

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: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-940-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559035 (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-940-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (80) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

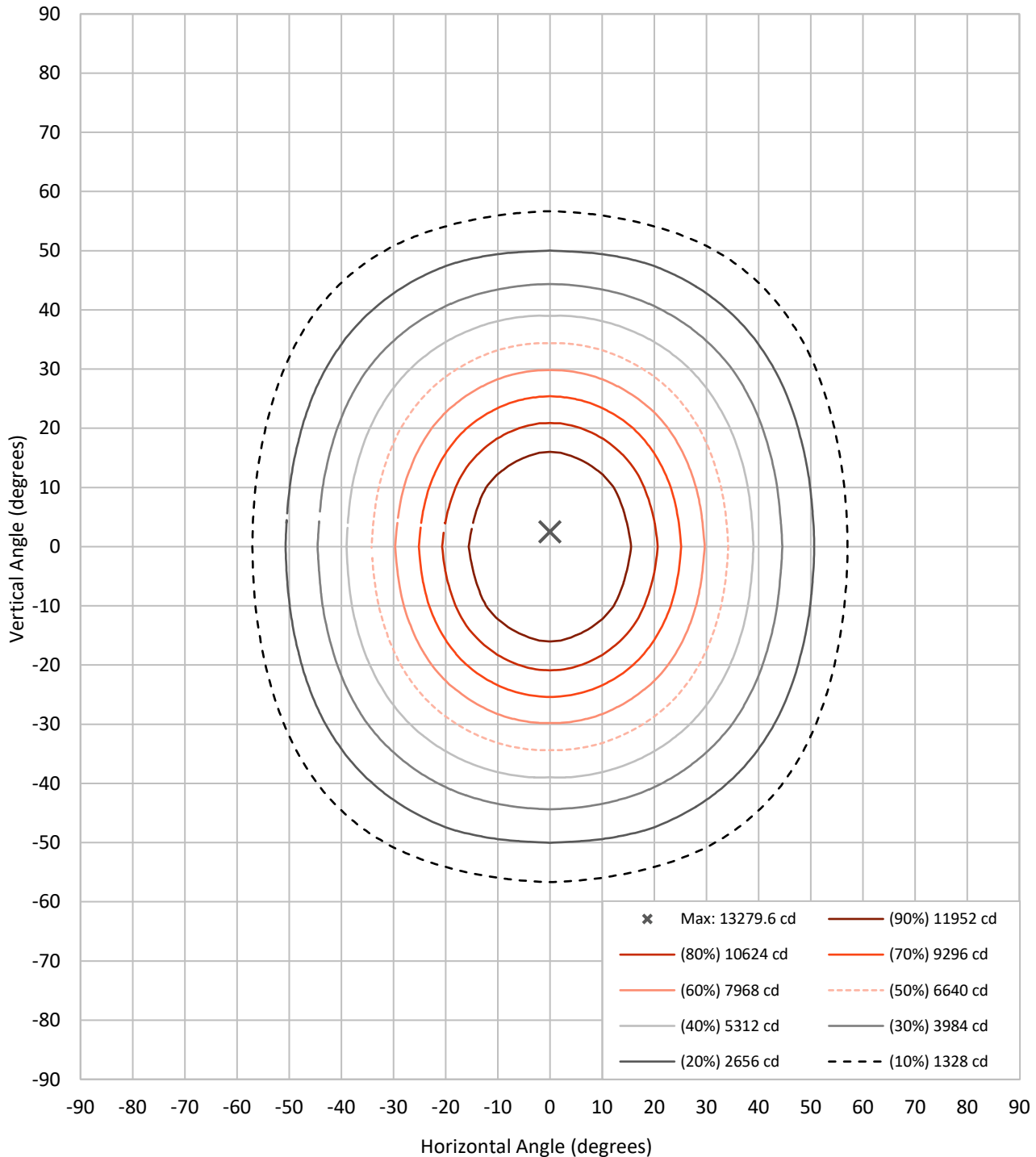
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	17972.7 lumens	Max Intensity:	13279.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	116.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	10775.9 lumens	Field Lumens:	17168.7 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 154  
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





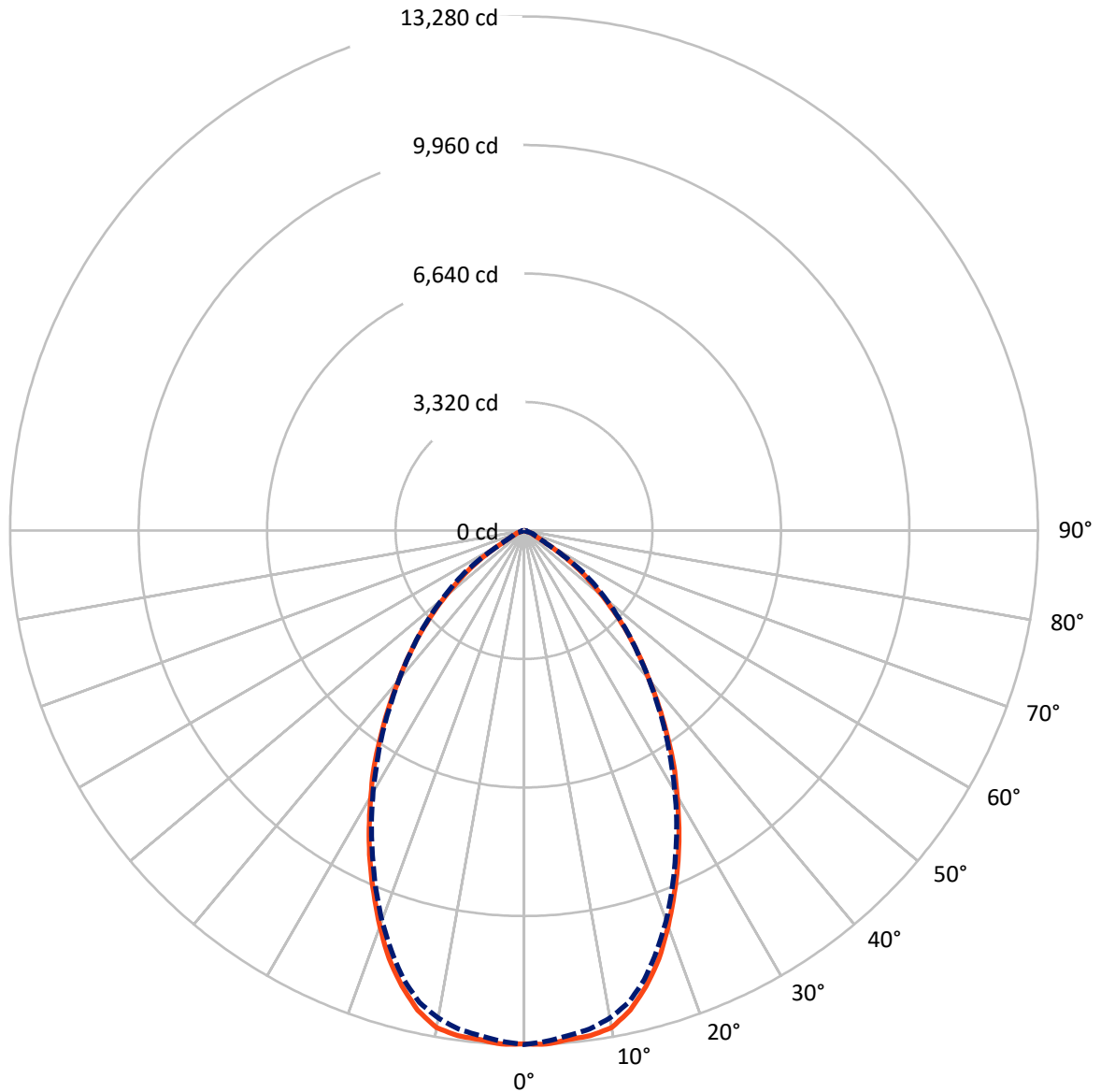
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### Lumen Table

90															90				
80	0.2	1.7		4.3		7.5		5.3		7.5		4.3		1.7		0.2			
70															70				
60	0.8	1.2	2.4	3.8	5.5	7.2	8.9	10.0	10.0	8.9	7.2	5.5	3.8	2.4	1.2	0.8			
50		2.0	4.0	7.2	14.0	27.0	40.5	48.5	48.5	40.5	27.0	14.0	7.2	4.0	2.0				
40	1.4	2.6	5.9	17.2	45.3	75.3	100.2	114.2	114.2	100.2	75.3	45.3	17.2	5.9	2.6	1.4			
30		3.2	10.1	39.7	81.3	127.0	168.3	193.0	193.0	168.3	127.0	81.3	39.7	10.1	3.2				
20	1.5	3.8	18.4	60.0	115.4	180.6	241.4	279.6	279.6	241.4	180.6	115.4	60.0	18.4	3.8	1.5			
10		4.5	26.3	74.7	142.2	225.6	307.3	359.0	359.0	307.3	225.6	142.2	74.7	26.3	4.5				
0	1.6	4.9	30.6	82.6	157.3	252.1	345.2	394.6	394.6	345.2	252.1	157.3	82.6	30.6	4.9	1.6			
-10		4.9	30.6	82.6	157.3	252.1	345.2	394.6	394.6	345.2	252.1	157.3	82.6	30.6	4.9				
-20	1.5	4.5	26.3	74.7	142.2	225.6	307.3	359.0	359.0	307.3	225.6	142.2	74.7	26.3	4.5	1.5			
-30		3.8	18.4	60.0	115.4	180.6	241.4	279.6	279.6	241.4	180.6	115.4	60.0	18.4	3.8				
-40	1.4	3.2	10.1	39.7	81.3	127.0	168.3	193.0	193.0	168.3	127.0	81.3	39.7	10.1	3.2	1.4			
-50		2.6	5.9	17.2	45.3	75.3	100.2	114.2	114.2	100.2	75.3	45.3	17.2	5.9	2.6				
-60	0.8	2.0	4.0	7.2	14.0	27.0	40.5	48.5	48.5	40.5	27.0	14.0	7.2	4.0	2.0	0.8			
-70		1.2	2.4	3.8	5.5	7.2	8.9	10.0	10.0	8.9	7.2	5.5	3.8	2.4	1.2				
-80															-80				
-90	0.2	1.7		4.3		7.5		5.3		7.5		4.3		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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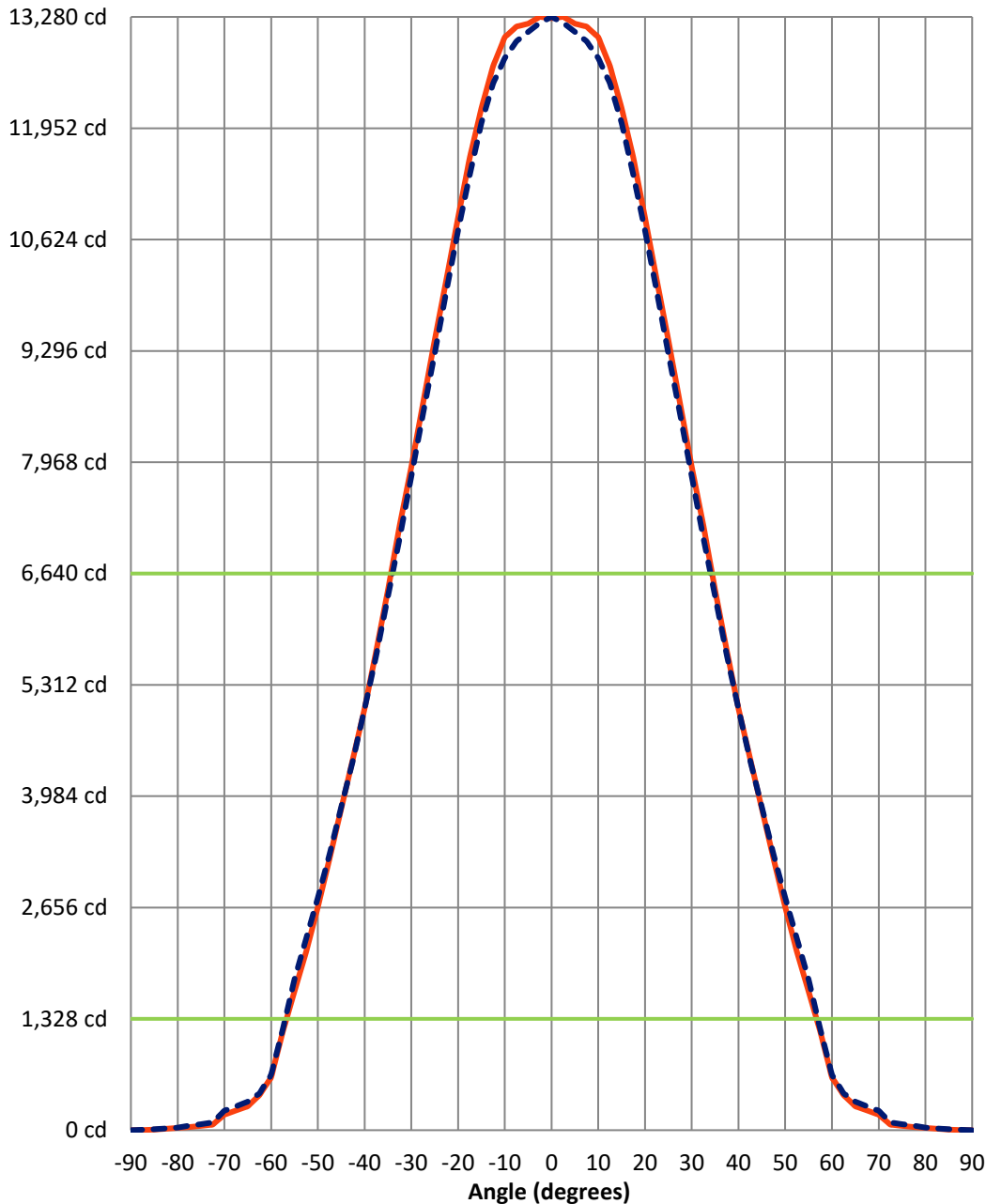
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 10775.9  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 17168.7  
Efficiency: 95.5%

**Spill:**  
Lumens: 803.9  
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	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.5	7.5	9.6
80°	0.0	0.9	1.8	2.6	3.5	4.4	5.6	8.2	11.0	13.8	16.7
77.5°	0.0	1.1	2.2	3.3	4.4	6.1	9.4	12.9	16.4	20.0	25.0
75°	0.0	1.3	2.6	3.9	5.4	8.8	13.1	17.5	22.2	29.6	36.9
72.5°	0.0	1.5	3.1	4.6	7.2	11.4	16.7	23.0	31.7	40.3	48.7
70°	0.0	1.7	3.5	5.3	8.9	13.9	20.6	31.2	41.1	50.9	64.9
67.5°	0.0	2.0	3.9	6.3	10.6	16.3	26.9	39.4	50.4	65.1	81.5
65°	0.0	2.2	4.3	7.3	12.1	19.5	32.8	47.4	61.8	78.7	97.4
62.5°	0.0	2.4	4.7	8.2	13.6	23.4	38.2	56.0	72.8	92.1	112.5
60°	0.0	2.5	5.1	9.1	15.0	26.9	43.2	64.6	83.1	106.5	127.7
57.5°	0.0	2.7	5.6	9.9	17.1	30.1	48.3	72.3	95.8	120.9	140.4
55°	0.0	2.9	6.1	10.7	19.0	33.0	52.7	78.3	109.1	134.5	151.9
52.5°	0.0	3.1	6.6	11.4	20.7	35.5	56.6	87.2	122.3	145.1	163.4
50°	0.0	3.3	7.0	12.0	22.2	37.8	59.8	95.5	134.3	155.6	175.5
47.5°	0.0	3.4	7.5	12.6	23.4	39.7	62.8	102.7	143.7	166.1	186.9
45°	0.0	3.6	7.9	13.3	24.3	41.1	67.9	108.8	147.8	175.5	197.6
42.5°	0.0	3.8	8.3	13.8	25.0	42.1	72.1	112.2	150.5	184.3	209.4
40°	0.0	3.9	8.7	14.4	25.4	42.5	75.5	113.6	152.1	191.7	221.0
37.5°	0.0	4.0	9.1	15.1	25.6	42.5	78.0	113.9	153.7	194.9	232.3
35°	0.0	4.2	9.4	15.8	25.6	43.5	79.7	113.3	155.3	202.1	243.5
32.5°	0.0	4.3	9.8	16.4	25.2	44.7	80.1	111.8	156.9	211.2	254.7
30°	0.0	4.4	10.1	17.0	24.6	45.3	78.6	110.2	158.4	222.0	265.3
27.5°	0.0	4.5	10.4	17.6	25.2	45.3	76.4	110.5	162.3	234.5	275.2
25°	0.0	4.6	10.6	18.1	25.9	44.7	73.7	110.6	170.7	244.3	284.6
22.5°	0.0	4.7	10.9	18.5	26.7	44.7	70.3	110.3	179.5	251.8	296.6
20°	0.0	4.8	11.1	18.9	27.3	46.8	66.4	109.7	188.7	258.6	307.2
17.5°	0.0	4.9	11.3	19.3	28.0	48.7	65.7	108.7	197.9	264.7	316.6
15°	0.0	4.9	11.4	19.6	28.5	50.3	67.1	108.1	206.9	270.1	324.5
12.5°	0.0	5.0	11.6	19.9	29.1	51.6	68.2	107.4	214.8	274.7	331.2
10°	0.0	5.0	11.7	20.1	29.5	52.7	69.3	105.3	221.4	278.3	336.1
7.5°	0.0	5.1	11.8	20.3	29.9	53.5	70.2	101.9	226.7	281.1	339.0
5°	0.0	5.1	11.8	20.4	30.2	54.1	70.9	97.6	230.4	283.3	340.5
2.5°	0.0	5.1	11.9	20.5	30.5	54.5	71.4	92.6	232.3	284.6	340.7
0°	0.0	5.1	11.9	20.5	30.7	54.6	71.7	87.1	232.2	285.1	339.7
