

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: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559027 (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-SA5B-935-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

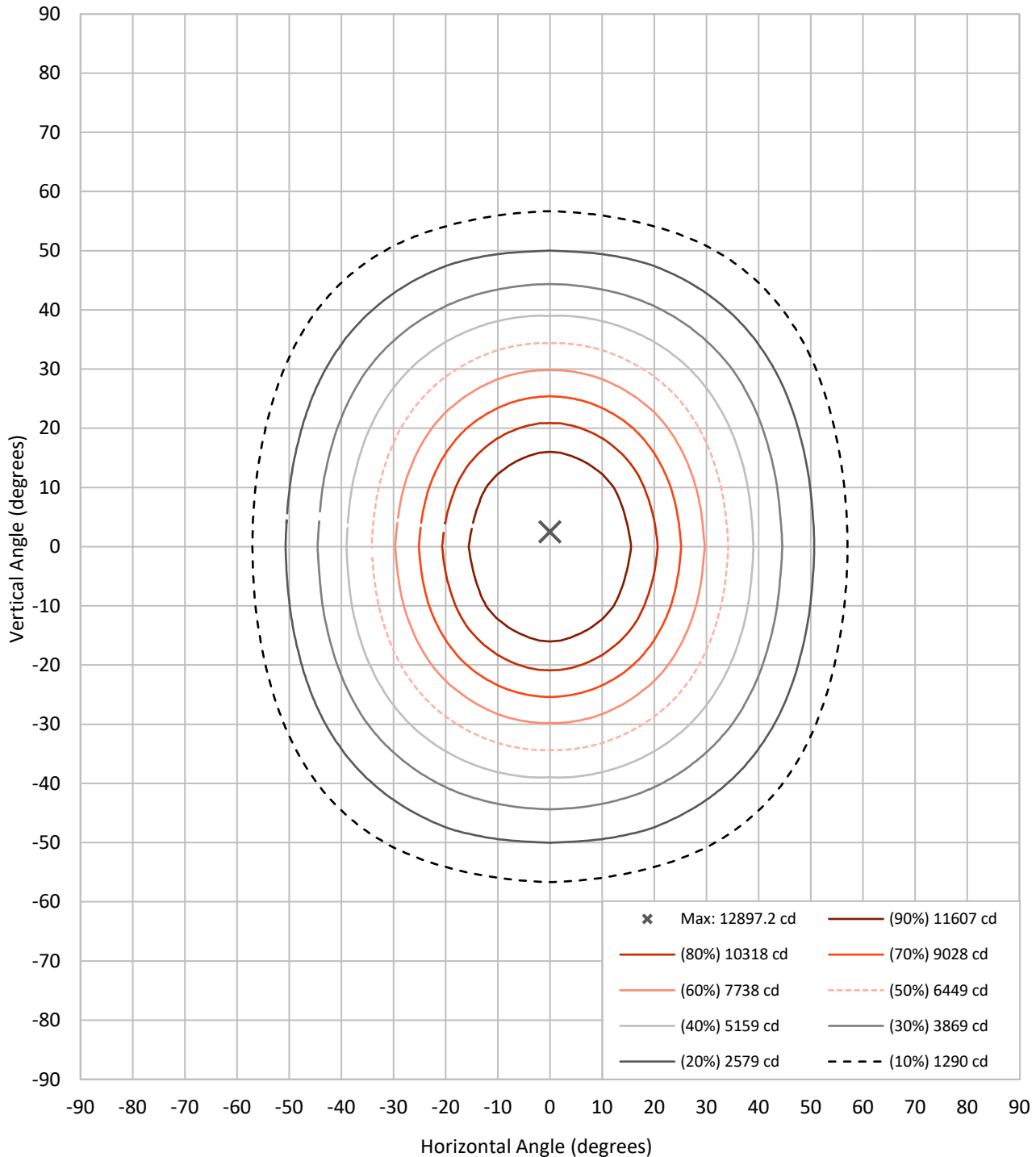
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17455.1 lumens	Max Intensity:	12897.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	94.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10465.6 lumens	Field Lumens:	16674.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 185  
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





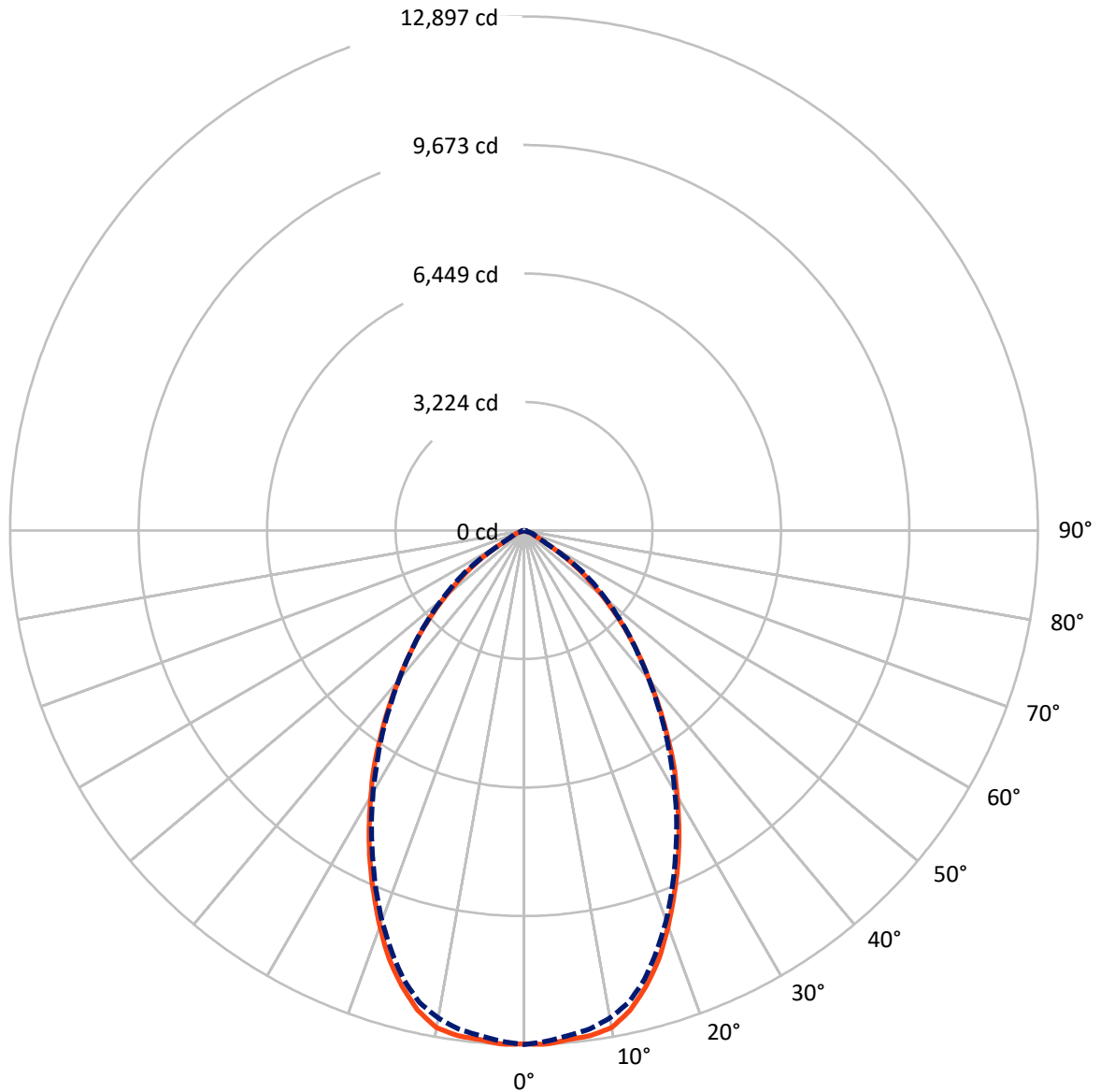
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### Lumen Table

90																
80	0.1	1.7		4.2		7.3		5.1		7.3		4.2		1.7		0.1
70																
60	0.8	1.2	2.3	3.7	5.4	7.0	8.7	9.7	9.7	8.7	7.0	5.4	3.7	2.3	1.2	0.8
50		1.9	3.9	7.0	13.6	26.2	39.3	47.1	47.1	39.3	26.2	13.6	7.0	3.9	1.9	
40	1.4	2.5	5.7	16.7	44.0	73.2	97.3	111.0	111.0	97.3	73.2	44.0	16.7	5.7	2.5	1.4
30		3.1	9.8	38.5	79.0	123.3	163.4	187.4	187.4	163.4	123.3	79.0	38.5	9.8	3.1	
20	1.5	3.7	17.9	58.3	112.1	175.4	234.4	271.6	271.6	234.4	175.4	112.1	58.3	17.9	3.7	1.5
10		4.4	25.5	72.5	138.1	219.2	298.5	348.7	348.7	298.5	219.2	138.1	72.5	25.5	4.4	
0	1.6	4.8	29.8	80.2	152.8	244.9	335.3	383.3	383.3	335.3	244.9	152.8	80.2	29.8	4.8	1.6
-10		4.8	29.8	80.2	152.8	244.9	335.3	383.3	383.3	335.3	244.9	152.8	80.2	29.8	4.8	
-20	1.5	4.4	25.5	72.5	138.1	219.2	298.5	348.7	348.7	298.5	219.2	138.1	72.5	25.5	4.4	1.5
-30		3.7	17.9	58.3	112.1	175.4	234.4	271.6	271.6	234.4	175.4	112.1	58.3	17.9	3.7	
-40	1.4	3.1	9.8	38.5	79.0	123.3	163.4	187.4	187.4	163.4	123.3	79.0	38.5	9.8	3.1	1.4
-50		2.5	5.7	16.7	44.0	73.2	97.3	111.0	111.0	97.3	73.2	44.0	16.7	5.7	2.5	
-60	0.8	1.9	3.9	7.0	13.6	26.2	39.3	47.1	47.1	39.3	26.2	13.6	7.0	3.9	1.9	0.8
-70		1.2	2.3	3.7	5.4	7.0	8.7	9.7	9.7	8.7	7.0	5.4	3.7	2.3	1.2	
-80																
-90	0.1	1.7		4.2		7.3		5.1		7.3		4.2		1.7		0.1

