

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: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559181 (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-935-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (96) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

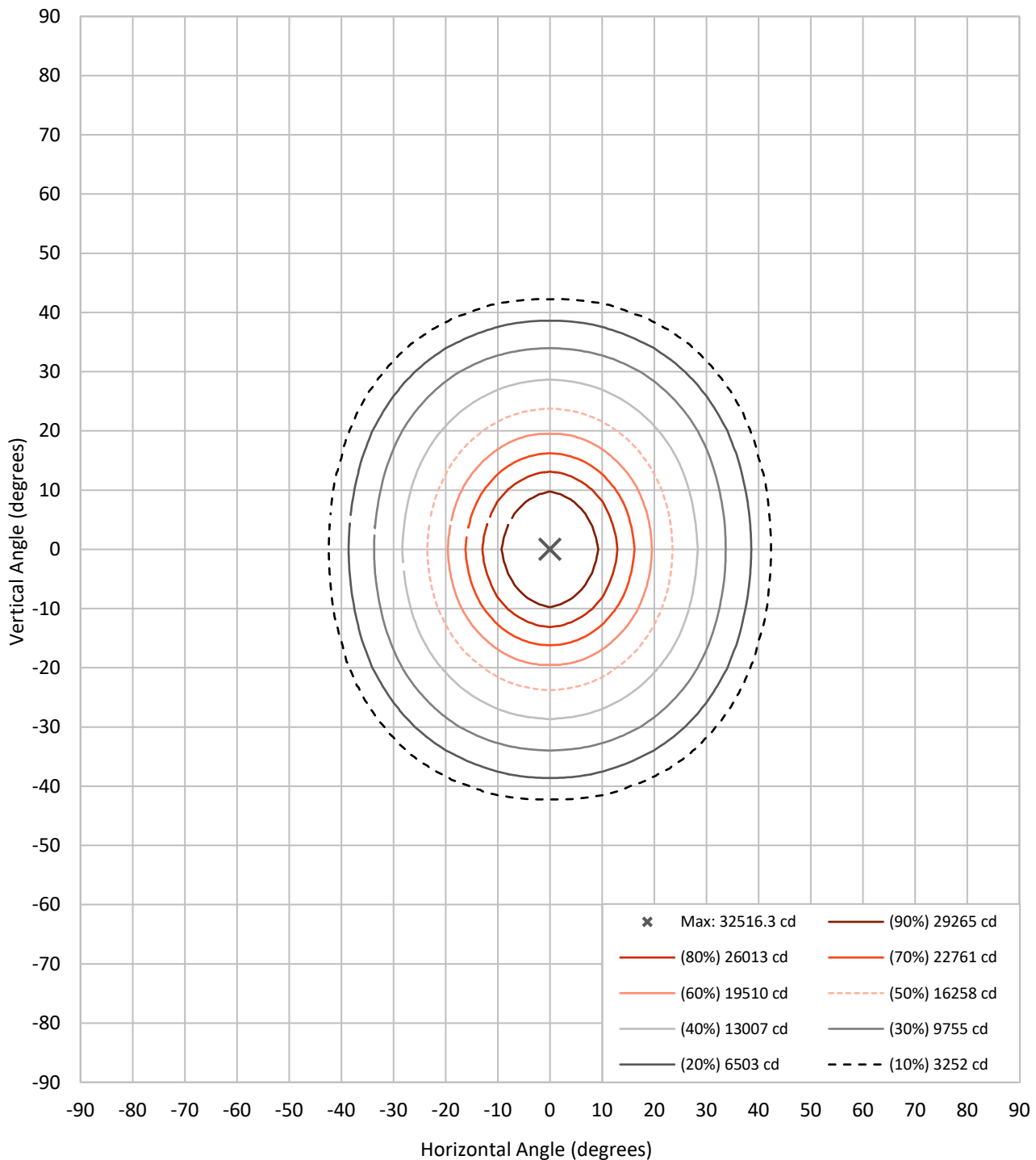
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25312.2 lumens	Max Intensity:	32516.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	11944 lumens	Field Lumens:	22983.4 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





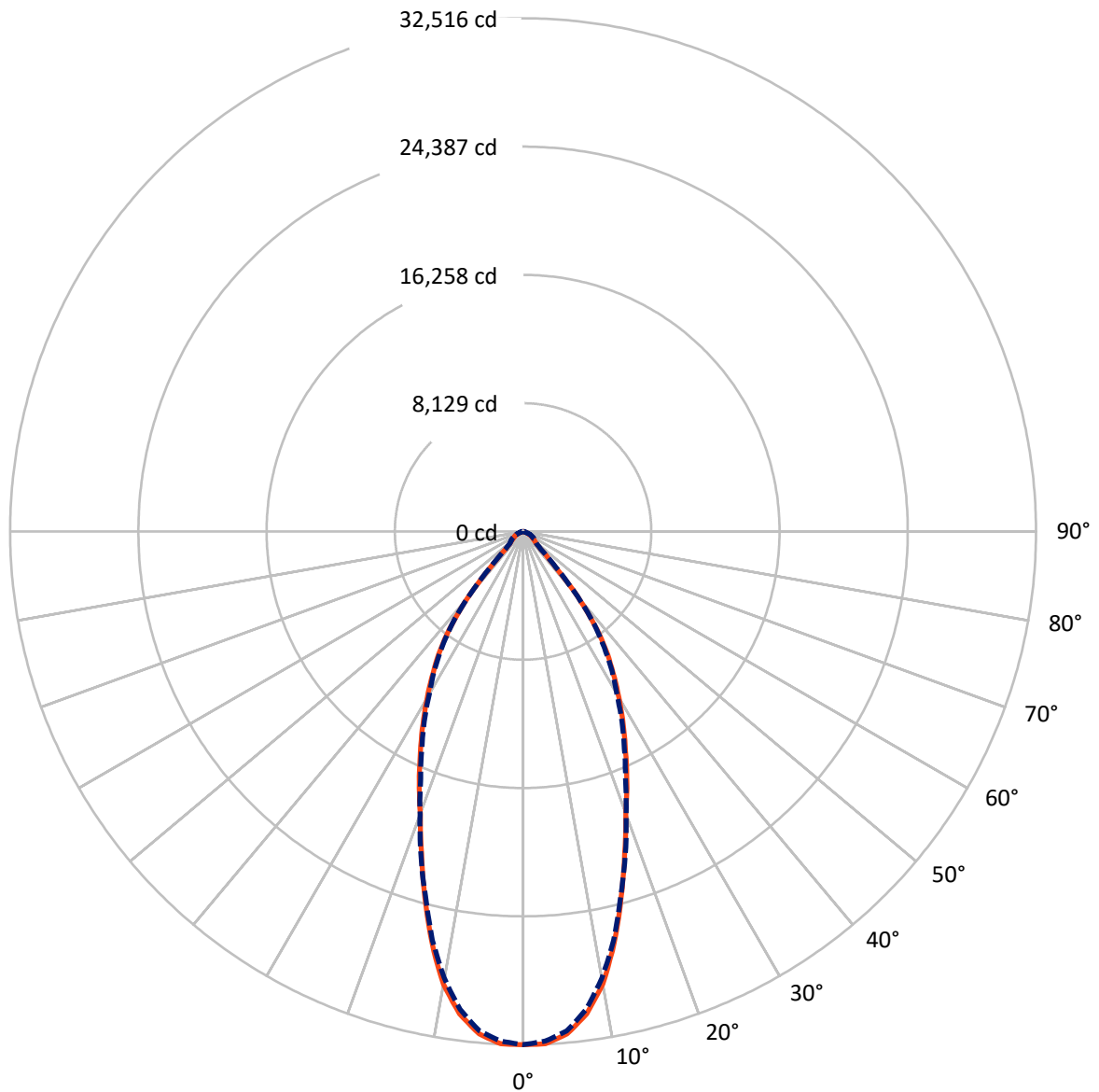
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### Lumen Table

90																
80	0.4	3.1		7.0		11.4		8.9		11.4		7.0		3.1		0.4
70																
60	1.8	2.0	3.7	5.7	8.1	10.1	11.6	12.5	12.5	11.6	10.1	8.1	5.7	3.7	2.0	1.8
50		3.1	6.1	10.1	14.5	18.2	20.8	22.9	22.9	20.8	18.2	14.5	10.1	6.1	3.1	
40	2.7	4.0	8.5	14.2	20.7	28.4	45.0	63.0	63.0	45.0	28.4	20.7	14.2	8.5	4.0	2.7
30		4.9	10.6	17.8	33.4	106.7	207.7	264.6	264.6	207.7	106.7	33.4	17.8	10.6	4.9	
20	3.0	5.7	12.4	22.2	97.5	254.8	376.0	455.3	455.3	376.0	254.8	97.5	22.2	12.4	5.7	3.0
10		6.4	13.8	34.1	177.3	351.7	534.4	695.6	695.6	534.4	351.7	177.3	34.1	13.8	6.4	
0	3.1	6.8	14.9	47.0	216.1	410.4	672.2	909.1	909.1	672.2	410.4	216.1	47.0	14.9	6.8	3.1
-10		6.8	14.9	47.0	216.1	410.4	672.2	909.1	909.1	672.2	410.4	216.1	47.0	14.9	6.8	
-20	3.0	6.4	13.8	34.1	177.3	351.7	534.4	695.6	695.6	534.4	351.7	177.3	34.1	13.8	6.4	3.0
-30		5.7	12.4	22.2	97.5	254.8	376.0	455.3	455.3	376.0	254.8	97.5	22.2	12.4	5.7	
-40	2.7	4.9	10.6	17.8	33.4	106.7	207.7	264.6	264.6	207.7	106.7	33.4	17.8	10.6	4.9	2.7
-50		4.0	8.5	14.2	20.7	28.4	45.0	63.0	63.0	45.0	28.4	20.7	14.2	8.5	4.0	
-60	1.8	3.1	6.1	10.1	14.5	18.2	20.8	22.9	22.9	20.8	18.2	14.5	10.1	6.1	3.1	1.8
-70		2.0	3.7	5.7	8.1	10.1	11.6	12.5	12.5	11.6	10.1	8.1	5.7	3.7	2.0	
-80																
-90	0.4	3.1		7.0		11.4		8.9		11.4		7.0		3.1		0.4

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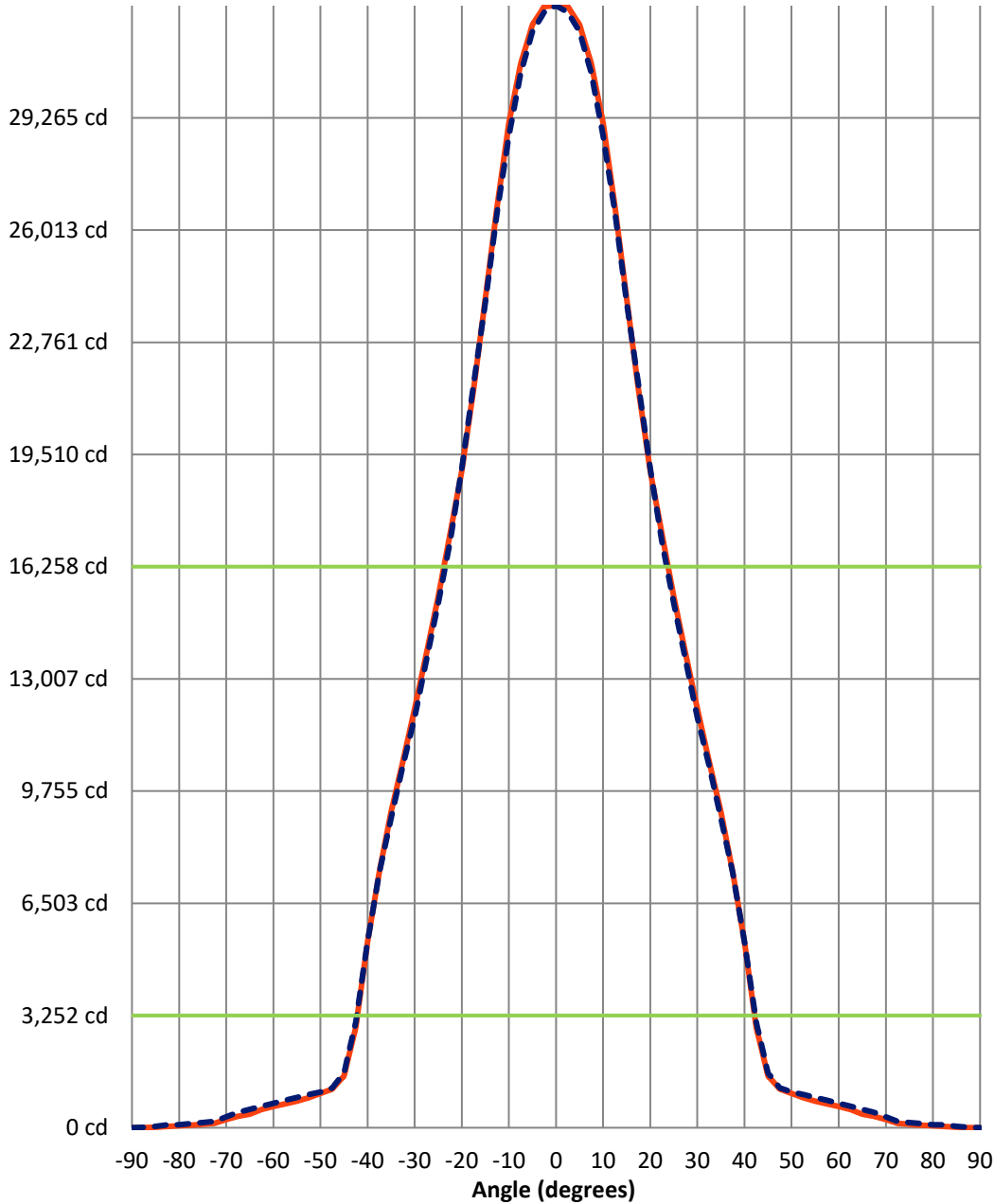
### Luminous Intensity Polar Plot



— 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: 11944  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 22983.4  
Efficiency: 90.8%

**Spill:**  
Lumens: 2328.8  
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	1.1	1.8	2.5	3.4	4.4	5.0	5.4	5.8	6.2
85°	0.0	1.1	2.1	3.5	5.1	6.9	8.8	9.9	10.8	11.7	12.3
82.5°	0.0	1.6	3.2	5.2	7.6	10.2	13.2	14.9	16.7	20.0	22.5
80°	0.0	2.1	4.2	6.9	10.1	13.6	18.2	24.2	28.9	32.5	35.0
77.5°	0.0	2.6	5.3	8.6	12.5	18.6	28.6	35.8	41.0	45.0	48.6
75°	0.0	3.2	6.3	10.3	15.5	26.5	38.8	47.4	53.6	60.4	65.5
72.5°	0.0	3.7	7.3	11.9	21.3	34.2	48.7	59.7	69.2	76.8	82.5
70°	0.0	4.2	8.3	14.0	26.9	41.7	58.7	74.3	84.9	93.5	106.9
67.5°	0.0	4.7	9.3	17.7	32.4	49.0	70.3	88.8	100.7	114.5	132.2
65°	0.0	5.2	10.3	21.4	37.6	56.9	81.4	103.4	117.2	134.7	156.0
62.5°	0.0	5.6	11.3	25.0	42.7	65.1	92.0	116.5	132.9	154.2	178.0
60°	0.0	6.1	12.2	28.4	47.5	73.0	102.0	128.5	147.9	173.9	199.7
57.5°	0.0	6.6	14.3	31.7	53.1	80.4	108.9	139.1	164.6	193.3	218.6
55°	0.0	7.0	16.4	34.8	58.4	87.4	114.7	146.9	181.5	211.5	236.0
52.5°	0.0	7.4	18.4	37.8	63.3	93.4	119.7	157.4	198.1	227.0	253.1
50°	0.0	7.8	20.4	40.5	68.0	96.4	123.8	167.2	213.5	242.2	272.1
47.5°	0.0	8.2	22.2	43.3	72.2	98.8	127.5	175.9	226.7	257.0	290.6
45°	0.0	8.6	24.0	46.2	76.1	100.6	133.7	183.2	233.4	272.9	308.5
42.5°	0.0	9.0	25.7	48.8	79.7	101.8	138.9	188.5	238.7	288.2	326.6
40°	0.0	9.3	27.3	51.6	81.5	102.4	143.2	191.9	243.2	301.8	344.2
37.5°	0.0	9.7	28.8	54.5	81.8	102.3	146.5	194.3	248.2	308.4	361.1
35°	0.0	10.0	30.2	57.3	81.6	103.6	148.9	195.7	252.4	318.3	377.3
32.5°	0.0	10.3	31.5	60.1	81.2	105.2	150.0	196.1	255.8	330.3	392.0
30°	0.0	10.6	32.8	62.7	80.3	106.2	149.9	196.1	258.4	344.2	406.5
27.5°	0.0	10.8	33.9	65.3	81.2	106.5	149.0	197.4	263.4	360.0	420.7
