

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: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-930-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6C-930-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

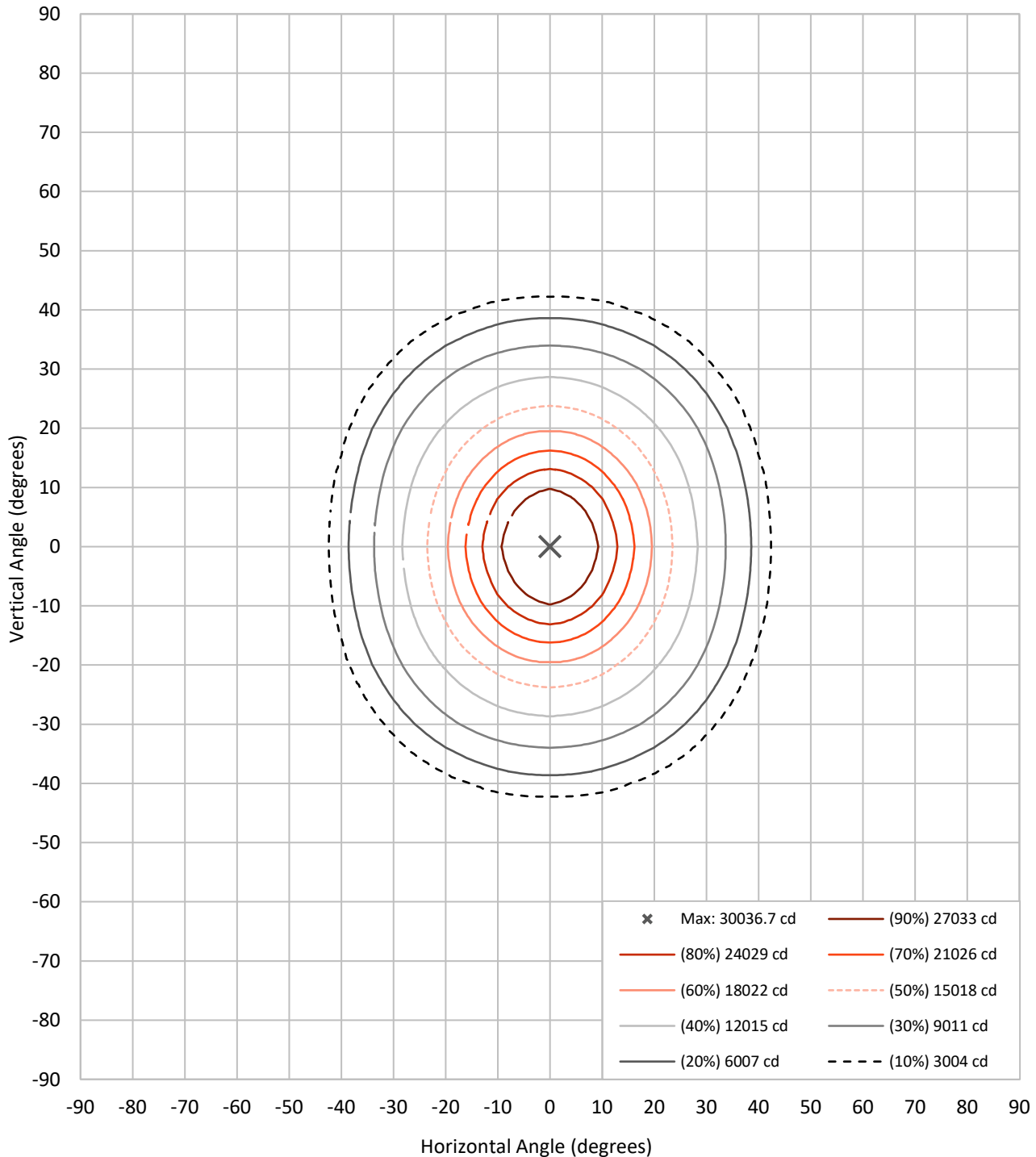
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23382 lumens	Max Intensity:	30036.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	11033.2 lumens	Field Lumens:	21230.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





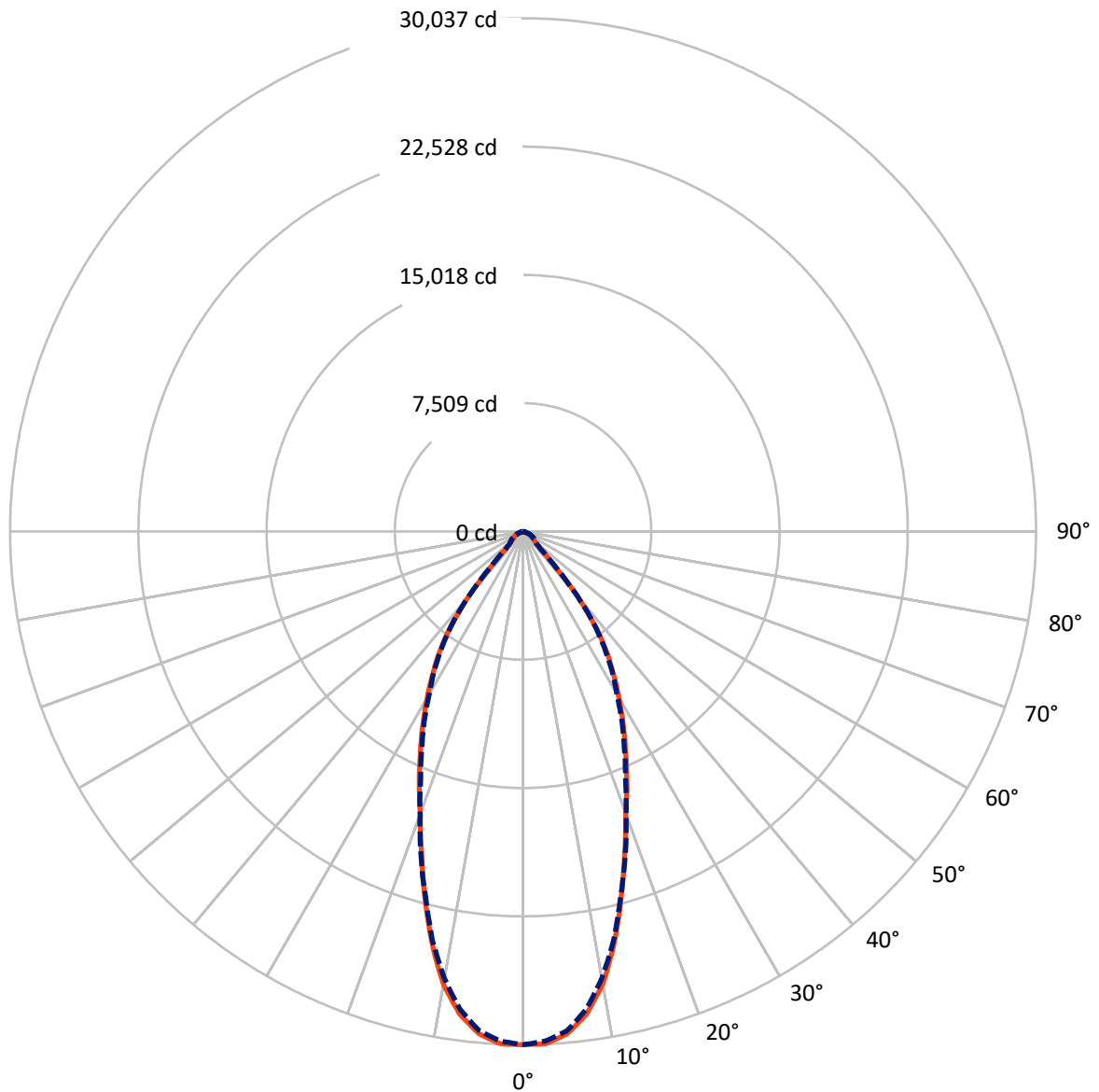
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### Lumen Table

90																
80	0.4	2.9		6.4		10.5		8.2		10.5		6.4		2.9		0.4
70																
60	1.6	1.9	3.4	5.3	7.5	9.3	10.7	11.6	11.6	10.7	9.3	7.5	5.3	3.4	1.9	1.6
50		2.8	5.6	9.4	13.4	16.8	19.2	21.1	21.1	19.2	16.8	13.4	9.4	5.6	2.8	
40	2.5	3.7	7.8	13.2	19.1	26.2	41.5	58.2	58.2	41.5	26.2	19.1	13.2	7.8	3.7	2.5
30		4.5	9.8	16.4	30.8	48.5	91.9	244.5	244.5	191.9	98.5	30.8	16.4	9.8	4.5	
20	2.7	5.3	11.4	20.5	35.1	54.1	83.6	118.6	118.6	83.6	54.1	35.1	20.5	11.4	5.3	2.7
10		5.9	12.7	23.5	41.5	63.6	99.6	149.6	149.6	99.6	63.6	41.5	23.5	12.7	5.9	
0	2.9	6.3	13.8	25.4	43.4	67.1	102.9	153.8	153.8	102.9	67.1	43.4	25.4	13.8	6.3	2.9
-10		6.3	13.8	25.4	43.4	67.1	102.9	153.8	153.8	102.9	67.1	43.4	25.4	13.8	6.3	
-20	2.7	5.9	12.7	23.5	41.5	63.6	99.6	149.6	149.6	99.6	63.6	41.5	23.5	12.7	5.9	2.7
-30		5.3	11.4	20.5	35.1	54.1	83.6	118.6	118.6	83.6	54.1	35.1	20.5	11.4	5.3	
-40	2.5	4.5	9.8	16.4	30.8	48.5	91.9	244.5	244.5	191.9	98.5	30.8	16.4	9.8	4.5	2.5
-50		3.7	7.8	13.2	19.1	26.2	41.5	58.2	58.2	41.5	26.2	19.1	13.2	7.8	3.7	
-60	1.6	2.8	5.6	9.4	13.4	16.8	19.2	21.1	21.1	19.2	16.8	13.4	9.4	5.6	2.8	1.6
-70		1.9	3.4	5.3	7.5	9.3	10.7	11.6	11.6	10.7	9.3	7.5	5.3	3.4	1.9	
-80																
-90	0.4	2.9		6.4		10.5		8.2		10.5		6.4		2.9		0.4

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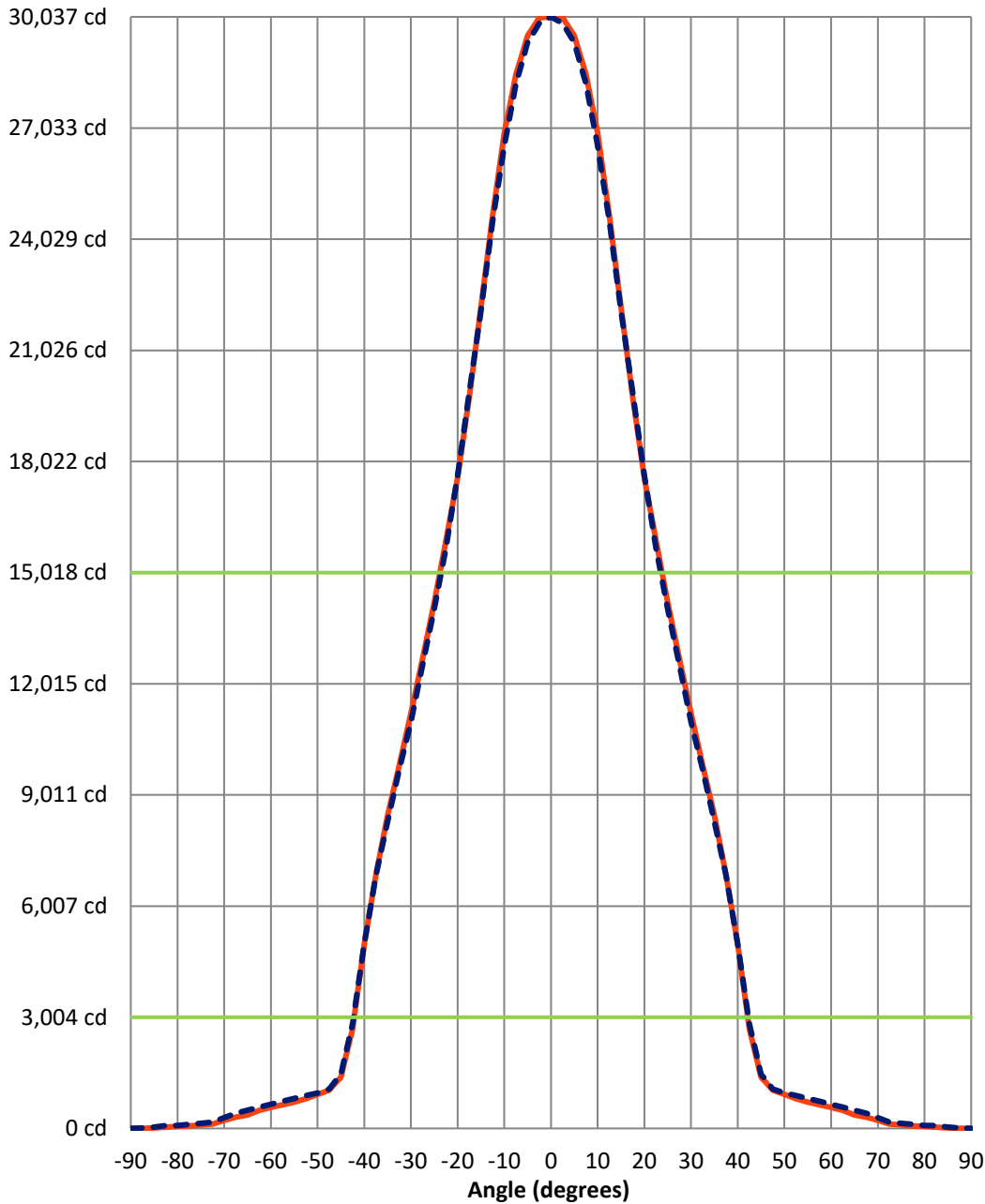
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 47.6°  
 Lumens: 11033.2  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 21230.8  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 2151.2  
 Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
85°	0.0	1.0	2.0	3.2	4.7	6.3	8.2	9.2	10.0	10.8	11.4
82.5°	0.0	1.5	2.9	4.8	7.0	9.5	12.2	13.7	15.5	18.5	20.8
80°	0.0	2.0	3.9	6.4	9.3	12.6	16.9	22.3	26.7	30.0	32.4
77.5°	0.0	2.4	4.9	8.0	11.6	17.1	26.4	33.0	37.9	41.6	44.9
75°	0.0	2.9	5.8	9.5	14.4	24.4	35.8	43.7	49.5	55.8	60.5
72.5°	0.0	3.4	6.8	11.0	19.7	31.6	45.0	55.2	63.9	71.0	76.3
70°	0.0	3.9	7.7	12.9	24.9	38.5	54.2	68.6	78.4	86.4	98.8
67.5°	0.0	4.3	8.6	16.4	29.9	45.3	64.9	82.0	93.0	105.8	122.2
65°	0.0	4.8	9.5	19.8	34.7	52.5	75.1	95.5	108.2	124.5	144.1
62.5°	0.0	5.2	10.4	23.1	39.4	60.1	84.9	107.6	122.8	142.4	164.4
60°	0.0	5.6	11.3	26.2	43.9	67.4	94.2	118.7	136.6	160.6	184.4
57.5°	0.0	6.1	13.3	29.3	49.0	74.3	100.6	128.5	152.0	178.5	201.9
55°	0.0	6.5	15.2	32.1	53.9	80.7	105.9	135.6	167.7	195.4	218.0
52.5°	0.0	6.9	17.0	34.8	58.5	86.3	110.5	145.4	183.0	209.7	233.8
50°	0.0	7.3	18.8	37.4	62.8	89.1	114.3	154.5	197.2	223.7	251.3
47.5°	0.0	7.6	20.6	39.9	66.7	91.3	117.8	162.4	209.4	237.4	268.4
45°	0.0	8.0	22.2	42.6	70.3	92.9	123.5	169.3	215.6	252.1	284.9
42.5°	0.0	8.3	23.8	45.1	73.6	94.0	128.3	174.1	220.4	266.2	301.7
40°	0.0	8.7	25.2	47.6	75.3	94.5	132.3	177.3	224.6	278.7	318.0
37.5°	0.0	9.0	26.6	50.3	75.5	94.5	135.3	179.5	229.2	284.8	333.5
35°	0.0	9.3	27.9	52.9	75.4	95.7	137.5	180.8	233.1	294.0	348.5
32.5°	0.0	9.5	29.1	55.5	75.0	97.2	138.6	181.1	236.2	305.1	362.1
30°	0.0	9.8	30.2	57.9	74.2	98.1	138.5	181.1	238.6	318.0	375.5
27.5°	0.0	10.0	31.3	60.3	75.0	98.4	137.7	182.3	243.3	332.5	388.6
25°	0.0	10.2	32.2	62.5	75.9	98.1	136.2	182.7	253.1	344.6	401.5
22.5°	0.0	10.4	33.0	64.7	76.6	98.3	134.0	182.5	263.3	354.6	417.4
20°	0.0	10.6	33.8	66.7	77.2	100.8	131.2	181.6	273.7	363.9	431.8
17.5°	0.0	10.8	34.4	68.5	77.7	103.1	131.4	179.9	283.9	372.6	444.7
15°	0.0	10.9	34.9	70.2	78.1	105.0	133.3	179.3	293.8	380.4	456.0
12.5°	0.0	11.0	35.4	71.8	78.4	106.7	134.9	180.1	300.6	387.4	465.7
10°	0.0	11.1	35.7	73.2	78.6	108.1	136.1	179.6	303.4	393.2	473.9
7.5°	0.0	11.2	36.0	74.4	78.8	109.1	137.0	178.2	303.7	398.9	480.9
5°	0.0	11.3	36.1	75.4	78.8	109.9	137.5	175.8	301.6	404.0	486.2
2.5°	0.0	11.3	36.1	76.1	78.9	110.3	137.7	172.8	297.3	408.0	489.7
0°	0.0	11.3	36.1	76.7	78.9	110.5	137.6	169.1	290.9	410.4	491.6
-2.5°	0.0	11.3	36.1	76.1	78.9	110.3	137.7	172.8	297.3	408.0	489.7
-5°	0.0	11.3	36.1	75.4	78.8	109.9	137.5	175.8	301.6	404.0	486.2
-7.5°	0.0	11.2	36.0	74.4	78.8	109.1	137.0	178.2	303.7	398.9	480.9
-10°	0.0	11.1	35.7	73.2	78.6	108.1	136.1	179.6	303.4	393.2	473.9