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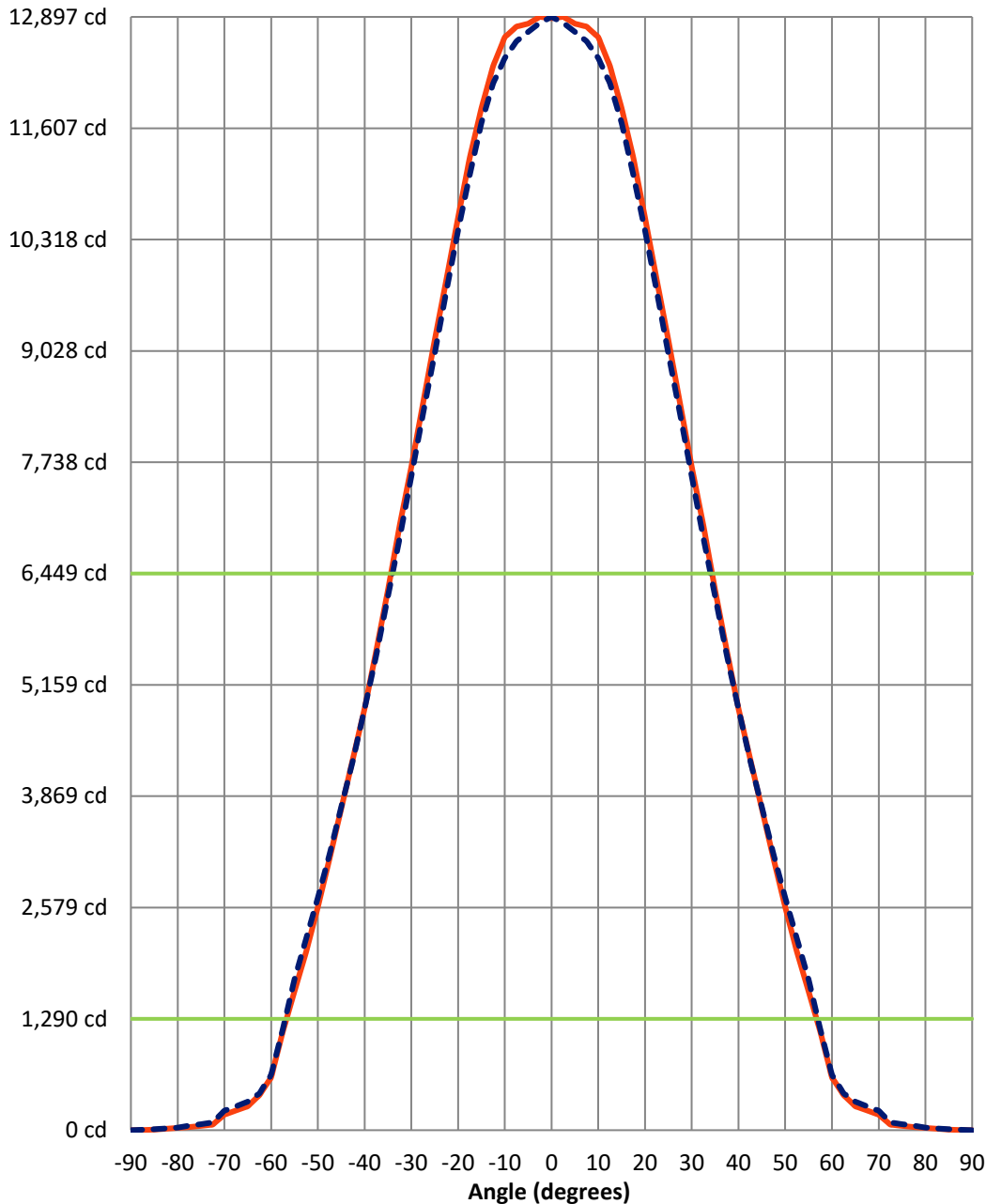
### Luminous Intensity Polar Plot



— 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: 10465.6  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 16674.3  
Efficiency: 95.5%

**Spill:**  
Lumens: 780.8  
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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.4	7.3	9.4
80°	0.0	0.9	1.7	2.6	3.5	4.3	5.4	8.0	10.7	13.4	16.3
77.5°	0.0	1.1	2.2	3.2	4.3	5.9	9.2	12.5	15.9	19.5	24.3
75°	0.0	1.3	2.6	3.9	5.3	8.6	12.8	17.0	21.5	28.8	35.9
72.5°	0.0	1.5	3.0	4.5	7.0	11.1	16.3	22.3	30.8	39.1	47.3
70°	0.0	1.7	3.4	5.2	8.7	13.5	20.0	30.3	39.9	49.4	63.0
67.5°	0.0	1.9	3.8	6.2	10.3	15.9	26.1	38.2	49.0	63.2	79.2
65°	0.0	2.1	4.2	7.1	11.8	19.0	31.8	46.0	60.1	76.4	94.5
62.5°	0.0	2.3	4.6	8.0	13.3	22.7	37.2	54.4	70.7	89.4	109.2
60°	0.0	2.5	5.0	8.9	14.6	26.2	42.0	62.7	80.8	103.4	124.0
57.5°	0.0	2.7	5.5	9.7	16.6	29.3	46.9	70.3	93.1	117.4	136.4
55°	0.0	2.9	6.0	10.4	18.5	32.0	51.3	76.1	106.0	130.6	147.5
52.5°	0.0	3.0	6.4	11.1	20.1	34.5	55.0	84.7	118.8	140.9	158.7
50°	0.0	3.2	6.9	11.7	21.5	36.8	58.1	92.8	130.5	151.1	170.4
47.5°	0.0	3.4	7.3	12.3	22.7	38.6	61.0	99.8	139.7	161.3	181.6
45°	0.0	3.5	7.7	12.9	23.6	40.0	66.0	105.8	143.6	170.5	191.9
42.5°	0.0	3.7	8.1	13.4	24.3	40.9	70.1	109.1	146.2	179.0	203.3
40°	0.0	3.8	8.5	14.1	24.7	41.4	73.4	110.3	147.7	186.2	214.7
37.5°	0.0	4.0	8.9	14.7	24.9	41.4	75.9	110.7	149.3	189.3	225.6
35°	0.0	4.1	9.2	15.4	24.8	42.3	77.5	110.1	150.8	196.3	236.5
32.5°	0.0	4.2	9.5	16.0	24.5	43.4	77.8	108.6	152.4	205.1	247.3
30°	0.0	4.3	9.8	16.5	23.9	44.0	76.4	107.0	153.8	215.6	257.6
27.5°	0.0	4.4	10.1	17.1	24.5	44.0	74.3	107.4	157.6	227.7	267.2
25°	0.0	4.5	10.4	17.6	25.2	43.5	71.6	107.4	165.8	237.3	276.4
22.5°	0.0	4.6	10.6	18.0	25.9	43.5	68.3	107.2	174.4	244.5	288.0
20°	0.0	4.7	10.8	18.4	26.6	45.5	64.6	106.6	183.3	251.2	298.4
17.5°	0.0	4.8	11.0	18.7	27.2	47.3	63.9	105.6	192.2	257.1	307.5
15°	0.0	4.8	11.1	19.0	27.7	48.9	65.1	105.0	200.9	262.3	315.2
12.5°	0.0	4.9	11.3	19.3	28.2	50.2	66.3	104.3	208.6	266.8	321.7
10°	0.0	4.9	11.4	19.5	28.7	51.2	67.3	102.3	215.0	270.3	326.5
7.5°	0.0	5.0	11.5	19.7	29.1	52.1	68.1	99.0	220.1	273.1	329.3
5°	0.0	5.0	11.5	19.8	29.4	52.6	68.8	94.8	223.8	275.1	330.7
2.5°	0.0	5.0	11.6	19.9	29.6	53.0	69.3	89.9	225.6	276.4	330.9
0°	0.0	5.0	11.6	19.9	29.8	53.1	69.6	84.6	225.5	276.9	329.9
-2.5°	0.0	5.0	11.6	19.9	29.6	53.0	69.3	89.9	225.6	276.4	330.9
-5°	0.0	5.0	11.5	19.8	29.4	52.6	68.8	94.8	223.8	275.1	330.7
-7.5°	0.0	5.0	11.5	19.7	29.1	52.1	68.1	99.0	220.1	273.1	329.3
-10°	0.0	4.9	11.4	19.5	28.7	51.2	67.3	102.3	215.0	270.3	326.5
-12.5°	0.0	4.9	11.3	19.3	28.2	50.2	66.3	104.3	208.6	266.8	321.7
-15°	0.0	4.8	11.1	19.0	27.7	48.9	65.1	105.0	200.9	262.3	315.2
-17.5°	0.0	4.8	11.0	18.7	27.2	47.3	63.9	105.6	192.2	257.1	307.5
-20°	0.0	4.7	10.8	18.4	26.6	45.5	64.6	106.6	183.3	251.2	298.4