-2.5°	0.0	5.1	11.9	20.5	30.5	54.5	71.4	92.6	232.3	284.6	340.7
-5°	0.0	5.1	11.8	20.4	30.2	54.1	70.9	97.6	230.4	283.3	340.5
-7.5°	0.0	5.1	11.8	20.3	29.9	53.5	70.2	101.9	226.7	281.1	339.0
-10°	0.0	5.0	11.7	20.1	29.5	52.7	69.3	105.3	221.4	278.3	336.1
-12.5°	0.0	5.0	11.6	19.9	29.1	51.6	68.2	107.4	214.8	274.7	331.2
-15°	0.0	4.9	11.4	19.6	28.5	50.3	67.1	108.1	206.9	270.1	324.5
-17.5°	0.0	4.9	11.3	19.3	28.0	48.7	65.7	108.7	197.9	264.7	316.6
-20°	0.0	4.8	11.1	18.9	27.3	46.8	66.4	109.7	188.7	258.6	307.2



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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	4.7	10.9	18.5	26.7	44.7	70.3	110.3	179.5	251.8	296.6
-25°	0.0	4.6	10.6	18.1	25.9	44.7	73.7	110.6	170.7	244.3	284.6
-27.5°	0.0	4.5	10.4	17.6	25.2	45.3	76.4	110.5	162.3	234.5	275.2
-30°	0.0	4.4	10.1	17.0	24.6	45.3	78.6	110.2	158.4	222.0	265.3
-32.5°	0.0	4.3	9.8	16.4	25.2	44.7	80.1	111.8	156.9	211.2	254.7
-35°	0.0	4.2	9.4	15.8	25.6	43.5	79.7	113.3	155.3	202.1	243.5
-37.5°	0.0	4.0	9.1	15.1	25.6	42.5	78.0	113.9	153.7	194.9	232.3
-40°	0.0	3.9	8.7	14.4	25.4	42.5	75.5	113.6	152.1	191.7	221.0
-42.5°	0.0	3.8	8.3	13.8	25.0	42.1	72.1	112.2	150.5	184.3	209.4
-45°	0.0	3.6	7.9	13.3	24.3	41.1	67.9	108.8	147.8	175.5	197.6
-47.5°	0.0	3.4	7.5	12.6	23.4	39.7	62.8	102.7	143.7	166.1	186.9
-50°	0.0	3.3	7.0	12.0	22.2	37.8	59.8	95.5	134.3	155.6	175.5
-52.5°	0.0	3.1	6.6	11.4	20.7	35.5	56.6	87.2	122.3	145.1	163.4
-55°	0.0	2.9	6.1	10.7	19.0	33.0	52.7	78.3	109.1	134.5	151.9
-57.5°	0.0	2.7	5.6	9.9	17.1	30.1	48.3	72.3	95.8	120.9	140.4
-60°	0.0	2.5	5.1	9.1	15.0	26.9	43.2	64.6	83.1	106.5	127.7
-62.5°	0.0	2.4	4.7	8.2	13.6	23.4	38.2	56.0	72.8	92.1	112.5
-65°	0.0	2.2	4.3	7.3	12.1	19.5	32.8	47.4	61.8	78.7	97.4
-67.5°	0.0	2.0	3.9	6.3	10.6	16.3	26.9	39.4	50.4	65.1	81.5
-70°	0.0	1.7	3.5	5.3	8.9	13.9	20.6	31.2	41.1	50.9	64.9
-72.5°	0.0	1.5	3.1	4.6	7.2	11.4	16.7	23.0	31.7	40.3	48.7
-75°	0.0	1.3	2.6	3.9	5.4	8.8	13.1	17.5	22.2	29.6	36.9
-77.5°	0.0	1.1	2.2	3.3	4.4	6.1	9.4	12.9	16.4	20.0	25.0
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.6	8.2	11.0	13.8	16.7
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.5	7.5	9.6
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.1	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	1.7
85°	4.3	4.3	4.8	5.2	5.7	6.1	6.3	6.2	7.0	8.0	9.1
82.5°	10.8	11.6	12.0	12.1	12.3	12.2	12.1	12.0	14.8	18.4	22.4
80°	18.2	18.9	21.8	24.9	26.5	26.5	25.1	22.4	26.5	33.1	41.1
77.5°	29.6	34.0	38.6	43.3	44.2	41.9	38.3	33.2	39.1	50.9	64.2
75°	43.1	49.0	55.7	60.7	60.8	57.2	52.4	51.4	61.4	75.6	87.3
72.5°	58.9	67.6	74.0	78.3	78.0	77.4	79.3	83.5	91.6	102.0	111.1
70°	78.0	86.7	91.5	93.7	94.5	99.3	106.3	111.7	117.5	127.7	137.2
67.5°	96.9	103.6	107.8	110.7	118.6	127.7	134.8	141.3	148.4	159.0	167.7
65°	113.8	120.6	126.5	135.4	147.0	155.6	164.0	172.8	185.2	197.0	204.1
62.5°	130.3	137.5	146.6	158.6	171.2	182.2	195.9	211.4	227.6	239.7	253.5
60°	143.1	153.4	166.2	180.5	195.5	213.4	231.0	249.2	265.8	281.9	302.2
57.5°	155.3	170.1	186.1	202.9	222.8	245.1	266.6	286.2	307.1	329.5	352.5
55°	168.6	187.9	205.7	225.8	250.1	278.4	302.3	325.5	350.5	388.3	421.4
52.5°	183.1	204.6	224.8	249.3	279.4	309.7	336.9	369.4	411.1	467.4	558.6
50°	196.9	220.0	243.5	275.2	307.8	339.7	379.1	424.3	508.0	612.9	796.6
47.5°	210.6	235.1	266.2	300.5	336.0	378.0	427.9	526.9	641.0	902.2	1162.6
45°	224.2	253.2	287.7	326.6	368.9	421.7	525.2	647.3	957.7	1258.3	1571.3
42.5°	237.5	271.5	310.9	352.3	407.6	503.0	636.5	959.0	1295.0	1640.2	1940.7
40°	252.5	288.5	334.1	386.6	459.7	604.7	904.2	1267.3	1646.0	1972.1	2264.5
37.5°	266.8	309.3	358.8	419.9	551.3	793.3	1179.2	1582.0	1948.7	2267.3	2579.7
35°	279.7	329.4	388.4	480.1	641.1	1039.9	1458.2	1867.8	2218.4	2558.6	2900.2
32.5°	295.0	348.9	416.8	559.8	847.1	1278.0	1723.1	2113.4	2480.5	2843.3	3233.5
30°	311.9	373.0	456.5	635.8	1051.1	1509.3	1950.3	2349.0	2729.6	3132.5	3550.5
27.5°	327.8	396.2	522.1	783.2	1243.0	1725.3	2157.0	2567.3	2975.8	3404.9	3854.9
25°	342.3	418.3	583.7	944.9	1428.2	1909.6	2347.2	2764.7	3205.8	3672.2	4145.7
22.5°	357.9	439.8	639.2	1092.1	1597.6	2073.6	2515.1	2957.8	3424.7	3919.0	4412.9
20°	374.6	485.8	730.6	1228.1	1751.5	2222.7	2665.9	3137.2	3629.6	4141.5	4663.1
17.5°	390.0	526.5	839.8	1357.1	1880.9	2352.3	2801.5	3299.8	3807.7	4342.8	4892.3
15°	403.7	561.7	935.9	1471.2	1990.8	2462.3	2933.8	3444.0	3966.0	4523.3	5094.1
12.5°	415.8	591.5	1018.6	1569.8	2083.4	2556.5	3045.1	3565.6	4107.1	4681.2	5275.9
10°	426.1	615.8	1087.4	1652.3	2158.8	2634.2	3134.4	3666.9	4219.4	4808.3	5422.5
7.5°	432.7	635.8	1141.8	1718.1	2217.0	2695.0	3201.7	3746.7	4301.5	4907.5	5533.5
