

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: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-935-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6C-935-U-NAT-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (96) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

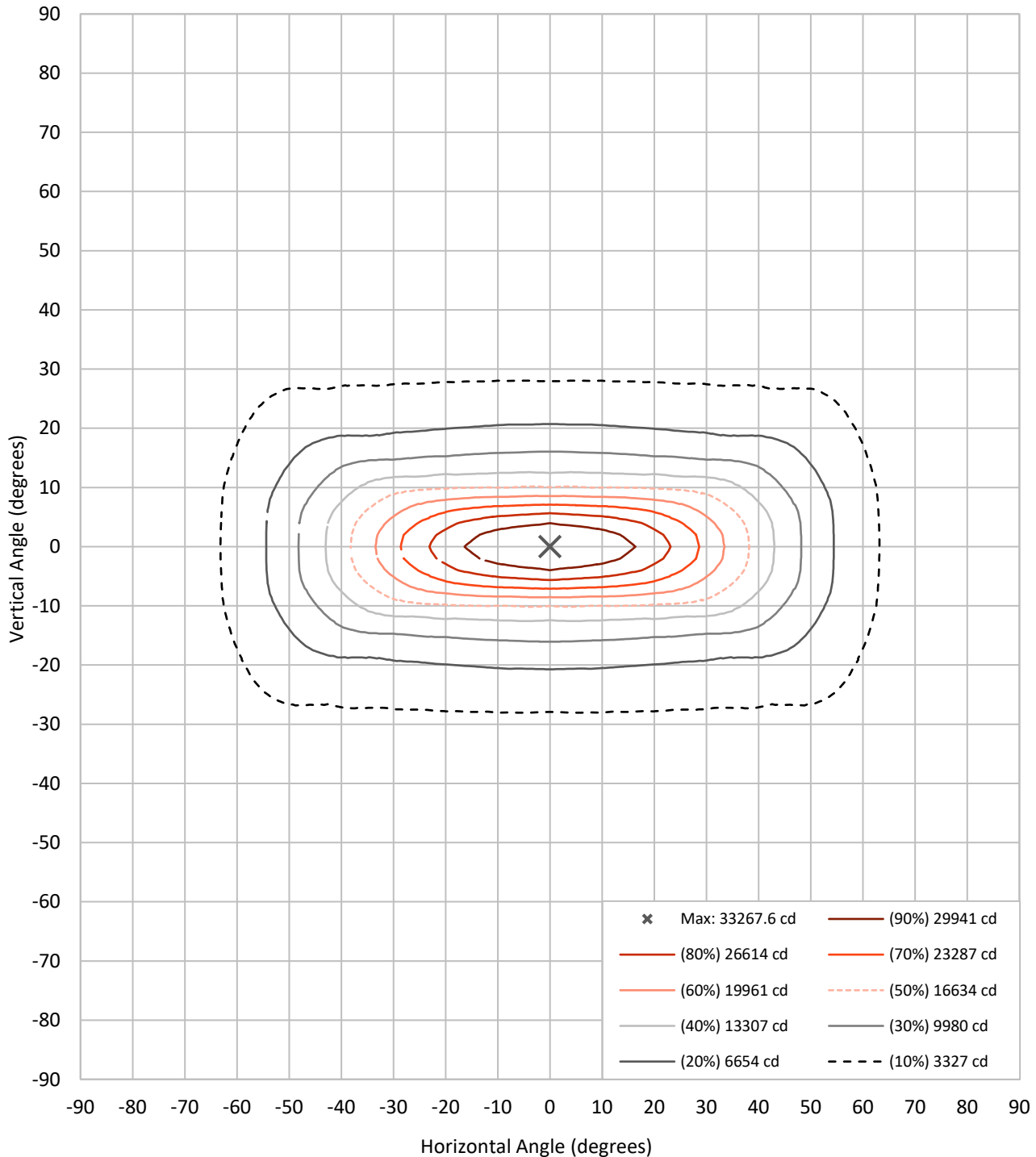
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	23825.7 lumens	Max Intensity:	33267.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	9532.6 lumens	Field Lumens:	19527.6 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 241  
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





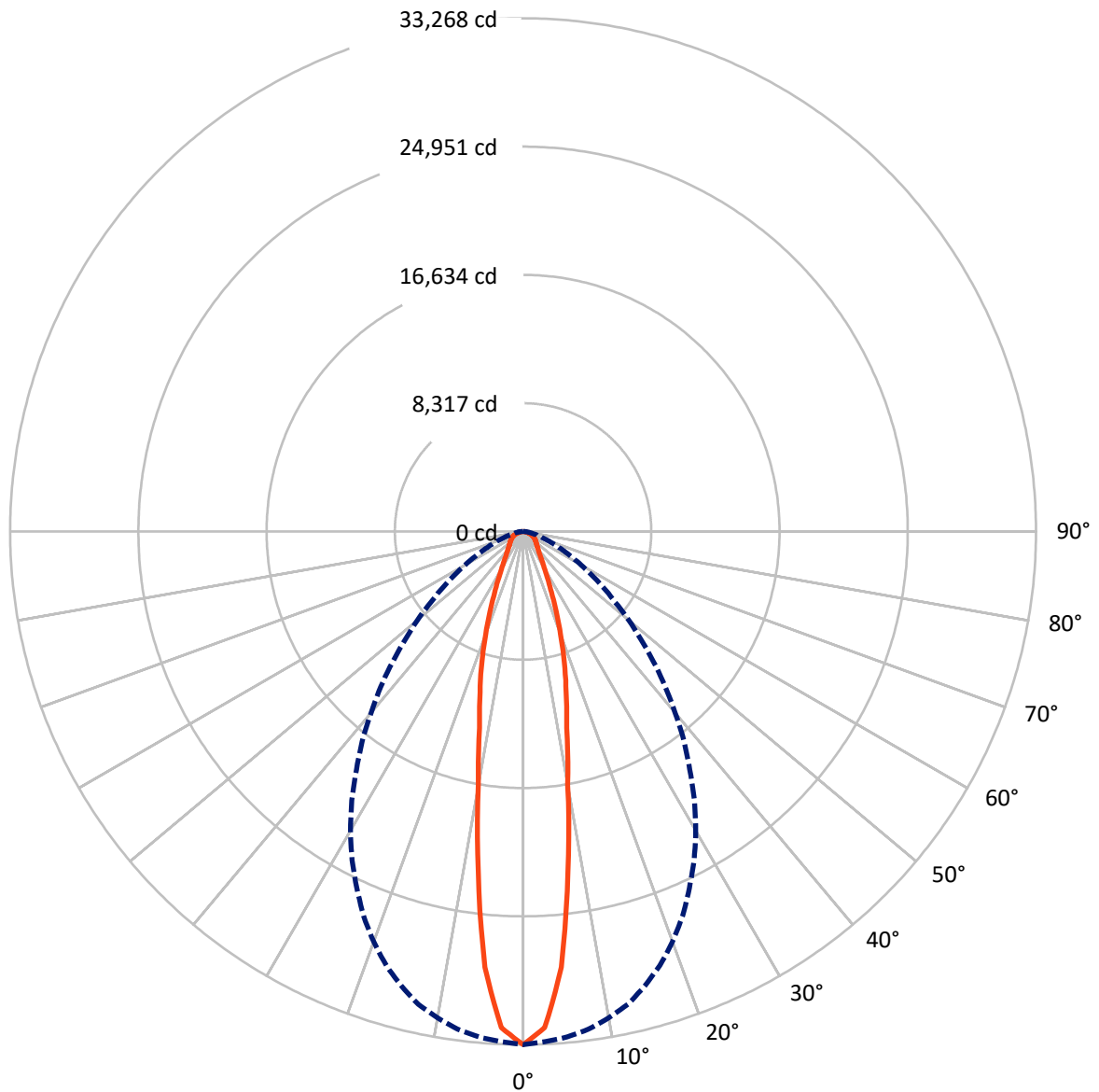
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### Lumen Table

90																			
80	1.2	8.2		16.7		24.1		27.3		24.1		16.7		8.2		1.2			
70																			
60	5.1	4.8	8.4	11.4	14.1	16.9	19.3	20.7	20.7	19.3	16.9	14.1	11.4	8.4	4.8	5.1			
50		7.8	13.6	18.2	21.6	24.8	27.6	29.2	29.2	27.6	24.8	21.6	18.2	13.6	7.8				
40	10.2	11.9	20.7	27.4	31.7	34.8	37.5	38.9	38.9	37.5	34.8	31.7	27.4	20.7	11.9	10.2			
30		17.5	33.1	43.7	50.9	56.3	60.1	61.9	61.9	60.1	56.3	50.9	43.7	33.1	17.5				
20	15.7	24.7	56.3	83.9	101.4	117.7	131.0	138.7	138.7	131.0	117.7	101.4	83.9	56.3	24.7	15.7			
10		32.6	86.9	167.1	240.3	286.4	318.9	337.3	337.3	318.9	286.4	240.3	167.1	86.9	32.6				
0	18.0	37.4	111.5	246.2	425.9	604.1	735.2	804.2	804.2	735.2	604.1	425.9	246.2	111.5	37.4	18.0			
-10		37.4	111.5	246.2	425.9	604.1	735.2	804.2	804.2	735.2	604.1	425.9	246.2	111.5	37.4				
-20	15.7	32.6	86.9	167.1	240.3	286.4	318.9	337.3	337.3	318.9	286.4	240.3	167.1	86.9	32.6	15.7			
-30		24.7	56.3	83.9	101.4	117.7	131.0	138.7	138.7	131.0	117.7	101.4	83.9	56.3	24.7				
-40	10.2	17.5	33.1	43.7	50.9	56.3	60.1	61.9	61.9	60.1	56.3	50.9	43.7	33.1	17.5	10.2			
-50		11.9	20.7	27.4	31.7	34.8	37.5	38.9	38.9	37.5	34.8	31.7	27.4	20.7	11.9				
-60	5.1	7.8	13.6	18.2	21.6	24.8	27.6	29.2	29.2	27.6	24.8	21.6	18.2	13.6	7.8	5.1			
-70		4.8	8.4	11.4	14.1	16.9	19.3	20.7	20.7	19.3	16.9	14.1	11.4	8.4	4.8				
-80	1.2	8.2		16.7		24.1		27.3		24.1		16.7		8.2		1.2			
-90																			

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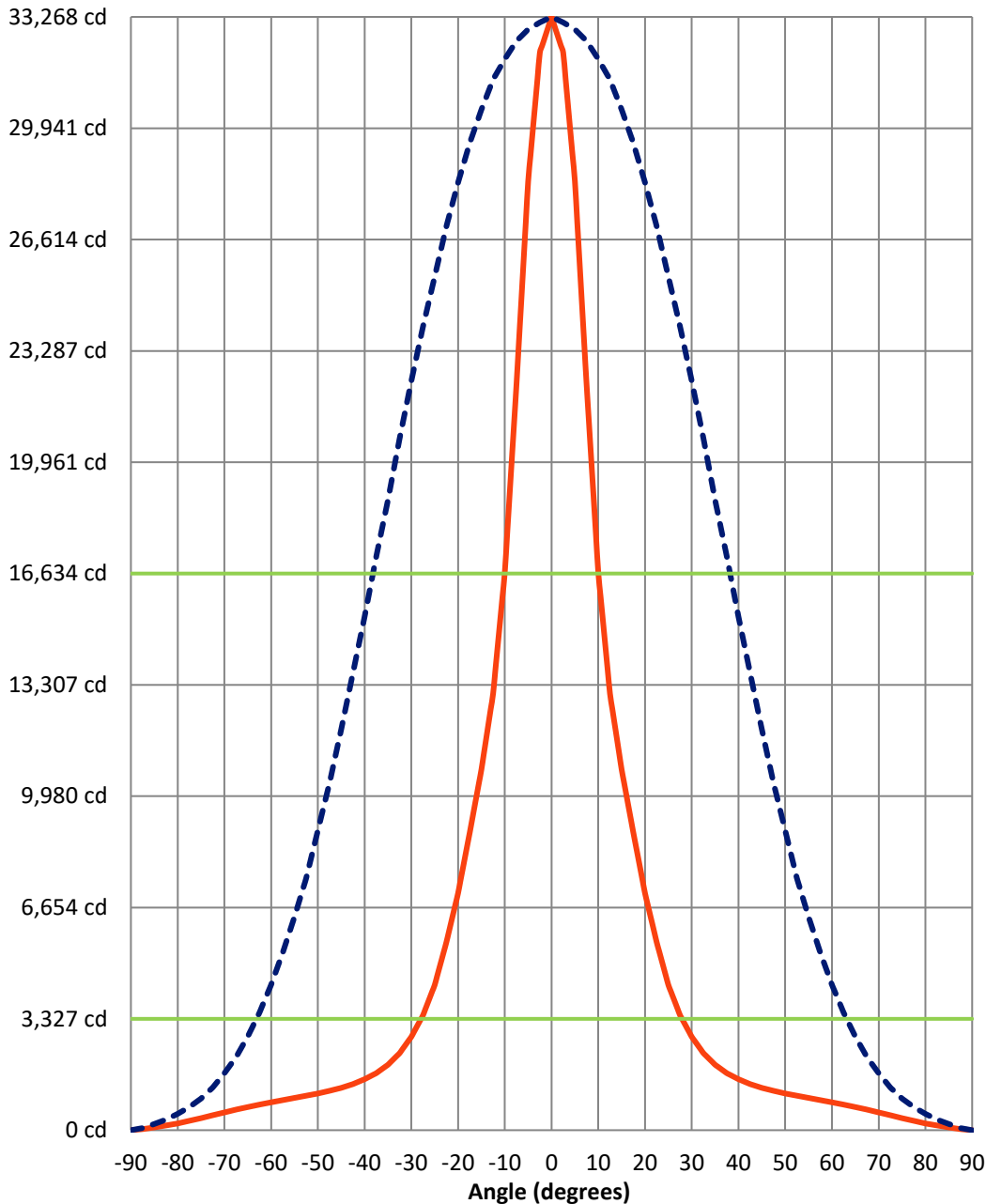
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 76.4°  
V Angle: 20°  
Lumens: 9532.6  
Efficiency: 40.0%

**Field:**  
H Angle: 126.3°  
V Angle: 55.8°  
Lumens: 19527.6  
Efficiency: 82.0%

**Spill:**  
Lumens: 4298  
Efficiency: 18.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.8	5.5	7.9	10.0	11.8	13.3	15.1	16.7	18.2	19.6
85°	0.0	5.5	11.1	15.8	19.9	23.5	26.6	30.1	33.4	36.4	39.2
82.5°	0.0	8.3	16.6	23.6	29.9	35.3	39.8	45.1	51.1	60.9	69.8
80°	0.0	11.0	22.0	31.5	39.8	47.0	54.6	69.4	83.1	95.6	106.9
77.5°	0.0	13.7	27.5	39.3	49.7	62.4	80.3	98.3	115.0	130.3	144.8
75°	0.0	16.4	32.8	47.1	61.1	84.5	105.9	127.1	147.3	167.7	185.2
72.5°	0.0	19.1	38.1	54.8	79.3	106.5	131.4	156.9	183.3	206.3	225.7
70°	0.0	21.7	43.4	63.6	97.3	128.4	157.4	189.9	219.4	245.0	270.2
67.5°	0.0	24.3	48.5	77.4	115.1	150.1	187.1	222.8	255.6	289.1	316.1
65°	0.0	26.8	53.6	91.0	132.8	173.6	216.6	255.6	297.3	333.6	365.4
62.5°	0.0	29.3	58.6	104.4	150.3	199.0	246.0	292.5	339.3	380.0	421.5
60°	0.0	31.7	63.4	117.5	167.5	224.2	275.3	330.9	381.4	432.7	478.0
57.5°	0.0	34.1	72.0	130.5	187.7	249.1	308.5	369.3	428.5	485.6	539.2
55°	0.0	36.4	80.5	143.2	207.9	273.7	341.8	407.6	476.8	540.4	603.8
52.5°	0.0	38.6	88.7	155.6	227.6	298.5	374.7	450.4	525.0	602.6	670.1
50°	0.0	40.8	96.6	167.7	247.0	325.8	407.1	494.0	575.9	665.8	748.9
47.5°	0.0	42.9	104.3	180.0	266.0	352.4	439.8	537.9	634.1	730.0	831.8
45°	0.0	44.9	111.8	194.0	284.6	378.5	477.8	581.8	693.6	808.2	917.7
42.5°	0.0	46.8	119.0	207.5	302.7	403.9	515.4	630.4	753.1	888.4	1015.5
40°	0.0	48.6	125.8	220.2	321.3	428.6	552.7	681.9	816.6	970.2	1118.5
37.5°	0.0	50.4	132.4	231.9	340.2	452.6	589.5	732.8	888.7	1055.8	1224.8
35°	0.0	52.0	138.6	242.9	358.4	479.8	625.7	783.0	960.5	1150.6	1339.9
32.5°	0.0	53.6	144.5	253.1	375.9	508.2	662.8	832.2	1031.8	1246.7	1466.6
30°	0.0	55.0	150.1	262.6	392.5	535.8	702.5	883.0	1102.3	1343.6	1596.2
27.5°	0.0	56.3	155.3	271.3	406.4	562.3	740.9	940.4	1176.0	1441.0	1728.1
25°	0.0	57.5	160.1	279.3	419.1	587.7	777.8	996.2	1255.6	1546.8	1862.0
22.5°	0.0	58.7	164.5	286.4	430.9	610.4	813.0	1050.0	1333.7	1656.3	2008.4
20°	0.0	59.7	168.6	292.7	441.8	627.7	846.5	1101.6	1409.7	1764.3	2153.5
17.5°	0.0	60.6	172.2	298.3	451.6	642.9	871.7	1150.7	1483.2	1869.8	2296.2
15°	0.0	61.3	175.4	303.0	460.3	656.0	890.5	1189.3	1553.5	1972.1	2435.4
12.5°	0.0	62.0	178.2	307.0	468.0	667.0	906.7	1214.4	1603.9	2070.0	2569.6
10°	0.0	62.5	180.6	310.1	474.5	675.9	920.0	1235.2	1636.2	2116.2	2674.3
7.5°	0.0	63.0	182.5	312.5	479.8	682.6	930.5	1251.7	1662.2	2146.7	2721.7
5°	0.0	63.3	183.9	314.0	483.9	687.4	938.2	1263.7	1681.9	2167.7	2758.5
2.5°	0.0	63.4	184.9	314.8	486.7	690.1	942.9	1271.3	1695.0	2179.5	2783.9
0°	0.0	63.5	185.5	314.9	488.2	690.8	944.7	1274.3	1701.5	2182.4	2797.5