25°	0.0	11.1	34.9	67.7	82.1	106.1	147.4	197.9	274.0	373.1	434.7
22.5°	0.0	11.3	35.8	70.0	82.9	106.4	145.1	197.6	285.1	383.9	451.9
20°	0.0	11.5	36.6	72.2	83.6	109.1	142.0	196.6	296.3	394.0	467.5
17.5°	0.0	11.6	37.3	74.2	84.1	111.6	142.2	194.7	307.4	403.4	481.4
15°	0.0	11.8	37.8	76.0	84.5	113.7	144.3	194.1	318.1	411.9	493.6
12.5°	0.0	11.9	38.3	77.7	84.9	115.5	146.1	194.9	325.5	419.4	504.1
10°	0.0	12.0	38.7	79.2	85.1	117.0	147.4	194.5	328.5	425.7	513.1
7.5°	0.0	12.1	38.9	80.5	85.3	118.1	148.3	192.9	328.8	431.9	520.6
5°	0.0	12.2	39.1	81.6	85.3	118.9	148.9	190.4	326.5	437.4	526.3
2.5°	0.0	12.2	39.2	82.4	85.4	119.4	149.1	187.1	321.8	441.7	530.2
0°	0.0	12.2	39.1	83.0	85.4	119.6	148.9	183.1	314.9	444.3	532.2
-2.5°	0.0	12.2	39.2	82.4	85.4	119.4	149.1	187.1	321.8	441.7	530.2
-5°	0.0	12.2	39.1	81.6	85.3	118.9	148.9	190.4	326.5	437.4	526.3
-7.5°	0.0	12.1	38.9	80.5	85.3	118.1	148.3	192.9	328.8	431.9	520.6
-10°	0.0	12.0	38.7	79.2	85.1	117.0	147.4	194.5	328.5	425.7	513.1
-12.5°	0.0	11.9	38.3	77.7	84.9	115.5	146.1	194.9	325.5	419.4	504.1
-15°	0.0	11.8	37.8	76.0	84.5	113.7	144.3	194.1	318.1	411.9	493.6
-17.5°	0.0	11.6	37.3	74.2	84.1	111.6	142.2	194.7	307.4	403.4	481.4
-20°	0.0	11.5	36.6	72.2	83.6	109.1	142.0	196.6	296.3	394.0	467.5



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 CATALOG NUMBER: GFLD-SA6C-935-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	11.3	35.8	70.0	82.9	106.4	145.1	197.6	285.1	383.9	451.9
-25°	0.0	11.1	34.9	67.7	82.1	106.1	147.4	197.9	274.0	373.1	434.7
-27.5°	0.0	10.8	33.9	65.3	81.2	106.5	149.0	197.4	263.4	360.0	420.7
-30°	0.0	10.6	32.8	62.7	80.3	106.2	149.9	196.1	258.4	344.2	406.5
-32.5°	0.0	10.3	31.5	60.1	81.2	105.2	150.0	196.1	255.8	330.3	392.0
-35°	0.0	10.0	30.2	57.3	81.6	103.6	148.9	195.7	252.4	318.3	377.3
-37.5°	0.0	9.7	28.8	54.5	81.8	102.3	146.5	194.3	248.2	308.4	361.1
-40°	0.0	9.3	27.3	51.6	81.5	102.4	143.2	191.9	243.2	301.8	344.2
-42.5°	0.0	9.0	25.7	48.8	79.7	101.8	138.9	188.5	238.7	288.2	326.6
-45°	0.0	8.6	24.0	46.2	76.1	100.6	133.7	183.2	233.4	272.9	308.5
-47.5°	0.0	8.2	22.2	43.3	72.2	98.8	127.5	175.9	226.7	257.0	290.6
-50°	0.0	7.8	20.4	40.5	68.0	96.4	123.8	167.2	213.5	242.2	272.1
-52.5°	0.0	7.4	18.4	37.8	63.3	93.4	119.7	157.4	198.1	227.0	253.1
-55°	0.0	7.0	16.4	34.8	58.4	87.4	114.7	146.9	181.5	211.5	236.0
-57.5°	0.0	6.6	14.3	31.7	53.1	80.4	108.9	139.1	164.6	193.3	218.6
-60°	0.0	6.1	12.2	28.4	47.5	73.0	102.0	128.5	147.9	173.9	199.7
-62.5°	0.0	5.6	11.3	25.0	42.7	65.1	92.0	116.5	132.9	154.2	178.0
-65°	0.0	5.2	10.3	21.4	37.6	56.9	81.4	103.4	117.2	134.7	156.0
-67.5°	0.0	4.7	9.3	17.7	32.4	49.0	70.3	88.8	100.7	114.5	132.2
-70°	0.0	4.2	8.3	14.0	26.9	41.7	58.7	74.3	84.9	93.5	106.9
-72.5°	0.0	3.7	7.3	11.9	21.3	34.2	48.7	59.7	69.2	76.8	82.5
-75°	0.0	3.2	6.3	10.3	15.5	26.5	38.8	47.4	53.6	60.4	65.5
-77.5°	0.0	2.6	5.3	8.6	12.5	18.6	28.6	35.8	41.0	45.0	48.6
-80°	0.0	2.1	4.2	6.9	10.1	13.6	18.2	24.2	28.9	32.5	35.0
-82.5°	0.0	1.6	3.2	5.2	7.6	10.2	13.2	14.9	16.7	20.0	22.5
-85°	0.0	1.1	2.1	3.5	5.1	6.9	8.8	9.9	10.8	11.7	12.3
-87.5°	0.0	0.5	1.1	1.8	2.5	3.4	4.4	5.0	5.4	5.8	6.2
-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°	6.2	6.1	5.9	5.6	5.2	4.7	4.1	3.5	3.6	3.8	3.9
85°	12.4	12.2	13.2	14.1	14.5	14.4	13.9	13.1	15.0	17.2	19.5
82.5°	24.7	26.9	28.9	30.9	31.0	30.3	29.2	28.0	32.2	37.5	43.2
80°	38.2	41.5	46.3	51.2	52.5	52.0	50.4	47.7	53.6	62.3	72.1
77.5°	54.6	61.3	68.0	74.7	76.4	75.0	71.7	66.7	74.2	88.3	103.9
75°	72.5	81.0	91.6	99.9	101.7	98.8	93.8	89.5	98.6	116.0	132.7
72.5°	94.8	108.4	118.9	126.3	126.8	124.2	121.8	119.5	129.7	150.3	167.5
70°	123.1	136.8	145.0	149.5	150.5	152.1	159.1	165.6	175.8	193.4	207.5
67.5°	151.1	162.1	169.5	174.8	185.3	195.2	204.8	214.6	226.0	241.0	251.7
65°	176.2	187.4	197.1	209.7	225.0	237.1	250.0	263.9	279.5	293.6	303.8
62.5°	200.9	212.9	226.5	243.2	261.1	277.3	296.2	315.4	334.0	350.0	367.5
