

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: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1D-930-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (16) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

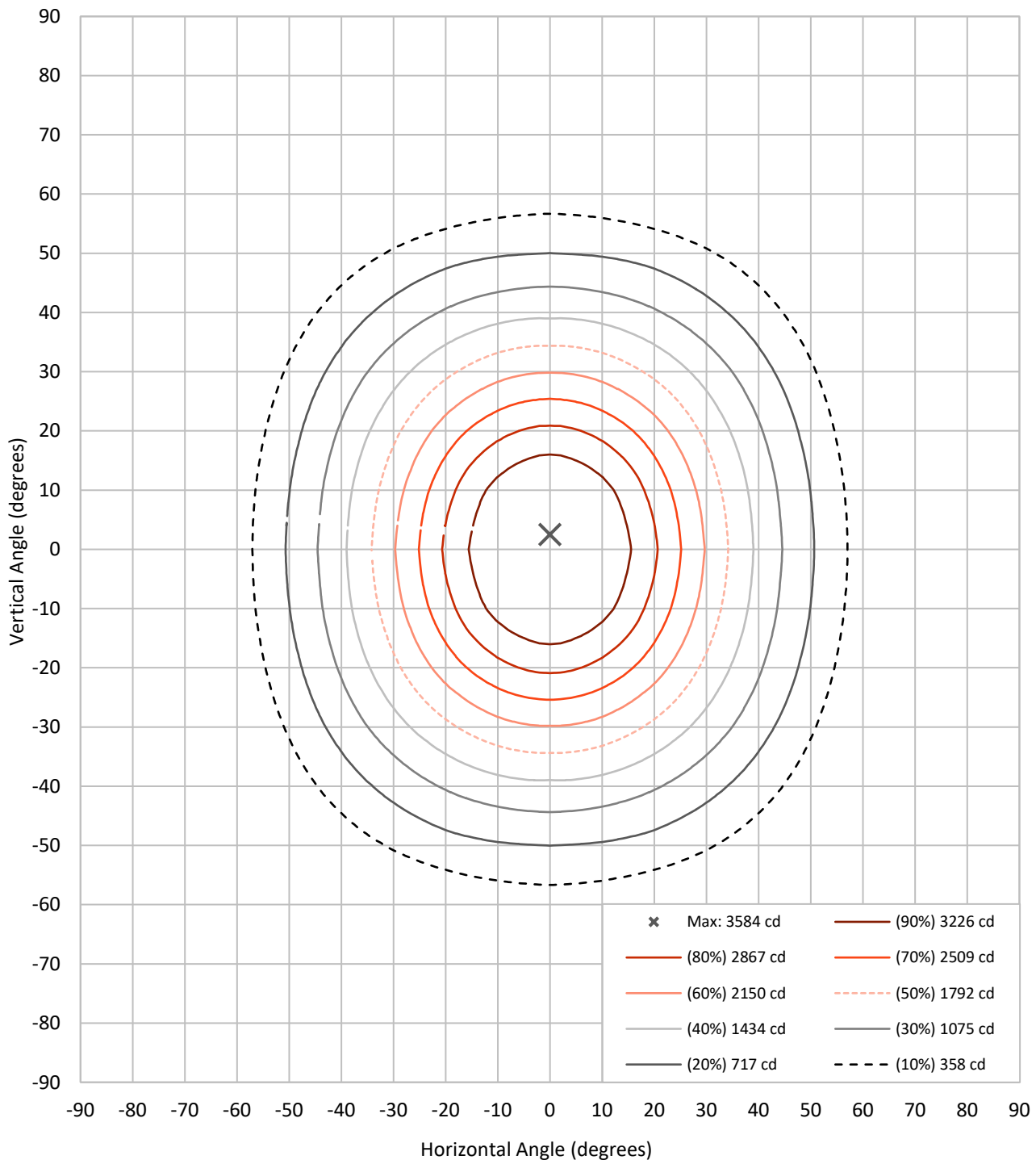
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	4850.6 lumens	Max Intensity:	3584 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	88.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	2908.3 lumens	Field Lumens:	4633.6 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%
Input Watts (W):	55		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





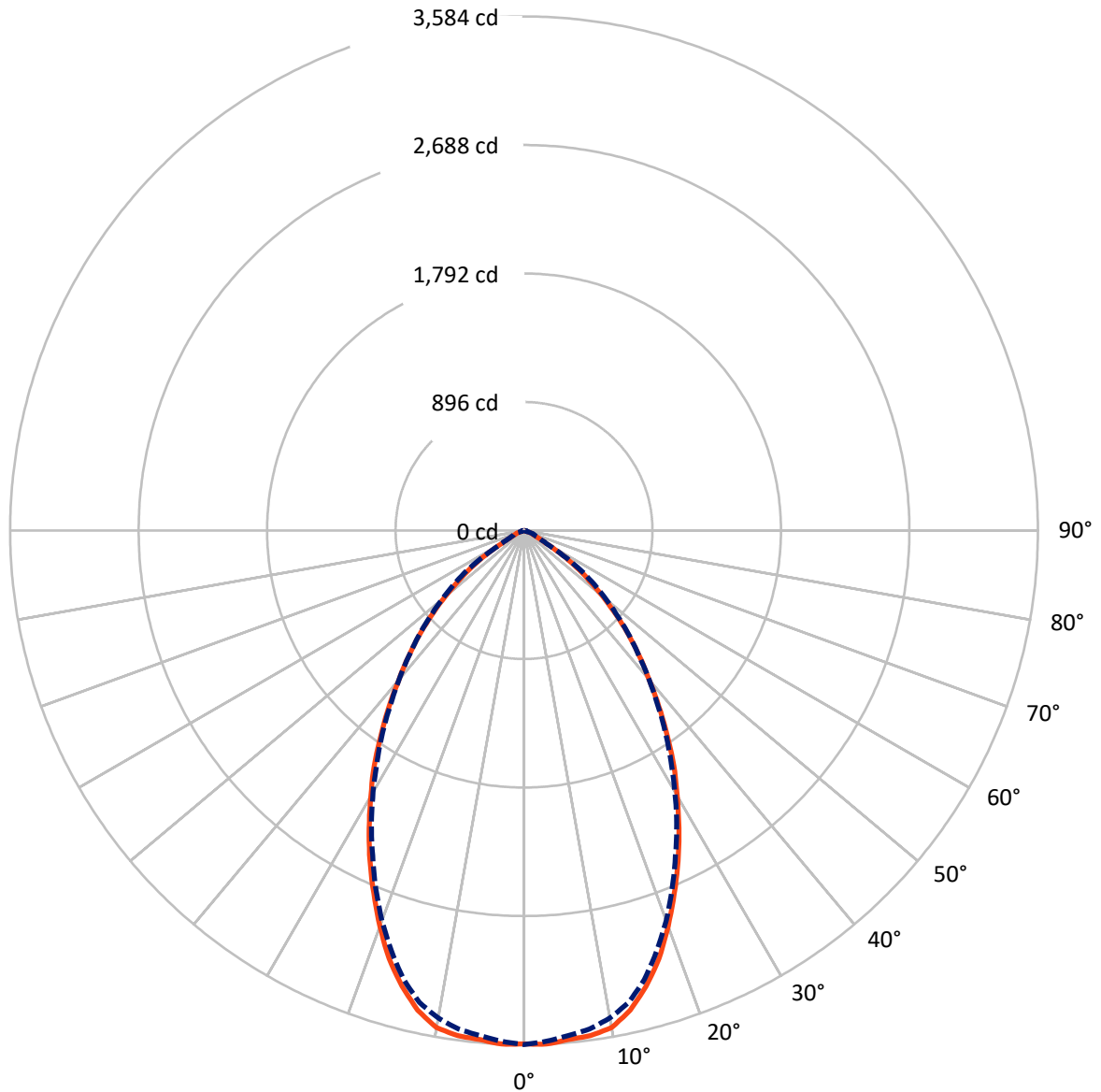
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### Lumen Table

90																			
80	0.0	0.5		1.2		2.0		1.4		2.0		1.2		0.5		0.0			
70																			
60	0.2	0.3	0.6	1.0	1.5	2.0	2.4	2.7	2.7	2.4	2.0	1.5	1.0	0.6	0.3	0.2			
50		0.5	1.1	2.0	3.8	7.3	10.9	13.1	13.1	10.9	7.3	3.8	2.0	1.1	0.5				
40	0.4	0.7	1.6	4.6	12.2	20.3	27.0	30.8	30.8	27.0	20.3	12.2	4.6	1.6	0.7	0.4			
30		0.9	2.7	10.7	22.0	34.3	45.4	52.1	52.1	45.4	34.3	22.0	10.7	2.7	0.9				
20	0.4	1.0	5.0	16.2	31.1	48.7	65.1	75.5	75.5	65.1	48.7	31.1	16.2	5.0	1.0	0.4			
10		1.2	7.1	20.2	38.4	60.9	82.9	96.9	96.9	82.9	60.9	38.4	20.2	7.1	1.2				
0	0.4	1.3	8.3	22.3	42.5	68.1	93.2	106.5	106.5	93.2	68.1	42.5	22.3	8.3	1.3	0.4			
-10		1.3	8.3	22.3	42.5	68.1	93.2	106.5	106.5	93.2	68.1	42.5	22.3	8.3	1.3				
-20	0.4	1.2	7.1	20.2	38.4	60.9	82.9	96.9	96.9	82.9	60.9	38.4	20.2	7.1	1.2	0.4			
-30		1.0	5.0	16.2	31.1	48.7	65.1	75.5	75.5	65.1	48.7	31.1	16.2	5.0	1.0				
-40	0.4	0.9	2.7	10.7	22.0	34.3	45.4	52.1	52.1	45.4	34.3	22.0	10.7	2.7	0.9	0.4			
-50		0.7	1.6	4.6	12.2	20.3	27.0	30.8	30.8	27.0	20.3	12.2	4.6	1.6	0.7				
-60	0.2	0.5	1.1	2.0	3.8	7.3	10.9	13.1	13.1	10.9	7.3	3.8	2.0	1.1	0.5	0.2			
-70		0.3	0.6	1.0	1.5	2.0	2.4	2.7	2.7	2.4	2.0	1.5	1.0	0.6	0.3				
-80	0.0	0.5		1.2		2.0		1.4		2.0		1.2		0.5		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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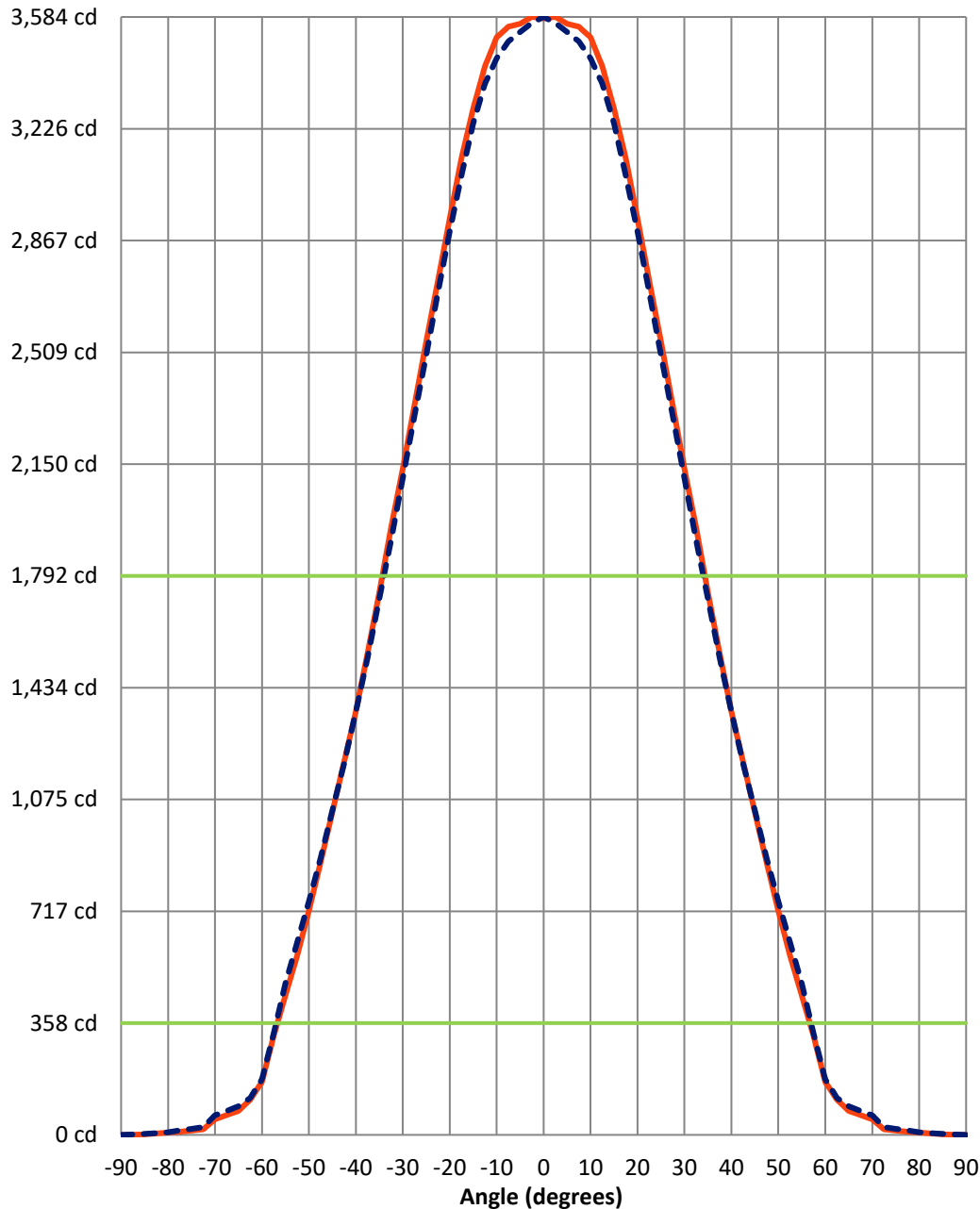
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 2908.3  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 4633.6  
Efficiency: 95.5%

**Spill:**  
Lumens: 217  
Efficiency: 4.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	2.0	2.6
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	2.2	3.0	3.7	4.5
77.5°	0.0	0.3	0.6	0.9	1.2	1.7	2.5	3.5	4.4	5.4	6.7
75°	0.0	0.4	0.7	1.1	1.5	2.4	3.5	4.7	6.0	8.0	10.0
72.5°	0.0	0.4	0.8	1.3	2.0	3.1	4.5	6.2	8.5	10.9	13.1
70°	0.0	0.5	1.0	1.5	2.4	3.7	5.5	8.4	11.1	13.7	17.5
67.5°	0.0	0.5	1.1	1.7	2.9	4.4	7.2	10.6	13.6	17.6	22.0
65°	0.0	0.6	1.2	2.0	3.3	5.2	8.8	12.8	16.7	21.2	26.3
62.5°	0.0	0.6	1.3	2.2	3.7	6.3	10.3	15.1	19.6	24.8	30.3
60°	0.0	0.7	1.4	2.5	4.0	7.3	11.7	17.4	22.4	28.7	34.4
57.5°	0.0	0.8	1.5	2.7	4.6	8.1	13.0	19.5	25.9	32.6	37.9
55°	0.0	0.8	1.7	2.9	5.1	8.9	14.2	21.1	29.5	36.3	41.0
52.5°	0.0	0.9	1.8	3.1	5.6	9.6	15.3	23.5	33.0	39.2	44.1
50°	0.0	0.9	1.9	3.2	6.0	10.2	16.1	25.8	36.3	42.0	47.4
47.5°	0.0	0.9	2.0	3.4	6.3	10.7	16.9	27.7	38.8	44.9	50.5
45°	0.0	1.0	2.1	3.6	6.5	11.1	18.3	29.4	39.9	47.4	53.3
42.5°	0.0	1.0	2.3	3.7	6.7	11.3	19.5	30.3	40.7	49.7	56.5
40°	0.0	1.1	2.4	3.9	6.8	11.5	20.4	30.7	41.1	51.7	59.6
37.5°	0.0	1.1	2.5	4.1	6.9	11.5	21.1	30.8	41.5	52.6	62.7
35°	0.0	1.1	2.5	4.2	6.9	11.7	21.5	30.6	41.9	54.5	65.7
32.5°	0.0	1.2	2.6	4.4	6.8	12.0	21.6	30.2	42.3	57.0	68.7
30°	0.0	1.2	2.7	4.6	6.6	12.2	21.2	29.8	42.7	59.9	71.6
27.5°	0.0	1.2	2.8	4.7	6.8	12.2	20.6	29.8	43.8	63.3	74.3
25°	0.0	1.3	2.9	4.9	7.0	12.0	19.9	29.9	46.1	65.9	76.8
22.5°	0.0	1.3	2.9	5.0	7.2	12.0	19.0	29.8	48.5	68.0	80.0
20°	0.0	1.3	3.0	5.1	7.4	12.6	17.9	29.6	50.9	69.8	82.9
17.5°	0.0	1.3	3.0	5.2	7.5	13.1	17.7	29.4	53.4	71.4	85.4
15°	0.0	1.4	3.1	5.3	7.7	13.5	18.1	29.2	55.8	72.9	87.6
12.5°	0.0	1.4	3.1	5.3	7.8	13.9	18.4	29.0	58.0	74.1	89.3
10°	0.0	1.4	3.1	5.4	8.0	14.2	18.7	28.4	59.8	75.1	90.7
7.5°	0.0	1.4	3.2	5.4	8.1	14.4	19.0	27.5	61.2	75.8	91.5
5°	0.0	1.4	3.2	5.5	8.2	14.6	19.2	26.4	62.2	76.4	91.9
2.5°	0.0	1.4	3.2	5.5	8.2	14.7	19.3	25.0	62.7	76.8	92.0
0°	0.0	1.4	3.2	5.5	8.3	14.7	19.4	23.5	62.7	76.9	91.7
-2.5°	0.0	1.4	3.2	5.5	8.2	14.7	19.3	25.0	62.7	76.8	92.0