-2.5°	0.0	63.4	184.9	314.8	486.7	690.1	942.9	1271.3	1695.0	2179.5	2783.9
-5°	0.0	63.3	183.9	314.0	483.9	687.4	938.2	1263.7	1681.9	2167.7	2758.5
-7.5°	0.0	63.0	182.5	312.5	479.8	682.6	930.5	1251.7	1662.2	2146.7	2721.7
-10°	0.0	62.5	180.6	310.1	474.5	675.9	920.0	1235.2	1636.2	2116.2	2674.3
-12.5°	0.0	62.0	178.2	307.0	468.0	667.0	906.7	1214.4	1603.9	2070.0	2569.6
-15°	0.0	61.3	175.4	303.0	460.3	656.0	890.5	1189.3	1553.5	1972.1	2435.4
-17.5°	0.0	60.6	172.2	298.3	451.6	642.9	871.7	1150.7	1483.2	1869.8	2296.2
-20°	0.0	59.7	168.6	292.7	441.8	627.7	846.5	1101.6	1409.7	1764.3	2153.5



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 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	58.7	164.5	286.4	430.9	610.4	813.0	1050.0	1333.7	1656.3	2008.4
-25°	0.0	57.5	160.1	279.3	419.1	587.7	777.8	996.2	1255.6	1546.8	1862.0
-27.5°	0.0	56.3	155.3	271.3	406.4	562.3	740.9	940.4	1176.0	1441.0	1728.1
-30°	0.0	55.0	150.1	262.6	392.5	535.8	702.5	883.0	1102.3	1343.6	1596.2
-32.5°	0.0	53.6	144.5	253.1	375.9	508.2	662.8	832.2	1031.8	1246.7	1466.6
-35°	0.0	52.0	138.6	242.9	358.4	479.8	625.7	783.0	960.5	1150.6	1339.9
-37.5°	0.0	50.4	132.4	231.9	340.2	452.6	589.5	732.8	888.7	1055.8	1224.8
-40°	0.0	48.6	125.8	220.2	321.3	428.6	552.7	681.9	816.6	970.2	1118.5
-42.5°	0.0	46.8	119.0	207.5	302.7	403.9	515.4	630.4	753.1	888.4	1015.5
-45°	0.0	44.9	111.8	194.0	284.6	378.5	477.8	581.8	693.6	808.2	917.7
-47.5°	0.0	42.9	104.3	180.0	266.0	352.4	439.8	537.9	634.1	730.0	831.8
-50°	0.0	40.8	96.6	167.7	247.0	325.8	407.1	494.0	575.9	665.8	748.9
-52.5°	0.0	38.6	88.7	155.6	227.6	298.5	374.7	450.4	525.0	602.6	670.1
-55°	0.0	36.4	80.5	143.2	207.9	273.7	341.8	407.6	476.8	540.4	603.8
-57.5°	0.0	34.1	72.0	130.5	187.7	249.1	308.5	369.3	428.5	485.6	539.2
-60°	0.0	31.7	63.4	117.5	167.5	224.2	275.3	330.9	381.4	432.7	478.0
-62.5°	0.0	29.3	58.6	104.4	150.3	199.0	246.0	292.5	339.3	380.0	421.5
-65°	0.0	26.8	53.6	91.0	132.8	173.6	216.6	255.6	297.3	333.6	365.4
-67.5°	0.0	24.3	48.5	77.4	115.1	150.1	187.1	222.8	255.6	289.1	316.1
-70°	0.0	21.7	43.4	63.6	97.3	128.4	157.4	189.9	219.4	245.0	270.2
-72.5°	0.0	19.1	38.1	54.8	79.3	106.5	131.4	156.9	183.3	206.3	225.7
-75°	0.0	16.4	32.8	47.1	61.1	84.5	105.9	127.1	147.3	167.7	185.2
-77.5°	0.0	13.7	27.5	39.3	49.7	62.4	80.3	98.3	115.0	130.3	144.8
-80°	0.0	11.0	22.0	31.5	39.8	47.0	54.6	69.4	83.1	95.6	106.9
-82.5°	0.0	8.3	16.6	23.6	29.9	35.3	39.8	45.1	51.1	60.9	69.8
-85°	0.0	5.5	11.1	15.8	19.9	23.5	26.6	30.1	33.4	36.4	39.2
-87.5°	0.0	2.8	5.5	7.9	10.0	11.8	13.3	15.1	16.7	18.2	19.6
-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°	21.1	22.6	23.9	25.2	26.4	27.4	28.4	29.3	30.6	31.8	32.9
85°	42.3	45.1	50.0	54.0	57.6	60.8	63.5	65.8	68.1	70.1	71.6
82.5°	77.7	84.2	89.4	93.4	97.8	101.7	105.1	108.0	111.0	113.8	116.3
80°	116.2	123.5	131.2	137.8	144.3	149.2	152.3	153.6	157.4	162.4	167.4
77.5°	157.5	168.7	178.5	187.1	194.0	200.1	204.5	207.2	213.3	220.4	226.6
75°	200.3	214.0	227.6	239.6	249.1	256.1	261.3	265.5	272.9	282.2	290.2
72.5°	244.9	263.3	279.5	293.5	306.2	316.0	323.2	327.9	335.3	346.3	355.1
70°	291.9	312.9	334.9	352.9	366.5	377.9	387.4	394.0	400.7	411.8	420.1
67.5°	340.5	370.6	394.9	414.0	429.1	443.1	453.8	460.9	463.9	475.1	484.5
65°	397.8	430.0	457.1	478.4	493.5	510.9	523.0	528.9	530.8	543.0	554.5
62.5°	456.2	491.8	521.5	546.0	565.6	582.2	595.6	603.2	604.4	613.5	626.7
60°	518.5	554.9	590.3	619.8	640.8	657.8	672.4	680.4	682.0	685.7	700.8
57.5°	583.4	622.7	664.0	697.2	721.7	735.8	751.7	760.6	764.1	761.9	777.5
55°	654.1	695.0	741.5	780.2	806.4	819.2	834.0	846.7	851.1	848.3	857.6
52.5°	734.1	774.8	824.5	866.9	896.2	911.5	922.0	937.4	944.4	941.3	939.5
50°	818.2	869.4	910.5	959.0	994.3	1014.5	1014.8	1033.8	1043.0	1040.2	1027.6
47.5°	913.4	971.2	1002.3	1057.9	1103.8	1127.5	1129.1	1136.7	1148.0	1151.0	1140.2
45°	1016.3	1086.8	1120.2	1169.9	1221.3	1250.3	1259.2	1245.5	1265.8	1272.1	1265.3
42.5°	1124.6	1214.6	1267.4	1287.5	1347.4	1387.8	1403.3	1393.8	1392.7	1406.9	1406.6
40°	1249.7	1353.1	1432.3	1453.3	1483.6	1539.2	1572.2	1570.5	1533.5	1559.8	1566.7
37.5°	1383.5	1517.8	1615.8	1659.4	1636.4	1710.7	1759.0	1778.6	1755.6	1729.7	1759.2
35°	1524.3	1694.0	1826.0	1900.3	1903.6	1901.9	1977.6	2018.1	2020.9	1973.5	1984.3
32.5°	1681.8	1881.1	2056.0	2176.1	2230.6	2196.9	2216.6	2301.8	2343.6	2325.5	2257.3
30°	1851.0	2095.6	2310.0	2479.4	2601.3	2637.2	2556.0	2622.5	2715.0	2751.9	2722.3
27.5°	2022.1	2323.1	2595.0	2829.9	3018.7	3138.4	3141.3	3038.5	3143.4	3232.5	3266.9
25°	2195.9	2550.7	2897.2	3215.6	3501.4	3707.2	3801.9	3812.8	3666.2	3799.6	3923.8
22.5°	2381.1	2784.9	3196.1	3626.4	4024.6	4326.8	4556.3	4694.7	4690.2	4550.2	4659.5
20°	2577.2	3039.9	3518.7	4029.0	4572.2	4987.5	5372.2	5666.5	5843.7	5902.5	5787.8
17.5°	2772.8	3297.1	3857.3	4465.2	5093.7	5669.4	6246.0	6715.5	7087.5	7392.9	7502.1
15°	2966.1	3553.7	4197.3	4904.3	5630.6	6351.2	7092.5	7811.6	8444.6	9003.4	9334.6
12.5°	3154.8	3806.8	4534.6	5341.4	6175.0	7042.4	7926.9	8802.9	9714.8	10619.9	11307.8