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 CATALOG NUMBER: GFLD-SA5B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.6	10.6	18.0	25.9	43.5	68.3	107.2	174.4	244.5	288.0
-25°	0.0	4.5	10.4	17.6	25.2	43.5	71.6	107.4	165.8	237.3	276.4
-27.5°	0.0	4.4	10.1	17.1	24.5	44.0	74.3	107.4	157.6	227.7	267.2
-30°	0.0	4.3	9.8	16.5	23.9	44.0	76.4	107.0	153.8	215.6	257.6
-32.5°	0.0	4.2	9.5	16.0	24.5	43.4	77.8	108.6	152.4	205.1	247.3
-35°	0.0	4.1	9.2	15.4	24.8	42.3	77.5	110.1	150.8	196.3	236.5
-37.5°	0.0	4.0	8.9	14.7	24.9	41.4	75.9	110.7	149.3	189.3	225.6
-40°	0.0	3.8	8.5	14.1	24.7	41.4	73.4	110.3	147.7	186.2	214.7
-42.5°	0.0	3.7	8.1	13.4	24.3	40.9	70.1	109.1	146.2	179.0	203.3
-45°	0.0	3.5	7.7	12.9	23.6	40.0	66.0	105.8	143.6	170.5	191.9
-47.5°	0.0	3.4	7.3	12.3	22.7	38.6	61.0	99.8	139.7	161.3	181.6
-50°	0.0	3.2	6.9	11.7	21.5	36.8	58.1	92.8	130.5	151.1	170.4
-52.5°	0.0	3.0	6.4	11.1	20.1	34.5	55.0	84.7	118.8	140.9	158.7
-55°	0.0	2.9	6.0	10.4	18.5	32.0	51.3	76.1	106.0	130.6	147.5
-57.5°	0.0	2.7	5.5	9.7	16.6	29.3	46.9	70.3	93.1	117.4	136.4
-60°	0.0	2.5	5.0	8.9	14.6	26.2	42.0	62.7	80.8	103.4	124.0
-62.5°	0.0	2.3	4.6	8.0	13.3	22.7	37.2	54.4	70.7	89.4	109.2
-65°	0.0	2.1	4.2	7.1	11.8	19.0	31.8	46.0	60.1	76.4	94.5
-67.5°	0.0	1.9	3.8	6.2	10.3	15.9	26.1	38.2	49.0	63.2	79.2
-70°	0.0	1.7	3.4	5.2	8.7	13.5	20.0	30.3	39.9	49.4	63.0
-72.5°	0.0	1.5	3.0	4.5	7.0	11.1	16.3	22.3	30.8	39.1	47.3
-75°	0.0	1.3	2.6	3.9	5.3	8.6	12.8	17.0	21.5	28.8	35.9
-77.5°	0.0	1.1	2.2	3.2	4.3	5.9	9.2	12.5	15.9	19.5	24.3
-80°	0.0	0.9	1.7	2.6	3.5	4.3	5.4	8.0	10.7	13.4	16.3
-82.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.4	7.3	9.4
-85°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.8	4.2
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-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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 CATALOG NUMBER: GFLD-SA5B-935-U-WR-XX

**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°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.7
85°	4.2	4.2	4.7	5.0	5.6	5.9	6.1	6.1	6.8	7.7	8.8
82.5°	10.5	11.2	11.7	11.7	11.9	11.8	11.7	11.6	14.4	17.8	21.7
80°	17.7	18.4	21.2	24.2	25.7	25.7	24.3	21.7	25.7	32.2	39.9
77.5°	28.8	33.0	37.4	42.0	42.9	40.7	37.1	32.3	38.0	49.4	62.4
75°	41.8	47.6	54.1	59.0	59.0	55.5	50.9	49.9	59.6	73.4	84.8
72.5°	57.1	65.6	71.9	76.1	75.7	75.1	77.0	81.1	89.0	99.1	107.9
70°	75.7	84.1	88.8	91.0	91.8	96.4	103.3	108.4	114.1	124.0	133.3
67.5°	94.1	100.6	104.6	107.5	115.2	124.0	130.9	137.2	144.2	154.4	162.8
65°	110.5	117.1	122.9	131.5	142.8	151.1	159.3	167.8	179.9	191.3	198.2
62.5°	126.5	133.5	142.3	154.0	166.2	176.9	190.2	205.3	221.1	232.8	246.1
60°	138.9	148.9	161.4	175.3	189.9	207.3	224.4	242.0	258.1	273.8	293.5
57.5°	150.8	165.2	180.7	197.0	216.4	238.1	258.9	277.9	298.2	320.1	342.3
55°	163.7	182.5	199.8	219.3	242.9	270.4	293.6	316.1	340.4	377.2	409.3
52.5°	177.9	198.7	218.3	242.1	271.4	300.7	327.2	358.7	399.3	454.0	542.6
50°	191.2	213.6	236.5	267.3	299.0	329.9	368.2	412.1	493.4	595.3	773.7
47.5°	204.5	228.3	258.6	291.8	326.3	367.1	415.6	511.8	622.5	876.3	1129.1
45°	217.7	245.9	279.4	317.1	358.3	409.5	510.1	628.7	930.1	1222.0	1526.1
42.5°	230.6	263.6	301.9	342.1	395.8	488.6	618.2	931.4	1257.7	1592.9	1884.8
40°	245.3	280.2	324.4	375.4	446.5	587.3	878.2	1230.8	1598.6	1915.3	2199.3
37.5°	259.1	300.3	348.4	407.8	535.5	770.5	1145.3	1536.4	1892.6	2202.1	2505.4
35°	271.7	319.9	377.2	466.3	622.7	1010.0	1416.3	1814.0	2154.5	2484.9	2816.7
32.5°	286.5	338.8	404.8	543.7	822.7	1241.2	1673.6	2052.6	2409.1	2761.4	3140.4
30°	302.9	362.2	443.3	617.5	1020.9	1465.9	1894.2	2281.4	2651.0	3042.3	3448.2
27.5°	318.4	384.8	507.1	760.7	1207.2	1675.7	2095.0	2493.4	2890.2	3306.8	3743.9
25°	332.4	406.3	566.9	917.7	1387.0	1854.7	2279.6	2685.1	3113.5	3566.4	4026.3
22.5°	347.6	427.2	620.8	1060.7	1551.6	2013.9	2442.7	2872.6	3326.1	3806.1	4285.8
20°	363.9	471.9	709.6	1192.7	1701.1	2158.7	2589.2	3046.9	3525.1	4022.2	4528.8
17.5°	378.8	511.4	815.6	1318.0	1826.8	2284.5	2720.9	3204.7	3698.1	4217.7	4751.4
15°	392.1	545.6	909.0	1428.8	1933.5	2391.5	2849.4	3344.8	3851.8	4393.1	4947.4
12.5°	403.9	574.5	989.3	1524.6	2023.5	2482.9	2957.4	3463.0	3988.8	4546.4	5124.0
10°	413.9	598.1	1056.1	1604.7	2096.7	2558.4	3044.1	3561.3	4097.9	4669.8	5266.4
7.5°	420.3	617.5	1108.9	1668.7	2153.2	2617.4	3109.5	3638.8	4177.6	4766.2	5374.1
5°	424.4	633.4	1147.1	1715.9	2194.3	2662.0	3156.6	3694.5	4228.8	4833.8	5446.6
2.5°	426.3	644.3	1170.4	1746.2	2220.1	2693.2	3195.6	3743.3	4282.7	4881.9	5502.7
0°	426.1	649.9	1178.8	1759.1	2229.9	2707.4	3214.8	3768.5	4317.3	4902.5	5540.9
-2.5°	426.3	644.3	1170.4	1746.2	2220.1	2693.2	3195.6	3743.3	4282.7	4881.9	5502.7
-5°	424.4	633.4	1147.1	1715.9	2194.3	2662.0	3156.6	3694.5	4228.8	4833.8	5446.6
-7.5°	420.3	617.5	1108.9	1668.7	2153.2	2617.4	3109.5	3638.8	4177.6	4766.2	5374.1
-10°	413.9	598.1	1056.1	1604.7	2096.7	2558.4	3044.1	3561.3	4097.9	4669.8	5266.4
-12.5°	403.9	574.5	989.3	1524.6	2023.5	2482.9	2957.4	3463.0	3988.8	4546.4	5124.0
-15°	392.1	545.6	909.0	1428.8	1933.5	2391.5	2849.4	3344.8	3851.8	4393.1	4947.4
-17.5°	378.8	511.4	815.6	1318.0	1826.8	2284.5	2720.9	3204.7	3698.1	4217.7	4751.4
-20°	363.9	471.9	709.6	1192.7	1701.1	2158.7	2589.2	3046.9	3525.1	4022.2	4528.8