60°	221.2	237.3	255.5	275.7	297.1	321.8	344.4	366.7	387.1	407.1	431.7
57.5°	240.5	262.3	284.6	308.8	336.8	366.9	393.5	417.9	443.5	472.5	496.6
55°	260.8	288.2	313.8	343.0	376.5	412.7	441.8	469.3	500.9	535.7	562.8
52.5°	282.8	313.0	343.1	378.1	418.4	454.5	485.0	519.3	557.7	595.4	626.8
50°	304.0	337.4	372.3	416.8	456.8	491.3	529.1	570.5	610.5	649.3	686.4
47.5°	325.4	361.1	407.5	452.9	490.5	530.8	574.9	617.6	659.5	699.9	738.8
45°	346.4	388.7	440.2	483.3	525.1	571.5	617.1	661.7	705.9	748.9	791.3
42.5°	366.7	415.9	467.7	512.9	560.9	609.3	657.0	704.2	750.9	796.9	842.2
40°	388.8	440.6	495.1	544.5	594.6	645.1	695.3	745.1	794.4	843.1	891.1
37.5°	409.2	466.2	523.0	574.7	626.3	679.1	731.7	784.6	836.5	887.3	942.0
35°	427.4	492.1	549.5	603.7	657.7	711.3	767.0	822.6	877.2	932.4	1002.1
32.5°	447.9	518.2	574.5	631.6	687.5	742.7	800.6	859.4	917.6	982.0	1082.3
30°	471.0	540.1	598.2	658.2	715.5	773.5	833.3	894.7	955.9	1056.1	1287.7
27.5°	493.4	560.1	621.2	682.7	741.7	801.9	864.5	928.1	1013.5	1167.5	1543.3
25°	514.2	579.4	642.8	705.1	766.0	828.4	893.2	959.3	1075.1	1386.2	2216.3
22.5°	531.8	597.9	663.9	725.5	788.0	852.5	919.8	1007.5	1186.5	1607.1	2965.2
20°	546.8	615.6	683.1	747.1	808.5	873.9	943.9	1053.4	1355.8	2237.4	3862.6
17.5°	560.7	631.7	700.7	767.6	832.2	896.2	968.1	1093.1	1508.1	2785.3	4765.0
15°	573.5	646.1	717.1	786.9	853.7	920.4	1006.2	1205.7	1816.3	3329.2	5568.8
12.5°	585.0	658.7	732.1	804.7	873.0	942.0	1040.5	1317.7	2193.7	3967.3	6117.4
10°	595.0	669.6	745.5	820.9	890.0	960.9	1069.5	1409.6	2504.1	4492.1	6558.3
7.5°	604.4	680.0	757.8	835.3	904.8	977.2	1093.1	1481.3	2743.8	4887.3	6910.1
5°	612.2	690.3	772.5	851.0	923.2	994.9	1113.4	1532.9	2912.2	5153.7	7166.3
2.5°	618.3	698.9	785.3	864.9	943.6	1016.3	1136.6	1571.0	3020.8	5323.3	7330.1
0°	622.5	705.5	795.8	876.4	961.8	1035.1	1154.7	1589.2	3061.2	5385.2	7391.8
-2.5°	618.3	698.9	785.3	864.9	943.6	1016.3	1136.6	1571.0	3020.8	5323.3	7330.1
-5°	612.2	690.3	772.5	851.0	923.2	994.9	1113.4	1532.9	2912.2	5153.7	7166.3
-7.5°	604.4	680.0	757.8	835.3	904.8	977.2	1093.1	1481.3	2743.8	4887.3	6910.1
-10°	595.0	669.6	745.5	820.9	890.0	960.9	1069.5	1409.6	2504.1	4492.1	6558.3
-12.5°	585.0	658.7	732.1	804.7	873.0	942.0	1040.5	1317.7	2193.7	3967.3	6117.4
-15°	573.5	646.1	717.1	786.9	853.7	920.4	1006.2	1205.7	1816.3	3329.2	5568.8
-17.5°	560.7	631.7	700.7	767.6	832.2	896.2	968.1	1093.1	1508.1	2785.3	4765.0
-20°	546.8	615.6	683.1	747.1	808.5	873.9	943.9	1053.4	1355.8	2237.4	3862.6



REPORT NUMBER: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-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°	531.8	597.9	663.9	725.5	788.0	852.5	919.8	1007.5	1186.5	1607.1	2965.2
-25°	514.2	579.4	642.8	705.1	766.0	828.4	893.2	959.3	1075.1	1386.2	2216.3
-27.5°	493.4	560.1	621.2	682.7	741.7	801.9	864.5	928.1	1013.5	1167.5	1543.3
-30°	471.0	540.1	598.2	658.2	715.5	773.5	833.3	894.7	955.9	1056.1	1287.7
-32.5°	447.9	518.2	574.5	631.6	687.5	742.7	800.6	859.4	917.6	982.0	1082.3
-35°	427.4	492.1	549.5	603.7	657.7	711.3	767.0	822.6	877.2	932.4	1002.1
-37.5°	409.2	466.2	523.0	574.7	626.3	679.1	731.7	784.6	836.5	887.3	942.0
-40°	388.8	440.6	495.1	544.5	594.6	645.1	695.3	745.1	794.4	843.1	891.1
-42.5°	366.7	415.9	467.7	512.9	560.9	609.3	657.0	704.2	750.9	796.9	842.2
-45°	346.4	388.7	440.2	483.3	525.1	571.5	617.1	661.7	705.9	748.9	791.3
-47.5°	325.4	361.1	407.5	452.9	490.5	530.8	574.9	617.6	659.5	699.9	738.8
-50°	304.0	337.4	372.3	416.8	456.8	491.3	529.1	570.5	610.5	649.3	686.4
-52.5°	282.8	313.0	343.1	378.1	418.4	454.5	485.0	519.3	557.7	595.4	626.8
-55°	260.8	288.2	313.8	343.0	376.5	412.7	441.8	469.3	500.9	535.7	562.8
-57.5°	240.5	262.3	284.6	308.8	336.8	366.9	393.5	417.9	443.5	472.5	496.6
-60°	221.2	237.3	255.5	275.7	297.1	321.8	344.4	366.7	387.1	407.1	431.7
-62.5°	200.9	212.9	226.5	243.2	261.1	277.3	296.2	315.4	334.0	350.0	367.5
