.1	62.5	50.3	39.3
-40°	140.8	130.6	120.4	110.2	100.2	89.2	78.7	69.7	61.1	49.2	38.8
-42.5°	133.0	123.3	113.6	103.9	94.7	84.2	74.2	66.1	58.4	48.3	38.2
-45°	124.9	115.7	106.3	97.9	89.1	78.7	70.1	62.5	55.3	47.3	37.1
-47.5°	116.4	107.5	99.3	91.7	82.5	73.1	65.9	58.9	52.0	45.9	35.6
-50°	107.1	99.5	92.5	84.4	75.3	68.3	61.6	55.1	49.0	43.2	33.8
-52.5°	98.2	92.0	84.7	76.5	69.4	63.4	57.3	51.3	46.0	40.1	31.8
-55°	89.5	83.6	76.2	69.4	63.5	58.4	52.8	47.8	42.8	36.7	29.7
-57.5°	79.7	74.2	68.2	62.5	57.6	53.1	48.7	44.2	39.1	33.3	28.1
-60°	69.7	65.1	60.1	55.8	51.7	48.0	44.8	40.4	35.2	29.9	26.0
-62.5°	59.9	56.1	52.9	49.3	45.9	43.1	40.7	36.0	31.2	26.9	23.5
-65°	50.6	48.0	45.6	42.5	39.9	37.9	35.6	31.5	27.2	23.7	20.9
-67.5°	41.5	39.5	37.5	35.4	34.3	32.8	30.6	26.7	23.2	20.3	18.0
-70°	32.2	30.8	30.4	30.2	29.3	27.7	24.9	21.6	18.9	17.2	15.0
-72.5°	24.6	25.1	25.7	25.6	24.1	21.9	19.2	16.7	15.5	14.0	12.1
-75°	19.0	20.0	20.6	20.2	18.5	16.4	14.7	13.3	12.2	10.9	9.6
-77.5°	14.5	15.2	15.4	15.1	13.7	12.4	11.1	9.9	9.1	8.3	7.3
-80°	10.2	10.5	10.6	10.3	9.4	8.4	7.7	7.1	6.6	5.9	4.9
-82.5°	5.9	6.1	6.3	6.3	5.9	5.5	5.0	4.6	4.1	3.4	3.0
-85°	2.8	2.9	2.9	2.9	2.7	2.5	2.5	2.5	2.4	2.2	2.0
-87.5°	0.8	1.0	1.1	1.1	1.2	1.3	1.3	1.3	1.2	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
85°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
82.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
80°	3.7	2.8	2.1	1.4	0.9	0.4	0.0
77.5°	5.8	3.8	2.6	1.8	1.1	0.5	0.0
75°	7.9	5.4	3.2	2.1	1.3	0.6	0.0
72.5°	9.9	7.0	4.3	2.4	1.5	0.8	0.0
70°	11.9	8.5	5.5	2.9	1.7	0.9	0.0
67.5°	14.2	10.0	6.6	3.6	1.9	1.0	0.0
65°	16.5	11.5	7.6	4.4	2.1	1.1	0.0
62.5°	18.6	13.2	8.7	5.1	2.3	1.2	0.0
60°	20.6	14.8	9.6	5.8	2.5	1.2	0.0
57.5°	22.0	16.3	10.8	6.4	2.9	1.3	0.0
55°	23.2	17.7	11.8	7.1	3.3	1.4	0.0
52.5°	24.2	18.9	12.8	7.7	3.8	1.5	0.0
50°	25.0	19.5	13.7	8.2	4.1	1.6	0.0
47.5°	25.8	20.0	14.6	8.8	4.5	1.7	0.0
45°	27.0	20.3	15.4	9.3	4.9	1.8	0.0
42.5°	28.1	20.6	16.1	9.9	5.2	1.8	0.0
40°	29.0	20.7	16.5	10.4	5.5	1.9	0.0