-5°	0.0	1.4	3.2	5.5	8.2	14.6	19.2	26.4	62.2	76.4	91.9
-7.5°	0.0	1.4	3.2	5.4	8.1	14.4	19.0	27.5	61.2	75.8	91.5
-10°	0.0	1.4	3.1	5.4	8.0	14.2	18.7	28.4	59.8	75.1	90.7
-12.5°	0.0	1.4	3.1	5.3	7.8	13.9	18.4	29.0	58.0	74.1	89.3
-15°	0.0	1.4	3.1	5.3	7.7	13.5	18.1	29.2	55.8	72.9	87.6
-17.5°	0.0	1.3	3.0	5.2	7.5	13.1	17.7	29.4	53.4	71.4	85.4
-20°	0.0	1.3	3.0	5.1	7.4	12.6	17.9	29.6	50.9	69.8	82.9



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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	1.3	2.9	5.0	7.2	12.0	19.0	29.8	48.5	68.0	80.0
-25°	0.0	1.3	2.9	4.9	7.0	12.0	19.9	29.9	46.1	65.9	76.8
-27.5°	0.0	1.2	2.8	4.7	6.8	12.2	20.6	29.8	43.8	63.3	74.3
-30°	0.0	1.2	2.7	4.6	6.6	12.2	21.2	29.8	42.7	59.9	71.6
-32.5°	0.0	1.2	2.6	4.4	6.8	12.0	21.6	30.2	42.3	57.0	68.7
-35°	0.0	1.1	2.5	4.2	6.9	11.7	21.5	30.6	41.9	54.5	65.7
-37.5°	0.0	1.1	2.5	4.1	6.9	11.5	21.1	30.8	41.5	52.6	62.7
-40°	0.0	1.1	2.4	3.9	6.8	11.5	20.4	30.7	41.1	51.7	59.6
-42.5°	0.0	1.0	2.3	3.7	6.7	11.3	19.5	30.3	40.7	49.7	56.5
-45°	0.0	1.0	2.1	3.6	6.5	11.1	18.3	29.4	39.9	47.4	53.3
-47.5°	0.0	0.9	2.0	3.4	6.3	10.7	16.9	27.7	38.8	44.9	50.5
-50°	0.0	0.9	1.9	3.2	6.0	10.2	16.1	25.8	36.3	42.0	47.4
-52.5°	0.0	0.9	1.8	3.1	5.6	9.6	15.3	23.5	33.0	39.2	44.1
-55°	0.0	0.8	1.7	2.9	5.1	8.9	14.2	21.1	29.5	36.3	41.0
-57.5°	0.0	0.8	1.5	2.7	4.6	8.1	13.0	19.5	25.9	32.6	37.9
-60°	0.0	0.7	1.4	2.5	4.0	7.3	11.7	17.4	22.4	28.7	34.4
-62.5°	0.0	0.6	1.3	2.2	3.7	6.3	10.3	15.1	19.6	24.8	30.3
-65°	0.0	0.6	1.2	2.0	3.3	5.2	8.8	12.8	16.7	21.2	26.3
-67.5°	0.0	0.5	1.1	1.7	2.9	4.4	7.2	10.6	13.6	17.6	22.0
-70°	0.0	0.5	1.0	1.5	2.4	3.7	5.5	8.4	11.1	13.7	17.5
-72.5°	0.0	0.4	0.8	1.3	2.0	3.1	4.5	6.2	8.5	10.9	13.1
-75°	0.0	0.4	0.7	1.1	1.5	2.4	3.5	4.7	6.0	8.0	10.0
-77.5°	0.0	0.3	0.6	0.9	1.2	1.7	2.5	3.5	4.4	5.4	6.7
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	2.2	3.0	3.7	4.5
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.5	2.0	2.6
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
85°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.9	2.2	2.5
82.5°	2.9	3.1	3.2	3.2	3.3	3.3	3.3	3.3	4.0	5.0	6.0
80°	4.9	5.1	5.9	6.7	7.1	7.2	6.8	6.1	7.2	9.0	11.1
77.5°	8.0	9.2	10.4	11.7	11.9	11.3	10.3	9.0	10.6	13.7	17.3
75°	11.6	13.2	15.0	16.4	16.4	15.4	14.1	13.8	16.5	20.4	23.6
72.5°	15.9	18.2	20.0	21.1	21.0	20.9	21.4	22.5	24.7	27.5	30.0
70°	21.0	23.4	24.7	25.3	25.5	26.8	28.7	30.1	31.7	34.5	37.1
67.5°	26.2	27.9	29.1	29.9	32.0	34.5	36.4	38.1	40.1	42.9	45.2
65°	30.7	32.5	34.1	36.6	39.7	42.0	44.3	46.6	50.0	53.1	55.1
62.5°	35.1	37.1	39.6	42.8	46.2	49.1	52.9	57.0	61.4	64.7	68.4
60°	38.6	41.4	44.9	48.7	52.7	57.6	62.4	67.2	71.7	76.1	81.6
57.5°	41.9	45.9	50.2	54.8	60.1	66.2	71.9	77.2	82.9	88.9	95.1
55°	45.5	50.8	55.5	61.0	67.5	75.1	81.6	87.9	94.6	104.8	113.7
52.5°	49.5	55.3	60.7	67.3	75.4	83.6	90.9	99.7	111.0	126.1	150.7
50°	53.2	59.4	65.7	74.3	83.1	91.7	102.3	114.5	137.1	165.4	215.0
47.5°	56.8	63.4	71.9	81.1	90.7	102.0	115.5	142.2	173.0	243.5	313.8
45°	60.5	68.4	77.7	88.1	99.6	113.8	141.8	174.7	258.5	339.6	424.1
42.5°	64.1	73.3	83.9	95.1	110.0	135.8	171.8	258.8	349.5	442.7	523.8
40°	68.2	77.9	90.2	104.3	124.0	163.2	244.0	342.0	444.3	532.3	611.1
37.5°	72.0	83.5	96.8	113.3	148.8	214.1	318.3	427.0	526.0	611.9	696.2
35°	75.5	88.9	104.8	129.5	173.0	280.7	393.6	504.1	598.7	690.5	782.7
32.5°	79.6	94.1	112.5	151.1	228.6	345.0	465.1	570.4	669.4	767.4	872.7
30°	84.2	100.6	123.2	171.6	283.7	407.4	526.4	634.0	736.7	845.4	958.2
27.5°	88.4	106.9	140.9	211.4	335.5	465.7	582.2	692.9	803.1	919.0	1040.4
25°	92.3	112.9	157.5	255.0	385.5	515.4	633.5	746.1	865.2	991.1	1118.9
22.5°	96.5	118.7	172.5	294.8	431.2	559.7	678.8	798.3	924.3	1057.7	1191.0
20°	101.1	131.1	197.2	331.5	472.8	599.9	719.5	846.7	979.6	1117.7	1258.5
17.5°	105.2	142.1	226.6	366.3	507.7	634.9	756.1	890.5	1027.7	1172.1	1320.4
15°	109.0	151.6	252.6	397.1	537.3	664.6	791.8	929.5	1070.4	1220.8	1374.8
12.5°	112.2	159.6	274.9	423.7	562.3	690.0	821.8	962.3	1108.5	1263.4	1423.9
10°	115.0	166.2	293.5	445.9	582.7	710.9	845.9	989.7	1138.8	1297.7	1463.5
7.5°	116.8	171.6	308.2	463.7	598.3	727.4	864.1	1011.2	1160.9	1324.5	1493.4
5°	117.9	176.0	318.8	476.8	609.8	739.7	877.2	1026.7	1175.2	1343.3	1513.6
2.5°	118.5	179.0	325.3	485.2	617.0	748.4	888.0	1040.2	1190.1	1356.7	1529.1