REPORT NUMBER: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-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°	347.6	427.2	620.8	1060.7	1551.6	2013.9	2442.7	2872.6	3326.1	3806.1	4285.8
-25°	332.4	406.3	566.9	917.7	1387.0	1854.7	2279.6	2685.1	3113.5	3566.4	4026.3
-27.5°	318.4	384.8	507.1	760.7	1207.2	1675.7	2095.0	2493.4	2890.2	3306.8	3743.9
-30°	302.9	362.2	443.3	617.5	1020.9	1465.9	1894.2	2281.4	2651.0	3042.3	3448.2
-32.5°	286.5	338.8	404.8	543.7	822.7	1241.2	1673.6	2052.6	2409.1	2761.4	3140.4
-35°	271.7	319.9	377.2	466.3	622.7	1010.0	1416.3	1814.0	2154.5	2484.9	2816.7
-37.5°	259.1	300.3	348.4	407.8	535.5	770.5	1145.3	1536.4	1892.6	2202.1	2505.4
-40°	245.3	280.2	324.4	375.4	446.5	587.3	878.2	1230.8	1598.6	1915.3	2199.3
-42.5°	230.6	263.6	301.9	342.1	395.8	488.6	618.2	931.4	1257.7	1592.9	1884.8
-45°	217.7	245.9	279.4	317.1	358.3	409.5	510.1	628.7	930.1	1222.0	1526.1
-47.5°	204.5	228.3	258.6	291.8	326.3	367.1	415.6	511.8	622.5	876.3	1129.1
-50°	191.2	213.6	236.5	267.3	299.0	329.9	368.2	412.1	493.4	595.3	773.7
-52.5°	177.9	198.7	218.3	242.1	271.4	300.7	327.2	358.7	399.3	454.0	542.6
-55°	163.7	182.5	199.8	219.3	242.9	270.4	293.6	316.1	340.4	377.2	409.3
-57.5°	150.8	165.2	180.7	197.0	216.4	238.1	258.9	277.9	298.2	320.1	342.3
-60°	138.9	148.9	161.4	175.3	189.9	207.3	224.4	242.0	258.1	273.8	293.5
-62.5°	126.5	133.5	142.3	154.0	166.2	176.9	190.2	205.3	221.1	232.8	246.1
-65°	110.5	117.1	122.9	131.5	142.8	151.1	159.3	167.8	179.9	191.3	198.2
-67.5°	94.1	100.6	104.6	107.5	115.2	124.0	130.9	137.2	144.2	154.4	162.8
-70°	75.7	84.1	88.8	91.0	91.8	96.4	103.3	108.4	114.1	124.0	133.3
-72.5°	57.1	65.6	71.9	76.1	75.7	75.1	77.0	81.1	89.0	99.1	107.9
-75°	41.8	47.6	54.1	59.0	59.0	55.5	50.9	49.9	59.6	73.4	84.8
-77.5°	28.8	33.0	37.4	42.0	42.9	40.7	37.1	32.3	38.0	49.4	62.4
-80°	17.7	18.4	21.2	24.2	25.7	25.7	24.3	21.7	25.7	32.2	39.9
-82.5°	10.5	11.2	11.7	11.7	11.9	11.8	11.7	11.6	14.4	17.8	21.7
-85°	4.2	4.2	4.7	5.0	5.6	5.9	6.1	6.1	6.8	7.7	8.8
-87.5°	2.1	2.1	2.0	1.9	2.0	2.1	2.2	2.3	2.1	1.9	1.7
-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: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
85°	10.1	9.9	9.6	9.0	8.4	8.6	8.9	9.1	9.3	8.7	8.1
82.5°	26.0	27.9	29.7	31.7	33.7	33.4	32.5	31.1	29.4	26.2	22.6
80°	48.7	53.3	56.3	58.8	60.7	58.8	56.0	52.7	49.1	43.6	37.6
77.5°	75.7	80.3	82.7	85.5	88.7	89.3	89.5	89.7	90.1	79.9	67.0
75°	93.9	100.0	105.0	109.4	113.3	115.3	116.5	117.7	118.9	105.4	87.8
72.5°	115.4	121.3	126.1	130.9	135.1	138.4	140.9	142.9	144.6	133.6	118.2
70°	140.6	146.5	152.0	156.9	161.8	166.1	170.1	173.7	177.1	177.7	178.5
67.5°	169.0	172.5	179.0	185.3	192.7	198.1	204.2	209.9	215.2	219.6	223.3
65°	204.3	216.8	229.4	235.7	236.2	244.1	256.5	263.4	265.4	267.0	270.9
62.5°	263.3	279.5	288.0	299.1	314.4	331.0	337.4	346.5	357.7	370.2	381.6
60°	310.2	324.0	344.5	365.4	384.0	400.8	441.7	478.0	509.1	535.8	561.6
57.5°	368.5	391.2	422.5	479.1	530.8	577.5	657.4	754.9	841.9	918.0	984.8
55°	461.3	527.4	586.9	720.3	862.9	986.2	1101.7	1225.3	1325.9	1404.5	1477.2
52.5°	619.7	801.4	985.5	1158.7	1329.1	1484.2	1623.3	1732.8	1818.3	1882.4	1943.1
50°	992.0	1211.0	1435.4	1642.1	1809.4	1962.2	2107.0	2215.6	2306.5	2384.7	2454.0
47.5°	1398.0	1654.3	1866.4	2056.9	2237.2	2406.8	2565.3	2697.5	2809.4	2912.7	2998.6
45°	1802.0	2031.2	2248.6	2453.0	2649.3	2839.4	3009.8	3160.2	3308.3	3430.7	3527.5
42.5°	2143.6	2386.3	2617.6	2851.5	3070.8	3284.1	3490.0	3672.9	3830.2	3964.0	4071.6
40°	2471.5	2733.2	3007.8	3267.5	3528.0	3771.4	3999.5	4208.3	4387.5	4545.9	4679.9
37.5°	2805.2	3110.7	3412.5	3708.4	3995.5	4260.2	4521.9	4762.8	4972.8	5158.1	5313.7
35°	3157.3	3494.1	3822.5	4156.0	4469.4	4775.7	5065.0	5330.1	5562.7	5781.0	5968.7
32.5°	3510.1	3875.0	4244.8	4605.7	4952.9	5295.9	5613.2	5912.1	6187.0	6428.6	6629.0
30°	3853.6	4255.4	4651.0	5044.2	5440.5	5814.2	6165.7	6493.9	6792.2	7055.5	7283.1
27.5°	4183.2	4615.1	5039.4	5489.1	5919.8	6326.3	6708.1	7061.1	7394.1	7693.4	7951.7
25°	4488.3	4947.0	5441.6	5913.2	6374.0	6824.8	7243.3	7626.7	8007.3	8336.6	8617.2
22.5°	4776.4	5288.4	5809.1	6303.7	6812.2	7307.9	7776.2	8220.5	8627.1	8972.2	9271.3
20°	5050.4	5601.4	6137.9	6685.5	7236.2	7771.0	8286.7	8761.5	9191.2	9567.2	9904.5
17.5°	5309.3	5879.4	6449.5	7034.3	7628.9	8191.2	8737.6	9254.2	9723.2	10140.4	10520.7
15°	5533.1	6122.3	6732.7	7354.2	7976.2	8574.0	9154.0	9716.7	10244.3	10698.5	11082.0
12.5°	5723.4	6337.1	6982.9	7635.0	8290.6	8917.3	9532.0	10134.0	10695.0	11183.2	11577.0
10°	5881.2	6524.2	7198.8	7877.9	8550.4	9201.6	9840.8	10463.9	11066.2	11572.4	11976.8
7.5°	6012.7	6680.4	7370.5	8070.2	8748.7	9425.0	10091.7	10721.0	11314.5	11848.2	12263.9
5°	6111.0	6789.8	7494.5	8211.6	8900.5	9601.0	10287.4	10931.5	11519.1	12002.6	12341.9
2.5°	6184.1	6857.9	7575.0	8296.9	8994.9	9720.6	10421.7	11066.4	11667.8	12125.6	12419.3
0°	6233.9	6895.4	7648.1	8356.0	9065.6	9810.1	10503.1	11154.7	11758.2	12205.8	12509.2
-2.5°	6184.1	6857.9	7575.0	8296.9	8994.9	9720.6	10421.7	11066.4	11667.8	12125.6	12419.3
-5°	6111.0	6789.8	7494.5	8211.6	8900.5	9601.0	10287.4	10931.5	11519.1	12002.6	12341.9
-7.5°	6012.7	6680.4	7370.5	8070.2	8748.7	9425.0	10091.7	10721.0	11314.5	11848.2	12263.9
-10°	5881.2	6524.2	7198.8	7877.9	8550.4	9201.6	9840.8	10463.9	11066.2	11572.4	11976.8
-12.5°	5723.4	6337.1	6982.9	7635.0	8290.6	8917.3	9532.0	10134.0	10695.0	11183.2	11577.0
-15°	5533.1	6122.3	6732.7	7354.2	7976.2	8574.0	9154.0	9716.7	10244.3	10698.5	11082.0
-17.5°	5309.3	5879.4	6449.5	7034.3	7628.9	8191.2	8737.6	9254.2	9723.2	10140.4	10520.7
-20°	5050.4	5601.4	6137.9	6685.5	7236.2	7771.0	8286.7	8761.5	9191.2	9567.2	9904.5