10°	3336.8	4053.3	4864.9	5770.9	6718.8	7733.3	8759.8	9799.5	10907.3	11974.7	13002.4
7.5°	3414.7	4214.4	5149.4	6186.9	7253.5	8413.5	9580.1	10787.1	12081.5	13327.1	14582.0
5°	3462.7	4278.3	5229.4	6310.3	7496.8	8857.5	10249.4	11744.5	13221.5	14655.7	16134.4
2.5°	3494.6	4322.1	5282.8	6359.0	7533.0	8930.4	10339.9	11892.2	13549.4	15207.6	16968.1
0°	3510.3	4345.2	5309.4	6373.8	7528.4	8954.0	10374.8	11976.2	13655.6	15342.5	17144.0
-2.5°	3494.6	4322.1	5282.8	6359.0	7533.0	8930.4	10339.9	11892.2	13549.4	15207.6	16968.1
-5°	3462.7	4278.3	5229.4	6310.3	7496.8	8857.5	10249.4	11744.5	13221.5	14655.7	16134.4
-7.5°	3414.7	4214.4	5149.4	6186.9	7253.5	8413.5	9580.1	10787.1	12081.5	13327.1	14582.0
-10°	3336.8	4053.3	4864.9	5770.9	6718.8	7733.3	8759.8	9799.5	10907.3	11974.7	13002.4
-12.5°	3154.8	3806.8	4534.6	5341.4	6175.0	7042.4	7926.9	8802.9	9714.8	10619.9	11307.8
-15°	2966.1	3553.7	4197.3	4904.3	5630.6	6351.2	7092.5	7811.6	8444.6	9003.4	9334.6
-17.5°	2772.8	3297.1	3857.3	4465.2	5093.7	5669.4	6246.0	6715.5	7087.5	7392.9	7502.1
-20°	2577.2	3039.9	3518.7	4029.0	4572.2	4987.5	5372.2	5666.5	5843.7	5902.5	5787.8



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2381.1	2784.9	3196.1	3626.4	4024.6	4326.8	4556.3	4694.7	4690.2	4550.2	4659.5
-25°	2195.9	2550.7	2897.2	3215.6	3501.4	3707.2	3801.9	3812.8	3666.2	3799.6	3923.8
-27.5°	2022.1	2323.1	2595.0	2829.9	3018.7	3138.4	3141.3	3038.5	3143.4	3232.5	3266.9
-30°	1851.0	2095.6	2310.0	2479.4	2601.3	2637.2	2556.0	2622.5	2715.0	2751.9	2722.3
-32.5°	1681.8	1881.1	2056.0	2176.1	2230.6	2196.9	2216.6	2301.8	2343.6	2325.5	2257.3
-35°	1524.3	1694.0	1826.0	1900.3	1903.6	1901.9	1977.6	2018.1	2020.9	1973.5	1984.3
-37.5°	1383.5	1517.8	1615.8	1659.4	1636.4	1710.7	1759.0	1778.6	1755.6	1729.7	1759.2
-40°	1249.7	1353.1	1432.3	1453.3	1483.6	1539.2	1572.2	1570.5	1533.5	1559.8	1566.7
-42.5°	1124.6	1214.6	1267.4	1287.5	1347.4	1387.8	1403.3	1393.8	1392.7	1406.9	1406.6
-45°	1016.3	1086.8	1120.2	1169.9	1221.3	1250.3	1259.2	1245.5	1265.8	1272.1	1265.3
-47.5°	913.4	971.2	1002.3	1057.9	1103.8	1127.5	1129.1	1136.7	1148.0	1151.0	1140.2
-50°	818.2	869.4	910.5	959.0	994.3	1014.5	1014.8	1033.8	1043.0	1040.2	1027.6
-52.5°	734.1	774.8	824.5	866.9	896.2	911.5	922.0	937.4	944.4	941.3	939.5
-55°	654.1	695.0	741.5	780.2	806.4	819.2	834.0	846.7	851.1	848.3	857.6
-57.5°	583.4	622.7	664.0	697.2	721.7	735.8	751.7	760.6	764.1	761.9	777.5
-60°	518.5	554.9	590.3	619.8	640.8	657.8	672.4	680.4	682.0	685.7	700.8
-62.5°	456.2	491.8	521.5	546.0	565.6	582.2	595.6	603.2	604.4	613.5	626.7
-65°	397.8	430.0	457.1	478.4	493.5	510.9	523.0	528.9	530.8	543.0	554.5
-67.5°	340.5	370.6	394.9	414.0	429.1	443.1	453.8	460.9	463.9	475.1	484.5
-70°	291.9	312.9	334.9	352.9	366.5	377.9	387.4	394.0	400.7	411.8	420.1
-72.5°	244.9	263.3	279.5	293.5	306.2	316.0	323.2	327.9	335.3	346.3	355.1
-75°	200.3	214.0	227.6	239.6	249.1	256.1	261.3	265.5	272.9	282.2	290.2
-77.5°	157.5	168.7	178.5	187.1	194.0	200.1	204.5	207.2	213.3	220.4	226.6
-80°	116.2	123.5	131.2	137.8	144.3	149.2	152.3	153.6	157.4	162.4	167.4
-82.5°	77.7	84.2	89.4	93.4	97.8	101.7	105.1	108.0	111.0	113.8	116.3
-85°	42.3	45.1	50.0	54.0	57.6	60.8	63.5	65.8	68.1	70.1	71.6
-87.5°	21.1	22.6	23.9	25.2	26.4	27.4	28.4	29.3	30.6	31.8	32.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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°	34.0	33.5	32.8	32.0	31.0	31.0	31.0	30.8	30.6	30.4	30.0
85°	72.7	74.0	75.4	76.6	77.8	79.1	80.2	81.1	81.7	81.7	81.4
82.5°	118.3	122.3	126.2	129.9	133.4	135.3	136.7	137.6	138.1	139.2	140.1
80°	171.7	177.6	182.9	187.4	191.0	193.7	195.9	197.6	198.9	200.3	201.3
77.5°	232.4	238.9	245.1	250.5	255.1	259.5	263.2	266.2	268.4	271.8	274.9
75°	296.8	304.1	311.8	318.7	324.7	331.1	337.5	343.3	348.5	352.9	356.2
72.5°	361.9	369.6	379.1	387.8	396.0	404.7	413.2	420.7	427.1	433.2	438.6
70°	426.3	433.5	445.6	457.3	468.3	478.6	488.9	498.1	506.2	514.1	521.2
67.5°	492.7	500.3	515.3	528.9	541.0	552.4	564.4	575.0	584.3	592.6	599.8
65°	563.5	570.2	586.5	601.4	614.2	624.9	637.8	649.4	659.8	669.0	676.7
62.5°	636.8	643.5	657.0	671.7	683.9	694.2	709.3	722.4	733.5	742.8	750.6
60°	711.2	717.0	727.4	743.5	757.2	768.4	781.7	794.5	805.3	814.4	822.6
57.5°	788.5	794.4	799.4	815.5	828.7	838.9	850.5	863.0	873.5	882.1	890.6
55°	868.4	872.9	871.3	886.2	898.5	906.9	915.6	928.8	939.2	946.8	954.5
52.5°	950.0	955.3	951.6	957.9	971.3	978.8	982.6	996.9	1007.6	1014.4	1021.5
50°	1040.8	1045.1	1041.8	1038.1	1051.2	1059.0	1061.1	1072.6	1082.4	1087.6	1092.6
47.5°	1139.3	1144.5	1141.9	1127.7	1139.3	1149.2	1149.4	1154.3	1164.4	1168.4	1171.4
45°	1246.4	1256.6	1254.4	1244.5	1242.9	1253.0	1252.0	1248.1	1259.6	1264.8	1266.4
42.5°	1387.1	1383.7	1386.9	1381.2	1363.5	1374.9	1376.3	1361.8	1376.3	1382.6	1378.9
40°	1559.1	1527.7	1545.0	1542.5	1525.9	1523.4	1532.4	1520.6	1522.8	1531.7	1524.9
37.5°	1763.9	1741.5	1732.0	1739.8	1735.0	1713.8	1730.7	1726.5	1713.1	1728.2	1721.6
35°	2015.9	2009.2	1958.6	1989.4	1995.8	1975.7	1981.5	1990.2	1961.2	1984.0	1981.6