-65°	176.2	187.4	197.1	209.7	225.0	237.1	250.0	263.9	279.5	293.6	303.8
-67.5°	151.1	162.1	169.5	174.8	185.3	195.2	204.8	214.6	226.0	241.0	251.7
-70°	123.1	136.8	145.0	149.5	150.5	152.1	159.1	165.6	175.8	193.4	207.5
-72.5°	94.8	108.4	118.9	126.3	126.8	124.2	121.8	119.5	129.7	150.3	167.5
-75°	72.5	81.0	91.6	99.9	101.7	98.8	93.8	89.5	98.6	116.0	132.7
-77.5°	54.6	61.3	68.0	74.7	76.4	75.0	71.7	66.7	74.2	88.3	103.9
-80°	38.2	41.5	46.3	51.2	52.5	52.0	50.4	47.7	53.6	62.3	72.1
-82.5°	24.7	26.9	28.9	30.9	31.0	30.3	29.2	28.0	32.2	37.5	43.2
-85°	12.4	12.2	13.2	14.1	14.5	14.4	13.9	13.1	15.0	17.2	19.5
-87.5°	6.2	6.1	5.9	5.6	5.2	4.7	4.1	3.5	3.6	3.8	3.9
-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: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-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°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.2	3.6
85°	21.9	21.3	20.1	18.6	16.8	17.8	18.8	19.8	20.8	19.4	17.9
82.5°	49.2	49.9	49.9	49.7	49.5	51.6	53.7	55.5	57.0	52.7	47.6
80°	83.0	86.9	89.2	91.3	93.2	93.2	92.0	89.7	86.7	79.3	71.1
77.5°	119.9	126.1	129.2	132.3	135.5	136.6	137.4	138.3	139.1	126.2	109.8
75°	148.7	157.9	163.3	168.3	172.9	175.5	177.0	177.9	178.3	162.8	142.8
72.5°	181.4	190.5	196.9	203.1	208.8	212.6	214.7	216.4	217.5	203.9	184.8
70°	217.5	224.6	232.3	239.9	247.0	251.8	255.0	257.5	259.4	258.1	257.1
67.5°	260.1	266.4	275.7	283.0	290.4	295.7	301.1	305.5	308.7	312.3	316.4
65°	313.5	328.5	342.2	349.2	350.3	357.8	370.2	378.2	382.1	385.3	389.3
62.5°	387.8	406.1	415.9	427.6	442.6	456.6	462.0	469.3	477.8	488.3	500.2
60°	451.5	466.7	482.3	498.4	512.3	523.8	536.4	549.0	560.3	570.8	580.9
57.5°	516.7	533.2	549.1	568.1	581.3	589.1	601.3	616.3	627.8	636.9	650.5
55°	584.2	605.6	627.3	644.3	656.8	665.0	674.3	688.7	697.2	700.5	716.3
52.5°	652.1	677.5	704.1	724.1	737.3	749.6	761.0	773.7	782.4	786.6	802.0
50°	715.0	745.2	774.9	801.0	818.5	839.0	862.2	873.6	881.0	889.2	906.5
47.5°	774.8	808.6	840.4	869.8	895.2	918.2	938.1	957.4	985.6	1008.1	1030.3
45°	832.4	868.3	902.8	935.9	964.2	1009.2	1052.0	1088.4	1185.9	1267.7	1330.2
42.5°	886.5	930.0	968.8	1023.9	1083.8	1187.6	1347.9	1496.4	1783.7	2153.7	2462.7
40°	943.0	999.3	1068.9	1176.1	1378.8	1587.1	2210.1	2765.2	3311.2	3932.2	4464.3
37.5°	1008.9	1093.7	1297.8	1539.8	2189.7	2908.6	3791.5	4658.1	5412.7	6058.5	6597.6
35°	1096.2	1358.4	1739.5	2621.6	3581.8	4760.4	5778.0	6593.0	7338.5	7936.8	8387.2
32.5°	1353.4	1833.1	2840.0	4053.2	5373.8	6512.5	7503.6	8284.1	8964.1	9500.3	9917.8
30°	1730.0	2832.6	4200.1	5652.9	6968.4	8055.7	8971.4	9715.3	10322.3	10867.9	11326.0
27.5°	2625.0	4043.8	5651.0	7132.9	8329.4	9347.3	10168.8	10905.7	11574.9	12149.5	12691.0
25°	3604.3	5360.7	6981.8	8330.5	9447.2	10402.1	11268.6	12074.6	12823.8	13496.2	14126.2
22.5°	4780.4	6532.0	8081.3	9329.7	10411.7	11392.7	12313.0	13210.0	14082.2	14902.8	15665.0
20°	5845.2	7564.4	8915.4	10162.0	11286.2	12308.5	13322.7	14368.3	15374.8	16363.2	17280.9
17.5°	6675.0	8274.3	9630.6	10894.3	12038.5	13196.3	14357.1	15557.9	16771.9	17919.7	19017.6
15°	7367.9	8866.5	10241.1	11504.6	12762.7	14040.0	15336.8	16751.4	18195.6	19569.5	20968.9
12.5°	7859.0	9360.7	10754.3	12022.0	13432.6	14819.2	16328.7	17941.0	19608.8	21209.1	22928.1
10°	8253.9	9755.0	11136.8	12503.9	13996.6	15534.1	17227.2	19002.9	20993.1	22888.1	24740.1
7.5°	8592.8	10083.9	11444.2	12896.7	14465.9	16155.8	17997.1	20004.8	22158.5	24267.2	26471.7
5°	8840.6	10308.2	11683.0	13218.7	14826.7	16610.0	18591.0	20736.3	23046.0	25356.5	27536.6
2.5°	8971.8	10436.0	11831.5	13418.5	15038.2	16885.1	18948.4	21222.2	23661.9	26182.9	28332.5
0°	8968.8	10489.7	11888.5	13553.3	15193.8	16968.5	19102.1	21533.5	23913.6	26533.0	28739.8
-2.5°	8971.8	10436.0	11831.5	13418.5	15038.2	16885.1	18948.4	21222.2	23661.9	26182.9	28332.5
-5°	8840.6	10308.2	11683.0	13218.7	14826.7	16610.0	18591.0	20736.3	23046.0	25356.5	27536.6