5°	436.9	652.1	1181.1	1766.8	2259.4	2740.8	3250.2	3804.0	4354.2	4977.1	5608.0
2.5°	438.9	663.4	1205.0	1798.0	2285.9	2773.0	3290.3	3854.2	4409.7	5026.7	5665.8
0°	438.7	669.2	1213.7	1811.2	2296.1	2787.7	3310.1	3880.2	4445.3	5047.9	5705.1
-2.5°	438.9	663.4	1205.0	1798.0	2285.9	2773.0	3290.3	3854.2	4409.7	5026.7	5665.8
-5°	436.9	652.1	1181.1	1766.8	2259.4	2740.8	3250.2	3804.0	4354.2	4977.1	5608.0
-7.5°	432.7	635.8	1141.8	1718.1	2217.0	2695.0	3201.7	3746.7	4301.5	4907.5	5533.5
-10°	426.1	615.8	1087.4	1652.3	2158.8	2634.2	3134.4	3666.9	4219.4	4808.3	5422.5
-12.5°	415.8	591.5	1018.6	1569.8	2083.4	2556.5	3045.1	3565.6	4107.1	4681.2	5275.9
-15°	403.7	561.7	935.9	1471.2	1990.8	2462.3	2933.8	3444.0	3966.0	4523.3	5094.1
-17.5°	390.0	526.5	839.8	1357.1	1880.9	2352.3	2801.5	3299.8	3807.7	4342.8	4892.3
-20°	374.6	485.8	730.6	1228.1	1751.5	2222.7	2665.9	3137.2	3629.6	4141.5	4663.1



REPORT NUMBER: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	357.9	439.8	639.2	1092.1	1597.6	2073.6	2515.1	2957.8	3424.7	3919.0	4412.9
-25°	342.3	418.3	583.7	944.9	1428.2	1909.6	2347.2	2764.7	3205.8	3672.2	4145.7
-27.5°	327.8	396.2	522.1	783.2	1243.0	1725.3	2157.0	2567.3	2975.8	3404.9	3854.9
-30°	311.9	373.0	456.5	635.8	1051.1	1509.3	1950.3	2349.0	2729.6	3132.5	3550.5
-32.5°	295.0	348.9	416.8	559.8	847.1	1278.0	1723.1	2113.4	2480.5	2843.3	3233.5
-35°	279.7	329.4	388.4	480.1	641.1	1039.9	1458.2	1867.8	2218.4	2558.6	2900.2
-37.5°	266.8	309.3	358.8	419.9	551.3	793.3	1179.2	1582.0	1948.7	2267.3	2579.7
-40°	252.5	288.5	334.1	386.6	459.7	604.7	904.2	1267.3	1646.0	1972.1	2264.5
-42.5°	237.5	271.5	310.9	352.3	407.6	503.0	636.5	959.0	1295.0	1640.2	1940.7
-45°	224.2	253.2	287.7	326.6	368.9	421.7	525.2	647.3	957.7	1258.3	1571.3
-47.5°	210.6	235.1	266.2	300.5	336.0	378.0	427.9	526.9	641.0	902.2	1162.6
-50°	196.9	220.0	243.5	275.2	307.8	339.7	379.1	424.3	508.0	612.9	796.6
-52.5°	183.1	204.6	224.8	249.3	279.4	309.7	336.9	369.4	411.1	467.4	558.6
-55°	168.6	187.9	205.7	225.8	250.1	278.4	302.3	325.5	350.5	388.3	421.4
-57.5°	155.3	170.1	186.1	202.9	222.8	245.1	266.6	286.2	307.1	329.5	352.5
-60°	143.1	153.4	166.2	180.5	195.5	213.4	231.0	249.2	265.8	281.9	302.2
-62.5°	130.3	137.5	146.6	158.6	171.2	182.2	195.9	211.4	227.6	239.7	253.5
-65°	113.8	120.6	126.5	135.4	147.0	155.6	164.0	172.8	185.2	197.0	204.1
-67.5°	96.9	103.6	107.8	110.7	118.6	127.7	134.8	141.3	148.4	159.0	167.7
-70°	78.0	86.7	91.5	93.7	94.5	99.3	106.3	111.7	117.5	127.7	137.2
-72.5°	58.9	67.6	74.0	78.3	78.0	77.4	79.3	83.5	91.6	102.0	111.1
-75°	43.1	49.0	55.7	60.7	60.8	57.2	52.4	51.4	61.4	75.6	87.3
-77.5°	29.6	34.0	38.6	43.3	44.2	41.9	38.3	33.2	39.1	50.9	64.2
-80°	18.2	18.9	21.8	24.9	26.5	26.5	25.1	22.4	26.5	33.1	41.1
-82.5°	10.8	11.6	12.0	12.1	12.3	12.2	12.1	12.0	14.8	18.4	22.4
-85°	4.3	4.3	4.8	5.2	5.7	6.1	6.3	6.2	7.0	8.0	9.1
-87.5°	2.2	2.1	2.1	2.0	2.1	2.2	2.3	2.4	2.2	2.0	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: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	10.4	10.2	9.9	9.3	8.6	8.9	9.2	9.4	9.6	9.0	8.3
82.5°	26.8	28.8	30.6	32.6	34.7	34.4	33.4	32.0	30.3	27.0	23.3
80°	50.2	54.9	58.0	60.5	62.5	60.6	57.6	54.3	50.5	44.8	38.7
77.5°	77.9	82.6	85.1	88.0	91.2	91.9	92.1	92.4	92.7	82.3	69.0
75°	96.7	102.9	108.1	112.6	116.6	118.6	119.9	121.2	122.4	108.6	90.4
72.5°	118.9	124.9	129.8	134.8	139.1	142.5	145.0	147.1	148.8	137.6	121.7
70°	144.8	150.9	156.5	161.6	166.6	171.1	175.1	178.9	182.3	183.0	183.8
67.5°	174.1	177.7	184.4	190.8	198.5	204.1	210.3	216.2	221.6	226.2	230.0
65°	210.4	223.3	236.3	242.7	243.2	251.4	264.1	271.2	273.3	274.9	278.9
62.5°	271.2	287.8	296.6	308.0	323.7	340.8	347.4	356.7	368.2	381.2	392.9
60°	319.5	333.6	354.8	376.2	395.3	412.7	454.7	492.1	524.1	551.7	578.3
57.5°	379.4	402.8	435.1	493.3	546.5	594.6	676.9	777.3	866.9	945.2	1014.0
55°	475.0	543.1	604.3	741.7	888.5	1015.5	1134.5	1261.7	1365.2	1446.1	1521.0
52.5°	638.0	825.1	1014.8	1193.1	1368.5	1528.2	1671.5	1784.2	1872.2	1938.2	2000.8
50°	1021.4	1246.9	1477.9	1690.7	1863.0	2020.4	2169.5	2281.3	2374.9	2455.4	2526.7
47.5°	1439.5	1703.4	1921.7	2117.9	2303.6	2478.2	2641.3	2777.4	2892.7	2999.0	3087.5
45°	1855.4	2091.5	2315.4	2525.8	2727.9	2923.6	3099.1	3253.8	3406.4	3532.4	3632.1
42.5°	2207.2	2457.1	2695.2	2936.1	3162.0	3381.5	3593.5	3781.7	3943.8	4081.5	4192.4
40°	2544.8	2814.2	3097.0	3364.4	3632.7	3883.2	4118.0	4333.0	4517.5	4680.6	4818.6
37.5°	2888.3	3203.0	3513.7	3818.4	4114.0	4386.5	4656.0	4904.0	5120.2	5311.0	5471.2
35°	3250.9	3597.7	3935.8	4279.2	4601.9	4917.3	5215.2	5488.1	5727.6	5952.4	6145.6
32.5°	3614.2	3989.9	4370.7	4742.2	5099.7	5452.9	5779.6	6087.3	6370.4	6619.2	6825.6
30°	3967.9	4381.6	4788.9	5193.7	5601.8	5986.5	6348.5	6686.4	6993.6	7264.7	7499.0