-12.5°	0.0	11.0	35.4	71.8	78.4	106.7	134.9	180.1	300.6	387.4	465.7
-15°	0.0	10.9	34.9	70.2	78.1	105.0	133.3	179.3	293.8	380.4	456.0
-17.5°	0.0	10.8	34.4	68.5	77.7	103.1	131.4	179.9	283.9	372.6	444.7
-20°	0.0	10.6	33.8	66.7	77.2	100.8	131.2	181.6	273.7	363.9	431.8



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 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.4	33.0	64.7	76.6	98.3	134.0	182.5	263.3	354.6	417.4
-25°	0.0	10.2	32.2	62.5	75.9	98.1	136.2	182.7	253.1	344.6	401.5
-27.5°	0.0	10.0	31.3	60.3	75.0	98.4	137.7	182.3	243.3	332.5	388.6
-30°	0.0	9.8	30.2	57.9	74.2	98.1	138.5	181.1	238.6	318.0	375.5
-32.5°	0.0	9.5	29.1	55.5	75.0	97.2	138.6	181.1	236.2	305.1	362.1
-35°	0.0	9.3	27.9	52.9	75.4	95.7	137.5	180.8	233.1	294.0	348.5
-37.5°	0.0	9.0	26.6	50.3	75.5	94.5	135.3	179.5	229.2	284.8	333.5
-40°	0.0	8.7	25.2	47.6	75.3	94.5	132.3	177.3	224.6	278.7	318.0
-42.5°	0.0	8.3	23.8	45.1	73.6	94.0	128.3	174.1	220.4	266.2	301.7
-45°	0.0	8.0	22.2	42.6	70.3	92.9	123.5	169.3	215.6	252.1	284.9
-47.5°	0.0	7.6	20.6	39.9	66.7	91.3	117.8	162.4	209.4	237.4	268.4
-50°	0.0	7.3	18.8	37.4	62.8	89.1	114.3	154.5	197.2	223.7	251.3
-52.5°	0.0	6.9	17.0	34.8	58.5	86.3	110.5	145.4	183.0	209.7	233.8
-55°	0.0	6.5	15.2	32.1	53.9	80.7	105.9	135.6	167.7	195.4	218.0
-57.5°	0.0	6.1	13.3	29.3	49.0	74.3	100.6	128.5	152.0	178.5	201.9
-60°	0.0	5.6	11.3	26.2	43.9	67.4	94.2	118.7	136.6	160.6	184.4
-62.5°	0.0	5.2	10.4	23.1	39.4	60.1	84.9	107.6	122.8	142.4	164.4
-65°	0.0	4.8	9.5	19.8	34.7	52.5	75.1	95.5	108.2	124.5	144.1
-67.5°	0.0	4.3	8.6	16.4	29.9	45.3	64.9	82.0	93.0	105.8	122.2
-70°	0.0	3.9	7.7	12.9	24.9	38.5	54.2	68.6	78.4	86.4	98.8
-72.5°	0.0	3.4	6.8	11.0	19.7	31.6	45.0	55.2	63.9	71.0	76.3
-75°	0.0	2.9	5.8	9.5	14.4	24.4	35.8	43.7	49.5	55.8	60.5
-77.5°	0.0	2.4	4.9	8.0	11.6	17.1	26.4	33.0	37.9	41.6	44.9
-80°	0.0	2.0	3.9	6.4	9.3	12.6	16.9	22.3	26.7	30.0	32.4
-82.5°	0.0	1.5	2.9	4.8	7.0	9.5	12.2	13.7	15.5	18.5	20.8
-85°	0.0	1.0	2.0	3.2	4.7	6.3	8.2	9.2	10.0	10.8	11.4
-87.5°	0.0	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
-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°	5.7	5.6	5.4	5.2	4.8	4.3	3.8	3.2	3.3	3.4	3.6
85°	11.5	11.3	12.2	13.0	13.3	13.3	12.8	12.1	13.8	15.9	18.0
82.5°	22.8	24.8	26.7	28.5	28.6	28.0	27.0	25.9	29.8	34.7	39.9
80°	35.3	38.3	42.7	47.2	48.5	48.0	46.6	44.0	49.5	57.5	66.6
77.5°	50.5	56.6	62.8	68.9	70.5	69.2	66.3	61.6	68.6	81.6	95.9
75°	67.0	74.8	84.6	92.2	93.9	91.2	86.7	82.6	91.1	107.2	122.6
72.5°	87.6	100.2	109.9	116.7	117.1	114.7	112.4	110.3	119.8	138.8	154.7
70°	113.7	126.4	134.0	138.1	139.0	140.5	146.9	153.0	162.4	178.7	191.7
67.5°	139.6	149.7	156.5	161.4	171.1	180.3	189.2	198.3	208.8	222.6	232.5
65°	162.7	173.1	182.1	193.7	207.9	219.0	230.9	243.7	258.1	271.2	280.7
62.5°	185.6	196.7	209.3	224.7	241.1	256.1	273.5	291.3	308.5	323.3	339.5
60°	204.3	219.2	236.0	254.6	274.4	297.2	318.1	338.7	357.6	376.1	398.8
57.5°	222.2	242.3	262.9	285.2	311.1	338.9	363.5	386.1	409.7	436.4	458.8
55°	240.9	266.2	289.9	316.8	347.7	381.2	408.2	433.6	462.7	494.8	519.9
52.5°	261.2	289.1	316.9	349.3	386.6	419.9	448.0	479.7	515.1	549.9	579.0
50°	280.8	311.7	343.9	385.0	422.0	453.8	488.7	527.0	563.9	599.7	634.1
47.5°	300.6	333.6	376.4	418.4	453.1	490.3	531.1	570.4	609.2	646.6	682.5
45°	320.0	359.1	406.7	446.6	485.1	527.9	570.0	611.2	652.0	691.8	731.0
42.5°	338.7	384.2	432.1	473.8	518.2	562.9	606.9	650.5	693.6	736.2	778.0
40°	359.1	407.0	457.4	503.0	549.3	595.9	642.3	688.3	733.8	778.8	823.2
37.5°	378.0	430.7	483.2	530.9	578.6	627.4	675.9	724.8	772.7	819.6	870.1
35°	394.8	454.6	507.6	557.7	607.6	657.1	708.5	759.8	810.3	861.2	925.7
32.5°	413.7	478.8	530.7	583.5	635.2	686.1	739.5	793.9	847.6	907.1	999.7
30°	435.1	498.9	552.6	608.1	661.0	714.6	769.8	826.5	883.0	975.6	1189.5
27.5°	455.8	517.4	573.9	630.6	685.1	740.8	798.6	857.3	936.2	1078.4	1425.6
25°	475.1	535.2	593.8	651.3	707.6	765.2	825.1	886.1	993.1	1280.5	2047.3
22.5°	491.3	552.4	613.3	670.2	727.9	787.5	849.6	930.7	1096.0	1484.5	2739.1
20°	505.1	568.7	631.0	690.2	746.9	807.2	872.0	973.1	1252.4	2066.8	3568.1
17.5°	518.0	583.6	647.3	709.1	768.7	827.9	894.3	1009.7	1393.1	2572.9	4401.7
15°	529.8	596.8	662.5	726.9	788.6	850.2	929.5	1113.8	1677.8	3075.3	5144.2
12.5°	540.4	608.5	676.3	743.4	806.4	870.1	961.2	1217.2	2026.5	3664.8	5650.9
10°	549.7	618.5	688.7	758.3	822.2	887.6	987.9	1302.1	2313.1	4149.5	6058.2
7.5°	558.3	628.2	700.1	771.6	835.8	902.6	1009.8	1368.4	2534.6	4514.6	6383.2
5°	565.6	637.7	713.6	786.1	852.8	919.0	1028.5	1416.0	2690.1	4760.6	6619.8
2.5°	571.2	645.6	725.4	798.9	871.7	938.8	1049.9	1451.2	2790.5	4917.4	6771.2
0°	575.0	651.7	735.1	809.5	888.5	956.1	1066.6	1468.0	2827.8	4974.6	6828.2