32.5°	2310.7	2325.6	2314.7	2295.8	2324.5	2328.1	2294.9	2334.9	2318.7	2324.4	2340.2
30°	2644.4	2721.0	2758.3	2724.9	2742.8	2778.5	2762.2	2789.9	2803.2	2782.4	2821.7
27.5°	3227.5	3200.3	3289.6	3328.4	3286.9	3351.9	3399.1	3378.2	3447.2	3406.4	3464.8
25°	3968.5	3928.6	3952.5	4080.9	4109.5	4076.5	4209.5	4225.1	4279.9	4286.6	4327.4
22.5°	4839.1	4935.4	4924.2	4963.4	5124.6	5178.7	5227.8	5355.7	5326.5	5442.6	5462.7
20°	5812.5	6054.7	6221.6	6256.6	6325.6	6511.1	6596.2	6697.2	6764.9	6874.8	6967.7
17.5°	7459.3	7335.2	7662.4	7867.9	7976.1	8014.7	8238.2	8311.0	8478.8	8574.7	8669.9
15°	9573.6	9645.9	9498.1	9694.1	10025.2	10137.0	10008.5	10308.5	10392.9	10554.4	10583.0
12.5°	11833.4	12199.2	12378.6	12427.3	12254.3	12725.2	12913.8	12677.0	12945.6	12897.2	13118.2
10°	13989.7	14878.6	15410.6	15784.9	16012.4	16149.4	16285.7	16530.4	16534.6	16716.0	16610.1
7.5°	15760.0	16887.0	17963.5	19007.9	19843.3	20311.6	20679.4	21032.0	21502.7	21728.1	21874.6
5°	17492.0	18792.2	20080.3	21346.3	22492.8	23595.7	24676.7	25614.4	26111.3	26692.0	27209.7
2.5°	18612.2	20256.8	21901.9	23531.4	24856.1	26071.6	27196.7	28241.7	29158.4	30006.4	30722.5
0°	18830.8	20671.4	22387.5	24013.3	25504.9	27006.1	28317.0	29498.5	30497.0	31397.7	32005.6
-2.5°	18612.2	20256.8	21901.9	23531.4	24856.1	26071.6	27196.7	28241.7	29158.4	30006.4	30722.5
-5°	17492.0	18792.2	20080.3	21346.3	22492.8	23595.7	24676.7	25614.4	26111.3	26692.0	27209.7
-7.5°	15760.0	16887.0	17963.5	19007.9	19843.3	20311.6	20679.4	21032.0	21502.7	21728.1	21874.6
-10°	13989.7	14878.6	15410.6	15784.9	16012.4	16149.4	16285.7	16530.4	16534.6	16716.0	16610.1
-12.5°	11833.4	12199.2	12378.6	12427.3	12254.3	12725.2	12913.8	12677.0	12945.6	12897.2	13118.2
-15°	9573.6	9645.9	9498.1	9694.1	10025.2	10137.0	10008.5	10308.5	10392.9	10554.4	10583.0
-17.5°	7459.3	7335.2	7662.4	7867.9	7976.1	8014.7	8238.2	8311.0	8478.8	8574.7	8669.9
-20°	5812.5	6054.7	6221.6	6256.6	6325.6	6511.1	6596.2	6697.2	6764.9	6874.8	6967.7



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4839.1	4935.4	4924.2	4963.4	5124.6	5178.7	5227.8	5355.7	5326.5	5442.6	5462.7
-25°	3968.5	3928.6	3952.5	4080.9	4109.5	4076.5	4209.5	4225.1	4279.9	4286.6	4327.4
-27.5°	3227.5	3200.3	3289.6	3328.4	3286.9	3351.9	3399.1	3378.2	3447.2	3406.4	3464.8
-30°	2644.4	2721.0	2758.3	2724.9	2742.8	2778.5	2762.2	2789.9	2803.2	2782.4	2821.7
-32.5°	2310.7	2325.6	2314.7	2295.8	2324.5	2328.1	2294.9	2334.9	2318.7	2324.4	2340.2
-35°	2015.9	2009.2	1958.6	1989.4	1995.8	1975.7	1981.5	1990.2	1961.2	1984.0	1981.6
-37.5°	1763.9	1741.5	1732.0	1739.8	1735.0	1713.8	1730.7	1726.5	1713.1	1728.2	1721.6
-40°	1559.1	1527.7	1545.0	1542.5	1525.9	1523.4	1532.4	1520.6	1522.8	1531.7	1524.9
-42.5°	1387.1	1383.7	1386.9	1381.2	1363.5	1374.9	1376.3	1361.8	1376.3	1382.6	1378.9
-45°	1246.4	1256.6	1254.4	1244.5	1242.9	1253.0	1252.0	1248.1	1259.6	1264.8	1266.4
-47.5°	1139.3	1144.5	1141.9	1127.7	1139.3	1149.2	1149.4	1154.3	1164.4	1168.4	1171.4
-50°	1040.8	1045.1	1041.8	1038.1	1051.2	1059.0	1061.1	1072.6	1082.4	1087.6	1092.6
-52.5°	950.0	955.3	951.6	957.9	971.3	978.8	982.6	996.9	1007.6	1014.4	1021.5
-55°	868.4	872.9	871.3	886.2	898.5	906.9	915.6	928.8	939.2	946.8	954.5
-57.5°	788.5	794.4	799.4	815.5	828.7	838.9	850.5	863.0	873.5	882.1	890.6
-60°	711.2	717.0	727.4	743.5	757.2	768.4	781.7	794.5	805.3	814.4	822.6
-62.5°	636.8	643.5	657.0	671.7	683.9	694.2	709.3	722.4	733.5	742.8	750.6
-65°	563.5	570.2	586.5	601.4	614.2	624.9	637.8	649.4	659.8	669.0	676.7
-67.5°	492.7	500.3	515.3	528.9	541.0	552.4	564.4	575.0	584.3	592.6	599.8
-70°	426.3	433.5	445.6	457.3	468.3	478.6	488.9	498.1	506.2	514.1	521.2
-72.5°	361.9	369.6	379.1	387.8	396.0	404.7	413.2	420.7	427.1	433.2	438.6
-75°	296.8	304.1	311.8	318.7	324.7	331.1	337.5	343.3	348.5	352.9	356.2
-77.5°	232.4	238.9	245.1	250.5	255.1	259.5	263.2	266.2	268.4	271.8	274.9
-80°	171.7	177.6	182.9	187.4	191.0	193.7	195.9	197.6	198.9	200.3	201.3
-82.5°	118.3	122.3	126.2	129.9	133.4	135.3	136.7	137.6	138.1	139.2	140.1
-85°	72.7	74.0	75.4	76.6	77.8	79.1	80.2	81.1	81.7	81.7	81.4
-87.5°	34.0	33.5	32.8	32.0	31.0	31.0	31.0	30.8	30.6	30.4	30.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-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°	29.6	29.2	30.5	31.7	30.5	29.2	29.6	30.0	30.4	30.6	30.8
85°	80.9	80.2	81.7	83.0	81.7	80.2	80.9	81.4	81.7	81.7	81.1
82.5°	140.7	140.9	141.4	141.6	141.4	140.9	140.7	140.1	139.2	138.1	137.6
80°	201.7	201.7	201.2	200.2	201.2	201.7	201.7	201.3	200.3	198.9	197.6
77.5°	277.4	279.2	280.3	280.7	280.3	279.2	277.4	274.9	271.8	268.4	266.2
75°	358.3	359.5	359.6	358.8	359.6	359.5	358.3	356.2	352.9	348.5	343.3
72.5°	443.2	446.7	447.4	446.7	447.4	446.7	443.2	438.6	433.2	427.1	420.7
70°	527.1	531.7	531.6	529.7	531.6	531.7	527.1	521.2	514.1	506.2	498.1
67.5°	605.6	609.8	613.1	615.2	613.1	609.8	605.6	599.8	592.6	584.3	575.0
65°	682.9	687.5	690.0	690.8	690.0	687.5	682.9	676.7	669.0	659.8	649.4
62.5°	756.5	760.8	763.3	764.1	763.3	760.8	756.5	750.6	742.8	733.5	722.4