27.5°	4307.3	4752.0	5188.9	5651.9	6095.3	6513.9	6907.0	7270.4	7613.3	7921.5	8187.5
25°	4621.3	5093.8	5602.9	6088.5	6563.0	7027.2	7458.1	7852.8	8244.7	8583.8	8872.7
22.5°	4918.1	5445.2	5981.3	6490.6	7014.2	7524.6	8006.8	8464.2	8882.9	9238.2	9546.2
20°	5200.2	5767.5	6319.9	6883.8	7450.7	8001.4	8532.4	9021.3	9463.6	9850.9	10198.2
17.5°	5466.7	6053.7	6640.8	7242.9	7855.1	8434.1	8996.7	9528.5	10011.4	10441.0	10832.6
15°	5697.2	6303.8	6932.4	7572.3	8212.7	8828.3	9425.4	10004.8	10548.0	11015.7	11410.6
12.5°	5893.1	6525.0	7190.0	7861.3	8536.4	9181.7	9814.6	10434.5	11012.0	11514.7	11920.2
10°	6055.6	6717.6	7412.2	8111.5	8803.9	9474.5	10132.6	10774.1	11394.3	11915.4	12331.9
7.5°	6191.0	6878.5	7589.1	8309.5	9008.1	9704.5	10390.9	11038.9	11650.0	12199.5	12627.4
5°	6292.1	6991.1	7716.7	8455.1	9164.4	9885.6	10592.5	11255.6	11860.6	12358.5	12707.9
2.5°	6367.5	7061.3	7799.6	8542.9	9261.6	10008.8	10730.7	11394.5	12013.8	12485.1	12787.5
0°	6418.7	7099.8	7874.9	8603.8	9334.4	10100.9	10814.5	11485.4	12106.8	12567.7	12880.1
-2.5°	6367.5	7061.3	7799.6	8542.9	9261.6	10008.8	10730.7	11394.5	12013.8	12485.1	12787.5
-5°	6292.1	6991.1	7716.7	8455.1	9164.4	9885.6	10592.5	11255.6	11860.6	12358.5	12707.9
-7.5°	6191.0	6878.5	7589.1	8309.5	9008.1	9704.5	10390.9	11038.9	11650.0	12199.5	12627.4
-10°	6055.6	6717.6	7412.2	8111.5	8803.9	9474.5	10132.6	10774.1	11394.3	11915.4	12331.9
-12.5°	5893.1	6525.0	7190.0	7861.3	8536.4	9181.7	9814.6	10434.5	11012.0	11514.7	11920.2
-15°	5697.2	6303.8	6932.4	7572.3	8212.7	8828.3	9425.4	10004.8	10548.0	11015.7	11410.6
-17.5°	5466.7	6053.7	6640.8	7242.9	7855.1	8434.1	8996.7	9528.5	10011.4	10441.0	10832.6
-20°	5200.2	5767.5	6319.9	6883.8	7450.7	8001.4	8532.4	9021.3	9463.6	9850.9	10198.2



REPORT NUMBER: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4918.1	5445.2	5981.3	6490.6	7014.2	7524.6	8006.8	8464.2	8882.9	9238.2	9546.2
-25°	4621.3	5093.8	5602.9	6088.5	6563.0	7027.2	7458.1	7852.8	8244.7	8583.8	8872.7
-27.5°	4307.3	4752.0	5188.9	5651.9	6095.3	6513.9	6907.0	7270.4	7613.3	7921.5	8187.5
-30°	3967.9	4381.6	4788.9	5193.7	5601.8	5986.5	6348.5	6686.4	6993.6	7264.7	7499.0
-32.5°	3614.2	3989.9	4370.7	4742.2	5099.7	5452.9	5779.6	6087.3	6370.4	6619.2	6825.6
-35°	3250.9	3597.7	3935.8	4279.2	4601.9	4917.3	5215.2	5488.1	5727.6	5952.4	6145.6
-37.5°	2888.3	3203.0	3513.7	3818.4	4114.0	4386.5	4656.0	4904.0	5120.2	5311.0	5471.2
-40°	2544.8	2814.2	3097.0	3364.4	3632.7	3883.2	4118.0	4333.0	4517.5	4680.6	4818.6
-42.5°	2207.2	2457.1	2695.2	2936.1	3162.0	3381.5	3593.5	3781.7	3943.8	4081.5	4192.4
-45°	1855.4	2091.5	2315.4	2525.8	2727.9	2923.6	3099.1	3253.8	3406.4	3532.4	3632.1
-47.5°	1439.5	1703.4	1921.7	2117.9	2303.6	2478.2	2641.3	2777.4	2892.7	2999.0	3087.5
-50°	1021.4	1246.9	1477.9	1690.7	1863.0	2020.4	2169.5	2281.3	2374.9	2455.4	2526.7
-52.5°	638.0	825.1	1014.8	1193.1	1368.5	1528.2	1671.5	1784.2	1872.2	1938.2	2000.8
-55°	475.0	543.1	604.3	741.7	888.5	1015.5	1134.5	1261.7	1365.2	1446.1	1521.0
-57.5°	379.4	402.8	435.1	493.3	546.5	594.6	676.9	777.3	866.9	945.2	1014.0
-60°	319.5	333.6	354.8	376.2	395.3	412.7	454.7	492.1	524.1	551.7	578.3
-62.5°	271.2	287.8	296.6	308.0	323.7	340.8	347.4	356.7	368.2	381.2	392.9
-65°	210.4	223.3	236.3	242.7	243.2	251.4	264.1	271.2	273.3	274.9	278.9
-67.5°	174.1	177.7	184.4	190.8	198.5	204.1	210.3	216.2	221.6	226.2	230.0
-70°	144.8	150.9	156.5	161.6	166.6	171.1	175.1	178.9	182.3	183.0	183.8
-72.5°	118.9	124.9	129.8	134.8	139.1	142.5	145.0	147.1	148.8	137.6	121.7
-75°	96.7	102.9	108.1	112.6	116.6	118.6	119.9	121.2	122.4	108.6	90.4
-77.5°	77.9	82.6	85.1	88.0	91.2	91.9	92.1	92.4	92.7	82.3	69.0
-80°	50.2	54.9	58.0	60.5	62.5	60.6	57.6	54.3	50.5	44.8	38.7
-82.5°	26.8	28.8	30.6	32.6	34.7	34.4	33.4	32.0	30.3	27.0	23.3
-85°	10.4	10.2	9.9	9.3	8.6	8.9	9.2	9.4	9.6	9.0	8.3
-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: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	7.6	6.8	6.8	6.8	6.8	6.8	7.6	8.3	9.0	9.6	9.4
82.5°	19.4	15.4	16.2	17.1	16.2	15.4	19.4	23.3	27.0	30.3	32.0
80°	32.3	25.7	26.4	27.3	26.4	25.7	32.3	38.7	44.8	50.5	54.3
77.5°	54.8	39.8	38.4	37.6	38.4	39.8	54.8	69.0	82.3	92.7	92.4
75°	71.6	52.3	51.1	51.2	51.1	52.3	71.6	90.4	108.6	122.4	121.2
72.5°	105.7	89.4	78.1	66.6	78.1	89.4	105.7	121.7	137.6	148.8	147.1
70°	185.8	188.1	187.1	184.4	187.1	188.1	185.8	183.8	183.0	182.3	178.9
67.5°	233.1	235.6	236.1	235.6	236.1	235.6	233.1	230.0	226.2	221.6	216.2
65°	281.7	283.3	284.6	285.1	284.6	283.3	281.7	278.9	274.9	273.3	271.2
62.5°	401.7	407.6	413.8	418.2	413.8	407.6	401.7	392.9	381.2	368.2	356.7
60°	601.4	620.6	629.1	629.9	629.1	620.6	601.4	578.3	551.7	524.1	492.1