-7.5°	8592.8	10083.9	11444.2	12896.7	14465.9	16155.8	17997.1	20004.8	22158.5	24267.2	26471.7
-10°	8253.9	9755.0	11136.8	12503.9	13996.6	15534.1	17227.2	19002.9	20993.1	22888.1	24740.1
-12.5°	7859.0	9360.7	10754.3	12022.0	13432.6	14819.2	16328.7	17941.0	19608.8	21209.1	22928.1
-15°	7367.9	8866.5	10241.1	11504.6	12762.7	14040.0	15336.8	16751.4	18195.6	19569.5	20968.9
-17.5°	6675.0	8274.3	9630.6	10894.3	12038.5	13196.3	14357.1	15557.9	16771.9	17919.7	19017.6
-20°	5845.2	7564.4	8915.4	10162.0	11286.2	12308.5	13322.7	14368.3	15374.8	16363.2	17280.9



REPORT NUMBER: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4780.4	6532.0	8081.3	9329.7	10411.7	11392.7	12313.0	13210.0	14082.2	14902.8	15665.0
-25°	3604.3	5360.7	6981.8	8330.5	9447.2	10402.1	11268.6	12074.6	12823.8	13496.2	14126.2
-27.5°	2625.0	4043.8	5651.0	7132.9	8329.4	9347.3	10168.8	10905.7	11574.9	12149.5	12691.0
-30°	1730.0	2832.6	4200.1	5652.9	6968.4	8055.7	8971.4	9715.3	10322.3	10867.9	11326.0
-32.5°	1353.4	1833.1	2840.0	4053.2	5373.8	6512.5	7503.6	8284.1	8964.1	9500.3	9917.8
-35°	1096.2	1358.4	1739.5	2621.6	3581.8	4760.4	5778.0	6593.0	7338.5	7936.8	8387.2
-37.5°	1008.9	1093.7	1297.8	1539.8	2189.7	2908.6	3791.5	4658.1	5412.7	6058.5	6597.6
-40°	943.0	999.3	1068.9	1176.1	1378.8	1587.1	2210.1	2765.2	3311.2	3932.2	4464.3
-42.5°	886.5	930.0	968.8	1023.9	1083.8	1187.6	1347.9	1496.4	1783.7	2153.7	2462.7
-45°	832.4	868.3	902.8	935.9	964.2	1009.2	1052.0	1088.4	1185.9	1267.7	1330.2
-47.5°	774.8	808.6	840.4	869.8	895.2	918.2	938.1	957.4	985.6	1008.1	1030.3
-50°	715.0	745.2	774.9	801.0	818.5	839.0	862.2	873.6	881.0	889.2	906.5
-52.5°	652.1	677.5	704.1	724.1	737.3	749.6	761.0	773.7	782.4	786.6	802.0
-55°	584.2	605.6	627.3	644.3	656.8	665.0	674.3	688.7	697.2	700.5	716.3
-57.5°	516.7	533.2	549.1	568.1	581.3	589.1	601.3	616.3	627.8	636.9	650.5
-60°	451.5	466.7	482.3	498.4	512.3	523.8	536.4	549.0	560.3	570.8	580.9
-62.5°	387.8	406.1	415.9	427.6	442.6	456.6	462.0	469.3	477.8	488.3	500.2
-65°	313.5	328.5	342.2	349.2	350.3	357.8	370.2	378.2	382.1	385.3	389.3
-67.5°	260.1	266.4	275.7	283.0	290.4	295.7	301.1	305.5	308.7	312.3	316.4
-70°	217.5	224.6	232.3	239.9	247.0	251.8	255.0	257.5	259.4	258.1	257.1
-72.5°	181.4	190.5	196.9	203.1	208.8	212.6	214.7	216.4	217.5	203.9	184.8
-75°	148.7	157.9	163.3	168.3	172.9	175.5	177.0	177.9	178.3	162.8	142.8
-77.5°	119.9	126.1	129.2	132.3	135.5	136.6	137.4	138.3	139.1	126.2	109.8
-80°	83.0	86.9	89.2	91.3	93.2	93.2	92.0	89.7	86.7	79.3	71.1
-82.5°	49.2	49.9	49.9	49.7	49.5	51.6	53.7	55.5	57.0	52.7	47.6
-85°	21.9	21.3	20.1	18.6	16.8	17.8	18.8	19.8	20.8	19.4	17.9
-87.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.2	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: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-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°	3.0	2.4	2.4	2.4	2.4	2.4	3.0	3.6	4.2	4.7	4.7
85°	16.2	14.5	14.6	14.6	14.6	14.5	16.2	17.9	19.4	20.8	19.8
82.5°	42.2	36.5	36.5	36.6	36.5	36.5	42.2	47.6	52.7	57.0	55.5
80°	62.6	53.7	54.8	56.1	54.8	53.7	62.6	71.1	79.3	86.7	89.7
77.5°	92.2	73.7	73.1	73.2	73.1	73.7	92.2	109.8	126.2	139.1	138.3
75°	122.1	101.0	99.9	100.1	99.9	101.0	122.1	142.8	162.8	178.3	177.9
72.5°	165.1	144.8	135.6	126.9	135.6	144.8	165.1	184.8	203.9	217.5	216.4
70°	257.3	257.9	248.9	236.8	248.9	257.9	257.3	257.1	258.1	259.4	257.5
67.5°	319.8	322.4	326.3	329.6	326.3	322.4	319.8	316.4	312.3	308.7	305.5
65°	391.1	390.9	392.3	393.0	392.3	390.9	391.1	389.3	385.3	382.1	378.2
62.5°	510.5	518.7	524.4	527.3	524.4	518.7	510.5	500.2	488.3	477.8	469.3
60°	589.4	596.1	605.7	615.2	605.7	596.1	589.4	580.9	570.8	560.3	549.0
57.5°	663.2	674.7	684.0	690.8	684.0	674.7	663.2	650.5	636.9	627.8	616.3
55°	731.4	744.7	757.4	769.0	757.4	744.7	731.4	716.3	700.5	697.2	688.7
52.5°	817.0	827.9	846.1	869.1	846.1	827.9	817.0	802.0	786.6	782.4	773.7