0°	118.4	180.6	327.6	488.8	619.7	752.4	893.3	1047.2	1199.7	1362.4	1539.7
-2.5°	118.5	179.0	325.3	485.2	617.0	748.4	888.0	1040.2	1190.1	1356.7	1529.1
-5°	117.9	176.0	318.8	476.8	609.8	739.7	877.2	1026.7	1175.2	1343.3	1513.6
-7.5°	116.8	171.6	308.2	463.7	598.3	727.4	864.1	1011.2	1160.9	1324.5	1493.4
-10°	115.0	166.2	293.5	445.9	582.7	710.9	845.9	989.7	1138.8	1297.7	1463.5
-12.5°	112.2	159.6	274.9	423.7	562.3	690.0	821.8	962.3	1108.5	1263.4	1423.9
-15°	109.0	151.6	252.6	397.1	537.3	664.6	791.8	929.5	1070.4	1220.8	1374.8
-17.5°	105.2	142.1	226.6	366.3	507.7	634.9	756.1	890.5	1027.7	1172.1	1320.4
-20°	101.1	131.1	197.2	331.5	472.8	599.9	719.5	846.7	979.6	1117.7	1258.5



REPORT NUMBER: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	96.5	118.7	172.5	294.8	431.2	559.7	678.8	798.3	924.3	1057.7	1191.0
-25°	92.3	112.9	157.5	255.0	385.5	515.4	633.5	746.1	865.2	991.1	1118.9
-27.5°	88.4	106.9	140.9	211.4	335.5	465.7	582.2	692.9	803.1	919.0	1040.4
-30°	84.2	100.6	123.2	171.6	283.7	407.4	526.4	634.0	736.7	845.4	958.2
-32.5°	79.6	94.1	112.5	151.1	228.6	345.0	465.1	570.4	669.4	767.4	872.7
-35°	75.5	88.9	104.8	129.5	173.0	280.7	393.6	504.1	598.7	690.5	782.7
-37.5°	72.0	83.5	96.8	113.3	148.8	214.1	318.3	427.0	526.0	611.9	696.2
-40°	68.2	77.9	90.2	104.3	124.0	163.2	244.0	342.0	444.3	532.3	611.1
-42.5°	64.1	73.3	83.9	95.1	110.0	135.8	171.8	258.8	349.5	442.7	523.8
-45°	60.5	68.4	77.7	88.1	99.6	113.8	141.8	174.7	258.5	339.6	424.1
-47.5°	56.8	63.4	71.9	81.1	90.7	102.0	115.5	142.2	173.0	243.5	313.8
-50°	53.2	59.4	65.7	74.3	83.1	91.7	102.3	114.5	137.1	165.4	215.0
-52.5°	49.5	55.3	60.7	67.3	75.4	83.6	90.9	99.7	111.0	126.1	150.7
-55°	45.5	50.8	55.5	61.0	67.5	75.1	81.6	87.9	94.6	104.8	113.7
-57.5°	41.9	45.9	50.2	54.8	60.1	66.2	71.9	77.2	82.9	88.9	95.1
-60°	38.6	41.4	44.9	48.7	52.7	57.6	62.4	67.2	71.7	76.1	81.6
-62.5°	35.1	37.1	39.6	42.8	46.2	49.1	52.9	57.0	61.4	64.7	68.4
-65°	30.7	32.5	34.1	36.6	39.7	42.0	44.3	46.6	50.0	53.1	55.1
-67.5°	26.2	27.9	29.1	29.9	32.0	34.5	36.4	38.1	40.1	42.9	45.2
-70°	21.0	23.4	24.7	25.3	25.5	26.8	28.7	30.1	31.7	34.5	37.1
-72.5°	15.9	18.2	20.0	21.1	21.0	20.9	21.4	22.5	24.7	27.5	30.0
-75°	11.6	13.2	15.0	16.4	16.4	15.4	14.1	13.8	16.5	20.4	23.6
-77.5°	8.0	9.2	10.4	11.7	11.9	11.3	10.3	9.0	10.6	13.7	17.3
-80°	4.9	5.1	5.9	6.7	7.1	7.2	6.8	6.1	7.2	9.0	11.1
-82.5°	2.9	3.1	3.2	3.2	3.3	3.3	3.3	3.3	4.0	5.0	6.0
-85°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.7	1.9	2.2	2.5
-87.5°	0.6	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-WR-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°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.8	2.8	2.7	2.5	2.4	2.4	2.5	2.6	2.6	2.5	2.2
82.5°	7.2	7.8	8.3	8.8	9.4	9.3	9.1	8.7	8.2	7.3	6.3
80°	13.6	14.8	15.7	16.3	16.9	16.4	15.6	14.7	13.7	12.1	10.5
77.5°	21.0	22.3	23.0	23.7	24.6	24.8	24.8	24.9	25.1	22.2	18.6
75°	26.1	27.8	29.2	30.4	31.5	32.0	32.4	32.7	33.1	29.3	24.4
72.5°	32.1	33.8	35.1	36.4	37.5	38.4	39.1	39.7	40.2	37.1	32.9
70°	39.1	40.7	42.2	43.6	44.9	46.2	47.3	48.3	49.2	49.4	49.6
67.5°	47.0	48.0	49.8	51.5	53.6	55.1	56.8	58.4	59.8	61.0	62.1
65°	56.8	60.3	63.8	65.5	65.7	67.9	71.3	73.2	73.8	74.2	75.3
62.5°	73.2	77.7	80.0	83.1	87.3	91.9	93.7	96.3	99.4	102.9	106.1
60°	86.2	90.0	95.7	101.5	106.7	111.3	122.7	132.8	141.5	148.9	156.0
57.5°	102.4	108.7	117.4	133.1	147.5	160.5	182.7	209.8	233.9	255.1	273.7
55°	128.2	146.6	163.1	200.2	239.8	274.0	306.1	340.5	368.4	390.3	410.5
52.5°	172.2	222.7	273.9	322.0	369.3	412.4	451.1	481.5	505.3	523.1	540.0
50°	275.7	336.5	398.9	456.3	502.8	545.3	585.5	615.7	641.0	662.7	682.0
47.5°	388.5	459.7	518.6	571.6	621.7	668.8	712.9	749.6	780.7	809.4	833.3
45°	500.7	564.4	624.9	681.7	736.2	789.0	836.4	878.2	919.3	953.4	980.2
42.5°	595.6	663.1	727.4	792.4	853.4	912.6	969.8	1020.7	1064.4	1101.5	1131.5
40°	686.8	759.5	835.9	908.0	980.4	1048.0	1111.4	1169.4	1219.2	1263.2	1300.5
37.5°	779.5	864.4	948.3	1030.5	1110.3	1183.9	1256.6	1323.5	1381.9	1433.4	1476.6
35°	877.4	971.0	1062.2	1154.9	1242.0	1327.1	1407.5	1481.2	1545.8	1606.5	1658.6
32.5°	975.4	1076.8	1179.5	1279.9	1376.4	1471.7	1559.8	1642.9	1719.3	1786.5	1842.1
30°	1070.9	1182.5	1292.5	1401.8	1511.9	1615.7	1713.4	1804.6	1887.5	1960.6	2023.9
27.5°	1162.5	1282.5	1400.4	1525.4	1645.1	1758.0	1864.1	1962.2	2054.7	2137.9	2209.7