60°	829.0	833.6	834.3	832.4	834.3	833.6	829.0	822.6	814.4	805.3	794.5
57.5°	897.2	901.9	901.7	898.3	901.7	901.9	897.2	890.6	882.1	873.5	863.0
55°	960.1	963.5	964.8	964.2	964.8	963.5	960.1	954.5	946.8	939.2	928.8
52.5°	1026.7	1029.4	1030.6	1030.2	1030.6	1029.4	1026.7	1021.5	1014.4	1007.6	996.9
50°	1096.2	1096.5	1096.5	1096.1	1096.5	1096.5	1096.2	1092.6	1087.6	1082.4	1072.6
47.5°	1175.7	1176.5	1176.7	1176.6	1176.7	1176.5	1175.7	1171.4	1168.4	1164.4	1154.3
45°	1269.6	1267.0	1264.3	1264.5	1264.3	1267.0	1269.6	1266.4	1264.8	1259.6	1248.1
42.5°	1382.3	1379.4	1375.9	1376.8	1375.9	1379.4	1382.3	1378.9	1382.6	1376.3	1361.8
40°	1530.8	1530.1	1525.1	1523.3	1525.1	1530.1	1530.8	1524.9	1531.7	1522.8	1520.6
37.5°	1722.6	1719.8	1708.7	1703.9	1708.7	1719.8	1722.6	1721.6	1728.2	1713.1	1726.5
35°	1974.9	1971.1	1954.0	1955.3	1954.0	1971.1	1974.9	1981.6	1984.0	1961.2	1990.2
32.5°	2332.3	2333.6	2307.9	2302.0	2307.9	2333.6	2332.3	2340.2	2324.4	2318.7	2334.9
30°	2797.3	2807.5	2777.2	2790.2	2777.2	2807.5	2797.3	2821.7	2782.4	2803.2	2789.9
27.5°	3463.6	3483.1	3456.4	3434.7	3456.4	3483.1	3463.6	3464.8	3406.4	3447.2	3378.2
25°	4380.8	4395.3	4364.7	4337.9	4364.7	4395.3	4380.8	4327.4	4286.6	4279.9	4225.1
22.5°	5574.7	5573.8	5572.3	5614.6	5572.3	5573.8	5574.7	5462.7	5442.6	5326.5	5355.7
20°	7027.6	6992.4	7045.1	7079.3	7045.1	6992.4	7027.6	6967.7	6874.8	6764.9	6697.2
17.5°	8692.0	8758.0	8808.6	8893.0	8808.6	8758.0	8692.0	8669.9	8574.7	8478.8	8311.0
15°	10654.6	10754.1	10804.7	10777.6	10804.7	10754.1	10654.6	10583.0	10554.4	10392.9	10308.5
12.5°	13126.0	13244.8	13157.1	13047.8	13157.1	13244.8	13126.0	13118.2	12897.2	12945.6	12677.0
10°	16611.6	16867.5	16881.8	16668.0	16881.8	16867.5	16611.6	16610.1	16716.0	16534.6	16530.4
7.5°	21959.7	22084.0	22273.0	22282.6	22273.0	22084.0	21959.7	21874.6	21728.1	21502.7	21032.0
5°	27444.4	27775.7	27989.3	28358.5	27989.3	27775.7	27444.4	27209.7	26692.0	26111.3	25614.4
2.5°	31185.0	31613.1	31777.6	32196.0	31777.6	31613.1	31185.0	30722.5	30006.4	29158.4	28241.7
0°	32547.5	32894.1	33101.6	33267.6	33101.6	32894.1	32547.5	32005.6	31397.7	30497.0	29498.5
-2.5°	31185.0	31613.1	31777.6	32196.0	31777.6	31613.1	31185.0	30722.5	30006.4	29158.4	28241.7
-5°	27444.4	27775.7	27989.3	28358.5	27989.3	27775.7	27444.4	27209.7	26692.0	26111.3	25614.4
-7.5°	21959.7	22084.0	22273.0	22282.6	22273.0	22084.0	21959.7	21874.6	21728.1	21502.7	21032.0
-10°	16611.6	16867.5	16881.8	16668.0	16881.8	16867.5	16611.6	16610.1	16716.0	16534.6	16530.4
-12.5°	13126.0	13244.8	13157.1	13047.8	13157.1	13244.8	13126.0	13118.2	12897.2	12945.6	12677.0
-15°	10654.6	10754.1	10804.7	10777.6	10804.7	10754.1	10654.6	10583.0	10554.4	10392.9	10308.5
-17.5°	8692.0	8758.0	8808.6	8893.0	8808.6	8758.0	8692.0	8669.9	8574.7	8478.8	8311.0
-20°	7027.6	6992.4	7045.1	7079.3	7045.1	6992.4	7027.6	6967.7	6874.8	6764.9	6697.2



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5574.7	5573.8	5572.3	5614.6	5572.3	5573.8	5574.7	5462.7	5442.6	5326.5	5355.7
-25°	4380.8	4395.3	4364.7	4337.9	4364.7	4395.3	4380.8	4327.4	4286.6	4279.9	4225.1
-27.5°	3463.6	3483.1	3456.4	3434.7	3456.4	3483.1	3463.6	3464.8	3406.4	3447.2	3378.2
-30°	2797.3	2807.5	2777.2	2790.2	2777.2	2807.5	2797.3	2821.7	2782.4	2803.2	2789.9
-32.5°	2332.3	2333.6	2307.9	2302.0	2307.9	2333.6	2332.3	2340.2	2324.4	2318.7	2334.9
-35°	1974.9	1971.1	1954.0	1955.3	1954.0	1971.1	1974.9	1981.6	1984.0	1961.2	1990.2
-37.5°	1722.6	1719.8	1708.7	1703.9	1708.7	1719.8	1722.6	1721.6	1728.2	1713.1	1726.5
-40°	1530.8	1530.1	1525.1	1523.3	1525.1	1530.1	1530.8	1524.9	1531.7	1522.8	1520.6
-42.5°	1382.3	1379.4	1375.9	1376.8	1375.9	1379.4	1382.3	1378.9	1382.6	1376.3	1361.8
-45°	1269.6	1267.0	1264.3	1264.5	1264.3	1267.0	1269.6	1266.4	1264.8	1259.6	1248.1
-47.5°	1175.7	1176.5	1176.7	1176.6	1176.7	1176.5	1175.7	1171.4	1168.4	1164.4	1154.3
-50°	1096.2	1096.5	1096.5	1096.1	1096.5	1096.5	1096.2	1092.6	1087.6	1082.4	1072.6
-52.5°	1026.7	1029.4	1030.6	1030.2	1030.6	1029.4	1026.7	1021.5	1014.4	1007.6	996.9
-55°	960.1	963.5	964.8	964.2	964.8	963.5	960.1	954.5	946.8	939.2	928.8
-57.5°	897.2	901.9	901.7	898.3	901.7	901.9	897.2	890.6	882.1	873.5	863.0
-60°	829.0	833.6	834.3	832.4	834.3	833.6	829.0	822.6	814.4	805.3	794.5
-62.5°	756.5	760.8	763.3	764.1	763.3	760.8	756.5	750.6	742.8	733.5	722.4
-65°	682.9	687.5	690.0	690.8	690.0	687.5	682.9	676.7	669.0	659.8	649.4
-67.5°	605.6	609.8	613.1	615.2	613.1	609.8	605.6	599.8	592.6	584.3	575.0
-70°	527.1	531.7	531.6	529.7	531.6	531.7	527.1	521.2	514.1	506.2	498.1
-72.5°	443.2	446.7	447.4	446.7	447.4	446.7	443.2	438.6	433.2	427.1	420.7
-75°	358.3	359.5	359.6	358.8	359.6	359.5	358.3	356.2	352.9	348.5	343.3
-77.5°	277.4	279.2	280.3	280.7	280.3	279.2	277.4	274.9	271.8	268.4	266.2
-80°	201.7	201.7	201.2	200.2	201.2	201.7	201.7	201.3	200.3	198.9	197.6
-82.5°	140.7	140.9	141.4	141.6	141.4	140.9	140.7	140.1	139.2	138.1	137.6
-85°	80.9	80.2	81.7	83.0	81.7	80.2	80.9	81.4	81.7	81.7	81.1