-2.5°	571.2	645.6	725.4	798.9	871.7	938.8	1049.9	1451.2	2790.5	4917.4	6771.2
-5°	565.6	637.7	713.6	786.1	852.8	919.0	1028.5	1416.0	2690.1	4760.6	6619.8
-7.5°	558.3	628.2	700.1	771.6	835.8	902.6	1009.8	1368.4	2534.6	4514.6	6383.2
-10°	549.7	618.5	688.7	758.3	822.2	887.6	987.9	1302.1	2313.1	4149.5	6058.2
-12.5°	540.4	608.5	676.3	743.4	806.4	870.1	961.2	1217.2	2026.5	3664.8	5650.9
-15°	529.8	596.8	662.5	726.9	788.6	850.2	929.5	1113.8	1677.8	3075.3	5144.2
-17.5°	518.0	583.6	647.3	709.1	768.7	827.9	894.3	1009.7	1393.1	2572.9	4401.7
-20°	505.1	568.7	631.0	690.2	746.9	807.2	872.0	973.1	1252.4	2066.8	3568.1



REPORT NUMBER: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	491.3	552.4	613.3	670.2	727.9	787.5	849.6	930.7	1096.0	1484.5	2739.1
-25°	475.1	535.2	593.8	651.3	707.6	765.2	825.1	886.1	993.1	1280.5	2047.3
-27.5°	455.8	517.4	573.9	630.6	685.1	740.8	798.6	857.3	936.2	1078.4	1425.6
-30°	435.1	498.9	552.6	608.1	661.0	714.6	769.8	826.5	883.0	975.6	1189.5
-32.5°	413.7	478.8	530.7	583.5	635.2	686.1	739.5	793.9	847.6	907.1	999.7
-35°	394.8	454.6	507.6	557.7	607.6	657.1	708.5	759.8	810.3	861.2	925.7
-37.5°	378.0	430.7	483.2	530.9	578.6	627.4	675.9	724.8	772.7	819.6	870.1
-40°	359.1	407.0	457.4	503.0	549.3	595.9	642.3	688.3	733.8	778.8	823.2
-42.5°	338.7	384.2	432.1	473.8	518.2	562.9	606.9	650.5	693.6	736.2	778.0
-45°	320.0	359.1	406.7	446.6	485.1	527.9	570.0	611.2	652.0	691.8	731.0
-47.5°	300.6	333.6	376.4	418.4	453.1	490.3	531.1	570.4	609.2	646.6	682.5
-50°	280.8	311.7	343.9	385.0	422.0	453.8	488.7	527.0	563.9	599.7	634.1
-52.5°	261.2	289.1	316.9	349.3	386.6	419.9	448.0	479.7	515.1	549.9	579.0
-55°	240.9	266.2	289.9	316.8	347.7	381.2	408.2	433.6	462.7	494.8	519.9
-57.5°	222.2	242.3	262.9	285.2	311.1	338.9	363.5	386.1	409.7	436.4	458.8
-60°	204.3	219.2	236.0	254.6	274.4	297.2	318.1	338.7	357.6	376.1	398.8
-62.5°	185.6	196.7	209.3	224.7	241.1	256.1	273.5	291.3	308.5	323.3	339.5
-65°	162.7	173.1	182.1	193.7	207.9	219.0	230.9	243.7	258.1	271.2	280.7
-67.5°	139.6	149.7	156.5	161.4	171.1	180.3	189.2	198.3	208.8	222.6	232.5
-70°	113.7	126.4	134.0	138.1	139.0	140.5	146.9	153.0	162.4	178.7	191.7
-72.5°	87.6	100.2	109.9	116.7	117.1	114.7	112.4	110.3	119.8	138.8	154.7
-75°	67.0	74.8	84.6	92.2	93.9	91.2	86.7	82.6	91.1	107.2	122.6
-77.5°	50.5	56.6	62.8	68.9	70.5	69.2	66.3	61.6	68.6	81.6	95.9
-80°	35.3	38.3	42.7	47.2	48.5	48.0	46.6	44.0	49.5	57.5	66.6
-82.5°	22.8	24.8	26.7	28.5	28.6	28.0	27.0	25.9	29.8	34.7	39.9
-85°	11.5	11.3	12.2	13.0	13.3	13.3	12.8	12.1	13.8	15.9	18.0
-87.5°	5.7	5.6	5.4	5.2	4.8	4.3	3.8	3.2	3.3	3.4	3.6
-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: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.9	3.4
85°	20.3	19.7	18.6	17.2	15.5	16.4	17.4	18.3	19.2	17.9	16.5
82.5°	45.5	46.1	46.1	46.0	45.7	47.7	49.6	51.3	52.7	48.7	44.0
80°	76.6	80.3	82.4	84.4	86.1	86.1	84.9	82.9	80.1	73.2	65.7
77.5°	110.8	116.5	119.3	122.2	125.2	126.2	126.9	127.7	128.5	116.6	101.5
75°	137.4	145.9	150.8	155.4	159.7	162.2	163.5	164.4	164.8	150.4	131.9
72.5°	167.5	175.9	181.9	187.6	192.9	196.3	198.4	199.9	200.9	188.4	170.7
70°	200.9	207.4	214.6	221.6	228.1	232.6	235.5	237.9	239.6	238.4	237.5
67.5°	240.2	246.1	254.7	261.4	268.3	273.1	278.1	282.1	285.1	288.5	292.2
65°	289.6	303.5	316.2	322.6	323.6	330.5	341.9	349.3	353.0	356.0	359.7
62.5°	358.3	375.2	384.2	395.0	408.9	421.8	426.7	433.5	441.4	451.0	462.0
60°	417.1	431.1	445.6	460.4	473.2	483.9	495.5	507.1	517.6	527.2	536.6
57.5°	477.3	492.6	507.3	524.8	536.9	544.1	555.4	569.3	580.0	588.3	600.9
55°	539.7	559.4	579.4	595.2	606.7	614.3	622.8	636.2	644.1	647.1	661.7
52.5°	602.4	625.8	650.4	668.9	681.1	692.5	703.0	714.7	722.7	726.6	740.9
50°	660.5	688.3	715.8	739.9	756.1	775.0	796.4	807.0	813.8	821.4	837.3
47.5°	715.7	746.9	776.3	803.5	827.0	848.2	866.6	884.3	910.5	931.2	951.7
45°	768.9	802.1	834.0	864.5	890.7	932.2	971.8	1005.4	1095.4	1171.0	1228.7
42.5°	818.9	859.1	894.9	945.8	1001.1	1097.0	1245.0	1382.2	1647.7	1989.5	2274.9
40°	871.1	923.1	987.4	1086.4	1273.6	1466.0	2041.6	2554.4	3058.7	3632.4	4123.9
37.5°	932.0	1010.4	1198.8	1422.4	2022.7	2686.8	3502.4	4302.9	5000.0	5596.5	6094.5
35°	1012.6	1254.8	1606.9	2421.7	3308.6	4397.4	5337.3	6090.3	6778.9	7331.6	7747.6
32.5°	1250.2	1693.3	2623.4	3744.1	4964.0	6015.9	6931.4	7652.3	8280.5	8775.8	9161.5
30°	1598.1	2616.6	3879.8	5221.9	6437.0	7441.3	8287.3	8974.4	9535.1	10039.1	10462.3
27.5°	2424.8	3735.4	5220.1	6589.0	7694.3	8634.5	9393.4	10074.1	10692.3	11223.0	11723.3
25°	3329.4	4951.9	6449.4	7695.3	8726.8	9608.9	10409.3	11153.8	11845.9	12467.1	13049.0
22.5°	4415.9	6033.9	7465.1	8618.2	9617.8	10524.0	11374.0	12202.7	13008.3	13766.3	14470.4