50°	926.4	942.9	965.9	993.6	965.9	942.9	926.4	906.5	889.2	881.0	873.6
47.5°	1052.8	1069.4	1091.5	1120.5	1091.5	1069.4	1052.8	1030.3	1008.1	985.6	957.4
45°	1387.3	1426.3	1462.0	1501.3	1462.0	1426.3	1387.3	1330.2	1267.7	1185.9	1088.4
42.5°	2710.3	2881.6	2955.5	2912.3	2955.5	2881.6	2710.3	2462.7	2153.7	1783.7	1496.4
40°	4870.0	5154.6	5322.1	5380.3	5322.1	5154.6	4870.0	4464.3	3932.2	3311.2	2765.2
37.5°	6991.3	7253.3	7394.6	7411.4	7394.6	7253.3	6991.3	6597.6	6058.5	5412.7	4658.1
35°	8712.3	8928.1	9055.9	9151.9	9055.9	8928.1	8712.3	8387.2	7936.8	7338.5	6593.0
32.5°	10257.7	10503.6	10645.7	10614.2	10645.7	10503.6	10257.7	9917.8	9500.3	8964.1	8284.1
30°	11701.4	11970.4	12137.4	12142.3	12137.4	11970.4	11701.4	11326.0	10867.9	10322.3	9715.3
27.5°	13128.8	13430.7	13604.9	13741.3	13604.9	13430.7	13128.8	12691.0	12149.5	11574.9	10905.7
25°	14651.5	15027.9	15251.4	15386.7	15251.4	15027.9	14651.5	14126.2	13496.2	12823.8	12074.6
22.5°	16293.3	16759.6	17065.8	17193.1	17065.8	16759.6	16293.3	15665.0	14902.8	14082.2	13210.0
20°	18079.2	18656.9	19048.0	19036.2	19048.0	18656.9	18079.2	17280.9	16363.2	15374.8	14368.3
17.5°	20071.9	20817.1	21321.4	21394.4	21321.4	20817.1	20071.9	19017.6	17919.7	16771.9	15557.9
15°	22208.2	23169.0	23821.3	24023.5	23821.3	23169.0	22208.2	20968.9	19569.5	18195.6	16751.4
12.5°	24397.5	25540.2	26409.8	26699.0	26409.8	25540.2	24397.5	22928.1	21209.1	19608.8	17941.0
10°	26483.4	27749.1	28693.1	29110.9	28693.1	27749.1	26483.4	24740.1	22888.1	20993.1	19002.9
7.5°	28227.1	29513.2	30485.5	30829.4	30485.5	29513.2	28227.1	26471.7	24267.2	22158.5	20004.8
5°	29375.9	30781.0	31537.0	31962.1	31537.0	30781.0	29375.9	27536.6	25356.5	23046.0	20736.3
2.5°	30143.5	31335.0	32100.6	32491.9	32100.6	31335.0	30143.5	28332.5	26182.9	23661.9	21222.2
0°	30551.2	31764.4	32325.9	32516.3	32325.9	31764.4	30551.2	28739.8	26533.0	23913.6	21533.5
-2.5°	30143.5	31335.0	32100.6	32491.9	32100.6	31335.0	30143.5	28332.5	26182.9	23661.9	21222.2
-5°	29375.9	30781.0	31537.0	31962.1	31537.0	30781.0	29375.9	27536.6	25356.5	23046.0	20736.3
-7.5°	28227.1	29513.2	30485.5	30829.4	30485.5	29513.2	28227.1	26471.7	24267.2	22158.5	20004.8
-10°	26483.4	27749.1	28693.1	29110.9	28693.1	27749.1	26483.4	24740.1	22888.1	20993.1	19002.9
-12.5°	24397.5	25540.2	26409.8	26699.0	26409.8	25540.2	24397.5	22928.1	21209.1	19608.8	17941.0
-15°	22208.2	23169.0	23821.3	24023.5	23821.3	23169.0	22208.2	20968.9	19569.5	18195.6	16751.4
-17.5°	20071.9	20817.1	21321.4	21394.4	21321.4	20817.1	20071.9	19017.6	17919.7	16771.9	15557.9
-20°	18079.2	18656.9	19048.0	19036.2	19048.0	18656.9	18079.2	17280.9	16363.2	15374.8	14368.3



REPORT NUMBER: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-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°	16293.3	16759.6	17065.8	17193.1	17065.8	16759.6	16293.3	15665.0	14902.8	14082.2	13210.0
-25°	14651.5	15027.9	15251.4	15386.7	15251.4	15027.9	14651.5	14126.2	13496.2	12823.8	12074.6
-27.5°	13128.8	13430.7	13604.9	13741.3	13604.9	13430.7	13128.8	12691.0	12149.5	11574.9	10905.7
-30°	11701.4	11970.4	12137.4	12142.3	12137.4	11970.4	11701.4	11326.0	10867.9	10322.3	9715.3
-32.5°	10257.7	10503.6	10645.7	10614.2	10645.7	10503.6	10257.7	9917.8	9500.3	8964.1	8284.1
-35°	8712.3	8928.1	9055.9	9151.9	9055.9	8928.1	8712.3	8387.2	7936.8	7338.5	6593.0
-37.5°	6991.3	7253.3	7394.6	7411.4	7394.6	7253.3	6991.3	6597.6	6058.5	5412.7	4658.1
-40°	4870.0	5154.6	5322.1	5380.3	5322.1	5154.6	4870.0	4464.3	3932.2	3311.2	2765.2
-42.5°	2710.3	2881.6	2955.5	2912.3	2955.5	2881.6	2710.3	2462.7	2153.7	1783.7	1496.4
-45°	1387.3	1426.3	1462.0	1501.3	1462.0	1426.3	1387.3	1330.2	1267.7	1185.9	1088.4
-47.5°	1052.8	1069.4	1091.5	1120.5	1091.5	1069.4	1052.8	1030.3	1008.1	985.6	957.4
-50°	926.4	942.9	965.9	993.6	965.9	942.9	926.4	906.5	889.2	881.0	873.6
-52.5°	817.0	827.9	846.1	869.1	846.1	827.9	817.0	802.0	786.6	782.4	773.7