REPORT NUMBER: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4776.4	5288.4	5809.1	6303.7	6812.2	7307.9	7776.2	8220.5	8627.1	8972.2	9271.3
-25°	4488.3	4947.0	5441.6	5913.2	6374.0	6824.8	7243.3	7626.7	8007.3	8336.6	8617.2
-27.5°	4183.2	4615.1	5039.4	5489.1	5919.8	6326.3	6708.1	7061.1	7394.1	7693.4	7951.7
-30°	3853.6	4255.4	4651.0	5044.2	5440.5	5814.2	6165.7	6493.9	6792.2	7055.5	7283.1
-32.5°	3510.1	3875.0	4244.8	4605.7	4952.9	5295.9	5613.2	5912.1	6187.0	6428.6	6629.0
-35°	3157.3	3494.1	3822.5	4156.0	4469.4	4775.7	5065.0	5330.1	5562.7	5781.0	5968.7
-37.5°	2805.2	3110.7	3412.5	3708.4	3995.5	4260.2	4521.9	4762.8	4972.8	5158.1	5313.7
-40°	2471.5	2733.2	3007.8	3267.5	3528.0	3771.4	3999.5	4208.3	4387.5	4545.9	4679.9
-42.5°	2143.6	2386.3	2617.6	2851.5	3070.8	3284.1	3490.0	3672.9	3830.2	3964.0	4071.6
-45°	1802.0	2031.2	2248.6	2453.0	2649.3	2839.4	3009.8	3160.2	3308.3	3430.7	3527.5
-47.5°	1398.0	1654.3	1866.4	2056.9	2237.2	2406.8	2565.3	2697.5	2809.4	2912.7	2998.6
-50°	992.0	1211.0	1435.4	1642.1	1809.4	1962.2	2107.0	2215.6	2306.5	2384.7	2454.0
-52.5°	619.7	801.4	985.5	1158.7	1329.1	1484.2	1623.3	1732.8	1818.3	1882.4	1943.1
-55°	461.3	527.4	586.9	720.3	862.9	986.2	1101.7	1225.3	1325.9	1404.5	1477.2
-57.5°	368.5	391.2	422.5	479.1	530.8	577.5	657.4	754.9	841.9	918.0	984.8
-60°	310.2	324.0	344.5	365.4	384.0	400.8	441.7	478.0	509.1	535.8	561.6
-62.5°	263.3	279.5	288.0	299.1	314.4	331.0	337.4	346.5	357.7	370.2	381.6
-65°	204.3	216.8	229.4	235.7	236.2	244.1	256.5	263.4	265.4	267.0	270.9
-67.5°	169.0	172.5	179.0	185.3	192.7	198.1	204.2	209.9	215.2	219.6	223.3
-70°	140.6	146.5	152.0	156.9	161.8	166.1	170.1	173.7	177.1	177.7	178.5
-72.5°	115.4	121.3	126.1	130.9	135.1	138.4	140.9	142.9	144.6	133.6	118.2
-75°	93.9	100.0	105.0	109.4	113.3	115.3	116.5	117.7	118.9	105.4	87.8
-77.5°	75.7	80.3	82.7	85.5	88.7	89.3	89.5	89.7	90.1	79.9	67.0
-80°	48.7	53.3	56.3	58.8	60.7	58.8	56.0	52.7	49.1	43.6	37.6
-82.5°	26.0	27.9	29.7	31.7	33.7	33.4	32.5	31.1	29.4	26.2	22.6
-85°	10.1	9.9	9.6	9.0	8.4	8.6	8.9	9.1	9.3	8.7	8.1
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
-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: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6
85°	7.3	6.6	6.6	6.6	6.6	6.6	7.3	8.1	8.7	9.3	9.1
82.5°	18.9	14.9	15.7	16.6	15.7	14.9	18.9	22.6	26.2	29.4	31.1
80°	31.4	24.9	25.6	26.5	25.6	24.9	31.4	37.6	43.6	49.1	52.7
77.5°	53.1	38.6	37.3	36.5	37.3	38.6	53.1	67.0	79.9	90.1	89.7
75°	69.5	50.7	49.6	49.7	49.6	50.7	69.5	87.8	105.4	118.9	117.7
72.5°	102.6	86.8	75.8	64.7	75.8	86.8	102.6	118.2	133.6	144.6	142.9
70°	180.4	182.7	181.8	179.1	181.8	182.7	180.4	178.5	177.7	177.1	173.7
67.5°	226.4	228.8	229.3	228.8	229.3	228.8	226.4	223.3	219.6	215.2	209.9
65°	273.6	275.2	276.4	276.9	276.4	275.2	273.6	270.9	267.0	265.4	263.4
62.5°	390.2	395.9	401.9	406.2	401.9	395.9	390.2	381.6	370.2	357.7	346.5
60°	584.1	602.8	611.1	611.8	611.1	602.8	584.1	561.6	535.8	509.1	478.0
57.5°	1038.3	1078.3	1114.0	1140.7	1114.0	1078.3	1038.3	984.8	918.0	841.9	754.9
55°	1535.2	1577.7	1601.8	1608.2	1601.8	1577.7	1535.2	1477.2	1404.5	1325.9	1225.3
52.5°	1989.2	2017.6	2044.4	2067.5	2044.4	2017.6	1989.2	1943.1	1882.4	1818.3	1732.8
50°	2506.3	2537.8	2564.4	2584.7	2564.4	2537.8	2506.3	2454.0	2384.7	2306.5	2215.6
47.5°	3058.9	3097.5	3126.0	3145.1	3126.0	3097.5	3058.9	2998.6	2912.7	2809.4	2697.5
45°	3610.4	3676.5	3716.6	3723.7	3716.6	3676.5	3610.4	3527.5	3430.7	3308.3	3160.2
42.5°	4164.7	4228.0	4270.8	4302.4	4270.8	4228.0	4164.7	4071.6	3964.0	3830.2	3672.9
40°	4791.6	4871.1	4907.6	4884.3	4907.6	4871.1	4791.6	4679.9	4545.9	4387.5	4208.3
37.5°	5433.7	5515.5	5557.7	5555.8	5557.7	5515.5	5433.7	5313.7	5158.1	4972.8	4762.8
35°	6114.6	6216.0	6270.9	6257.1	6270.9	6216.0	6114.6	5968.7	5781.0	5562.7	5330.1
32.5°	6789.1	6911.7	6990.8	7003.2	6990.8	6911.7	6789.1	6629.0	6428.6	6187.0	5912.1
30°	7465.6	7598.1	7676.9	7684.6	7676.9	7598.1	7465.6	7283.1	7055.5	6792.2	6493.9
27.5°	8168.6	8316.9	8399.3	8419.0	8399.3	8316.9	8168.6	7951.7	7693.4	7394.1	7061.1
25°	8856.4	9021.0	9115.6	9151.9	9115.6	9021.0	8856.4	8617.2	8336.6	8007.3	7626.7
22.5°	9519.7	9700.2	9823.4	9854.8	9823.4	9700.2	9519.7	9271.3	8972.2	8627.1	8220.5
20°	10184.9	10397.8	10555.5	10571.1	10555.5	10397.8	10184.9	9904.5	9567.2	9191.2	8761.5
17.5°	10825.3	11055.8	11224.5	11265.7	11224.5	11055.8	10825.3	10520.7	10140.4	9723.2	9254.2
15°	11398.8	11640.6	11803.6	11839.4	11803.6	11640.6	11398.8	11082.0	10698.5	10244.3	9716.7
12.5°	11893.6	12116.5	12268.6	12326.8	12268.6	12116.5	11893.6	11577.0	11183.2	10695.0	10134.0
10°	12292.2	12464.4	12600.4	12661.7	12600.4	12464.4	12292.2	11976.8	11572.4	11066.2	10463.9
7.5°	12514.7	12656.4	12750.6	12784.4	12750.6	12656.4	12514.7	12263.9	11848.2	11314.5	10721.0
5°	12602.7	12738.5	12789.5	12819.2	12789.5	12738.5	12602.7	12341.9	12002.6	11519.1	10931.5
2.5°	12614.7	12723.4	12828.2	12897.2	12828.2	12723.4	12614.7	12419.3	12125.6	11667.8	11066.4
0°	12684.9	12791.1	12849.1	12882.2	12849.1	12791.1	12684.9	12509.2	12205.8	11758.2	11154.7
-2.5°	12614.7	12723.4	12828.2	12897.2	12828.2	12723.4	12614.7	12419.3	12125.6	11667.8	11066.4
-5°	12602.7	12738.5	12789.5	12819.2	12789.5	12738.5	12602.7	12341.9	12002.6	11519.1	10931.5
-7.5°	12514.7	12656.4	12750.6	12784.4	12750.6	12656.4	12514.7	12263.9	11848.2	11314.5	10721.0
-10°	12292.2	12464.4	12600.4	12661.7	12600.4	12464.4	12292.2	11976.8	11572.4	11066.2	10463.9
-12.5°	11893.6	12116.5	12268.6	12326.8	12268.6	12116.5	11893.6	11577.0	11183.2	10695.0	10134.0
-15°	11398.8	11640.6	11803.6	11839.4	11803.6	11640.6	11398.8	11082.0	10698.5	10244.3	9716.7
-17.5°	10825.3	11055.8	11224.5	11265.7	11224.5	11055.8	10825.3	10520.7	10140.4	9723.2	9254.2
-20°	10184.9	10397.8	10555.5	10571.1	10555.5	10397.8	10184.9	9904.5	9567.2	9191.2	8761.5