20°	5399.5	6987.5	8235.5	9387.1	10425.6	11369.9	12306.8	13272.6	14202.3	15115.4	15963.2
17.5°	6166.0	7643.3	8896.3	10063.5	11120.5	12190.0	13262.3	14371.5	15493.0	16553.3	17567.4
15°	6806.0	8190.4	9460.1	10627.3	11789.5	12969.5	14167.3	15474.1	16808.0	18077.2	19369.9
12.5°	7259.8	8646.9	9934.2	11105.3	12408.4	13689.2	15083.6	16572.9	18113.5	19591.8	21179.7
10°	7624.5	9011.1	10287.6	11550.4	12929.3	14349.5	15913.5	17553.8	19392.3	21142.8	22853.5
7.5°	7937.5	9315.0	10571.5	11913.2	13362.8	14923.8	16624.8	18479.3	20468.8	22416.7	24453.1
5°	8166.5	9522.1	10792.1	12210.7	13696.1	15343.4	17173.3	19155.0	21288.7	23422.9	25436.7
2.5°	8287.7	9640.2	10929.3	12395.3	13891.5	15597.6	17503.4	19603.9	21857.6	24186.3	26172.0
0°	8284.9	9689.8	10981.9	12519.8	14035.2	15674.6	17645.5	19891.5	22090.1	24509.7	26548.2
-2.5°	8287.7	9640.2	10929.3	12395.3	13891.5	15597.6	17503.4	19603.9	21857.6	24186.3	26172.0
-5°	8166.5	9522.1	10792.1	12210.7	13696.1	15343.4	17173.3	19155.0	21288.7	23422.9	25436.7
-7.5°	7937.5	9315.0	10571.5	11913.2	13362.8	14923.8	16624.8	18479.3	20468.8	22416.7	24453.1
-10°	7624.5	9011.1	10287.6	11550.4	12929.3	14349.5	15913.5	17553.8	19392.3	21142.8	22853.5
-12.5°	7259.8	8646.9	9934.2	11105.3	12408.4	13689.2	15083.6	16572.9	18113.5	19591.8	21179.7
-15°	6806.0	8190.4	9460.1	10627.3	11789.5	12969.5	14167.3	15474.1	16808.0	18077.2	19369.9
-17.5°	6166.0	7643.3	8896.3	10063.5	11120.5	12190.0	13262.3	14371.5	15493.0	16553.3	17567.4
-20°	5399.5	6987.5	8235.5	9387.1	10425.6	11369.9	12306.8	13272.6	14202.3	15115.4	15963.2



REPORT NUMBER: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4415.9	6033.9	7465.1	8618.2	9617.8	10524.0	11374.0	12202.7	13008.3	13766.3	14470.4
-25°	3329.4	4951.9	6449.4	7695.3	8726.8	9608.9	10409.3	11153.8	11845.9	12467.1	13049.0
-27.5°	2424.8	3735.4	5220.1	6589.0	7694.3	8634.5	9393.4	10074.1	10692.3	11223.0	11723.3
-30°	1598.1	2616.6	3879.8	5221.9	6437.0	7441.3	8287.3	8974.4	9535.1	10039.1	10462.3
-32.5°	1250.2	1693.3	2623.4	3744.1	4964.0	6015.9	6931.4	7652.3	8280.5	8775.8	9161.5
-35°	1012.6	1254.8	1606.9	2421.7	3308.6	4397.4	5337.3	6090.3	6778.9	7331.6	7747.6
-37.5°	932.0	1010.4	1198.8	1422.4	2022.7	2686.8	3502.4	4302.9	5000.0	5596.5	6094.5
-40°	871.1	923.1	987.4	1086.4	1273.6	1466.0	2041.6	2554.4	3058.7	3632.4	4123.9
-42.5°	818.9	859.1	894.9	945.8	1001.1	1097.0	1245.0	1382.2	1647.7	1989.5	2274.9
-45°	768.9	802.1	834.0	864.5	890.7	932.2	971.8	1005.4	1095.4	1171.0	1228.7
-47.5°	715.7	746.9	776.3	803.5	827.0	848.2	866.6	884.3	910.5	931.2	951.7
-50°	660.5	688.3	715.8	739.9	756.1	775.0	796.4	807.0	813.8	821.4	837.3
-52.5°	602.4	625.8	650.4	668.9	681.1	692.5	703.0	714.7	722.7	726.6	740.9
-55°	539.7	559.4	579.4	595.2	606.7	614.3	622.8	636.2	644.1	647.1	661.7
-57.5°	477.3	492.6	507.3	524.8	536.9	544.1	555.4	569.3	580.0	588.3	600.9
-60°	417.1	431.1	445.6	460.4	473.2	483.9	495.5	507.1	517.6	527.2	536.6
-62.5°	358.3	375.2	384.2	395.0	408.9	421.8	426.7	433.5	441.4	451.0	462.0
-65°	289.6	303.5	316.2	322.6	323.6	330.5	341.9	349.3	353.0	356.0	359.7
-67.5°	240.2	246.1	254.7	261.4	268.3	273.1	278.1	282.1	285.1	288.5	292.2
-70°	200.9	207.4	214.6	221.6	228.1	232.6	235.5	237.9	239.6	238.4	237.5
-72.5°	167.5	175.9	181.9	187.6	192.9	196.3	198.4	199.9	200.9	188.4	170.7
-75°	137.4	145.9	150.8	155.4	159.7	162.2	163.5	164.4	164.8	150.4	131.9
-77.5°	110.8	116.5	119.3	122.2	125.2	126.2	126.9	127.7	128.5	116.6	101.5
-80°	76.6	80.3	82.4	84.4	86.1	86.1	84.9	82.9	80.1	73.2	65.7
-82.5°	45.5	46.1	46.1	46.0	45.7	47.7	49.6	51.3	52.7	48.7	44.0
-85°	20.3	19.7	18.6	17.2	15.5	16.4	17.4	18.3	19.2	17.9	16.5
-87.5°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.3	3.9	3.4
-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: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.3	2.3	2.3	2.3	2.3	2.8	3.4	3.9	4.3	4.3
85°	15.0	13.4	13.5	13.5	13.5	13.4	15.0	16.5	17.9	19.2	18.3
82.5°	39.0	33.7	33.7	33.8	33.7	33.7	39.0	44.0	48.7	52.7	51.3
80°	57.8	49.6	50.7	51.9	50.7	49.6	57.8	65.7	73.2	80.1	82.9
77.5°	85.2	68.2	67.6	67.7	67.6	68.2	85.2	101.5	116.6	128.5	127.7
75°	112.9	93.3	92.4	92.5	92.4	93.3	112.9	131.9	150.4	164.8	164.4
72.5°	152.5	133.7	125.3	117.3	125.3	133.7	152.5	170.7	188.4	200.9	199.9
70°	237.7	238.2	229.9	218.7	229.9	238.2	237.7	237.5	238.4	239.6	237.9
67.5°	295.4	297.8	301.3	304.4	301.3	297.8	295.4	292.2	288.5	285.1	282.1
65°	361.3	361.2	362.5	363.1	362.5	361.2	361.3	359.7	356.0	353.0	349.3
62.5°	471.5	479.0	484.4	487.1	484.4	479.0	471.5	462.0	451.0	441.4	433.5
60°	544.4	550.7	559.5	568.3	559.5	550.7	544.4	536.6	527.2	517.6	507.1
57.5°	612.7	623.2	631.8	638.2	631.8	623.2	612.7	600.9	588.3	580.0	569.3