-55°	731.4	744.7	757.4	769.0	757.4	744.7	731.4	716.3	700.5	697.2	688.7
-57.5°	663.2	674.7	684.0	690.8	684.0	674.7	663.2	650.5	636.9	627.8	616.3
-60°	589.4	596.1	605.7	615.2	605.7	596.1	589.4	580.9	570.8	560.3	549.0
-62.5°	510.5	518.7	524.4	527.3	524.4	518.7	510.5	500.2	488.3	477.8	469.3
-65°	391.1	390.9	392.3	393.0	392.3	390.9	391.1	389.3	385.3	382.1	378.2
-67.5°	319.8	322.4	326.3	329.6	326.3	322.4	319.8	316.4	312.3	308.7	305.5
-70°	257.3	257.9	248.9	236.8	248.9	257.9	257.3	257.1	258.1	259.4	257.5
-72.5°	165.1	144.8	135.6	126.9	135.6	144.8	165.1	184.8	203.9	217.5	216.4
-75°	122.1	101.0	99.9	100.1	99.9	101.0	122.1	142.8	162.8	178.3	177.9
-77.5°	92.2	73.7	73.1	73.2	73.1	73.7	92.2	109.8	126.2	139.1	138.3
-80°	62.6	53.7	54.8	56.1	54.8	53.7	62.6	71.1	79.3	86.7	89.7
-82.5°	42.2	36.5	36.5	36.6	36.5	36.5	42.2	47.6	52.7	57.0	55.5
-85°	16.2	14.5	14.6	14.6	14.6	14.5	16.2	17.9	19.4	20.8	19.8
-87.5°	3.0	2.4	2.4	2.4	2.4	2.4	3.0	3.6	4.2	4.7	4.7
-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: P559181 (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°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
85°	18.8	17.8	16.8	18.6	20.1	21.3	21.9	19.5	17.2	15.0	13.1
82.5°	53.7	51.6	49.5	49.7	49.9	49.9	49.2	43.2	37.5	32.2	28.0
80°	92.0	93.2	93.2	91.3	89.2	86.9	83.0	72.1	62.3	53.6	47.7
77.5°	137.4	136.6	135.5	132.3	129.2	126.1	119.9	103.9	88.3	74.2	66.7
75°	177.0	175.5	172.9	168.3	163.3	157.9	148.7	132.7	116.0	98.6	89.5
72.5°	214.7	212.6	208.8	203.1	196.9	190.5	181.4	167.5	150.3	129.7	119.5
70°	255.0	251.8	247.0	239.9	232.3	224.6	217.5	207.5	193.4	175.8	165.6
67.5°	301.1	295.7	290.4	283.0	275.7	266.4	260.1	251.7	241.0	226.0	214.6
65°	370.2	357.8	350.3	349.2	342.2	328.5	313.5	303.8	293.6	279.5	263.9
62.5°	462.0	456.6	442.6	427.6	415.9	406.1	387.8	367.5	350.0	334.0	315.4
60°	536.4	523.8	512.3	498.4	482.3	466.7	451.5	431.7	407.1	387.1	366.7
57.5°	601.3	589.1	581.3	568.1	549.1	533.2	516.7	496.6	472.5	443.5	417.9
55°	674.3	665.0	656.8	644.3	627.3	605.6	584.2	562.8	535.7	500.9	469.3
52.5°	761.0	749.6	737.3	724.1	704.1	677.5	652.1	626.8	595.4	557.7	519.3
50°	862.2	839.0	818.5	801.0	774.9	745.2	715.0	686.4	649.3	610.5	570.5
47.5°	938.1	918.2	895.2	869.8	840.4	808.6	774.8	738.8	699.9	659.5	617.6
45°	1052.0	1009.2	964.2	935.9	902.8	868.3	832.4	791.3	748.9	705.9	661.7
42.5°	1347.9	1187.6	1083.8	1023.9	968.8	930.0	886.5	842.2	796.9	750.9	704.2
40°	2210.1	1587.1	1378.8	1176.1	1068.9	999.3	943.0	891.1	843.1	794.4	745.1
37.5°	3791.5	2908.6	2189.7	1539.8	1297.8	1093.7	1008.9	942.0	887.3	836.5	784.6
35°	5778.0	4760.4	3581.8	2621.6	1739.5	1358.4	1096.2	1002.1	932.4	877.2	822.6
32.5°	7503.6	6512.5	5373.8	4053.2	2840.0	1833.1	1353.4	1082.3	982.0	917.6	859.4
30°	8971.4	8055.7	6968.4	5652.9	4200.1	2832.6	1730.0	1287.7	1056.1	955.9	894.7
27.5°	10168.8	9347.3	8329.4	7132.9	5651.0	4043.8	2625.0	1543.3	1167.5	1013.5	928.1
25°	11268.6	10402.1	9447.2	8330.5	6981.8	5360.7	3604.3	2216.3	1386.2	1075.1	959.3
22.5°	12313.0	11392.7	10411.7	9329.7	8081.3	6532.0	4780.4	2965.2	1607.1	1186.5	1007.5
20°	13322.7	12308.5	11286.2	10162.0	8915.4	7564.4	5845.2	3862.6	2237.4	1355.8	1053.4
17.5°	14357.1	13196.3	12038.5	10894.3	9630.6	8274.3	6675.0	4765.0	2785.3	1508.1	1093.1
15°	15336.8	14040.0	12762.7	11504.6	10241.1	8866.5	7367.9	5568.8	3329.2	1816.3	1205.7
12.5°	16328.7	14819.2	13432.6	12022.0	10754.3	9360.7	7859.0	6117.4	3967.3	2193.7	1317.7
10°	17227.2	15534.1	13996.6	12503.9	11136.8	9755.0	8253.9	6558.3	4492.1	2504.1	1409.6
7.5°	17997.1	16155.8	14465.9	12896.7	11444.2	10083.9	8592.8	6910.1	4887.3	2743.8	1481.3
5°	18591.0	16610.0	14826.7	13218.7	11683.0	10308.2	8840.6	7166.3	5153.7	2912.2	1532.9
2.5°	18948.4	16885.1	15038.2	13418.5	11831.5	10436.0	8971.8	7330.1	5323.3	3020.8	1571.0
0°	19102.1	16968.5	15193.8	13553.3	11888.5	10489.7	8968.8	7391.8	5385.2	3061.2	1589.2