57.5°	1069.1	1110.3	1147.0	1174.5	1147.0	1110.3	1069.1	1014.0	945.2	866.9	777.3
55°	1580.7	1624.5	1649.3	1655.9	1649.3	1624.5	1580.7	1521.0	1446.1	1365.2	1261.7
52.5°	2048.2	2077.4	2105.0	2128.8	2105.0	2077.4	2048.2	2000.8	1938.2	1872.2	1784.2
50°	2580.6	2613.0	2640.4	2661.4	2640.4	2613.0	2580.6	2526.7	2455.4	2374.9	2281.3
47.5°	3149.6	3189.4	3218.7	3238.4	3218.7	3189.4	3149.6	3087.5	2999.0	2892.7	2777.4
45°	3717.4	3785.5	3826.9	3834.2	3826.9	3785.5	3717.4	3632.1	3532.4	3406.4	3253.8
42.5°	4288.2	4353.4	4397.4	4429.9	4397.4	4353.4	4288.2	4192.4	4081.5	3943.8	3781.7
40°	4933.6	5015.5	5053.1	5029.1	5053.1	5015.5	4933.6	4818.6	4680.6	4517.5	4333.0
37.5°	5594.8	5679.1	5722.5	5720.5	5722.5	5679.1	5594.8	5471.2	5311.0	5120.2	4904.0
35°	6295.9	6400.3	6456.8	6442.6	6456.8	6400.3	6295.9	6145.6	5952.4	5727.6	5488.1
32.5°	6990.4	7116.6	7198.2	7210.8	7198.2	7116.6	6990.4	6825.6	6619.2	6370.4	6087.3
30°	7686.9	7823.4	7904.5	7912.4	7904.5	7823.4	7686.9	7499.0	7264.7	6993.6	6686.4
27.5°	8410.8	8563.5	8648.3	8668.7	8648.3	8563.5	8410.8	8187.5	7921.5	7613.3	7270.4
25°	9119.0	9288.5	9385.9	9423.2	9385.9	9288.5	9119.0	8872.7	8583.8	8244.7	7852.8
22.5°	9801.9	9987.7	10114.7	10147.0	10114.7	9987.7	9801.9	9546.2	9238.2	8882.9	8464.2
20°	10486.9	10706.2	10868.4	10884.5	10868.4	10706.2	10486.9	10198.2	9850.9	9463.6	9021.3
17.5°	11146.3	11383.6	11557.3	11599.8	11557.3	11383.6	11146.3	10832.6	10441.0	10011.4	9528.5
15°	11736.7	11985.8	12153.5	12190.4	12153.5	11985.8	11736.7	11410.6	11015.7	10548.0	10004.8
12.5°	12246.2	12475.8	12632.4	12692.3	12632.4	12475.8	12246.2	11920.2	11514.7	11012.0	10434.5
10°	12656.7	12834.0	12973.9	13037.1	12973.9	12834.0	12656.7	12331.9	11915.4	11394.3	10774.1
7.5°	12885.8	13031.7	13128.6	13163.5	13128.6	13031.7	12885.8	12627.4	12199.5	11650.0	11038.9
5°	12976.3	13116.1	13168.6	13199.3	13168.6	13116.1	12976.3	12707.9	12358.5	11860.6	11255.6
2.5°	12988.7	13100.6	13208.6	13279.6	13208.6	13100.6	12988.7	12787.5	12485.1	12013.8	11394.5
0°	13061.0	13170.3	13230.0	13264.2	13230.0	13170.3	13061.0	12880.1	12567.7	12106.8	11485.4
-2.5°	12988.7	13100.6	13208.6	13279.6	13208.6	13100.6	12988.7	12787.5	12485.1	12013.8	11394.5
-5°	12976.3	13116.1	13168.6	13199.3	13168.6	13116.1	12976.3	12707.9	12358.5	11860.6	11255.6
-7.5°	12885.8	13031.7	13128.6	13163.5	13128.6	13031.7	12885.8	12627.4	12199.5	11650.0	11038.9
-10°	12656.7	12834.0	12973.9	13037.1	12973.9	12834.0	12656.7	12331.9	11915.4	11394.3	10774.1
-12.5°	12246.2	12475.8	12632.4	12692.3	12632.4	12475.8	12246.2	11920.2	11514.7	11012.0	10434.5
-15°	11736.7	11985.8	12153.5	12190.4	12153.5	11985.8	11736.7	11410.6	11015.7	10548.0	10004.8
-17.5°	11146.3	11383.6	11557.3	11599.8	11557.3	11383.6	11146.3	10832.6	10441.0	10011.4	9528.5
-20°	10486.9	10706.2	10868.4	10884.5	10868.4	10706.2	10486.9	10198.2	9850.9	9463.6	9021.3



REPORT NUMBER: P559035 (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°	9801.9	9987.7	10114.7	10147.0	10114.7	9987.7	9801.9	9546.2	9238.2	8882.9	8464.2
-25°	9119.0	9288.5	9385.9	9423.2	9385.9	9288.5	9119.0	8872.7	8583.8	8244.7	7852.8
-27.5°	8410.8	8563.5	8648.3	8668.7	8648.3	8563.5	8410.8	8187.5	7921.5	7613.3	7270.4
-30°	7686.9	7823.4	7904.5	7912.4	7904.5	7823.4	7686.9	7499.0	7264.7	6993.6	6686.4
-32.5°	6990.4	7116.6	7198.2	7210.8	7198.2	7116.6	6990.4	6825.6	6619.2	6370.4	6087.3
-35°	6295.9	6400.3	6456.8	6442.6	6456.8	6400.3	6295.9	6145.6	5952.4	5727.6	5488.1
-37.5°	5594.8	5679.1	5722.5	5720.5	5722.5	5679.1	5594.8	5471.2	5311.0	5120.2	4904.0
-40°	4933.6	5015.5	5053.1	5029.1	5053.1	5015.5	4933.6	4818.6	4680.6	4517.5	4333.0
-42.5°	4288.2	4353.4	4397.4	4429.9	4397.4	4353.4	4288.2	4192.4	4081.5	3943.8	3781.7
-45°	3717.4	3785.5	3826.9	3834.2	3826.9	3785.5	3717.4	3632.1	3532.4	3406.4	3253.8
-47.5°	3149.6	3189.4	3218.7	3238.4	3218.7	3189.4	3149.6	3087.5	2999.0	2892.7	2777.4
-50°	2580.6	2613.0	2640.4	2661.4	2640.4	2613.0	2580.6	2526.7	2455.4	2374.9	2281.3
-52.5°	2048.2	2077.4	2105.0	2128.8	2105.0	2077.4	2048.2	2000.8	1938.2	1872.2	1784.2
-55°	1580.7	1624.5	1649.3	1655.9	1649.3	1624.5	1580.7	1521.0	1446.1	1365.2	1261.7
-57.5°	1069.1	1110.3	1147.0	1174.5	1147.0	1110.3	1069.1	1014.0	945.2	866.9	777.3
-60°	601.4	620.6	629.1	629.9	629.1	620.6	601.4	578.3	551.7	524.1	492.1
-62.5°	401.7	407.6	413.8	418.2	413.8	407.6	401.7	392.9	381.2	368.2	356.7
-65°	281.7	283.3	284.6	285.1	284.6	283.3	281.7	278.9	274.9	273.3	271.2
-67.5°	233.1	235.6	236.1	235.6	236.1	235.6	233.1	230.0	226.2	221.6	216.2
-70°	185.8	188.1	187.1	184.4	187.1	188.1	185.8	183.8	183.0	182.3	178.9
-72.5°	105.7	89.4	78.1	66.6	78.1	89.4	105.7	121.7	137.6	148.8	147.1