25°	1247.2	1374.7	1512.2	1643.2	1771.3	1896.6	2012.8	2119.3	2225.1	2316.7	2394.6
22.5°	1327.3	1469.6	1614.3	1751.7	1893.0	2030.8	2161.0	2284.4	2397.4	2493.3	2576.4
20°	1403.5	1556.6	1705.7	1857.9	2010.9	2159.5	2302.8	2434.7	2554.1	2658.6	2752.3
17.5°	1475.4	1633.8	1792.3	1954.8	2120.0	2276.2	2428.1	2571.6	2701.9	2817.9	2923.5
15°	1537.6	1701.3	1871.0	2043.7	2216.5	2382.6	2543.8	2700.1	2846.8	2973.0	3079.5
12.5°	1590.5	1761.0	1940.5	2121.6	2303.8	2478.0	2648.8	2816.1	2972.0	3107.7	3217.1
10°	1634.4	1813.0	2000.4	2189.2	2376.0	2557.0	2734.6	2907.8	3075.2	3215.8	3328.2
7.5°	1670.9	1856.4	2048.2	2242.6	2431.2	2619.1	2804.4	2979.3	3144.2	3292.5	3408.0
5°	1698.2	1886.8	2082.7	2281.9	2473.4	2668.0	2858.8	3037.7	3201.0	3335.4	3429.7
2.5°	1718.5	1905.8	2105.0	2305.7	2499.5	2701.3	2896.1	3075.2	3242.4	3369.6	3451.2
0°	1732.3	1916.2	2125.3	2322.1	2519.2	2726.1	2918.7	3099.8	3267.5	3391.9	3476.2
-2.5°	1718.5	1905.8	2105.0	2305.7	2499.5	2701.3	2896.1	3075.2	3242.4	3369.6	3451.2
-5°	1698.2	1886.8	2082.7	2281.9	2473.4	2668.0	2858.8	3037.7	3201.0	3335.4	3429.7
-7.5°	1670.9	1856.4	2048.2	2242.6	2431.2	2619.1	2804.4	2979.3	3144.2	3292.5	3408.0
-10°	1634.4	1813.0	2000.4	2189.2	2376.0	2557.0	2734.6	2907.8	3075.2	3215.8	3328.2
-12.5°	1590.5	1761.0	1940.5	2121.6	2303.8	2478.0	2648.8	2816.1	2972.0	3107.7	3217.1
-15°	1537.6	1701.3	1871.0	2043.7	2216.5	2382.6	2543.8	2700.1	2846.8	2973.0	3079.5
-17.5°	1475.4	1633.8	1792.3	1954.8	2120.0	2276.2	2428.1	2571.6	2701.9	2817.9	2923.5
-20°	1403.5	1556.6	1705.7	1857.9	2010.9	2159.5	2302.8	2434.7	2554.1	2658.6	2752.3



REPORT NUMBER: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1327.3	1469.6	1614.3	1751.7	1893.0	2030.8	2161.0	2284.4	2397.4	2493.3	2576.4
-25°	1247.2	1374.7	1512.2	1643.2	1771.3	1896.6	2012.8	2119.3	2225.1	2316.7	2394.6
-27.5°	1162.5	1282.5	1400.4	1525.4	1645.1	1758.0	1864.1	1962.2	2054.7	2137.9	2209.7
-30°	1070.9	1182.5	1292.5	1401.8	1511.9	1615.7	1713.4	1804.6	1887.5	1960.6	2023.9
-32.5°	975.4	1076.8	1179.5	1279.9	1376.4	1471.7	1559.8	1642.9	1719.3	1786.5	1842.1
-35°	877.4	971.0	1062.2	1154.9	1242.0	1327.1	1407.5	1481.2	1545.8	1606.5	1658.6
-37.5°	779.5	864.4	948.3	1030.5	1110.3	1183.9	1256.6	1323.5	1381.9	1433.4	1476.6
-40°	686.8	759.5	835.9	908.0	980.4	1048.0	1111.4	1169.4	1219.2	1263.2	1300.5
-42.5°	595.6	663.1	727.4	792.4	853.4	912.6	969.8	1020.7	1064.4	1101.5	1131.5
-45°	500.7	564.4	624.9	681.7	736.2	789.0	836.4	878.2	919.3	953.4	980.2
-47.5°	388.5	459.7	518.6	571.6	621.7	668.8	712.9	749.6	780.7	809.4	833.3
-50°	275.7	336.5	398.9	456.3	502.8	545.3	585.5	615.7	641.0	662.7	682.0
-52.5°	172.2	222.7	273.9	322.0	369.3	412.4	451.1	481.5	505.3	523.1	540.0
-55°	128.2	146.6	163.1	200.2	239.8	274.0	306.1	340.5	368.4	390.3	410.5
-57.5°	102.4	108.7	117.4	133.1	147.5	160.5	182.7	209.8	233.9	255.1	273.7
-60°	86.2	90.0	95.7	101.5	106.7	111.3	122.7	132.8	141.5	148.9	156.0
-62.5°	73.2	77.7	80.0	83.1	87.3	91.9	93.7	96.3	99.4	102.9	106.1
-65°	56.8	60.3	63.8	65.5	65.7	67.9	71.3	73.2	73.8	74.2	75.3
-67.5°	47.0	48.0	49.8	51.5	53.6	55.1	56.8	58.4	59.8	61.0	62.1
-70°	39.1	40.7	42.2	43.6	44.9	46.2	47.3	48.3	49.2	49.4	49.6
-72.5°	32.1	33.8	35.1	36.4	37.5	38.4	39.1	39.7	40.2	37.1	32.9
-75°	26.1	27.8	29.2	30.4	31.5	32.0	32.4	32.7	33.1	29.3	24.4
-77.5°	21.0	22.3	23.0	23.7	24.6	24.8	24.8	24.9	25.1	22.2	18.6
-80°	13.6	14.8	15.7	16.3	16.9	16.4	15.6	14.7	13.7	12.1	10.5
-82.5°	7.2	7.8	8.3	8.8	9.4	9.3	9.1	8.7	8.2	7.3	6.3
-85°	2.8	2.8	2.7	2.5	2.4	2.4	2.5	2.6	2.6	2.5	2.2
-87.5°	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85°	2.0	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.5	2.6	2.6
82.5°	5.2	4.1	4.3	4.6	4.3	4.1	5.2	6.3	7.3	8.2	8.7
80°	8.7	6.9	7.1	7.4	7.1	6.9	8.7	10.5	12.1	13.7	14.7
77.5°	14.8	10.7	10.3	10.1	10.3	10.7	14.8	18.6	22.2	25.1	24.9
75°	19.3	14.1	13.8	13.8	13.8	14.1	19.3	24.4	29.3	33.1	32.7
72.5°	28.5	24.2	21.1	18.0	21.1	24.2	28.5	32.9	37.1	40.2	39.7
70°	50.1	50.8	50.5	49.8	50.5	50.8	50.1	49.6	49.4	49.2	48.3
67.5°	62.9	63.5	63.7	63.6	63.7	63.5	62.9	62.1	61.0	59.8	58.4
65°	76.0	76.4	76.8	76.9	76.8	76.4	76.0	75.3	74.2	73.8	73.2
62.5°	108.4	110.0	111.7	112.9	111.7	110.0	108.4	106.1	102.9	99.4	96.3
60°	162.3	167.5	169.8	170.0	169.8	167.5	162.3	156.0	148.9	141.5	132.8