REPORT NUMBER: P559027 (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°	9519.7	9700.2	9823.4	9854.8	9823.4	9700.2	9519.7	9271.3	8972.2	8627.1	8220.5
-25°	8856.4	9021.0	9115.6	9151.9	9115.6	9021.0	8856.4	8617.2	8336.6	8007.3	7626.7
-27.5°	8168.6	8316.9	8399.3	8419.0	8399.3	8316.9	8168.6	7951.7	7693.4	7394.1	7061.1
-30°	7465.6	7598.1	7676.9	7684.6	7676.9	7598.1	7465.6	7283.1	7055.5	6792.2	6493.9
-32.5°	6789.1	6911.7	6990.8	7003.2	6990.8	6911.7	6789.1	6629.0	6428.6	6187.0	5912.1
-35°	6114.6	6216.0	6270.9	6257.1	6270.9	6216.0	6114.6	5968.7	5781.0	5562.7	5330.1
-37.5°	5433.7	5515.5	5557.7	5555.8	5557.7	5515.5	5433.7	5313.7	5158.1	4972.8	4762.8
-40°	4791.6	4871.1	4907.6	4884.3	4907.6	4871.1	4791.6	4679.9	4545.9	4387.5	4208.3
-42.5°	4164.7	4228.0	4270.8	4302.4	4270.8	4228.0	4164.7	4071.6	3964.0	3830.2	3672.9
-45°	3610.4	3676.5	3716.6	3723.7	3716.6	3676.5	3610.4	3527.5	3430.7	3308.3	3160.2
-47.5°	3058.9	3097.5	3126.0	3145.1	3126.0	3097.5	3058.9	2998.6	2912.7	2809.4	2697.5
-50°	2506.3	2537.8	2564.4	2584.7	2564.4	2537.8	2506.3	2454.0	2384.7	2306.5	2215.6
-52.5°	1989.2	2017.6	2044.4	2067.5	2044.4	2017.6	1989.2	1943.1	1882.4	1818.3	1732.8
-55°	1535.2	1577.7	1601.8	1608.2	1601.8	1577.7	1535.2	1477.2	1404.5	1325.9	1225.3
-57.5°	1038.3	1078.3	1114.0	1140.7	1114.0	1078.3	1038.3	984.8	918.0	841.9	754.9
-60°	584.1	602.8	611.1	611.8	611.1	602.8	584.1	561.6	535.8	509.1	478.0
-62.5°	390.2	395.9	401.9	406.2	401.9	395.9	390.2	381.6	370.2	357.7	346.5
-65°	273.6	275.2	276.4	276.9	276.4	275.2	273.6	270.9	267.0	265.4	263.4
-67.5°	226.4	228.8	229.3	228.8	229.3	228.8	226.4	223.3	219.6	215.2	209.9
-70°	180.4	182.7	181.8	179.1	181.8	182.7	180.4	178.5	177.7	177.1	173.7
-72.5°	102.6	86.8	75.8	64.7	75.8	86.8	102.6	118.2	133.6	144.6	142.9
-75°	69.5	50.7	49.6	49.7	49.6	50.7	69.5	87.8	105.4	118.9	117.7
-77.5°	53.1	38.6	37.3	36.5	37.3	38.6	53.1	67.0	79.9	90.1	89.7
-80°	31.4	24.9	25.6	26.5	25.6	24.9	31.4	37.6	43.6	49.1	52.7
-82.5°	18.9	14.9	15.7	16.6	15.7	14.9	18.9	22.6	26.2	29.4	31.1
-85°	7.3	6.6	6.6	6.6	6.6	6.6	7.3	8.1	8.7	9.3	9.1
-87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	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



REPORT NUMBER: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	1.9	2.1	2.3
85°	8.9	8.6	8.4	9.0	9.6	9.9	10.1	8.8	7.7	6.8	6.1
82.5°	32.5	33.4	33.7	31.7	29.7	27.9	26.0	21.7	17.8	14.4	11.6
80°	56.0	58.8	60.7	58.8	56.3	53.3	48.7	39.9	32.2	25.7	21.7
77.5°	89.5	89.3	88.7	85.5	82.7	80.3	75.7	62.4	49.4	38.0	32.3
75°	116.5	115.3	113.3	109.4	105.0	100.0	93.9	84.8	73.4	59.6	49.9
72.5°	140.9	138.4	135.1	130.9	126.1	121.3	115.4	107.9	99.1	89.0	81.1
70°	170.1	166.1	161.8	156.9	152.0	146.5	140.6	133.3	124.0	114.1	108.4
67.5°	204.2	198.1	192.7	185.3	179.0	172.5	169.0	162.8	154.4	144.2	137.2
65°	256.5	244.1	236.2	235.7	229.4	216.8	204.3	198.2	191.3	179.9	167.8
62.5°	337.4	331.0	314.4	299.1	288.0	279.5	263.3	246.1	232.8	221.1	205.3
60°	441.7	400.8	384.0	365.4	344.5	324.0	310.2	293.5	273.8	258.1	242.0
57.5°	657.4	577.5	530.8	479.1	422.5	391.2	368.5	342.3	320.1	298.2	277.9
55°	1101.7	986.2	862.9	720.3	586.9	527.4	461.3	409.3	377.2	340.4	316.1
52.5°	1623.3	1484.2	1329.1	1158.7	985.5	801.4	619.7	542.6	454.0	399.3	358.7
50°	2107.0	1962.2	1809.4	1642.1	1435.4	1211.0	992.0	773.7	595.3	493.4	412.1
47.5°	2565.3	2406.8	2237.2	2056.9	1866.4	1654.3	1398.0	1129.1	876.3	622.5	511.8
45°	3009.8	2839.4	2649.3	2453.0	2248.6	2031.2	1802.0	1526.1	1222.0	930.1	628.7
42.5°	3490.0	3284.1	3070.8	2851.5	2617.6	2386.3	2143.6	1884.8	1592.9	1257.7	931.4
40°	3999.5	3771.4	3528.0	3267.5	3007.8	2733.2	2471.5	2199.3	1915.3	1598.6	1230.8
37.5°	4521.9	4260.2	3995.5	3708.4	3412.5	3110.7	2805.2	2505.4	2202.1	1892.6	1536.4
35°	5065.0	4775.7	4469.4	4156.0	3822.5	3494.1	3157.3	2816.7	2484.9	2154.5	1814.0
32.5°	5613.2	5295.9	4952.9	4605.7	4244.8	3875.0	3510.1	3140.4	2761.4	2409.1	2052.6
30°	6165.7	5814.2	5440.5	5044.2	4651.0	4255.4	3853.6	3448.2	3042.3	2651.0	2281.4
27.5°	6708.1	6326.3	5919.8	5489.1	5039.4	4615.1	4183.2	3743.9	3306.8	2890.2	2493.4
25°	7243.3	6824.8	6374.0	5913.2	5441.6	4947.0	4488.3	4026.3	3566.4	3113.5	2685.1
22.5°	7776.2	7307.9	6812.2	6303.7	5809.1	5288.4	4776.4	4285.8	3806.1	3326.1	2872.6
20°	8286.7	7771.0	7236.2	6685.5	6137.9	5601.4	5050.4	4528.8	4022.2	3525.1	3046.9
17.5°	8737.6	8191.2	7628.9	7034.3	6449.5	5879.4	5309.3	4751.4	4217.7	3698.1	3204.7
15°	9154.0	8574.0	7976.2	7354.2	6732.7	6122.3	5533.1	4947.4	4393.1	3851.8	3344.8
12.5°	9532.0	8917.3	8290.6	7635.0	6982.9	6337.1	5723.4	5124.0	4546.4	3988.8	3463.0
10°	9840.8	9201.6	8550.4	7877.9	7198.8	6524.2	5881.2	5266.4	4669.8	4097.9	3561.3
7.5°	10091.7	9425.0	8748.7	8070.2	7370.5	6680.4	6012.7	5374.1	4766.2	4177.6	3638.8
5°	10287.4	9601.0	8900.5	8211.6	7494.5	6789.8	6111.0	5446.6	4833.8	4228.8	3694.5
2.5°	10421.7	9720.6	8994.9	8296.9	7575.0	6857.9	6184.1	5502.7	4881.9	4282.7	3743.3
0°	10503.1	9810.1	9065.6	8356.0	7648.1	6895.4	6233.9	5540.9	4902.5	4317.3	3768.5
-2.5°	10421.7	9720.6	8994.9	8296.9	7575.0	6857.9	6184.1	5502.7	4881.9	4282.7	3743.3
-5°	10287.4	9601.0	8900.5	8211.6	7494.5	6789.8	6111.0	5446.6	4833.8	4228.8	3694.5
-7.5°	10091.7	9425.0	8748.7	8070.2	7370.5	6680.4	6012.7	5374.1	4766.2	4177.6	3638.8
-10°	9840.8	9201.6	8550.4	7877.9	7198.8	6524.2	5881.2	5266.4	4669.8	4097.9	3561.3
-12.5°	9532.0	8917.3	8290.6	7635.0	6982.9	6337.1	5723.4	5124.0	4546.4	3988.8	3463.0
-15°	9154.0	8574.0	7976.2	7354.2	6732.7	6122.3	5533.1	4947.4	4393.1	3851.8	3344.8
-17.5°	8737.6	8191.2	7628.9	7034.3	6449.5	5879.4	5309.3	4751.4	4217.7	3698.1	3204.7
-20°	8286.7	7771.0	7236.2	6685.5	6137.9	5601.4	5050.4	4528.8	4022.2	3525.1	3046.9