-87.5°	29.6	29.2	30.5	31.7	30.5	29.2	29.6	30.0	30.4	30.6	30.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559182 (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°	31.0	31.0	31.0	32.0	32.8	33.5	34.0	32.9	31.8	30.6	29.3
85°	80.2	79.1	77.8	76.6	75.4	74.0	72.7	71.6	70.1	68.1	65.8
82.5°	136.7	135.3	133.4	129.9	126.2	122.3	118.3	116.3	113.8	111.0	108.0
80°	195.9	193.7	191.0	187.4	182.9	177.6	171.7	167.4	162.4	157.4	153.6
77.5°	263.2	259.5	255.1	250.5	245.1	238.9	232.4	226.6	220.4	213.3	207.2
75°	337.5	331.1	324.7	318.7	311.8	304.1	296.8	290.2	282.2	272.9	265.5
72.5°	413.2	404.7	396.0	387.8	379.1	369.6	361.9	355.1	346.3	335.3	327.9
70°	488.9	478.6	468.3	457.3	445.6	433.5	426.3	420.1	411.8	400.7	394.0
67.5°	564.4	552.4	541.0	528.9	515.3	500.3	492.7	484.5	475.1	463.9	460.9
65°	637.8	624.9	614.2	601.4	586.5	570.2	563.5	554.5	543.0	530.8	528.9
62.5°	709.3	694.2	683.9	671.7	657.0	643.5	636.8	626.7	613.5	604.4	603.2
60°	781.7	768.4	757.2	743.5	727.4	717.0	711.2	700.8	685.7	682.0	680.4
57.5°	850.5	838.9	828.7	815.5	799.4	794.4	788.5	777.5	761.9	764.1	760.6
55°	915.6	906.9	898.5	886.2	871.3	872.9	868.4	857.6	848.3	851.1	846.7
52.5°	982.6	978.8	971.3	957.9	951.6	955.3	950.0	939.5	941.3	944.4	937.4
50°	1061.1	1059.0	1051.2	1038.1	1041.8	1045.1	1040.8	1027.6	1040.2	1043.0	1033.8
47.5°	1149.4	1149.2	1139.3	1127.7	1141.9	1144.5	1139.3	1140.2	1151.0	1148.0	1136.7
45°	1252.0	1253.0	1242.9	1244.5	1254.4	1256.6	1246.4	1265.3	1272.1	1265.8	1245.5
42.5°	1376.3	1374.9	1363.5	1381.2	1386.9	1383.7	1387.1	1406.6	1406.9	1392.7	1393.8
40°	1532.4	1523.4	1525.9	1542.5	1545.0	1527.7	1559.1	1566.7	1559.8	1533.5	1570.5
37.5°	1730.7	1713.8	1735.0	1739.8	1732.0	1741.5	1763.9	1759.2	1729.7	1755.6	1778.6
35°	1981.5	1975.7	1995.8	1989.4	1958.6	2009.2	2015.9	1984.3	1973.5	2020.9	2018.1
32.5°	2294.9	2328.1	2324.5	2295.8	2314.7	2325.6	2310.7	2257.3	2325.5	2343.6	2301.8
30°	2762.2	2778.5	2742.8	2724.9	2758.3	2721.0	2644.4	2722.3	2751.9	2715.0	2622.5
27.5°	3399.1	3351.9	3286.9	3328.4	3289.6	3200.3	3227.5	3266.9	3232.5	3143.4	3038.5
25°	4209.5	4076.5	4109.5	4080.9	3952.5	3928.6	3968.5	3923.8	3799.6	3666.2	3812.8
22.5°	5227.8	5178.7	5124.6	4963.4	4924.2	4935.4	4839.1	4659.5	4550.2	4690.2	4694.7
20°	6596.2	6511.1	6325.6	6256.6	6221.6	6054.7	5812.5	5787.8	5902.5	5843.7	5666.5
17.5°	8238.2	8014.7	7976.1	7867.9	7662.4	7335.2	7459.3	7502.1	7392.9	7087.5	6715.5
15°	10008.5	10137.0	10025.2	9694.1	9498.1	9645.9	9573.6	9334.6	9003.4	8444.6	7811.6
12.5°	12913.8	12725.2	12254.3	12427.3	12378.6	12199.2	11833.4	11307.8	10619.9	9714.8	8802.9
10°	16285.7	16149.4	16012.4	15784.9	15410.6	14878.6	13989.7	13002.4	11974.7	10907.3	9799.5
7.5°	20679.4	20311.6	19843.3	19007.9	17963.5	16887.0	15760.0	14582.0	13327.1	12081.5	10787.1
5°	24676.7	23595.7	22492.8	21346.3	20080.3	18792.2	17492.0	16134.4	14655.7	13221.5	11744.5
2.5°	27196.7	26071.6	24856.1	23531.4	21901.9	20256.8	18612.2	16968.1	15207.6	13549.4	11892.2
0°	28317.0	27006.1	25504.9	24013.3	22387.5	20671.4	18830.8	17144.0	15342.5	13655.6	11976.2
-2.5°	27196.7	26071.6	24856.1	23531.4	21901.9	20256.8	18612.2	16968.1	15207.6	13549.4	11892.2
-5°	24676.7	23595.7	22492.8	21346.3	20080.3	18792.2	17492.0	16134.4	14655.7	13221.5	11744.5
-7.5°	20679.4	20311.6	19843.3	19007.9	17963.5	16887.0	15760.0	14582.0	13327.1	12081.5	10787.1
-10°	16285.7	16149.4	16012.4	15784.9	15410.6	14878.6	13989.7	13002.4	11974.7	10907.3	9799.5
-12.5°	12913.8	12725.2	12254.3	12427.3	12378.6	12199.2	11833.4	11307.8	10619.9	9714.8	8802.9
-15°	10008.5	10137.0	10025.2	9694.1	9498.1	9645.9	9573.6	9334.6	9003.4	8444.6	7811.6
-17.5°	8238.2	8014.7	7976.1	7867.9	7662.4	7335.2	7459.3	7502.1	7392.9	7087.5	6715.5
-20°	6596.2	6511.1	6325.6	6256.6	6221.6	6054.7	5812.5	5787.8	5902.5	5843.7	5666.5



REPORT NUMBER: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5227.8	5178.7	5124.6	4963.4	4924.2	4935.4	4839.1	4659.5	4550.2	4690.2	4694.7
-25°	4209.5	4076.5	4109.5	4080.9	3952.5	3928.6	3968.5	3923.8	3799.6	3666.2	3812.8
-27.5°	3399.1	3351.9	3286.9	3328.4	3289.6	3200.3	3227.5	3266.9	3232.5	3143.4	3038.5
-30°	2762.2	2778.5	2742.8	2724.9	2758.3	2721.0	2644.4	2722.3	2751.9	2715.0	2622.5
-32.5°	2294.9	2328.1	2324.5	2295.8	2314.7	2325.6	2310.7	2257.3	2325.5	2343.6	2301.8
-35°	1981.5	1975.7	1995.8	1989.4	1958.6	2009.2	2015.9	1984.3	1973.5	2020.9	2018.1
-37.5°	1730.7	1713.8	1735.0	1739.8	1732.0	1741.5	1763.9	1759.2	1729.7	1755.6	1778.6
-40°	1532.4	1523.4	1525.9	1542.5	1545.0	1527.7	1559.1	1566.7	1559.8	1533.5	1570.5
-42.5°	1376.3	1374.9	1363.5	1381.2	1386.9	1383.7	1387.1	1406.6	1406.9	1392.7	1393.8
-45°	1252.0	1253.0	1242.9	1244.5	1254.4	1256.6	1246.4	1265.3	1272.1	1265.8	1245.5
-47.5°	1149.4	1149.2	1139.3	1127.7	1141.9	1144.5	1139.3	1140.2	1151.0	1148.0	1136.7
-50°	1061.1	1059.0	1051.2	1038.1	1041.8	1045.1	1040.8	1027.6	1040.2	1043.0	1033.8
-52.5°	982.6	978.8	971.3	957.9	951.6	955.3	950.0	939.5	941.3	944.4	937.4
-55°	915.6	906.9	898.5	886.2	871.3	872.9	868.4	857.6	848.3	851.1	846.7
-57.5°	850.5	838.9	828.7	815.5	799.4	794.4	788.5	777.5	761.9	764.1	760.6