57.5°	288.5	299.7	309.6	317.0	309.6	299.7	288.5	273.7	255.1	233.9	209.8
55°	426.6	438.5	445.1	446.9	445.1	438.5	426.6	410.5	390.3	368.4	340.5
52.5°	552.8	560.6	568.1	574.5	568.1	560.6	552.8	540.0	523.1	505.3	481.5
50°	696.5	705.3	712.6	718.3	712.6	705.3	696.5	682.0	662.7	641.0	615.7
47.5°	850.1	860.8	868.7	874.0	868.7	860.8	850.1	833.3	809.4	780.7	749.6
45°	1003.3	1021.7	1032.8	1034.8	1032.8	1021.7	1003.3	980.2	953.4	919.3	878.2
42.5°	1157.3	1175.0	1186.8	1195.6	1186.8	1175.0	1157.3	1131.5	1101.5	1064.4	1020.7
40°	1331.6	1353.7	1363.8	1357.3	1363.8	1353.7	1331.6	1300.5	1263.2	1219.2	1169.4
37.5°	1510.0	1532.7	1544.4	1543.9	1544.4	1532.7	1510.0	1476.6	1433.4	1381.9	1323.5
35°	1699.2	1727.4	1742.6	1738.8	1742.6	1727.4	1699.2	1658.6	1606.5	1545.8	1481.2
32.5°	1886.6	1920.7	1942.7	1946.1	1942.7	1920.7	1886.6	1842.1	1786.5	1719.3	1642.9
30°	2074.6	2111.4	2133.3	2135.5	2133.3	2111.4	2074.6	2023.9	1960.6	1887.5	1804.6
27.5°	2270.0	2311.2	2334.1	2339.6	2334.1	2311.2	2270.0	2209.7	2137.9	2054.7	1962.2
25°	2461.1	2506.8	2533.1	2543.2	2533.1	2506.8	2461.1	2394.6	2316.7	2225.1	2119.3
22.5°	2645.4	2695.5	2729.8	2738.5	2729.8	2695.5	2645.4	2576.4	2493.3	2397.4	2284.4
20°	2830.2	2889.5	2933.3	2937.6	2933.3	2889.5	2830.2	2752.3	2658.6	2554.1	2434.7
17.5°	3008.2	3072.3	3119.2	3130.6	3119.2	3072.3	3008.2	2923.5	2817.9	2701.9	2571.6
15°	3167.6	3234.8	3280.1	3290.0	3280.1	3234.8	3167.6	3079.5	2973.0	2846.8	2700.1
12.5°	3305.1	3367.1	3409.3	3425.5	3409.3	3367.1	3305.1	3217.1	3107.7	2972.0	2816.1
10°	3415.9	3463.7	3501.5	3518.6	3501.5	3463.7	3415.9	3328.2	3215.8	3075.2	2907.8
7.5°	3477.7	3517.1	3543.2	3552.7	3543.2	3517.1	3477.7	3408.0	3292.5	3144.2	2979.3
5°	3502.1	3539.9	3554.0	3562.3	3554.0	3539.9	3502.1	3429.7	3335.4	3201.0	3037.7
2.5°	3505.5	3535.7	3564.8	3584.0	3564.8	3535.7	3505.5	3451.2	3369.6	3242.4	3075.2
0°	3525.0	3554.5	3570.6	3579.8	3570.6	3554.5	3525.0	3476.2	3391.9	3267.5	3099.8
-2.5°	3505.5	3535.7	3564.8	3584.0	3564.8	3535.7	3505.5	3451.2	3369.6	3242.4	3075.2
-5°	3502.1	3539.9	3554.0	3562.3	3554.0	3539.9	3502.1	3429.7	3335.4	3201.0	3037.7
-7.5°	3477.7	3517.1	3543.2	3552.7	3543.2	3517.1	3477.7	3408.0	3292.5	3144.2	2979.3
-10°	3415.9	3463.7	3501.5	3518.6	3501.5	3463.7	3415.9	3328.2	3215.8	3075.2	2907.8
-12.5°	3305.1	3367.1	3409.3	3425.5	3409.3	3367.1	3305.1	3217.1	3107.7	2972.0	2816.1
-15°	3167.6	3234.8	3280.1	3290.0	3280.1	3234.8	3167.6	3079.5	2973.0	2846.8	2700.1
-17.5°	3008.2	3072.3	3119.2	3130.6	3119.2	3072.3	3008.2	2923.5	2817.9	2701.9	2571.6
-20°	2830.2	2889.5	2933.3	2937.6	2933.3	2889.5	2830.2	2752.3	2658.6	2554.1	2434.7



REPORT NUMBER: P558571 (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°	2645.4	2695.5	2729.8	2738.5	2729.8	2695.5	2645.4	2576.4	2493.3	2397.4	2284.4
-25°	2461.1	2506.8	2533.1	2543.2	2533.1	2506.8	2461.1	2394.6	2316.7	2225.1	2119.3
-27.5°	2270.0	2311.2	2334.1	2339.6	2334.1	2311.2	2270.0	2209.7	2137.9	2054.7	1962.2
-30°	2074.6	2111.4	2133.3	2135.5	2133.3	2111.4	2074.6	2023.9	1960.6	1887.5	1804.6
-32.5°	1886.6	1920.7	1942.7	1946.1	1942.7	1920.7	1886.6	1842.1	1786.5	1719.3	1642.9
-35°	1699.2	1727.4	1742.6	1738.8	1742.6	1727.4	1699.2	1658.6	1606.5	1545.8	1481.2
-37.5°	1510.0	1532.7	1544.4	1543.9	1544.4	1532.7	1510.0	1476.6	1433.4	1381.9	1323.5
-40°	1331.6	1353.7	1363.8	1357.3	1363.8	1353.7	1331.6	1300.5	1263.2	1219.2	1169.4
-42.5°	1157.3	1175.0	1186.8	1195.6	1186.8	1175.0	1157.3	1131.5	1101.5	1064.4	1020.7
-45°	1003.3	1021.7	1032.8	1034.8	1032.8	1021.7	1003.3	980.2	953.4	919.3	878.2
-47.5°	850.1	860.8	868.7	874.0	868.7	860.8	850.1	833.3	809.4	780.7	749.6
-50°	696.5	705.3	712.6	718.3	712.6	705.3	696.5	682.0	662.7	641.0	615.7
-52.5°	552.8	560.6	568.1	574.5	568.1	560.6	552.8	540.0	523.1	505.3	481.5
-55°	426.6	438.5	445.1	446.9	445.1	438.5	426.6	410.5	390.3	368.4	340.5
-57.5°	288.5	299.7	309.6	317.0	309.6	299.7	288.5	273.7	255.1	233.9	209.8
-60°	162.3	167.5	169.8	170.0	169.8	167.5	162.3	156.0	148.9	141.5	132.8
-62.5°	108.4	110.0	111.7	112.9	111.7	110.0	108.4	106.1	102.9	99.4	96.3
-65°	76.0	76.4	76.8	76.9	76.8	76.4	76.0	75.3	74.2	73.8	73.2
-67.5°	62.9	63.5	63.7	63.6	63.7	63.5	62.9	62.1	61.0	59.8	58.4
-70°	50.1	50.8	50.5	49.8	50.5	50.8	50.1	49.6	49.4	49.2	48.3
-72.5°	28.5	24.2	21.1	18.0	21.1	24.2	28.5	32.9	37.1	40.2	39.7