55°	675.6	687.8	699.6	710.3	699.6	687.8	675.6	661.7	647.1	644.1	636.2
52.5°	754.7	764.8	781.5	802.8	781.5	764.8	754.7	740.9	726.6	722.7	714.7
50°	855.7	871.0	892.2	917.8	892.2	871.0	855.7	837.3	821.4	813.8	807.0
47.5°	972.5	987.9	1008.3	1035.1	1008.3	987.9	972.5	951.7	931.2	910.5	884.3
45°	1281.5	1317.5	1350.5	1386.8	1350.5	1317.5	1281.5	1228.7	1171.0	1095.4	1005.4
42.5°	2503.7	2661.8	2730.1	2690.2	2730.1	2661.8	2503.7	2274.9	1989.5	1647.7	1382.2
40°	4498.6	4761.5	4916.3	4970.0	4916.3	4761.5	4498.6	4123.9	3632.4	3058.7	2554.4
37.5°	6458.2	6700.2	6830.8	6846.2	6830.8	6700.2	6458.2	6094.5	5596.5	5000.0	4302.9
35°	8047.9	8247.2	8365.3	8454.0	8365.3	8247.2	8047.9	7747.6	7331.6	6778.9	6090.3
32.5°	9475.5	9702.7	9834.0	9804.8	9834.0	9702.7	9475.5	9161.5	8775.8	8280.5	7652.3
30°	10809.2	11057.6	11211.9	11216.4	11211.9	11057.6	10809.2	10462.3	10039.1	9535.1	8974.4
27.5°	12127.6	12406.6	12567.5	12693.5	12567.5	12406.6	12127.6	11723.3	11223.0	10692.3	10074.1
25°	13534.2	13881.9	14088.4	14213.3	14088.4	13881.9	13534.2	13049.0	12467.1	11845.9	11153.8
22.5°	15050.9	15481.5	15764.5	15882.0	15764.5	15481.5	15050.9	14470.4	13766.3	13008.3	12202.7
20°	16700.6	17234.2	17595.5	17584.6	17595.5	17234.2	16700.6	15963.2	15115.4	14202.3	13272.6
17.5°	18541.3	19229.7	19695.5	19762.9	19695.5	19229.7	18541.3	17567.4	16553.3	15493.0	14371.5
15°	20514.7	21402.2	22004.8	22191.6	22004.8	21402.2	20514.7	19369.9	18077.2	16808.0	15474.1
12.5°	22537.0	23592.7	24396.0	24663.1	24396.0	23592.7	22537.0	21179.7	19591.8	18113.5	16572.9
10°	24463.9	25633.2	26505.0	26891.0	26505.0	25633.2	24463.9	22853.5	21142.8	19392.3	17553.8
7.5°	26074.6	27262.7	28160.9	28478.5	28160.9	27262.7	26074.6	24453.1	22416.7	20468.8	18479.3
5°	27135.8	28433.8	29132.2	29524.9	29132.2	28433.8	27135.8	25436.7	23422.9	21288.7	19155.0
2.5°	27844.8	28945.5	29652.7	30014.2	29652.7	28945.5	27844.8	26172.0	24186.3	21857.6	19603.9
0°	28221.5	29342.2	29860.9	30036.7	29860.9	29342.2	28221.5	26548.2	24509.7	22090.1	19891.5
-2.5°	27844.8	28945.5	29652.7	30014.2	29652.7	28945.5	27844.8	26172.0	24186.3	21857.6	19603.9
-5°	27135.8	28433.8	29132.2	29524.9	29132.2	28433.8	27135.8	25436.7	23422.9	21288.7	19155.0
-7.5°	26074.6	27262.7	28160.9	28478.5	28160.9	27262.7	26074.6	24453.1	22416.7	20468.8	18479.3
-10°	24463.9	25633.2	26505.0	26891.0	26505.0	25633.2	24463.9	22853.5	21142.8	19392.3	17553.8
-12.5°	22537.0	23592.7	24396.0	24663.1	24396.0	23592.7	22537.0	21179.7	19591.8	18113.5	16572.9
-15°	20514.7	21402.2	22004.8	22191.6	22004.8	21402.2	20514.7	19369.9	18077.2	16808.0	15474.1
-17.5°	18541.3	19229.7	19695.5	19762.9	19695.5	19229.7	18541.3	17567.4	16553.3	15493.0	14371.5
-20°	16700.6	17234.2	17595.5	17584.6	17595.5	17234.2	16700.6	15963.2	15115.4	14202.3	13272.6



REPORT NUMBER: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15050.9	15481.5	15764.5	15882.0	15764.5	15481.5	15050.9	14470.4	13766.3	13008.3	12202.7
-25°	13534.2	13881.9	14088.4	14213.3	14088.4	13881.9	13534.2	13049.0	12467.1	11845.9	11153.8
-27.5°	12127.6	12406.6	12567.5	12693.5	12567.5	12406.6	12127.6	11723.3	11223.0	10692.3	10074.1
-30°	10809.2	11057.6	11211.9	11216.4	11211.9	11057.6	10809.2	10462.3	10039.1	9535.1	8974.4
-32.5°	9475.5	9702.7	9834.0	9804.8	9834.0	9702.7	9475.5	9161.5	8775.8	8280.5	7652.3
-35°	8047.9	8247.2	8365.3	8454.0	8365.3	8247.2	8047.9	7747.6	7331.6	6778.9	6090.3
-37.5°	6458.2	6700.2	6830.8	6846.2	6830.8	6700.2	6458.2	6094.5	5596.5	5000.0	4302.9
-40°	4498.6	4761.5	4916.3	4970.0	4916.3	4761.5	4498.6	4123.9	3632.4	3058.7	2554.4
-42.5°	2503.7	2661.8	2730.1	2690.2	2730.1	2661.8	2503.7	2274.9	1989.5	1647.7	1382.2
-45°	1281.5	1317.5	1350.5	1386.8	1350.5	1317.5	1281.5	1228.7	1171.0	1095.4	1005.4
-47.5°	972.5	987.9	1008.3	1035.1	1008.3	987.9	972.5	951.7	931.2	910.5	884.3
-50°	855.7	871.0	892.2	917.8	892.2	871.0	855.7	837.3	821.4	813.8	807.0
-52.5°	754.7	764.8	781.5	802.8	781.5	764.8	754.7	740.9	726.6	722.7	714.7
-55°	675.6	687.8	699.6	710.3	699.6	687.8	675.6	661.7	647.1	644.1	636.2
-57.5°	612.7	623.2	631.8	638.2	631.8	623.2	612.7	600.9	588.3	580.0	569.3
-60°	544.4	550.7	559.5	568.3	559.5	550.7	544.4	536.6	527.2	517.6	507.1
-62.5°	471.5	479.0	484.4	487.1	484.4	479.0	471.5	462.0	451.0	441.4	433.5
-65°	361.3	361.2	362.5	363.1	362.5	361.2	361.3	359.7	356.0	353.0	349.3
-67.5°	295.4	297.8	301.3	304.4	301.3	297.8	295.4	292.2	288.5	285.1	282.1
-70°	237.7	238.2	229.9	218.7	229.9	238.2	237.7	237.5	238.4	239.6	237.9
-72.5°	152.5	133.7	125.3	117.3	125.3	133.7	152.5	170.7	188.4	200.9	199.9
-75°	112.9	93.3	92.4	92.5	92.4	93.3	112.9	131.9	150.4	164.8	164.4
-77.5°	85.2	68.2	67.6	67.7	67.6	68.2	85.2	101.5	116.6	128.5	127.7