REPORT NUMBER: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7776.2	7307.9	6812.2	6303.7	5809.1	5288.4	4776.4	4285.8	3806.1	3326.1	2872.6
-25°	7243.3	6824.8	6374.0	5913.2	5441.6	4947.0	4488.3	4026.3	3566.4	3113.5	2685.1
-27.5°	6708.1	6326.3	5919.8	5489.1	5039.4	4615.1	4183.2	3743.9	3306.8	2890.2	2493.4
-30°	6165.7	5814.2	5440.5	5044.2	4651.0	4255.4	3853.6	3448.2	3042.3	2651.0	2281.4
-32.5°	5613.2	5295.9	4952.9	4605.7	4244.8	3875.0	3510.1	3140.4	2761.4	2409.1	2052.6
-35°	5065.0	4775.7	4469.4	4156.0	3822.5	3494.1	3157.3	2816.7	2484.9	2154.5	1814.0
-37.5°	4521.9	4260.2	3995.5	3708.4	3412.5	3110.7	2805.2	2505.4	2202.1	1892.6	1536.4
-40°	3999.5	3771.4	3528.0	3267.5	3007.8	2733.2	2471.5	2199.3	1915.3	1598.6	1230.8
-42.5°	3490.0	3284.1	3070.8	2851.5	2617.6	2386.3	2143.6	1884.8	1592.9	1257.7	931.4
-45°	3009.8	2839.4	2649.3	2453.0	2248.6	2031.2	1802.0	1526.1	1222.0	930.1	628.7
-47.5°	2565.3	2406.8	2237.2	2056.9	1866.4	1654.3	1398.0	1129.1	876.3	622.5	511.8
-50°	2107.0	1962.2	1809.4	1642.1	1435.4	1211.0	992.0	773.7	595.3	493.4	412.1
-52.5°	1623.3	1484.2	1329.1	1158.7	985.5	801.4	619.7	542.6	454.0	399.3	358.7
-55°	1101.7	986.2	862.9	720.3	586.9	527.4	461.3	409.3	377.2	340.4	316.1
-57.5°	657.4	577.5	530.8	479.1	422.5	391.2	368.5	342.3	320.1	298.2	277.9
-60°	441.7	400.8	384.0	365.4	344.5	324.0	310.2	293.5	273.8	258.1	242.0
-62.5°	337.4	331.0	314.4	299.1	288.0	279.5	263.3	246.1	232.8	221.1	205.3
-65°	256.5	244.1	236.2	235.7	229.4	216.8	204.3	198.2	191.3	179.9	167.8
-67.5°	204.2	198.1	192.7	185.3	179.0	172.5	169.0	162.8	154.4	144.2	137.2
-70°	170.1	166.1	161.8	156.9	152.0	146.5	140.6	133.3	124.0	114.1	108.4
-72.5°	140.9	138.4	135.1	130.9	126.1	121.3	115.4	107.9	99.1	89.0	81.1
-75°	116.5	115.3	113.3	109.4	105.0	100.0	93.9	84.8	73.4	59.6	49.9
-77.5°	89.5	89.3	88.7	85.5	82.7	80.3	75.7	62.4	49.4	38.0	32.3
-80°	56.0	58.8	60.7	58.8	56.3	53.3	48.7	39.9	32.2	25.7	21.7
-82.5°	32.5	33.4	33.7	31.7	29.7	27.9	26.0	21.7	17.8	14.4	11.6
-85°	8.9	8.6	8.4	9.0	9.6	9.9	10.1	8.8	7.7	6.8	6.1
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	1.9	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





REPORT NUMBER: P559027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-WR-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°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
85°	6.1	5.9	5.6	5.0	4.7	4.2	4.2	4.2	3.8	3.4	3.0
82.5°	11.7	11.8	11.9	11.7	11.7	11.2	10.5	9.4	7.3	5.4	4.5
80°	24.3	25.7	25.7	24.2	21.2	18.4	17.7	16.3	13.4	10.7	8.0
77.5°	37.1	40.7	42.9	42.0	37.4	33.0	28.8	24.3	19.5	15.9	12.5
75°	50.9	55.5	59.0	59.0	54.1	47.6	41.8	35.9	28.8	21.5	17.0
72.5°	77.0	75.1	75.7	76.1	71.9	65.6	57.1	47.3	39.1	30.8	22.3
70°	103.3	96.4	91.8	91.0	88.8	84.1	75.7	63.0	49.4	39.9	30.3
67.5°	130.9	124.0	115.2	107.5	104.6	100.6	94.1	79.2	63.2	49.0	38.2
65°	159.3	151.1	142.8	131.5	122.9	117.1	110.5	94.5	76.4	60.1	46.0
62.5°	190.2	176.9	166.2	154.0	142.3	133.5	126.5	109.2	89.4	70.7	54.4
60°	224.4	207.3	189.9	175.3	161.4	148.9	138.9	124.0	103.4	80.8	62.7
57.5°	258.9	238.1	216.4	197.0	180.7	165.2	150.8	136.4	117.4	93.1	70.3
55°	293.6	270.4	242.9	219.3	199.8	182.5	163.7	147.5	130.6	106.0	76.1
52.5°	327.2	300.7	271.4	242.1	218.3	198.7	177.9	158.7	140.9	118.8	84.7
50°	368.2	329.9	299.0	267.3	236.5	213.6	191.2	170.4	151.1	130.5	92.8
47.5°	415.6	367.1	326.3	291.8	258.6	228.3	204.5	181.6	161.3	139.7	99.8
45°	510.1	409.5	358.3	317.1	279.4	245.9	217.7	191.9	170.5	143.6	105.8
42.5°	618.2	488.6	395.8	342.1	301.9	263.6	230.6	203.3	179.0	146.2	109.1
40°	878.2	587.3	446.5	375.4	324.4	280.2	245.3	214.7	186.2	147.7	110.3
37.5°	1145.3	770.5	535.5	407.8	348.4	300.3	259.1	225.6	189.3	149.3	110.7
35°	1416.3	1010.0	622.7	466.3	377.2	319.9	271.7	236.5	196.3	150.8	110.1
32.5°	1673.6	1241.2	822.7	543.7	404.8	338.8	286.5	247.3	205.1	152.4	108.6
30°	1894.2	1465.9	1020.9	617.5	443.3	362.2	302.9	257.6	215.6	153.8	107.0
27.5°	2095.0	1675.7	1207.2	760.7	507.1	384.8	318.4	267.2	227.7	157.6	107.4
25°	2279.6	1854.7	1387.0	917.7	566.9	406.3	332.4	276.4	237.3	165.8	107.4
22.5°	2442.7	2013.9	1551.6	1060.7	620.8	427.2	347.6	288.0	244.5	174.4	107.2
20°	2589.2	2158.7	1701.1	1192.7	709.6	471.9	363.9	298.4	251.2	183.3	106.6
17.5°	2720.9	2284.5	1826.8	1318.0	815.6	511.4	378.8	307.5	257.1	192.2	105.6
15°	2849.4	2391.5	1933.5	1428.8	909.0	545.6	392.1	315.2	262.3	200.9	105.0
12.5°	2957.4	2482.9	2023.5	1524.6	989.3	574.5	403.9	321.7	266.8	208.6	104.3
10°	3044.1	2558.4	2096.7	1604.7	1056.1	598.1	413.9	326.5	270.3	215.0	102.3
7.5°	3109.5	2617.4	2153.2	1668.7	1108.9	617.5	420.3	329.3	273.1	220.1	99.0
5°	3156.6	2662.0	2194.3	1715.9	1147.1	633.4	424.4	330.7	275.1	223.8	94.8
2.5°	3195.6	2693.2	2220.1	1746.2	1170.4	644.3	426.3	330.9	276.4	225.6	89.9
0°	3214.8	2707.4	2229.9	1759.1	1178.8	649.9	426.1	329.9	276.9	225.5	84.6
-2.5°	3195.6	2693.2	2220.1	1746.2	1170.4	644.3	426.3	330.9	276.4	225.6	89.9
-5°	3156.6	2662.0	2194.3	1715.9	1147.1	633.4	424.4	330.7	275.1	223.8	94.8
-7.5°	3109.5	2617.4	2153.2	1668.7	1108.9	617.5	420.3	329.3	273.1	220.1	99.0
-10°	3044.1	2558.4	2096.7	1604.7	1056.1	598.1	413.9	326.5	270.3	215.0	102.3
-12.5°	2957.4	2482.9	2023.5	1524.6	989.3	574.5	403.9	321.7	266.8	208.6	104.3
-15°	2849.4	2391.5	1933.5	1428.8	909.0	545.6	392.1	315.2	262.3	200.9	105.0
-17.5°	2720.9	2284.5	1826.8	1318.0	815.6	511.4	378.8	307.5	257.1	192.2	105.6
-20°	2589.2	2158.7	1701.1	1192.7	709.6	471.9	363.9	298.4	251.2	183.3	106.6