-75°	19.3	14.1	13.8	13.8	13.8	14.1	19.3	24.4	29.3	33.1	32.7
-77.5°	14.8	10.7	10.3	10.1	10.3	10.7	14.8	18.6	22.2	25.1	24.9
-80°	8.7	6.9	7.1	7.4	7.1	6.9	8.7	10.5	12.1	13.7	14.7
-82.5°	5.2	4.1	4.3	4.6	4.3	4.1	5.2	6.3	7.3	8.2	8.7
-85°	2.0	1.8	1.8	1.8	1.8	1.8	2.0	2.2	2.5	2.6	2.6
-87.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
-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):**

	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°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
85°	2.5	2.4	2.4	2.5	2.7	2.8	2.8	2.5	2.2	1.9	1.7
82.5°	9.1	9.3	9.4	8.8	8.3	7.8	7.2	6.0	5.0	4.0	3.3
80°	15.6	16.4	16.9	16.3	15.7	14.8	13.6	11.1	9.0	7.2	6.1
77.5°	24.8	24.8	24.6	23.7	23.0	22.3	21.0	17.3	13.7	10.6	9.0
75°	32.4	32.0	31.5	30.4	29.2	27.8	26.1	23.6	20.4	16.5	13.8
72.5°	39.1	38.4	37.5	36.4	35.1	33.8	32.1	30.0	27.5	24.7	22.5
70°	47.3	46.2	44.9	43.6	42.2	40.7	39.1	37.1	34.5	31.7	30.1
67.5°	56.8	55.1	53.6	51.5	49.8	48.0	47.0	45.2	42.9	40.1	38.1
65°	71.3	67.9	65.7	65.5	63.8	60.3	56.8	55.1	53.1	50.0	46.6
62.5°	93.7	91.9	87.3	83.1	80.0	77.7	73.2	68.4	64.7	61.4	57.0
60°	122.7	111.3	106.7	101.5	95.7	90.0	86.2	81.6	76.1	71.7	67.2
57.5°	182.7	160.5	147.5	133.1	117.4	108.7	102.4	95.1	88.9	82.9	77.2
55°	306.1	274.0	239.8	200.2	163.1	146.6	128.2	113.7	104.8	94.6	87.9
52.5°	451.1	412.4	369.3	322.0	273.9	222.7	172.2	150.7	126.1	111.0	99.7
50°	585.5	545.3	502.8	456.3	398.9	336.5	275.7	215.0	165.4	137.1	114.5
47.5°	712.9	668.8	621.7	571.6	518.6	459.7	388.5	313.8	243.5	173.0	142.2
45°	836.4	789.0	736.2	681.7	624.9	564.4	500.7	424.1	339.6	258.5	174.7
42.5°	969.8	912.6	853.4	792.4	727.4	663.1	595.6	523.8	442.7	349.5	258.8
40°	1111.4	1048.0	980.4	908.0	835.9	759.5	686.8	611.1	532.3	444.3	342.0
37.5°	1256.6	1183.9	1110.3	1030.5	948.3	864.4	779.5	696.2	611.9	526.0	427.0
35°	1407.5	1327.1	1242.0	1154.9	1062.2	971.0	877.4	782.7	690.5	598.7	504.1
32.5°	1559.8	1471.7	1376.4	1279.9	1179.5	1076.8	975.4	872.7	767.4	669.4	570.4
30°	1713.4	1615.7	1511.9	1401.8	1292.5	1182.5	1070.9	958.2	845.4	736.7	634.0
27.5°	1864.1	1758.0	1645.1	1525.4	1400.4	1282.5	1162.5	1040.4	919.0	803.1	692.9
25°	2012.8	1896.6	1771.3	1643.2	1512.2	1374.7	1247.2	1118.9	991.1	865.2	746.1
22.5°	2161.0	2030.8	1893.0	1751.7	1614.3	1469.6	1327.3	1191.0	1057.7	924.3	798.3
20°	2302.8	2159.5	2010.9	1857.9	1705.7	1556.6	1403.5	1258.5	1117.7	979.6	846.7
17.5°	2428.1	2276.2	2120.0	1954.8	1792.3	1633.8	1475.4	1320.4	1172.1	1027.7	890.5
15°	2543.8	2382.6	2216.5	2043.7	1871.0	1701.3	1537.6	1374.8	1220.8	1070.4	929.5
12.5°	2648.8	2478.0	2303.8	2121.6	1940.5	1761.0	1590.5	1423.9	1263.4	1108.5	962.3
10°	2734.6	2557.0	2376.0	2189.2	2000.4	1813.0	1634.4	1463.5	1297.7	1138.8	989.7
7.5°	2804.4	2619.1	2431.2	2242.6	2048.2	1856.4	1670.9	1493.4	1324.5	1160.9	1011.2
5°	2858.8	2668.0	2473.4	2281.9	2082.7	1886.8	1698.2	1513.6	1343.3	1175.2	1026.7
2.5°	2896.1	2701.3	2499.5	2305.7	2105.0	1905.8	1718.5	1529.1	1356.7	1190.1	1040.2
0°	2918.7	2726.1	2519.2	2322.1	2125.3	1916.2	1732.3	1539.7	1362.4	1199.7	1047.2
-2.5°	2896.1	2701.3	2499.5	2305.7	2105.0	1905.8	1718.5	1529.1	1356.7	1190.1	1040.2
-5°	2858.8	2668.0	2473.4	2281.9	2082.7	1886.8	1698.2	1513.6	1343.3	1175.2	1026.7
-7.5°	2804.4	2619.1	2431.2	2242.6	2048.2	1856.4	1670.9	1493.4	1324.5	1160.9	1011.2
-10°	2734.6	2557.0	2376.0	2189.2	2000.4	1813.0	1634.4	1463.5	1297.7	1138.8	989.7
-12.5°	2648.8	2478.0	2303.8	2121.6	1940.5	1761.0	1590.5	1423.9	1263.4	1108.5	962.3
-15°	2543.8	2382.6	2216.5	2043.7	1871.0	1701.3	1537.6	1374.8	1220.8	1070.4	929.5
-17.5°	2428.1	2276.2	2120.0	1954.8	1792.3	1633.8	1475.4	1320.4	1172.1	1027.7	890.5
-20°	2302.8	2159.5	2010.9	1857.9	1705.7	1556.6	1403.5	1258.5	1117.7	979.6	846.7



REPORT NUMBER: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2161.0	2030.8	1893.0	1751.7	1614.3	1469.6	1327.3	1191.0	1057.7	924.3	798.3
-25°	2012.8	1896.6	1771.3	1643.2	1512.2	1374.7	1247.2	1118.9	991.1	865.2	746.1
-27.5°	1864.1	1758.0	1645.1	1525.4	1400.4	1282.5	1162.5	1040.4	919.0	803.1	692.9
-30°	1713.4	1615.7	1511.9	1401.8	1292.5	1182.5	1070.9	958.2	845.4	736.7	634.0
-32.5°	1559.8	1471.7	1376.4	1279.9	1179.5	1076.8	975.4	872.7	767.4	669.4	570.4
-35°	1407.5	1327.1	1242.0	1154.9	1062.2	971.0	877.4	782.7	690.5	598.7	504.1