-60°	781.7	768.4	757.2	743.5	727.4	717.0	711.2	700.8	685.7	682.0	680.4
-62.5°	709.3	694.2	683.9	671.7	657.0	643.5	636.8	626.7	613.5	604.4	603.2
-65°	637.8	624.9	614.2	601.4	586.5	570.2	563.5	554.5	543.0	530.8	528.9
-67.5°	564.4	552.4	541.0	528.9	515.3	500.3	492.7	484.5	475.1	463.9	460.9
-70°	488.9	478.6	468.3	457.3	445.6	433.5	426.3	420.1	411.8	400.7	394.0
-72.5°	413.2	404.7	396.0	387.8	379.1	369.6	361.9	355.1	346.3	335.3	327.9
-75°	337.5	331.1	324.7	318.7	311.8	304.1	296.8	290.2	282.2	272.9	265.5
-77.5°	263.2	259.5	255.1	250.5	245.1	238.9	232.4	226.6	220.4	213.3	207.2
-80°	195.9	193.7	191.0	187.4	182.9	177.6	171.7	167.4	162.4	157.4	153.6
-82.5°	136.7	135.3	133.4	129.9	126.2	122.3	118.3	116.3	113.8	111.0	108.0
-85°	80.2	79.1	77.8	76.6	75.4	74.0	72.7	71.6	70.1	68.1	65.8
-87.5°	31.0	31.0	31.0	32.0	32.8	33.5	34.0	32.9	31.8	30.6	29.3
-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: P559182 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-NAT-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°	28.4	27.4	26.4	25.2	23.9	22.6	21.1	19.6	18.2	16.7	15.1
85°	63.5	60.8	57.6	54.0	50.0	45.1	42.3	39.2	36.4	33.4	30.1
82.5°	105.1	101.7	97.8	93.4	89.4	84.2	77.7	69.8	60.9	51.1	45.1
80°	152.3	149.2	144.3	137.8	131.2	123.5	116.2	106.9	95.6	83.1	69.4
77.5°	204.5	200.1	194.0	187.1	178.5	168.7	157.5	144.8	130.3	115.0	98.3
75°	261.3	256.1	249.1	239.6	227.6	214.0	200.3	185.2	167.7	147.3	127.1
72.5°	323.2	316.0	306.2	293.5	279.5	263.3	244.9	225.7	206.3	183.3	156.9
70°	387.4	377.9	366.5	352.9	334.9	312.9	291.9	270.2	245.0	219.4	189.9
67.5°	453.8	443.1	429.1	414.0	394.9	370.6	340.5	316.1	289.1	255.6	222.8
65°	523.0	510.9	493.5	478.4	457.1	430.0	397.8	365.4	333.6	297.3	255.6
62.5°	595.6	582.2	565.6	546.0	521.5	491.8	456.2	421.5	380.0	339.3	292.5
60°	672.4	657.8	640.8	619.8	590.3	554.9	518.5	478.0	432.7	381.4	330.9
57.5°	751.7	735.8	721.7	697.2	664.0	622.7	583.4	539.2	485.6	428.5	369.3
55°	834.0	819.2	806.4	780.2	741.5	695.0	654.1	603.8	540.4	476.8	407.6
52.5°	922.0	911.5	896.2	866.9	824.5	774.8	734.1	670.1	602.6	525.0	450.4
50°	1014.8	1014.5	994.3	959.0	910.5	869.4	818.2	748.9	665.8	575.9	494.0
47.5°	1129.1	1127.5	1103.8	1057.9	1002.3	971.2	913.4	831.8	730.0	634.1	537.9
45°	1259.2	1250.3	1221.3	1169.9	1120.2	1086.8	1016.3	917.7	808.2	693.6	581.8
42.5°	1403.3	1387.8	1347.4	1287.5	1267.4	1214.6	1124.6	1015.5	888.4	753.1	630.4
40°	1572.2	1539.2	1483.6	1453.3	1432.3	1353.1	1249.7	1118.5	970.2	816.6	681.9
37.5°	1759.0	1710.7	1636.4	1659.4	1615.8	1517.8	1383.5	1224.8	1055.8	888.7	732.8
35°	1977.6	1901.9	1903.6	1900.3	1826.0	1694.0	1524.3	1339.9	1150.6	960.5	783.0
32.5°	2216.6	2196.9	2230.6	2176.1	2056.0	1881.1	1681.8	1466.6	1246.7	1031.8	832.2
30°	2556.0	2637.2	2601.3	2479.4	2310.0	2095.6	1851.0	1596.2	1343.6	1102.3	883.0
27.5°	3141.3	3138.4	3018.7	2829.9	2595.0	2323.1	2022.1	1728.1	1441.0	1176.0	940.4
25°	3801.9	3707.2	3501.4	3215.6	2897.2	2550.7	2195.9	1862.0	1546.8	1255.6	996.2
22.5°	4556.3	4326.8	4024.6	3626.4	3196.1	2784.9	2381.1	2008.4	1656.3	1333.7	1050.0
20°	5372.2	4987.5	4572.2	4029.0	3518.7	3039.9	2577.2	2153.5	1764.3	1409.7	1101.6
17.5°	6246.0	5669.4	5093.7	4465.2	3857.3	3297.1	2772.8	2296.2	1869.8	1483.2	1150.7
15°	7092.5	6351.2	5630.6	4904.3	4197.3	3553.7	2966.1	2435.4	1972.1	1553.5	1189.3
12.5°	7926.9	7042.4	6175.0	5341.4	4534.6	3806.8	3154.8	2569.6	2070.0	1603.9	1214.4
10°	8759.8	7733.3	6718.8	5770.9	4864.9	4053.3	3336.8	2674.3	2116.2	1636.2	1235.2
7.5°	9580.1	8413.5	7253.5	6186.9	5149.4	4214.4	3414.7	2721.7	2146.7	1662.2	1251.7
5°	10249.4	8857.5	7496.8	6310.3	5229.4	4278.3	3462.7	2758.5	2167.7	1681.9	1263.7
2.5°	10339.9	8930.4	7533.0	6359.0	5282.8	4322.1	3494.6	2783.9	2179.5	1695.0	1271.3
0°	10374.8	8954.0	7528.4	6373.8	5309.4	4345.2	3510.3	2797.5	2182.4	1701.5	1274.3
-2.5°	10339.9	8930.4	7533.0	6359.0	5282.8	4322.1	3494.6	2783.9	2179.5	1695.0	1271.3
-5°	10249.4	8857.5	7496.8	6310.3	5229.4	4278.3	3462.7	2758.5	2167.7	1681.9	1263.7
-7.5°	9580.1	8413.5	7253.5	6186.9	5149.4	4214.4	3414.7	2721.7	2146.7	1662.2	1251.7
-10°	8759.8	7733.3	6718.8	5770.9	4864.9	4053.3	3336.8	2674.3	2116.2	1636.2	1235.2
-12.5°	7926.9	7042.4	6175.0	5341.4	4534.6	3806.8	3154.8	2569.6	2070.0	1603.9	1214.4
-15°	7092.5	6351.2	5630.6	4904.3	4197.3	3553.7	2966.1	2435.4	1972.1	1553.5	1189.3
-17.5°	6246.0	5669.4	5093.7	4465.2	3857.3	3297.1	2772.8	2296.2	1869.8	1483.2	1150.7
-20°	5372.2	4987.5	4572.2	4029.0	3518.7	3039.9	2577.2	2153.5	1764.3	1409.7	1101.6



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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°	4556.3	4326.8	4024.6	3626.4	3196.1	2784.9	2381.1	2008.4	1656.3	1333.7	1050.0
-25°	3801.9	3707.2	3501.4	3215.6	2897.2	2550.7	2195.9	1862.0	1546.8	1255.6	996.2
-27.5°	3141.3	3138.4	3018.7	2829.9	2595.0	2323.1	2022.1	1728.1	1441.0	1176.0	940.4
-30°	2556.0	2637.2	2601.3	2479.4	2310.0	2095.6	1851.0	1596.2	1343.6	1102.3	883.0
-32.5°	2216.6	2196.9	2230.6	2176.1	2056.0	1881.1	1681.8	1466.6	1246.7	1031.8	832.2