-80°	57.8	49.6	50.7	51.9	50.7	49.6	57.8	65.7	73.2	80.1	82.9
-82.5°	39.0	33.7	33.7	33.8	33.7	33.7	39.0	44.0	48.7	52.7	51.3
-85°	15.0	13.4	13.5	13.5	13.5	13.4	15.0	16.5	17.9	19.2	18.3
-87.5°	2.8	2.3	2.3	2.3	2.3	2.3	2.8	3.4	3.9	4.3	4.3
-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: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
85°	17.4	16.4	15.5	17.2	18.6	19.7	20.3	18.0	15.9	13.8	12.1
82.5°	49.6	47.7	45.7	46.0	46.1	46.1	45.5	39.9	34.7	29.8	25.9
80°	84.9	86.1	86.1	84.4	82.4	80.3	76.6	66.6	57.5	49.5	44.0
77.5°	126.9	126.2	125.2	122.2	119.3	116.5	110.8	95.9	81.6	68.6	61.6
75°	163.5	162.2	159.7	155.4	150.8	145.9	137.4	122.6	107.2	91.1	82.6
72.5°	198.4	196.3	192.9	187.6	181.9	175.9	167.5	154.7	138.8	119.8	110.3
70°	235.5	232.6	228.1	221.6	214.6	207.4	200.9	191.7	178.7	162.4	153.0
67.5°	278.1	273.1	268.3	261.4	254.7	246.1	240.2	232.5	222.6	208.8	198.3
65°	341.9	330.5	323.6	322.6	316.2	303.5	289.6	280.7	271.2	258.1	243.7
62.5°	426.7	421.8	408.9	395.0	384.2	375.2	358.3	339.5	323.3	308.5	291.3
60°	495.5	483.9	473.2	460.4	445.6	431.1	417.1	398.8	376.1	357.6	338.7
57.5°	555.4	544.1	536.9	524.8	507.3	492.6	477.3	458.8	436.4	409.7	386.1
55°	622.8	614.3	606.7	595.2	579.4	559.4	539.7	519.9	494.8	462.7	433.6
52.5°	703.0	692.5	681.1	668.9	650.4	625.8	602.4	579.0	549.9	515.1	479.7
50°	796.4	775.0	756.1	739.9	715.8	688.3	660.5	634.1	599.7	563.9	527.0
47.5°	866.6	848.2	827.0	803.5	776.3	746.9	715.7	682.5	646.6	609.2	570.4
45°	971.8	932.2	890.7	864.5	834.0	802.1	768.9	731.0	691.8	652.0	611.2
42.5°	1245.0	1097.0	1001.1	945.8	894.9	859.1	818.9	778.0	736.2	693.6	650.5
40°	2041.6	1466.0	1273.6	1086.4	987.4	923.1	871.1	823.2	778.8	733.8	688.3
37.5°	3502.4	2686.8	2022.7	1422.4	1198.8	1010.4	932.0	870.1	819.6	772.7	724.8
35°	5337.3	4397.4	3308.6	2421.7	1606.9	1254.8	1012.6	925.7	861.2	810.3	759.8
32.5°	6931.4	6015.9	4964.0	3744.1	2623.4	1693.3	1250.2	999.7	907.1	847.6	793.9
30°	8287.3	7441.3	6437.0	5221.9	3879.8	2616.6	1598.1	1189.5	975.6	883.0	826.5
27.5°	9393.4	8634.5	7694.3	6589.0	5220.1	3735.4	2424.8	1425.6	1078.4	936.2	857.3
25°	10409.3	9608.9	8726.8	7695.3	6449.4	4951.9	3329.4	2047.3	1280.5	993.1	886.1
22.5°	11374.0	10524.0	9617.8	8618.2	7465.1	6033.9	4415.9	2739.1	1484.5	1096.0	930.7
20°	12306.8	11369.9	10425.6	9387.1	8235.5	6987.5	5399.5	3568.1	2066.8	1252.4	973.1
17.5°	13262.3	12190.0	11120.5	10063.5	8896.3	7643.3	6166.0	4401.7	2572.9	1393.1	1009.7
15°	14167.3	12969.5	11789.5	10627.3	9460.1	8190.4	6806.0	5144.2	3075.3	1677.8	1113.8
12.5°	15083.6	13689.2	12408.4	11105.3	9934.2	8646.9	7259.8	5650.9	3664.8	2026.5	1217.2
10°	15913.5	14349.5	12929.3	11550.4	10287.6	9011.1	7624.5	6058.2	4149.5	2313.1	1302.1
7.5°	16624.8	14923.8	13362.8	11913.2	10571.5	9315.0	7937.5	6383.2	4514.6	2534.6	1368.4
5°	17173.3	15343.4	13696.1	12210.7	10792.1	9522.1	8166.5	6619.8	4760.6	2690.1	1416.0
2.5°	17503.4	15597.6	13891.5	12395.3	10929.3	9640.2	8287.7	6771.2	4917.4	2790.5	1451.2
0°	17645.5	15674.6	14035.2	12519.8	10981.9	9689.8	8284.9	6828.2	4974.6	2827.8	1468.0
-2.5°	17503.4	15597.6	13891.5	12395.3	10929.3	9640.2	8287.7	6771.2	4917.4	2790.5	1451.2
-5°	17173.3	15343.4	13696.1	12210.7	10792.1	9522.1	8166.5	6619.8	4760.6	2690.1	1416.0
-7.5°	16624.8	14923.8	13362.8	11913.2	10571.5	9315.0	7937.5	6383.2	4514.6	2534.6	1368.4
-10°	15913.5	14349.5	12929.3	11550.4	10287.6	9011.1	7624.5	6058.2	4149.5	2313.1	1302.1
-12.5°	15083.6	13689.2	12408.4	11105.3	9934.2	8646.9	7259.8	5650.9	3664.8	2026.5	1217.2
-15°	14167.3	12969.5	11789.5	10627.3	9460.1	8190.4	6806.0	5144.2	3075.3	1677.8	1113.8
-17.5°	13262.3	12190.0	11120.5	10063.5	8896.3	7643.3	6166.0	4401.7	2572.9	1393.1	1009.7
-20°	12306.8	11369.9	10425.6	9387.1	8235.5	6987.5	5399.5	3568.1	2066.8	1252.4	973.1



REPORT NUMBER: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11374.0	10524.0	9617.8	8618.2	7465.1	6033.9	4415.9	2739.1	1484.5	1096.0	930.7
-25°	10409.3	9608.9	8726.8	7695.3	6449.4	4951.9	3329.4	2047.3	1280.5	993.1	886.1
-27.5°	9393.4	8634.5	7694.3	6589.0	5220.1	3735.4	2424.8	1425.6	1078.4	936.2	857.3
-30°	8287.3	7441.3	6437.0	5221.9	3879.8	2616.6	1598.1	1189.5	975.6	883.0	826.5
-32.5°	6931.4	6015.9	4964.0	3744.1	2623.4	1693.3	1250.2	999.7	907.1	847.6	793.9
-35°	5337.3	4397.4	3308.6	2421.7	1606.9	1254.8	1012.6	925.7	861.2	810.3	759.8
-37.5°	3502.4	2686.8	2022.7	1422.4	1198.8	1010.4	932.0	870.1	819.6	772.7	724.8
-40°	2041.6	1466.0	1273.6	1086.4	987.4	923.1	871.1	823.2	778.8	733.8	688.3
-42.5°	1245.0	1097.0	1001.1	945.8	894.9	859.1	818.9	778.0	736.2	693.6	650.5
-45°	971.8	932.2	890.7	864.5	834.0	802.1	768.9	731.0	691.8	652.0	611.2
-47.5°	866.6	848.2	827.0	803.5	776.3	746.9	715.7	682.5	646.6	609.2	570.4