-37.5°	1256.6	1183.9	1110.3	1030.5	948.3	864.4	779.5	696.2	611.9	526.0	427.0
-40°	1111.4	1048.0	980.4	908.0	835.9	759.5	686.8	611.1	532.3	444.3	342.0
-42.5°	969.8	912.6	853.4	792.4	727.4	663.1	595.6	523.8	442.7	349.5	258.8
-45°	836.4	789.0	736.2	681.7	624.9	564.4	500.7	424.1	339.6	258.5	174.7
-47.5°	712.9	668.8	621.7	571.6	518.6	459.7	388.5	313.8	243.5	173.0	142.2
-50°	585.5	545.3	502.8	456.3	398.9	336.5	275.7	215.0	165.4	137.1	114.5
-52.5°	451.1	412.4	369.3	322.0	273.9	222.7	172.2	150.7	126.1	111.0	99.7
-55°	306.1	274.0	239.8	200.2	163.1	146.6	128.2	113.7	104.8	94.6	87.9
-57.5°	182.7	160.5	147.5	133.1	117.4	108.7	102.4	95.1	88.9	82.9	77.2
-60°	122.7	111.3	106.7	101.5	95.7	90.0	86.2	81.6	76.1	71.7	67.2
-62.5°	93.7	91.9	87.3	83.1	80.0	77.7	73.2	68.4	64.7	61.4	57.0
-65°	71.3	67.9	65.7	65.5	63.8	60.3	56.8	55.1	53.1	50.0	46.6
-67.5°	56.8	55.1	53.6	51.5	49.8	48.0	47.0	45.2	42.9	40.1	38.1
-70°	47.3	46.2	44.9	43.6	42.2	40.7	39.1	37.1	34.5	31.7	30.1
-72.5°	39.1	38.4	37.5	36.4	35.1	33.8	32.1	30.0	27.5	24.7	22.5
-75°	32.4	32.0	31.5	30.4	29.2	27.8	26.1	23.6	20.4	16.5	13.8
-77.5°	24.8	24.8	24.6	23.7	23.0	22.3	21.0	17.3	13.7	10.6	9.0
-80°	15.6	16.4	16.9	16.3	15.7	14.8	13.6	11.1	9.0	7.2	6.1
-82.5°	9.1	9.3	9.4	8.8	8.3	7.8	7.2	6.0	5.0	4.0	3.3
-85°	2.5	2.4	2.4	2.5	2.7	2.8	2.8	2.5	2.2	1.9	1.7
-87.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
-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: P558571 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4
85°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.0	0.8
82.5°	3.3	3.3	3.3	3.2	3.2	3.1	2.9	2.6	2.0	1.5	1.3
80°	6.8	7.2	7.1	6.7	5.9	5.1	4.9	4.5	3.7	3.0	2.2
77.5°	10.3	11.3	11.9	11.7	10.4	9.2	8.0	6.7	5.4	4.4	3.5
75°	14.1	15.4	16.4	16.4	15.0	13.2	11.6	10.0	8.0	6.0	4.7
72.5°	21.4	20.9	21.0	21.1	20.0	18.2	15.9	13.1	10.9	8.5	6.2
70°	28.7	26.8	25.5	25.3	24.7	23.4	21.0	17.5	13.7	11.1	8.4
67.5°	36.4	34.5	32.0	29.9	29.1	27.9	26.2	22.0	17.6	13.6	10.6
65°	44.3	42.0	39.7	36.6	34.1	32.5	30.7	26.3	21.2	16.7	12.8
62.5°	52.9	49.1	46.2	42.8	39.6	37.1	35.1	30.3	24.8	19.6	15.1
60°	62.4	57.6	52.7	48.7	44.9	41.4	38.6	34.4	28.7	22.4	17.4
57.5°	71.9	66.2	60.1	54.8	50.2	45.9	41.9	37.9	32.6	25.9	19.5
55°	81.6	75.1	67.5	61.0	55.5	50.8	45.5	41.0	36.3	29.5	21.1
52.5°	90.9	83.6	75.4	67.3	60.7	55.3	49.5	44.1	39.2	33.0	23.5
50°	102.3	91.7	83.1	74.3	65.7	59.4	53.2	47.4	42.0	36.3	25.8
47.5°	115.5	102.0	90.7	81.1	71.9	63.4	56.8	50.5	44.9	38.8	27.7
45°	141.8	113.8	99.6	88.1	77.7	68.4	60.5	53.3	47.4	39.9	29.4
42.5°	171.8	135.8	110.0	95.1	83.9	73.3	64.1	56.5	49.7	40.7	30.3
40°	244.0	163.2	124.0	104.3	90.2	77.9	68.2	59.6	51.7	41.1	30.7
37.5°	318.3	214.1	148.8	113.3	96.8	83.5	72.0	62.7	52.6	41.5	30.8
35°	393.6	280.7	173.0	129.5	104.8	88.9	75.5	65.7	54.5	41.9	30.6
32.5°	465.1	345.0	228.6	151.1	112.5	94.1	79.6	68.7	57.0	42.3	30.2
30°	526.4	407.4	283.7	171.6	123.2	100.6	84.2	71.6	59.9	42.7	29.8
27.5°	582.2	465.7	335.5	211.4	140.9	106.9	88.4	74.3	63.3	43.8	29.8
25°	633.5	515.4	385.5	255.0	157.5	112.9	92.3	76.8	65.9	46.1	29.9
22.5°	678.8	559.7	431.2	294.8	172.5	118.7	96.5	80.0	68.0	48.5	29.8
20°	719.5	599.9	472.8	331.5	197.2	131.1	101.1	82.9	69.8	50.9	29.6
17.5°	756.1	634.9	507.7	366.3	226.6	142.1	105.2	85.4	71.4	53.4	29.4
15°	791.8	664.6	537.3	397.1	252.6	151.6	109.0	87.6	72.9	55.8	29.2
12.5°	821.8	690.0	562.3	423.7	274.9	159.6	112.2	89.3	74.1	58.0	29.0
10°	845.9	710.9	582.7	445.9	293.5	166.2	115.0	90.7	75.1	59.8	28.4
7.5°	864.1	727.4	598.3	463.7	308.2	171.6	116.8	91.5	75.8	61.2	27.5
5°	877.2	739.7	609.8	476.8	318.8	176.0	117.9	91.9	76.4	62.2	26.4
2.5°	888.0	748.4	617.0	485.2	325.3	179.0	118.5	92.0	76.8	62.7	25.0
0°	893.3	752.4	619.7	488.8	327.6	180.6	118.4	91.7	76.9	62.7	23.5
-2.5°	888.0	748.4	617.0	485.2	325.3	179.0	118.5	92.0	76.8	62.7	25.0
-5°	877.2	739.7	609.8	476.8	318.8	176.0	117.9	91.9	76.4	62.2	26.4
-7.5°	864.1	727.4	598.3	463.7	308.2	171.6	116.8	91.5	75.8	61.2	27.5
-10°	845.9	710.9	582.7	445.9	293.5	166.2	115.0	90.7	75.1	59.8	28.4
-12.5°	821.8	690.0	562.3	423.7	274.9	159.6	112.2	89.3	74.1	58.0	29.0
-15°	791.8	664.6	537.3	397.1	252.6	151.6	109.0	87.6	72.9	55.8	29.2
-17.5°	756.1	634.9	507.7	366.3	226.6	142.1	105.2	85.4	71.4	53.4	29.4
-20°	719.5	599.9	472.8	331.5	197.2	131.1	101.1	82.9	69.8	50.9	29.6