-35°	1977.6	1901.9	1903.6	1900.3	1826.0	1694.0	1524.3	1339.9	1150.6	960.5	783.0
-37.5°	1759.0	1710.7	1636.4	1659.4	1615.8	1517.8	1383.5	1224.8	1055.8	888.7	732.8
-40°	1572.2	1539.2	1483.6	1453.3	1432.3	1353.1	1249.7	1118.5	970.2	816.6	681.9
-42.5°	1403.3	1387.8	1347.4	1287.5	1267.4	1214.6	1124.6	1015.5	888.4	753.1	630.4
-45°	1259.2	1250.3	1221.3	1169.9	1120.2	1086.8	1016.3	917.7	808.2	693.6	581.8
-47.5°	1129.1	1127.5	1103.8	1057.9	1002.3	971.2	913.4	831.8	730.0	634.1	537.9
-50°	1014.8	1014.5	994.3	959.0	910.5	869.4	818.2	748.9	665.8	575.9	494.0
-52.5°	922.0	911.5	896.2	866.9	824.5	774.8	734.1	670.1	602.6	525.0	450.4
-55°	834.0	819.2	806.4	780.2	741.5	695.0	654.1	603.8	540.4	476.8	407.6
-57.5°	751.7	735.8	721.7	697.2	664.0	622.7	583.4	539.2	485.6	428.5	369.3
-60°	672.4	657.8	640.8	619.8	590.3	554.9	518.5	478.0	432.7	381.4	330.9
-62.5°	595.6	582.2	565.6	546.0	521.5	491.8	456.2	421.5	380.0	339.3	292.5
-65°	523.0	510.9	493.5	478.4	457.1	430.0	397.8	365.4	333.6	297.3	255.6
-67.5°	453.8	443.1	429.1	414.0	394.9	370.6	340.5	316.1	289.1	255.6	222.8
-70°	387.4	377.9	366.5	352.9	334.9	312.9	291.9	270.2	245.0	219.4	189.9
-72.5°	323.2	316.0	306.2	293.5	279.5	263.3	244.9	225.7	206.3	183.3	156.9
-75°	261.3	256.1	249.1	239.6	227.6	214.0	200.3	185.2	167.7	147.3	127.1
-77.5°	204.5	200.1	194.0	187.1	178.5	168.7	157.5	144.8	130.3	115.0	98.3
-80°	152.3	149.2	144.3	137.8	131.2	123.5	116.2	106.9	95.6	83.1	69.4
-82.5°	105.1	101.7	97.8	93.4	89.4	84.2	77.7	69.8	60.9	51.1	45.1
-85°	63.5	60.8	57.6	54.0	50.0	45.1	42.3	39.2	36.4	33.4	30.1
-87.5°	28.4	27.4	26.4	25.2	23.9	22.6	21.1	19.6	18.2	16.7	15.1
-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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**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°	13.3	11.8	10.0	7.9	5.5	2.8	0.0
85°	26.6	23.5	19.9	15.8	11.1	5.5	0.0
82.5°	39.8	35.3	29.9	23.6	16.6	8.3	0.0
80°	54.6	47.0	39.8	31.5	22.0	11.0	0.0
77.5°	80.3	62.4	49.7	39.3	27.5	13.7	0.0
75°	105.9	84.5	61.1	47.1	32.8	16.4	0.0
72.5°	131.4	106.5	79.3	54.8	38.1	19.1	0.0
70°	157.4	128.4	97.3	63.6	43.4	21.7	0.0
67.5°	187.1	150.1	115.1	77.4	48.5	24.3	0.0
65°	216.6	173.6	132.8	91.0	53.6	26.8	0.0
62.5°	246.0	199.0	150.3	104.4	58.6	29.3	0.0
60°	275.3	224.2	167.5	117.5	63.4	31.7	0.0
57.5°	308.5	249.1	187.7	130.5	72.0	34.1	0.0
55°	341.8	273.7	207.9	143.2	80.5	36.4	0.0
52.5°	374.7	298.5	227.6	155.6	88.7	38.6	0.0
50°	407.1	325.8	247.0	167.7	96.6	40.8	0.0
47.5°	439.8	352.4	266.0	180.0	104.3	42.9	0.0
45°	477.8	378.5	284.6	194.0	111.8	44.9	0.0
42.5°	515.4	403.9	302.7	207.5	119.0	46.8	0.0
40°	552.7	428.6	321.3	220.2	125.8	48.6	0.0
37.5°	589.5	452.6	340.2	231.9	132.4	50.4	0.0
35°	625.7	479.8	358.4	242.9	138.6	52.0	0.0
32.5°	662.8	508.2	375.9	253.1	144.5	53.6	0.0
30°	702.5	535.8	392.5	262.6	150.1	55.0	0.0
27.5°	740.9	562.3	406.4	271.3	155.3	56.3	0.0
25°	777.8	587.7	419.1	279.3	160.1	57.5	0.0
22.5°	813.0	610.4	430.9	286.4	164.5	58.7	0.0
20°	846.5	627.7	441.8	292.7	168.6	59.7	0.0
17.5°	871.7	642.9	451.6	298.3	172.2	60.6	0.0
15°	890.5	656.0	460.3	303.0	175.4	61.3	0.0
12.5°	906.7	667.0	468.0	307.0	178.2	62.0	0.0
10°	920.0	675.9	474.5	310.1	180.6	62.5	0.0
7.5°	930.5	682.6	479.8	312.5	182.5	63.0	0.0
5°	938.2	687.4	483.9	314.0	183.9	63.3	0.0
2.5°	942.9	690.1	486.7	314.8	184.9	63.4	0.0
0°	944.7	690.8	488.2	314.9	185.5	63.5	0.0
-2.5°	942.9	690.1	486.7	314.8	184.9	63.4	0.0
-5°	938.2	687.4	483.9	314.0	183.9	63.3	0.0
-7.5°	930.5	682.6	479.8	312.5	182.5	63.0	0.0
-10°	920.0	675.9	474.5	310.1	180.6	62.5	0.0
-12.5°	906.7	667.0	468.0	307.0	178.2	62.0	0.0
-15°	890.5	656.0	460.3	303.0	175.4	61.3	0.0
-17.5°	871.7	642.9	451.6	298.3	172.2	60.6	0.0
-20°	846.5	627.7	441.8	292.7	168.6	59.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	813.0	610.4	430.9	286.4	164.5	58.7	0.0
-25°	777.8	587.7	419.1	279.3	160.1	57.5	0.0
-27.5°	740.9	562.3	406.4	271.3	155.3	56.3	0.0
-30°	702.5	535.8	392.5	262.6	150.1	55.0	0.0
-32.5°	662.8	508.2	375.9	253.1	144.5	53.6	0.0
-35°	625.7	479.8	358.4	242.9	138.6	52.0	0.0
-37.5°	589.5	452.6	340.2	231.9	132.4	50.4	0.0
-40°	552.7	428.6	321.3	220.2	125.8	48.6	0.0
-42.5°	515.4	403.9	302.7	207.5	119.0	46.8	0.0
-45°	477.8	378.5	284.6	194.0	111.8	44.9	0.0
-47.5°	439.8	352.4	266.0	180.0	104.3	42.9	0.0
-50°	407.1	325.8	247.0	167.7	96.6	40.8	0.0
-52.5°	374.7	298.5	227.6	155.6	88.7	38.6	0.0
-55°	341.8	273.7	207.9	143.2	80.5	36.4	0.0
-57.5°	308.5	249.1	187.7	130.5	72.0	34.1	0.0
-60°	275.3	224.2	167.5	117.5	63.4	31.7	0.0
-62.5°	246.0	199.0	150.3	104.4	58.6	29.3	0.0
-65°	216.6	173.6	132.8	91.0	53.6	26.8	0.0
-67.5°	187.1	150.1	115.1	77.4	48.5	24.3	0.0
-70°	157.4	128.4	97.3	63.6	43.4	21.7	0.0
-72.5°	131.4	106.5	79.3	54.8	38.1	19.1	0.0
-75°	105.9	84.5	61.1	47.1	32.8	16.4	0.0
-77.5°	80.3	62.4	49.7	39.3	27.5	13.7	0.0
-80°	54.6	47.0	39.8	31.5	22.0	11.0	0.0
-82.5°	39.8	35.3	29.9	23.6	16.6	8.3	0.0
-85°	26.6	23.5	19.9	15.8	11.1	5.5	0.0
-87.5°	13.3	11.8	10.0	7.9	5.5	2.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)