-50°	796.4	775.0	756.1	739.9	715.8	688.3	660.5	634.1	599.7	563.9	527.0
-52.5°	703.0	692.5	681.1	668.9	650.4	625.8	602.4	579.0	549.9	515.1	479.7
-55°	622.8	614.3	606.7	595.2	579.4	559.4	539.7	519.9	494.8	462.7	433.6
-57.5°	555.4	544.1	536.9	524.8	507.3	492.6	477.3	458.8	436.4	409.7	386.1
-60°	495.5	483.9	473.2	460.4	445.6	431.1	417.1	398.8	376.1	357.6	338.7
-62.5°	426.7	421.8	408.9	395.0	384.2	375.2	358.3	339.5	323.3	308.5	291.3
-65°	341.9	330.5	323.6	322.6	316.2	303.5	289.6	280.7	271.2	258.1	243.7
-67.5°	278.1	273.1	268.3	261.4	254.7	246.1	240.2	232.5	222.6	208.8	198.3
-70°	235.5	232.6	228.1	221.6	214.6	207.4	200.9	191.7	178.7	162.4	153.0
-72.5°	198.4	196.3	192.9	187.6	181.9	175.9	167.5	154.7	138.8	119.8	110.3
-75°	163.5	162.2	159.7	155.4	150.8	145.9	137.4	122.6	107.2	91.1	82.6
-77.5°	126.9	126.2	125.2	122.2	119.3	116.5	110.8	95.9	81.6	68.6	61.6
-80°	84.9	86.1	86.1	84.4	82.4	80.3	76.6	66.6	57.5	49.5	44.0
-82.5°	49.6	47.7	45.7	46.0	46.1	46.1	45.5	39.9	34.7	29.8	25.9
-85°	17.4	16.4	15.5	17.2	18.6	19.7	20.3	18.0	15.9	13.8	12.1
-87.5°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.2
-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: P559173 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	4.3	4.8	5.2	5.4	5.6	5.7	5.7	5.4	5.0	4.6
85°	12.8	13.3	13.3	13.0	12.2	11.3	11.5	11.4	10.8	10.0	9.2
82.5°	27.0	28.0	28.6	28.5	26.7	24.8	22.8	20.8	18.5	15.5	13.7
80°	46.6	48.0	48.5	47.2	42.7	38.3	35.3	32.4	30.0	26.7	22.3
77.5°	66.3	69.2	70.5	68.9	62.8	56.6	50.5	44.9	41.6	37.9	33.0
75°	86.7	91.2	93.9	92.2	84.6	74.8	67.0	60.5	55.8	49.5	43.7
72.5°	112.4	114.7	117.1	116.7	109.9	100.2	87.6	76.3	71.0	63.9	55.2
70°	146.9	140.5	139.0	138.1	134.0	126.4	113.7	98.8	86.4	78.4	68.6
67.5°	189.2	180.3	171.1	161.4	156.5	149.7	139.6	122.2	105.8	93.0	82.0
65°	230.9	219.0	207.9	193.7	182.1	173.1	162.7	144.1	124.5	108.2	95.5
62.5°	273.5	256.1	241.1	224.7	209.3	196.7	185.6	164.4	142.4	122.8	107.6
60°	318.1	297.2	274.4	254.6	236.0	219.2	204.3	184.4	160.6	136.6	118.7
57.5°	363.5	338.9	311.1	285.2	262.9	242.3	222.2	201.9	178.5	152.0	128.5
55°	408.2	381.2	347.7	316.8	289.9	266.2	240.9	218.0	195.4	167.7	135.6
52.5°	448.0	419.9	386.6	349.3	316.9	289.1	261.2	233.8	209.7	183.0	145.4
50°	488.7	453.8	422.0	385.0	343.9	311.7	280.8	251.3	223.7	197.2	154.5
47.5°	531.1	490.3	453.1	418.4	376.4	333.6	300.6	268.4	237.4	209.4	162.4
45°	570.0	527.9	485.1	446.6	406.7	359.1	320.0	284.9	252.1	215.6	169.3
42.5°	606.9	562.9	518.2	473.8	432.1	384.2	338.7	301.7	266.2	220.4	174.1
40°	642.3	595.9	549.3	503.0	457.4	407.0	359.1	318.0	278.7	224.6	177.3
37.5°	675.9	627.4	578.6	530.9	483.2	430.7	378.0	333.5	284.8	229.2	179.5
35°	708.5	657.1	607.6	557.7	507.6	454.6	394.8	348.5	294.0	233.1	180.8
32.5°	739.5	686.1	635.2	583.5	530.7	478.8	413.7	362.1	305.1	236.2	181.1
30°	769.8	714.6	661.0	608.1	552.6	498.9	435.1	375.5	318.0	238.6	181.1
27.5°	798.6	740.8	685.1	630.6	573.9	517.4	455.8	388.6	332.5	243.3	182.3
25°	825.1	765.2	707.6	651.3	593.8	535.2	475.1	401.5	344.6	253.1	182.7
22.5°	849.6	787.5	727.9	670.2	613.3	552.4	491.3	417.4	354.6	263.3	182.5
20°	872.0	807.2	746.9	690.2	631.0	568.7	505.1	431.8	363.9	273.7	181.6
17.5°	894.3	827.9	768.7	709.1	647.3	583.6	518.0	444.7	372.6	283.9	179.9
15°	929.5	850.2	788.6	726.9	662.5	596.8	529.8	456.0	380.4	293.8	179.3
12.5°	961.2	870.1	806.4	743.4	676.3	608.5	540.4	465.7	387.4	300.6	180.1
10°	987.9	887.6	822.2	758.3	688.7	618.5	549.7	473.9	393.2	303.4	179.6
7.5°	1009.8	902.6	835.8	771.6	700.1	628.2	558.3	480.9	398.9	303.7	178.2
5°	1028.5	919.0	852.8	786.1	713.6	637.7	565.6	486.2	404.0	301.6	175.8
2.5°	1049.9	938.8	871.7	798.9	725.4	645.6	571.2	489.7	408.0	297.3	172.8
0°	1066.6	956.1	888.5	809.5	735.1	651.7	575.0	491.6	410.4	290.9	169.1
-2.5°	1049.9	938.8	871.7	798.9	725.4	645.6	571.2	489.7	408.0	297.3	172.8
-5°	1028.5	919.0	852.8	786.1	713.6	637.7	565.6	486.2	404.0	301.6	175.8
-7.5°	1009.8	902.6	835.8	771.6	700.1	628.2	558.3	480.9	398.9	303.7	178.2
-10°	987.9	887.6	822.2	758.3	688.7	618.5	549.7	473.9	393.2	303.4	179.6
-12.5°	961.2	870.1	806.4	743.4	676.3	608.5	540.4	465.7	387.4	300.6	180.1
-15°	929.5	850.2	788.6	726.9	662.5	596.8	529.8	456.0	380.4	293.8	179.3
-17.5°	894.3	827.9	768.7	709.1	647.3	583.6	518.0	444.7	372.6	283.9	179.9
-20°	872.0	807.2	746.9	690.2	631.0	568.7	505.1	431.8	363.9	273.7	181.6



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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°	849.6	787.5	727.9	670.2	613.3	552.4	491.3	417.4	354.6	263.3	182.5
-25°	825.1	765.2	707.6	651.3	593.8	535.2	475.1	401.5	344.6	253.1	182.7
-27.5°	798.6	740.8	685.1	630.6	573.9	517.4	455.8	388.6	332.5	243.3	182.3