-75°	71.6	52.3	51.1	51.2	51.1	52.3	71.6	90.4	108.6	122.4	121.2
-77.5°	54.8	39.8	38.4	37.6	38.4	39.8	54.8	69.0	82.3	92.7	92.4
-80°	32.3	25.7	26.4	27.3	26.4	25.7	32.3	38.7	44.8	50.5	54.3
-82.5°	19.4	15.4	16.2	17.1	16.2	15.4	19.4	23.3	27.0	30.3	32.0
-85°	7.6	6.8	6.8	6.8	6.8	6.8	7.6	8.3	9.0	9.6	9.4
-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





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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	2.0	2.2	2.4
85°	9.2	8.9	8.6	9.3	9.9	10.2	10.4	9.1	8.0	7.0	6.2
82.5°	33.4	34.4	34.7	32.6	30.6	28.8	26.8	22.4	18.4	14.8	12.0
80°	57.6	60.6	62.5	60.5	58.0	54.9	50.2	41.1	33.1	26.5	22.4
77.5°	92.1	91.9	91.2	88.0	85.1	82.6	77.9	64.2	50.9	39.1	33.2
75°	119.9	118.6	116.6	112.6	108.1	102.9	96.7	87.3	75.6	61.4	51.4
72.5°	145.0	142.5	139.1	134.8	129.8	124.9	118.9	111.1	102.0	91.6	83.5
70°	175.1	171.1	166.6	161.6	156.5	150.9	144.8	137.2	127.7	117.5	111.7
67.5°	210.3	204.1	198.5	190.8	184.4	177.7	174.1	167.7	159.0	148.4	141.3
65°	264.1	251.4	243.2	242.7	236.3	223.3	210.4	204.1	197.0	185.2	172.8
62.5°	347.4	340.8	323.7	308.0	296.6	287.8	271.2	253.5	239.7	227.6	211.4
60°	454.7	412.7	395.3	376.2	354.8	333.6	319.5	302.2	281.9	265.8	249.2
57.5°	676.9	594.6	546.5	493.3	435.1	402.8	379.4	352.5	329.5	307.1	286.2
55°	1134.5	1015.5	888.5	741.7	604.3	543.1	475.0	421.4	388.3	350.5	325.5
52.5°	1671.5	1528.2	1368.5	1193.1	1014.8	825.1	638.0	558.6	467.4	411.1	369.4
50°	2169.5	2020.4	1863.0	1690.7	1477.9	1246.9	1021.4	796.6	612.9	508.0	424.3
47.5°	2641.3	2478.2	2303.6	2117.9	1921.7	1703.4	1439.5	1162.6	902.2	641.0	526.9
45°	3099.1	2923.6	2727.9	2525.8	2315.4	2091.5	1855.4	1571.3	1258.3	957.7	647.3
42.5°	3593.5	3381.5	3162.0	2936.1	2695.2	2457.1	2207.2	1940.7	1640.2	1295.0	959.0
40°	4118.0	3883.2	3632.7	3364.4	3097.0	2814.2	2544.8	2264.5	1972.1	1646.0	1267.3
37.5°	4656.0	4386.5	4114.0	3818.4	3513.7	3203.0	2888.3	2579.7	2267.3	1948.7	1582.0
35°	5215.2	4917.3	4601.9	4279.2	3935.8	3597.7	3250.9	2900.2	2558.6	2218.4	1867.8
32.5°	5779.6	5452.9	5099.7	4742.2	4370.7	3989.9	3614.2	3233.5	2843.3	2480.5	2113.4
30°	6348.5	5986.5	5601.8	5193.7	4788.9	4381.6	3967.9	3550.5	3132.5	2729.6	2349.0
27.5°	6907.0	6513.9	6095.3	5651.9	5188.9	4752.0	4307.3	3854.9	3404.9	2975.8	2567.3
25°	7458.1	7027.2	6563.0	6088.5	5602.9	5093.8	4621.3	4145.7	3672.2	3205.8	2764.7
22.5°	8006.8	7524.6	7014.2	6490.6	5981.3	5445.2	4918.1	4412.9	3919.0	3424.7	2957.8
20°	8532.4	8001.4	7450.7	6883.8	6319.9	5767.5	5200.2	4663.1	4141.5	3629.6	3137.2
17.5°	8996.7	8434.1	7855.1	7242.9	6640.8	6053.7	5466.7	4892.3	4342.8	3807.7	3299.8
15°	9425.4	8828.3	8212.7	7572.3	6932.4	6303.8	5697.2	5094.1	4523.3	3966.0	3444.0
12.5°	9814.6	9181.7	8536.4	7861.3	7190.0	6525.0	5893.1	5275.9	4681.2	4107.1	3565.6
10°	10132.6	9474.5	8803.9	8111.5	7412.2	6717.6	6055.6	5422.5	4808.3	4219.4	3666.9
7.5°	10390.9	9704.5	9008.1	8309.5	7589.1	6878.5	6191.0	5533.5	4907.5	4301.5	3746.7
5°	10592.5	9885.6	9164.4	8455.1	7716.7	6991.1	6292.1	5608.0	4977.1	4354.2	3804.0
2.5°	10730.7	10008.8	9261.6	8542.9	7799.6	7061.3	6367.5	5665.8	5026.7	4409.7	3854.2
0°	10814.5	10100.9	9334.4	8603.8	7874.9	7099.8	6418.7	5705.1	5047.9	4445.3	3880.2
-2.5°	10730.7	10008.8	9261.6	8542.9	7799.6	7061.3	6367.5	5665.8	5026.7	4409.7	3854.2
-5°	10592.5	9885.6	9164.4	8455.1	7716.7	6991.1	6292.1	5608.0	4977.1	4354.2	3804.0
-7.5°	10390.9	9704.5	9008.1	8309.5	7589.1	6878.5	6191.0	5533.5	4907.5	4301.5	3746.7
-10°	10132.6	9474.5	8803.9	8111.5	7412.2	6717.6	6055.6	5422.5	4808.3	4219.4	3666.9
-12.5°	9814.6	9181.7	8536.4	7861.3	7190.0	6525.0	5893.1	5275.9	4681.2	4107.1	3565.6
-15°	9425.4	8828.3	8212.7	7572.3	6932.4	6303.8	5697.2	5094.1	4523.3	3966.0	3444.0
-17.5°	8996.7	8434.1	7855.1	7242.9	6640.8	6053.7	5466.7	4892.3	4342.8	3807.7	3299.8
-20°	8532.4	8001.4	7450.7	6883.8	6319.9	5767.5	5200.2	4663.1	4141.5	3629.6	3137.2



REPORT NUMBER: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8006.8	7524.6	7014.2	6490.6	5981.3	5445.2	4918.1	4412.9	3919.0	3424.7	2957.8
-25°	7458.1	7027.2	6563.0	6088.5	5602.9	5093.8	4621.3	4145.7	3672.2	3205.8	2764.7
-27.5°	6907.0	6513.9	6095.3	5651.9	5188.9	4752.0	4307.3	3854.9	3404.9	2975.8	2567.3
-30°	6348.5	5986.5	5601.8	5193.7	4788.9	4381.6	3967.9	3550.5	3132.5	2729.6	2349.0
-32.5°	5779.6	5452.9	5099.7	4742.2	4370.7	3989.9	3614.2	3233.5	2843.3	2480.5	2113.4
-35°	5215.2	4917.3	4601.9	4279.2	3935.8	3597.7	3250.9	2900.2	2558.6	2218.4	1867.8
-37.5°	4656.0	4386.5	4114.0	3818.4	3513.7	3203.0	2888.3	2579.7	2267.3	1948.7	1582.0
-40°	4118.0	3883.2	3632.7	3364.4	3097.0	2814.2	2544.8	2264.5	1972.1	1646.0	1267.3