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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°	2442.7	2013.9	1551.6	1060.7	620.8	427.2	347.6	288.0	244.5	174.4	107.2
-25°	2279.6	1854.7	1387.0	917.7	566.9	406.3	332.4	276.4	237.3	165.8	107.4
-27.5°	2095.0	1675.7	1207.2	760.7	507.1	384.8	318.4	267.2	227.7	157.6	107.4
-30°	1894.2	1465.9	1020.9	617.5	443.3	362.2	302.9	257.6	215.6	153.8	107.0
-32.5°	1673.6	1241.2	822.7	543.7	404.8	338.8	286.5	247.3	205.1	152.4	108.6
-35°	1416.3	1010.0	622.7	466.3	377.2	319.9	271.7	236.5	196.3	150.8	110.1
-37.5°	1145.3	770.5	535.5	407.8	348.4	300.3	259.1	225.6	189.3	149.3	110.7
-40°	878.2	587.3	446.5	375.4	324.4	280.2	245.3	214.7	186.2	147.7	110.3
-42.5°	618.2	488.6	395.8	342.1	301.9	263.6	230.6	203.3	179.0	146.2	109.1
-45°	510.1	409.5	358.3	317.1	279.4	245.9	217.7	191.9	170.5	143.6	105.8
-47.5°	415.6	367.1	326.3	291.8	258.6	228.3	204.5	181.6	161.3	139.7	99.8
-50°	368.2	329.9	299.0	267.3	236.5	213.6	191.2	170.4	151.1	130.5	92.8
-52.5°	327.2	300.7	271.4	242.1	218.3	198.7	177.9	158.7	140.9	118.8	84.7
-55°	293.6	270.4	242.9	219.3	199.8	182.5	163.7	147.5	130.6	106.0	76.1
-57.5°	258.9	238.1	216.4	197.0	180.7	165.2	150.8	136.4	117.4	93.1	70.3
-60°	224.4	207.3	189.9	175.3	161.4	148.9	138.9	124.0	103.4	80.8	62.7
-62.5°	190.2	176.9	166.2	154.0	142.3	133.5	126.5	109.2	89.4	70.7	54.4
-65°	159.3	151.1	142.8	131.5	122.9	117.1	110.5	94.5	76.4	60.1	46.0
-67.5°	130.9	124.0	115.2	107.5	104.6	100.6	94.1	79.2	63.2	49.0	38.2
-70°	103.3	96.4	91.8	91.0	88.8	84.1	75.7	63.0	49.4	39.9	30.3
-72.5°	77.0	75.1	75.7	76.1	71.9	65.6	57.1	47.3	39.1	30.8	22.3
-75°	50.9	55.5	59.0	59.0	54.1	47.6	41.8	35.9	28.8	21.5	17.0
-77.5°	37.1	40.7	42.9	42.0	37.4	33.0	28.8	24.3	19.5	15.9	12.5
-80°	24.3	25.7	25.7	24.2	21.2	18.4	17.7	16.3	13.4	10.7	8.0
-82.5°	11.7	11.8	11.9	11.7	11.7	11.2	10.5	9.4	7.3	5.4	4.5
-85°	6.1	5.9	5.6	5.0	4.7	4.2	4.2	4.2	3.8	3.4	3.0
-87.5°	2.2	2.1	2.0	1.9	2.0	2.1	2.1	2.1	1.9	1.7	1.5
-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):**

	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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
80°	5.4	4.3	3.5	2.6	1.7	0.9	0.0
77.5°	9.2	5.9	4.3	3.2	2.2	1.1	0.0
75°	12.8	8.6	5.3	3.9	2.6	1.3	0.0
72.5°	16.3	11.1	7.0	4.5	3.0	1.5	0.0
70°	20.0	13.5	8.7	5.2	3.4	1.7	0.0
67.5°	26.1	15.9	10.3	6.2	3.8	1.9	0.0
65°	31.8	19.0	11.8	7.1	4.2	2.1	0.0
62.5°	37.2	22.7	13.3	8.0	4.6	2.3	0.0
60°	42.0	26.2	14.6	8.9	5.0	2.5	0.0
57.5°	46.9	29.3	16.6	9.7	5.5	2.7	0.0
55°	51.3	32.0	18.5	10.4	6.0	2.9	0.0
52.5°	55.0	34.5	20.1	11.1	6.4	3.0	0.0
50°	58.1	36.8	21.5	11.7	6.9	3.2	0.0
47.5°	61.0	38.6	22.7	12.3	7.3	3.4	0.0
45°	66.0	40.0	23.6	12.9	7.7	3.5	0.0
42.5°	70.1	40.9	24.3	13.4	8.1	3.7	0.0
40°	73.4	41.4	24.7	14.1	8.5	3.8	0.0
37.5°	75.9	41.4	24.9	14.7	8.9	4.0	0.0
35°	77.5	42.3	24.8	15.4	9.2	4.1	0.0
32.5°	77.8	43.4	24.5	16.0	9.5	4.2	0.0
30°	76.4	44.0	23.9	16.5	9.8	4.3	0.0
27.5°	74.3	44.0	24.5	17.1	10.1	4.4	0.0
25°	71.6	43.5	25.2	17.6	10.4	4.5	0.0
22.5°	68.3	43.5	25.9	18.0	10.6	4.6	0.0
20°	64.6	45.5	26.6	18.4	10.8	4.7	0.0
17.5°	63.9	47.3	27.2	18.7	11.0	4.8	0.0
15°	65.1	48.9	27.7	19.0	11.1	4.8	0.0
12.5°	66.3	50.2	28.2	19.3	11.3	4.9	0.0
10°	67.3	51.2	28.7	19.5	11.4	4.9	0.0
7.5°	68.1	52.1	29.1	19.7	11.5	5.0	0.0
5°	68.8	52.6	29.4	19.8	11.5	5.0	0.0
2.5°	69.3	53.0	29.6	19.9	11.6	5.0	0.0
0°	69.6	53.1	29.8	19.9	11.6	5.0	0.0
-2.5°	69.3	53.0	29.6	19.9	11.6	5.0	0.0
-5°	68.8	52.6	29.4	19.8	11.5	5.0	0.0
-7.5°	68.1	52.1	29.1	19.7	11.5	5.0	0.0
-10°	67.3	51.2	28.7	19.5	11.4	4.9	0.0
-12.5°	66.3	50.2	28.2	19.3	11.3	4.9	0.0
-15°	65.1	48.9	27.7	19.0	11.1	4.8	0.0
-17.5°	63.9	47.3	27.2	18.7	11.0	4.8	0.0
-20°	64.6	45.5	26.6	18.4	10.8	4.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	68.3	43.5	25.9	18.0	10.6	4.6	0.0
-25°	71.6	43.5	25.2	17.6	10.4	4.5	0.0
-27.5°	74.3	44.0	24.5	17.1	10.1	4.4	0.0
-30°	76.4	44.0	23.9	16.5	9.8	4.3	0.0
-32.5°	77.8	43.4	24.5	16.0	9.5	4.2	0.0
-35°	77.5	42.3	24.8	15.4	9.2	4.1	0.0
-37.5°	75.9	41.4	24.9	14.7	8.9	4.0	0.0
-40°	73.4	41.4	24.7	14.1	8.5	3.8	0.0
-42.5°	70.1	40.9	24.3	13.4	8.1	3.7	0.0
-45°	66.0	40.0	23.6	12.9	7.7	3.5	0.0
-47.5°	61.0	38.6	22.7	12.3	7.3	3.4	0.0
-50°	58.1	36.8	21.5	11.7	6.9	3.2	0.0
-52.5°	55.0	34.5	20.1	11.1	6.4	3.0	0.0
-55°	51.3	32.0	18.5	10.4	6.0	2.9	0.0
-57.5°	46.9	29.3	16.6	9.7	5.5	2.7	0.0
-60°	42.0	26.2	14.6	8.9	5.0	2.5	0.0
-62.5°	37.2	22.7	13.3	8.0	4.6	2.3	0.0
-65°	31.8	19.0	11.8	7.1	4.2	2.1	0.0
-67.5°	26.1	15.9	10.3	6.2	3.8	1.9	0.0
-70°	20.0	13.5	8.7	5.2	3.4	1.7	0.0
-72.5°	16.3	11.1	7.0	4.5	3.0	1.5	0.0
-75°	12.8	8.6	5.3	3.9	2.6	1.3	0.0
-77.5°	9.2	5.9	4.3	3.2	2.2	1.1	0.0
-80°	5.4	4.3	3.5	2.6	1.7	0.9	0.0
-82.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)