37.5°	29.7	20.7	16.5	11.0	5.8	2.0	0.0
35°	30.1	21.0	16.5	11.6	6.1	2.0	0.0
32.5°	30.4	21.3	16.4	12.1	6.4	2.1	0.0
30°	30.3	21.5	16.3	12.7	6.6	2.2	0.0
27.5°	30.2	21.6	16.4	13.2	6.9	2.2	0.0
25°	29.8	21.5	16.6	13.7	7.1	2.3	0.0
22.5°	29.3	21.5	16.8	14.2	7.2	2.3	0.0
20°	28.7	22.1	16.9	14.6	7.4	2.3	0.0
17.5°	28.8	22.6	17.0	15.0	7.5	2.4	0.0
15°	29.2	23.0	17.1	15.4	7.7	2.4	0.0
12.5°	29.5	23.4	17.2	15.7	7.7	2.4	0.0
10°	29.8	23.7	17.2	16.0	7.8	2.5	0.0
7.5°	30.0	23.9	17.3	16.3	7.9	2.5	0.0
5°	30.1	24.1	17.3	16.5	7.9	2.5	0.0
2.5°	30.1	24.2	17.3	16.7	7.9	2.5	0.0
0°	30.1	24.2	17.3	16.7	7.9	2.5	0.0
-2.5°	30.1	24.2	17.3	16.7	7.9	2.5	0.0
-5°	30.1	24.1	17.3	16.5	7.9	2.5	0.0
-7.5°	30.0	23.9	17.3	16.3	7.9	2.5	0.0
-10°	29.8	23.7	17.2	16.0	7.8	2.5	0.0
-12.5°	29.5	23.4	17.2	15.7	7.7	2.4	0.0
-15°	29.2	23.0	17.1	15.4	7.7	2.4	0.0
-17.5°	28.8	22.6	17.0	15.0	7.5	2.4	0.0
-20°	28.7	22.1	16.9	14.6	7.4	2.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	29.3	21.5	16.8	14.2	7.2	2.3	0.0
-25°	29.8	21.5	16.6	13.7	7.1	2.3	0.0
-27.5°	30.2	21.6	16.4	13.2	6.9	2.2	0.0
-30°	30.3	21.5	16.3	12.7	6.6	2.2	0.0
-32.5°	30.4	21.3	16.4	12.1	6.4	2.1	0.0
-35°	30.1	21.0	16.5	11.6	6.1	2.0	0.0
-37.5°	29.7	20.7	16.5	11.0	5.8	2.0	0.0
-40°	29.0	20.7	16.5	10.4	5.5	1.9	0.0
-42.5°	28.1	20.6	16.1	9.9	5.2	1.8	0.0
-45°	27.0	20.3	15.4	9.3	4.9	1.8	0.0
-47.5°	25.8	20.0	14.6	8.8	4.5	1.7	0.0
-50°	25.0	19.5	13.7	8.2	4.1	1.6	0.0
-52.5°	24.2	18.9	12.8	7.7	3.8	1.5	0.0
-55°	23.2	17.7	11.8	7.1	3.3	1.4	0.0
-57.5°	22.0	16.3	10.8	6.4	2.9	1.3	0.0
-60°	20.6	14.8	9.6	5.8	2.5	1.2	0.0
-62.5°	18.6	13.2	8.7	5.1	2.3	1.2	0.0
-65°	16.5	11.5	7.6	4.4	2.1	1.1	0.0
-67.5°	14.2	10.0	6.6	3.6	1.9	1.0	0.0
-70°	11.9	8.5	5.5	2.9	1.7	0.9	0.0
-72.5°	9.9	7.0	4.3	2.4	1.5	0.8	0.0
-75°	7.9	5.4	3.2	2.1	1.3	0.6	0.0
-77.5°	5.8	3.8	2.6	1.8	1.1	0.5	0.0
-80°	3.7	2.8	2.1	1.4	0.9	0.4	0.0
-82.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-85°	1.8	1.4	1.0	0.7	0.4	0.2	0.0
-87.5°	0.9	0.7	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)