-42.5°	3593.5	3381.5	3162.0	2936.1	2695.2	2457.1	2207.2	1940.7	1640.2	1295.0	959.0
-45°	3099.1	2923.6	2727.9	2525.8	2315.4	2091.5	1855.4	1571.3	1258.3	957.7	647.3
-47.5°	2641.3	2478.2	2303.6	2117.9	1921.7	1703.4	1439.5	1162.6	902.2	641.0	526.9
-50°	2169.5	2020.4	1863.0	1690.7	1477.9	1246.9	1021.4	796.6	612.9	508.0	424.3
-52.5°	1671.5	1528.2	1368.5	1193.1	1014.8	825.1	638.0	558.6	467.4	411.1	369.4
-55°	1134.5	1015.5	888.5	741.7	604.3	543.1	475.0	421.4	388.3	350.5	325.5
-57.5°	676.9	594.6	546.5	493.3	435.1	402.8	379.4	352.5	329.5	307.1	286.2
-60°	454.7	412.7	395.3	376.2	354.8	333.6	319.5	302.2	281.9	265.8	249.2
-62.5°	347.4	340.8	323.7	308.0	296.6	287.8	271.2	253.5	239.7	227.6	211.4
-65°	264.1	251.4	243.2	242.7	236.3	223.3	210.4	204.1	197.0	185.2	172.8
-67.5°	210.3	204.1	198.5	190.8	184.4	177.7	174.1	167.7	159.0	148.4	141.3
-70°	175.1	171.1	166.6	161.6	156.5	150.9	144.8	137.2	127.7	117.5	111.7
-72.5°	145.0	142.5	139.1	134.8	129.8	124.9	118.9	111.1	102.0	91.6	83.5
-75°	119.9	118.6	116.6	112.6	108.1	102.9	96.7	87.3	75.6	61.4	51.4
-77.5°	92.1	91.9	91.2	88.0	85.1	82.6	77.9	64.2	50.9	39.1	33.2
-80°	57.6	60.6	62.5	60.5	58.0	54.9	50.2	41.1	33.1	26.5	22.4
-82.5°	33.4	34.4	34.7	32.6	30.6	28.8	26.8	22.4	18.4	14.8	12.0
-85°	9.2	8.9	8.6	9.3	9.9	10.2	10.4	9.1	8.0	7.0	6.2
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.7	2.0	2.2	2.4
-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: P559035 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-940-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°	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.2	2.0	1.7	1.5
85°	6.3	6.1	5.7	5.2	4.8	4.3	4.3	4.3	3.9	3.5	3.1
82.5°	12.1	12.2	12.3	12.1	12.0	11.6	10.8	9.6	7.5	5.5	4.6
80°	25.1	26.5	26.5	24.9	21.8	18.9	18.2	16.7	13.8	11.0	8.2
77.5°	38.3	41.9	44.2	43.3	38.6	34.0	29.6	25.0	20.0	16.4	12.9
75°	52.4	57.2	60.8	60.7	55.7	49.0	43.1	36.9	29.6	22.2	17.5
72.5°	79.3	77.4	78.0	78.3	74.0	67.6	58.9	48.7	40.3	31.7	23.0
70°	106.3	99.3	94.5	93.7	91.5	86.7	78.0	64.9	50.9	41.1	31.2
67.5°	134.8	127.7	118.6	110.7	107.8	103.6	96.9	81.5	65.1	50.4	39.4
65°	164.0	155.6	147.0	135.4	126.5	120.6	113.8	97.4	78.7	61.8	47.4
62.5°	195.9	182.2	171.2	158.6	146.6	137.5	130.3	112.5	92.1	72.8	56.0
60°	231.0	213.4	195.5	180.5	166.2	153.4	143.1	127.7	106.5	83.1	64.6
57.5°	266.6	245.1	222.8	202.9	186.1	170.1	155.3	140.4	120.9	95.8	72.3
55°	302.3	278.4	250.1	225.8	205.7	187.9	168.6	151.9	134.5	109.1	78.3
52.5°	336.9	309.7	279.4	249.3	224.8	204.6	183.1	163.4	145.1	122.3	87.2
50°	379.1	339.7	307.8	275.2	243.5	220.0	196.9	175.5	155.6	134.3	95.5
47.5°	427.9	378.0	336.0	300.5	266.2	235.1	210.6	186.9	166.1	143.7	102.7
45°	525.2	421.7	368.9	326.6	287.7	253.2	224.2	197.6	175.5	147.8	108.8
42.5°	636.5	503.0	407.6	352.3	310.9	271.5	237.5	209.4	184.3	150.5	112.2
40°	904.2	604.7	459.7	386.6	334.1	288.5	252.5	221.0	191.7	152.1	113.6
37.5°	1179.2	793.3	551.3	419.9	358.8	309.3	266.8	232.3	194.9	153.7	113.9
35°	1458.2	1039.9	641.1	480.1	388.4	329.4	279.7	243.5	202.1	155.3	113.3
32.5°	1723.1	1278.0	847.1	559.8	416.8	348.9	295.0	254.7	211.2	156.9	111.8
30°	1950.3	1509.3	1051.1	635.8	456.5	373.0	311.9	265.3	222.0	158.4	110.2
27.5°	2157.0	1725.3	1243.0	783.2	522.1	396.2	327.8	275.2	234.5	162.3	110.5
25°	2347.2	1909.6	1428.2	944.9	583.7	418.3	342.3	284.6	244.3	170.7	110.6
22.5°	2515.1	2073.6	1597.6	1092.1	639.2	439.8	357.9	296.6	251.8	179.5	110.3
20°	2665.9	2222.7	1751.5	1228.1	730.6	485.8	374.6	307.2	258.6	188.7	109.7
17.5°	2801.5	2352.3	1880.9	1357.1	839.8	526.5	390.0	316.6	264.7	197.9	108.7
15°	2933.8	2462.3	1990.8	1471.2	935.9	561.7	403.7	324.5	270.1	206.9	108.1
12.5°	3045.1	2556.5	2083.4	1569.8	1018.6	591.5	415.8	331.2	274.7	214.8	107.4
10°	3134.4	2634.2	2158.8	1652.3	1087.4	615.8	426.1	336.1	278.3	221.4	105.3
7.5°	3201.7	2695.0	2217.0	1718.1	1141.8	635.8	432.7	339.0	281.1	226.7	101.9
5°	3250.2	2740.8	2259.4	1766.8	1181.1	652.1	436.9	340.5	283.3	230.4	97.6
2.5°	3290.3	2773.0	2285.9	1798.0	1205.0	663.4	438.9	340.7	284.6	232.3	92.6
0°	3310.1	2787.7	2296.1	1811.2	1213.7	669.2	438.7	339.7	285.1	232.2	87.1
-2.5°	3290.3	2773.0	2285.9	1798.0	1205.0	663.4	438.9	340.7	284.6	232.3	92.6
-5°	3250.2	2740.8	2259.4	1766.8	1181.1	652.1	436.9	340.5	283.3	230.4	97.6
-7.5°	3201.7	2695.0	2217.0	1718.1	1141.8	635.8	432.7	339.0	281.1	226.7	101.9
-10°	3134.4	2634.2	2158.8	1652.3	1087.4	615.8	426.1	336.1	278.3	221.4	105.3
-12.5°	3045.1	2556.5	2083.4	1569.8	1018.6	591.5	415.8	331.2	274.7	214.8	107.4
-15°	2933.8	2462.3	1990.8	1471.2	935.9	561.7	403.7	324.5	270.1	206.9	108.1
-17.5°	2801.5	2352.3	1880.9	1357.1	839.8	526.5	390.0	316.6	264.7	197.9	108.7