-30°	769.8	714.6	661.0	608.1	552.6	498.9	435.1	375.5	318.0	238.6	181.1
-32.5°	739.5	686.1	635.2	583.5	530.7	478.8	413.7	362.1	305.1	236.2	181.1
-35°	708.5	657.1	607.6	557.7	507.6	454.6	394.8	348.5	294.0	233.1	180.8
-37.5°	675.9	627.4	578.6	530.9	483.2	430.7	378.0	333.5	284.8	229.2	179.5
-40°	642.3	595.9	549.3	503.0	457.4	407.0	359.1	318.0	278.7	224.6	177.3
-42.5°	606.9	562.9	518.2	473.8	432.1	384.2	338.7	301.7	266.2	220.4	174.1
-45°	570.0	527.9	485.1	446.6	406.7	359.1	320.0	284.9	252.1	215.6	169.3
-47.5°	531.1	490.3	453.1	418.4	376.4	333.6	300.6	268.4	237.4	209.4	162.4
-50°	488.7	453.8	422.0	385.0	343.9	311.7	280.8	251.3	223.7	197.2	154.5
-52.5°	448.0	419.9	386.6	349.3	316.9	289.1	261.2	233.8	209.7	183.0	145.4
-55°	408.2	381.2	347.7	316.8	289.9	266.2	240.9	218.0	195.4	167.7	135.6
-57.5°	363.5	338.9	311.1	285.2	262.9	242.3	222.2	201.9	178.5	152.0	128.5
-60°	318.1	297.2	274.4	254.6	236.0	219.2	204.3	184.4	160.6	136.6	118.7
-62.5°	273.5	256.1	241.1	224.7	209.3	196.7	185.6	164.4	142.4	122.8	107.6
-65°	230.9	219.0	207.9	193.7	182.1	173.1	162.7	144.1	124.5	108.2	95.5
-67.5°	189.2	180.3	171.1	161.4	156.5	149.7	139.6	122.2	105.8	93.0	82.0
-70°	146.9	140.5	139.0	138.1	134.0	126.4	113.7	98.8	86.4	78.4	68.6
-72.5°	112.4	114.7	117.1	116.7	109.9	100.2	87.6	76.3	71.0	63.9	55.2
-75°	86.7	91.2	93.9	92.2	84.6	74.8	67.0	60.5	55.8	49.5	43.7
-77.5°	66.3	69.2	70.5	68.9	62.8	56.6	50.5	44.9	41.6	37.9	33.0
-80°	46.6	48.0	48.5	47.2	42.7	38.3	35.3	32.4	30.0	26.7	22.3
-82.5°	27.0	28.0	28.6	28.5	26.7	24.8	22.8	20.8	18.5	15.5	13.7
-85°	12.8	13.3	13.3	13.0	12.2	11.3	11.5	11.4	10.8	10.0	9.2
-87.5°	3.8	4.3	4.8	5.2	5.4	5.6	5.7	5.7	5.4	5.0	4.6
-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):**

	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°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
85°	8.2	6.3	4.7	3.2	2.0	1.0	0.0
82.5°	12.2	9.5	7.0	4.8	2.9	1.5	0.0
80°	16.9	12.6	9.3	6.4	3.9	2.0	0.0
77.5°	26.4	17.1	11.6	8.0	4.9	2.4	0.0
75°	35.8	24.4	14.4	9.5	5.8	2.9	0.0
72.5°	45.0	31.6	19.7	11.0	6.8	3.4	0.0
70°	54.2	38.5	24.9	12.9	7.7	3.9	0.0
67.5°	64.9	45.3	29.9	16.4	8.6	4.3	0.0
65°	75.1	52.5	34.7	19.8	9.5	4.8	0.0
62.5°	84.9	60.1	39.4	23.1	10.4	5.2	0.0
60°	94.2	67.4	43.9	26.2	11.3	5.6	0.0
57.5°	100.6	74.3	49.0	29.3	13.3	6.1	0.0
55°	105.9	80.7	53.9	32.1	15.2	6.5	0.0
52.5°	110.5	86.3	58.5	34.8	17.0	6.9	0.0
50°	114.3	89.1	62.8	37.4	18.8	7.3	0.0
47.5°	117.8	91.3	66.7	39.9	20.6	7.6	0.0
45°	123.5	92.9	70.3	42.6	22.2	8.0	0.0
42.5°	128.3	94.0	73.6	45.1	23.8	8.3	0.0
40°	132.3	94.5	75.3	47.6	25.2	8.7	0.0
37.5°	135.3	94.5	75.5	50.3	26.6	9.0	0.0
35°	137.5	95.7	75.4	52.9	27.9	9.3	0.0
32.5°	138.6	97.2	75.0	55.5	29.1	9.5	0.0
30°	138.5	98.1	74.2	57.9	30.2	9.8	0.0
27.5°	137.7	98.4	75.0	60.3	31.3	10.0	0.0
25°	136.2	98.1	75.9	62.5	32.2	10.2	0.0
22.5°	134.0	98.3	76.6	64.7	33.0	10.4	0.0
20°	131.2	100.8	77.2	66.7	33.8	10.6	0.0
17.5°	131.4	103.1	77.7	68.5	34.4	10.8	0.0
15°	133.3	105.0	78.1	70.2	34.9	10.9	0.0
12.5°	134.9	106.7	78.4	71.8	35.4	11.0	0.0
10°	136.1	108.1	78.6	73.2	35.7	11.1	0.0
7.5°	137.0	109.1	78.8	74.4	36.0	11.2	0.0
5°	137.5	109.9	78.8	75.4	36.1	11.3	0.0
2.5°	137.7	110.3	78.9	76.1	36.1	11.3	0.0
0°	137.6	110.5	78.9	76.7	36.1	11.3	0.0
-2.5°	137.7	110.3	78.9	76.1	36.1	11.3	0.0
-5°	137.5	109.9	78.8	75.4	36.1	11.3	0.0
-7.5°	137.0	109.1	78.8	74.4	36.0	11.2	0.0
-10°	136.1	108.1	78.6	73.2	35.7	11.1	0.0
-12.5°	134.9	106.7	78.4	71.8	35.4	11.0	0.0
-15°	133.3	105.0	78.1	70.2	34.9	10.9	0.0
-17.5°	131.4	103.1	77.7	68.5	34.4	10.8	0.0
-20°	131.2	100.8	77.2	66.7	33.8	10.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.0	98.3	76.6	64.7	33.0	10.4	0.0
-25°	136.2	98.1	75.9	62.5	32.2	10.2	0.0
-27.5°	137.7	98.4	75.0	60.3	31.3	10.0	0.0
-30°	138.5	98.1	74.2	57.9	30.2	9.8	0.0
-32.5°	138.6	97.2	75.0	55.5	29.1	9.5	0.0
-35°	137.5	95.7	75.4	52.9	27.9	9.3	0.0
-37.5°	135.3	94.5	75.5	50.3	26.6	9.0	0.0
-40°	132.3	94.5	75.3	47.6	25.2	8.7	0.0
-42.5°	128.3	94.0	73.6	45.1	23.8	8.3	0.0
-45°	123.5	92.9	70.3	42.6	22.2	8.0	0.0
-47.5°	117.8	91.3	66.7	39.9	20.6	7.6	0.0
-50°	114.3	89.1	62.8	37.4	18.8	7.3	0.0
-52.5°	110.5	86.3	58.5	34.8	17.0	6.9	0.0
-55°	105.9	80.7	53.9	32.1	15.2	6.5	0.0
-57.5°	100.6	74.3	49.0	29.3	13.3	6.1	0.0
-60°	94.2	67.4	43.9	26.2	11.3	5.6	0.0
-62.5°	84.9	60.1	39.4	23.1	10.4	5.2	0.0
-65°	75.1	52.5	34.7	19.8	9.5	4.8	0.0
-67.5°	64.9	45.3	29.9	16.4	8.6	4.3	0.0
-70°	54.2	38.5	24.9	12.9	7.7	3.9	0.0
-72.5°	45.0	31.6	19.7	11.0	6.8	3.4	0.0
-75°	35.8	24.4	14.4	9.5	5.8	2.9	0.0
-77.5°	26.4	17.1	11.6	8.0	4.9	2.4	0.0
-80°	16.9	12.6	9.3	6.4	3.9	2.0	0.0
-82.5°	12.2	9.5	7.0	4.8	2.9	1.5	0.0
-85°	8.2	6.3	4.7	3.2	2.0	1.0	0.0
-87.5°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)