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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°	678.8	559.7	431.2	294.8	172.5	118.7	96.5	80.0	68.0	48.5	29.8
-25°	633.5	515.4	385.5	255.0	157.5	112.9	92.3	76.8	65.9	46.1	29.9
-27.5°	582.2	465.7	335.5	211.4	140.9	106.9	88.4	74.3	63.3	43.8	29.8
-30°	526.4	407.4	283.7	171.6	123.2	100.6	84.2	71.6	59.9	42.7	29.8
-32.5°	465.1	345.0	228.6	151.1	112.5	94.1	79.6	68.7	57.0	42.3	30.2
-35°	393.6	280.7	173.0	129.5	104.8	88.9	75.5	65.7	54.5	41.9	30.6
-37.5°	318.3	214.1	148.8	113.3	96.8	83.5	72.0	62.7	52.6	41.5	30.8
-40°	244.0	163.2	124.0	104.3	90.2	77.9	68.2	59.6	51.7	41.1	30.7
-42.5°	171.8	135.8	110.0	95.1	83.9	73.3	64.1	56.5	49.7	40.7	30.3
-45°	141.8	113.8	99.6	88.1	77.7	68.4	60.5	53.3	47.4	39.9	29.4
-47.5°	115.5	102.0	90.7	81.1	71.9	63.4	56.8	50.5	44.9	38.8	27.7
-50°	102.3	91.7	83.1	74.3	65.7	59.4	53.2	47.4	42.0	36.3	25.8
-52.5°	90.9	83.6	75.4	67.3	60.7	55.3	49.5	44.1	39.2	33.0	23.5
-55°	81.6	75.1	67.5	61.0	55.5	50.8	45.5	41.0	36.3	29.5	21.1
-57.5°	71.9	66.2	60.1	54.8	50.2	45.9	41.9	37.9	32.6	25.9	19.5
-60°	62.4	57.6	52.7	48.7	44.9	41.4	38.6	34.4	28.7	22.4	17.4
-62.5°	52.9	49.1	46.2	42.8	39.6	37.1	35.1	30.3	24.8	19.6	15.1
-65°	44.3	42.0	39.7	36.6	34.1	32.5	30.7	26.3	21.2	16.7	12.8
-67.5°	36.4	34.5	32.0	29.9	29.1	27.9	26.2	22.0	17.6	13.6	10.6
-70°	28.7	26.8	25.5	25.3	24.7	23.4	21.0	17.5	13.7	11.1	8.4
-72.5°	21.4	20.9	21.0	21.1	20.0	18.2	15.9	13.1	10.9	8.5	6.2
-75°	14.1	15.4	16.4	16.4	15.0	13.2	11.6	10.0	8.0	6.0	4.7
-77.5°	10.3	11.3	11.9	11.7	10.4	9.2	8.0	6.7	5.4	4.4	3.5
-80°	6.8	7.2	7.1	6.7	5.9	5.1	4.9	4.5	3.7	3.0	2.2
-82.5°	3.3	3.3	3.3	3.2	3.2	3.1	2.9	2.6	2.0	1.5	1.3
-85°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.2	1.1	1.0	0.8
-87.5°	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5	0.4
-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°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	2.5	1.7	1.2	0.9	0.6	0.3	0.0
75°	3.5	2.4	1.5	1.1	0.7	0.4	0.0
72.5°	4.5	3.1	2.0	1.3	0.8	0.4	0.0
70°	5.5	3.7	2.4	1.5	1.0	0.5	0.0
67.5°	7.2	4.4	2.9	1.7	1.1	0.5	0.0
65°	8.8	5.2	3.3	2.0	1.2	0.6	0.0
62.5°	10.3	6.3	3.7	2.2	1.3	0.6	0.0
60°	11.7	7.3	4.0	2.5	1.4	0.7	0.0
57.5°	13.0	8.1	4.6	2.7	1.5	0.8	0.0
55°	14.2	8.9	5.1	2.9	1.7	0.8	0.0
52.5°	15.3	9.6	5.6	3.1	1.8	0.9	0.0
50°	16.1	10.2	6.0	3.2	1.9	0.9	0.0
47.5°	16.9	10.7	6.3	3.4	2.0	0.9	0.0
45°	18.3	11.1	6.5	3.6	2.1	1.0	0.0
42.5°	19.5	11.3	6.7	3.7	2.3	1.0	0.0
40°	20.4	11.5	6.8	3.9	2.4	1.1	0.0
37.5°	21.1	11.5	6.9	4.1	2.5	1.1	0.0
35°	21.5	11.7	6.9	4.2	2.5	1.1	0.0
32.5°	21.6	12.0	6.8	4.4	2.6	1.2	0.0
30°	21.2	12.2	6.6	4.6	2.7	1.2	0.0
27.5°	20.6	12.2	6.8	4.7	2.8	1.2	0.0
25°	19.9	12.0	7.0	4.9	2.9	1.3	0.0
22.5°	19.0	12.0	7.2	5.0	2.9	1.3	0.0
20°	17.9	12.6	7.4	5.1	3.0	1.3	0.0
17.5°	17.7	13.1	7.5	5.2	3.0	1.3	0.0
15°	18.1	13.5	7.7	5.3	3.1	1.4	0.0
12.5°	18.4	13.9	7.8	5.3	3.1	1.4	0.0
10°	18.7	14.2	8.0	5.4	3.1	1.4	0.0
7.5°	19.0	14.4	8.1	5.4	3.2	1.4	0.0
5°	19.2	14.6	8.2	5.5	3.2	1.4	0.0
2.5°	19.3	14.7	8.2	5.5	3.2	1.4	0.0
0°	19.4	14.7	8.3	5.5	3.2	1.4	0.0
-2.5°	19.3	14.7	8.2	5.5	3.2	1.4	0.0
-5°	19.2	14.6	8.2	5.5	3.2	1.4	0.0
-7.5°	19.0	14.4	8.1	5.4	3.2	1.4	0.0
-10°	18.7	14.2	8.0	5.4	3.1	1.4	0.0
-12.5°	18.4	13.9	7.8	5.3	3.1	1.4	0.0
-15°	18.1	13.5	7.7	5.3	3.1	1.4	0.0
-17.5°	17.7	13.1	7.5	5.2	3.0	1.3	0.0
-20°	17.9	12.6	7.4	5.1	3.0	1.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.0	12.0	7.2	5.0	2.9	1.3	0.0
-25°	19.9	12.0	7.0	4.9	2.9	1.3	0.0
-27.5°	20.6	12.2	6.8	4.7	2.8	1.2	0.0
-30°	21.2	12.2	6.6	4.6	2.7	1.2	0.0
-32.5°	21.6	12.0	6.8	4.4	2.6	1.2	0.0
-35°	21.5	11.7	6.9	4.2	2.5	1.1	0.0
-37.5°	21.1	11.5	6.9	4.1	2.5	1.1	0.0
-40°	20.4	11.5	6.8	3.9	2.4	1.1	0.0
-42.5°	19.5	11.3	6.7	3.7	2.3	1.0	0.0
-45°	18.3	11.1	6.5	3.6	2.1	1.0	0.0
-47.5°	16.9	10.7	6.3	3.4	2.0	0.9	0.0
-50°	16.1	10.2	6.0	3.2	1.9	0.9	0.0
-52.5°	15.3	9.6	5.6	3.1	1.8	0.9	0.0
-55°	14.2	8.9	5.1	2.9	1.7	0.8	0.0
-57.5°	13.0	8.1	4.6	2.7	1.5	0.8	0.0
-60°	11.7	7.3	4.0	2.5	1.4	0.7	0.0
-62.5°	10.3	6.3	3.7	2.2	1.3	0.6	0.0
-65°	8.8	5.2	3.3	2.0	1.2	0.6	0.0
-67.5°	7.2	4.4	2.9	1.7	1.1	0.5	0.0
-70°	5.5	3.7	2.4	1.5	1.0	0.5	0.0
-72.5°	4.5	3.1	2.0	1.3	0.8	0.4	0.0
-75°	3.5	2.4	1.5	1.1	0.7	0.4	0.0
-77.5°	2.5	1.7	1.2	0.9	0.6	0.3	0.0
-80°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)