-20°	2665.9	2222.7	1751.5	1228.1	730.6	485.8	374.6	307.2	258.6	188.7	109.7



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2515.1	2073.6	1597.6	1092.1	639.2	439.8	357.9	296.6	251.8	179.5	110.3
-25°	2347.2	1909.6	1428.2	944.9	583.7	418.3	342.3	284.6	244.3	170.7	110.6
-27.5°	2157.0	1725.3	1243.0	783.2	522.1	396.2	327.8	275.2	234.5	162.3	110.5
-30°	1950.3	1509.3	1051.1	635.8	456.5	373.0	311.9	265.3	222.0	158.4	110.2
-32.5°	1723.1	1278.0	847.1	559.8	416.8	348.9	295.0	254.7	211.2	156.9	111.8
-35°	1458.2	1039.9	641.1	480.1	388.4	329.4	279.7	243.5	202.1	155.3	113.3
-37.5°	1179.2	793.3	551.3	419.9	358.8	309.3	266.8	232.3	194.9	153.7	113.9
-40°	904.2	604.7	459.7	386.6	334.1	288.5	252.5	221.0	191.7	152.1	113.6
-42.5°	636.5	503.0	407.6	352.3	310.9	271.5	237.5	209.4	184.3	150.5	112.2
-45°	525.2	421.7	368.9	326.6	287.7	253.2	224.2	197.6	175.5	147.8	108.8
-47.5°	427.9	378.0	336.0	300.5	266.2	235.1	210.6	186.9	166.1	143.7	102.7
-50°	379.1	339.7	307.8	275.2	243.5	220.0	196.9	175.5	155.6	134.3	95.5
-52.5°	336.9	309.7	279.4	249.3	224.8	204.6	183.1	163.4	145.1	122.3	87.2
-55°	302.3	278.4	250.1	225.8	205.7	187.9	168.6	151.9	134.5	109.1	78.3
-57.5°	266.6	245.1	222.8	202.9	186.1	170.1	155.3	140.4	120.9	95.8	72.3
-60°	231.0	213.4	195.5	180.5	166.2	153.4	143.1	127.7	106.5	83.1	64.6
-62.5°	195.9	182.2	171.2	158.6	146.6	137.5	130.3	112.5	92.1	72.8	56.0
-65°	164.0	155.6	147.0	135.4	126.5	120.6	113.8	97.4	78.7	61.8	47.4
-67.5°	134.8	127.7	118.6	110.7	107.8	103.6	96.9	81.5	65.1	50.4	39.4
-70°	106.3	99.3	94.5	93.7	91.5	86.7	78.0	64.9	50.9	41.1	31.2
-72.5°	79.3	77.4	78.0	78.3	74.0	67.6	58.9	48.7	40.3	31.7	23.0
-75°	52.4	57.2	60.8	60.7	55.7	49.0	43.1	36.9	29.6	22.2	17.5
-77.5°	38.3	41.9	44.2	43.3	38.6	34.0	29.6	25.0	20.0	16.4	12.9
-80°	25.1	26.5	26.5	24.9	21.8	18.9	18.2	16.7	13.8	11.0	8.2
-82.5°	12.1	12.2	12.3	12.1	12.0	11.6	10.8	9.6	7.5	5.5	4.6
-85°	6.3	6.1	5.7	5.2	4.8	4.3	4.3	4.3	3.9	3.5	3.1
-87.5°	2.3	2.2	2.1	2.0	2.1	2.1	2.2	2.2	2.0	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	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
80°	5.6	4.4	3.5	2.6	1.8	0.9	0.0
77.5°	9.4	6.1	4.4	3.3	2.2	1.1	0.0
75°	13.1	8.8	5.4	3.9	2.6	1.3	0.0
72.5°	16.7	11.4	7.2	4.6	3.1	1.5	0.0
70°	20.6	13.9	8.9	5.3	3.5	1.7	0.0
67.5°	26.9	16.3	10.6	6.3	3.9	2.0	0.0
65°	32.8	19.5	12.1	7.3	4.3	2.2	0.0
62.5°	38.2	23.4	13.6	8.2	4.7	2.4	0.0
60°	43.2	26.9	15.0	9.1	5.1	2.5	0.0
57.5°	48.3	30.1	17.1	9.9	5.6	2.7	0.0
55°	52.7	33.0	19.0	10.7	6.1	2.9	0.0
52.5°	56.6	35.5	20.7	11.4	6.6	3.1	0.0
50°	59.8	37.8	22.2	12.0	7.0	3.3	0.0
47.5°	62.8	39.7	23.4	12.6	7.5	3.4	0.0
45°	67.9	41.1	24.3	13.3	7.9	3.6	0.0
42.5°	72.1	42.1	25.0	13.8	8.3	3.8	0.0
40°	75.5	42.5	25.4	14.4	8.7	3.9	0.0
37.5°	78.0	42.5	25.6	15.1	9.1	4.0	0.0
35°	79.7	43.5	25.6	15.8	9.4	4.2	0.0
32.5°	80.1	44.7	25.2	16.4	9.8	4.3	0.0
30°	78.6	45.3	24.6	17.0	10.1	4.4	0.0
27.5°	76.4	45.3	25.2	17.6	10.4	4.5	0.0
25°	73.7	44.7	25.9	18.1	10.6	4.6	0.0
22.5°	70.3	44.7	26.7	18.5	10.9	4.7	0.0
20°	66.4	46.8	27.3	18.9	11.1	4.8	0.0
17.5°	65.7	48.7	28.0	19.3	11.3	4.9	0.0
15°	67.1	50.3	28.5	19.6	11.4	4.9	0.0
12.5°	68.2	51.6	29.1	19.9	11.6	5.0	0.0
10°	69.3	52.7	29.5	20.1	11.7	5.0	0.0
7.5°	70.2	53.5	29.9	20.3	11.8	5.1	0.0
5°	70.9	54.1	30.2	20.4	11.8	5.1	0.0
2.5°	71.4	54.5	30.5	20.5	11.9	5.1	0.0
0°	71.7	54.6	30.7	20.5	11.9	5.1	0.0
-2.5°	71.4	54.5	30.5	20.5	11.9	5.1	0.0
-5°	70.9	54.1	30.2	20.4	11.8	5.1	0.0
-7.5°	70.2	53.5	29.9	20.3	11.8	5.1	0.0
-10°	69.3	52.7	29.5	20.1	11.7	5.0	0.0
-12.5°	68.2	51.6	29.1	19.9	11.6	5.0	0.0
-15°	67.1	50.3	28.5	19.6	11.4	4.9	0.0
-17.5°	65.7	48.7	28.0	19.3	11.3	4.9	0.0
-20°	66.4	46.8	27.3	18.9	11.1	4.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	70.3	44.7	26.7	18.5	10.9	4.7	0.0
-25°	73.7	44.7	25.9	18.1	10.6	4.6	0.0
-27.5°	76.4	45.3	25.2	17.6	10.4	4.5	0.0
-30°	78.6	45.3	24.6	17.0	10.1	4.4	0.0
-32.5°	80.1	44.7	25.2	16.4	9.8	4.3	0.0
-35°	79.7	43.5	25.6	15.8	9.4	4.2	0.0
-37.5°	78.0	42.5	25.6	15.1	9.1	4.0	0.0
-40°	75.5	42.5	25.4	14.4	8.7	3.9	0.0
-42.5°	72.1	42.1	25.0	13.8	8.3	3.8	0.0
-45°	67.9	41.1	24.3	13.3	7.9	3.6	0.0
-47.5°	62.8	39.7	23.4	12.6	7.5	3.4	0.0
-50°	59.8	37.8	22.2	12.0	7.0	3.3	0.0
-52.5°	56.6	35.5	20.7	11.4	6.6	3.1	0.0
-55°	52.7	33.0	19.0	10.7	6.1	2.9	0.0
-57.5°	48.3	30.1	17.1	9.9	5.6	2.7	0.0
-60°	43.2	26.9	15.0	9.1	5.1	2.5	0.0
-62.5°	38.2	23.4	13.6	8.2	4.7	2.4	0.0
-65°	32.8	19.5	12.1	7.3	4.3	2.2	0.0
-67.5°	26.9	16.3	10.6	6.3	3.9	2.0	0.0
-70°	20.6	13.9	8.9	5.3	3.5	1.7	0.0
-72.5°	16.7	11.4	7.2	4.6	3.1	1.5	0.0
-75°	13.1	8.8	5.4	3.9	2.6	1.3	0.0
-77.5°	9.4	6.1	4.4	3.3	2.2	1.1	0.0
-80°	5.6	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	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)