-2.5°	18948.4	16885.1	15038.2	13418.5	11831.5	10436.0	8971.8	7330.1	5323.3	3020.8	1571.0
-5°	18591.0	16610.0	14826.7	13218.7	11683.0	10308.2	8840.6	7166.3	5153.7	2912.2	1532.9
-7.5°	17997.1	16155.8	14465.9	12896.7	11444.2	10083.9	8592.8	6910.1	4887.3	2743.8	1481.3
-10°	17227.2	15534.1	13996.6	12503.9	11136.8	9755.0	8253.9	6558.3	4492.1	2504.1	1409.6
-12.5°	16328.7	14819.2	13432.6	12022.0	10754.3	9360.7	7859.0	6117.4	3967.3	2193.7	1317.7
-15°	15336.8	14040.0	12762.7	11504.6	10241.1	8866.5	7367.9	5568.8	3329.2	1816.3	1205.7
-17.5°	14357.1	13196.3	12038.5	10894.3	9630.6	8274.3	6675.0	4765.0	2785.3	1508.1	1093.1
-20°	13322.7	12308.5	11286.2	10162.0	8915.4	7564.4	5845.2	3862.6	2237.4	1355.8	1053.4



REPORT NUMBER: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12313.0	11392.7	10411.7	9329.7	8081.3	6532.0	4780.4	2965.2	1607.1	1186.5	1007.5
-25°	11268.6	10402.1	9447.2	8330.5	6981.8	5360.7	3604.3	2216.3	1386.2	1075.1	959.3
-27.5°	10168.8	9347.3	8329.4	7132.9	5651.0	4043.8	2625.0	1543.3	1167.5	1013.5	928.1
-30°	8971.4	8055.7	6968.4	5652.9	4200.1	2832.6	1730.0	1287.7	1056.1	955.9	894.7
-32.5°	7503.6	6512.5	5373.8	4053.2	2840.0	1833.1	1353.4	1082.3	982.0	917.6	859.4
-35°	5778.0	4760.4	3581.8	2621.6	1739.5	1358.4	1096.2	1002.1	932.4	877.2	822.6
-37.5°	3791.5	2908.6	2189.7	1539.8	1297.8	1093.7	1008.9	942.0	887.3	836.5	784.6
-40°	2210.1	1587.1	1378.8	1176.1	1068.9	999.3	943.0	891.1	843.1	794.4	745.1
-42.5°	1347.9	1187.6	1083.8	1023.9	968.8	930.0	886.5	842.2	796.9	750.9	704.2
-45°	1052.0	1009.2	964.2	935.9	902.8	868.3	832.4	791.3	748.9	705.9	661.7
-47.5°	938.1	918.2	895.2	869.8	840.4	808.6	774.8	738.8	699.9	659.5	617.6
-50°	862.2	839.0	818.5	801.0	774.9	745.2	715.0	686.4	649.3	610.5	570.5
-52.5°	761.0	749.6	737.3	724.1	704.1	677.5	652.1	626.8	595.4	557.7	519.3
-55°	674.3	665.0	656.8	644.3	627.3	605.6	584.2	562.8	535.7	500.9	469.3
-57.5°	601.3	589.1	581.3	568.1	549.1	533.2	516.7	496.6	472.5	443.5	417.9
-60°	536.4	523.8	512.3	498.4	482.3	466.7	451.5	431.7	407.1	387.1	366.7
-62.5°	462.0	456.6	442.6	427.6	415.9	406.1	387.8	367.5	350.0	334.0	315.4
-65°	370.2	357.8	350.3	349.2	342.2	328.5	313.5	303.8	293.6	279.5	263.9
-67.5°	301.1	295.7	290.4	283.0	275.7	266.4	260.1	251.7	241.0	226.0	214.6
-70°	255.0	251.8	247.0	239.9	232.3	224.6	217.5	207.5	193.4	175.8	165.6
-72.5°	214.7	212.6	208.8	203.1	196.9	190.5	181.4	167.5	150.3	129.7	119.5
-75°	177.0	175.5	172.9	168.3	163.3	157.9	148.7	132.7	116.0	98.6	89.5
-77.5°	137.4	136.6	135.5	132.3	129.2	126.1	119.9	103.9	88.3	74.2	66.7
-80°	92.0	93.2	93.2	91.3	89.2	86.9	83.0	72.1	62.3	53.6	47.7
-82.5°	53.7	51.6	49.5	49.7	49.9	49.9	49.2	43.2	37.5	32.2	28.0
-85°	18.8	17.8	16.8	18.6	20.1	21.3	21.9	19.5	17.2	15.0	13.1
-87.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559181 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-935-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°	4.1	4.7	5.2	5.6	5.9	6.1	6.2	6.2	5.8	5.4	5.0
85°	13.9	14.4	14.5	14.1	13.2	12.2	12.4	12.3	11.7	10.8	9.9
82.5°	29.2	30.3	31.0	30.9	28.9	26.9	24.7	22.5	20.0	16.7	14.9
80°	50.4	52.0	52.5	51.2	46.3	41.5	38.2	35.0	32.5	28.9	24.2
77.5°	71.7	75.0	76.4	74.7	68.0	61.3	54.6	48.6	45.0	41.0	35.8
75°	93.8	98.8	101.7	99.9	91.6	81.0	72.5	65.5	60.4	53.6	47.4
72.5°	121.8	124.2	126.8	126.3	118.9	108.4	94.8	82.5	76.8	69.2	59.7
70°	159.1	152.1	150.5	149.5	145.0	136.8	123.1	106.9	93.5	84.9	74.3
67.5°	204.8	195.2	185.3	174.8	169.5	162.1	151.1	132.2	114.5	100.7	88.8
65°	250.0	237.1	225.0	209.7	197.1	187.4	176.2	156.0	134.7	117.2	103.4
62.5°	296.2	277.3	261.1	243.2	226.5	212.9	200.9	178.0	154.2	132.9	116.5
60°	344.4	321.8	297.1	275.7	255.5	237.3	221.2	199.7	173.9	147.9	128.5
57.5°	393.5	366.9	336.8	308.8	284.6	262.3	240.5	218.6	193.3	164.6	139.1
55°	441.8	412.7	376.5	343.0	313.8	288.2	260.8	236.0	211.5	181.5	146.9
52.5°	485.0	454.5	418.4	378.1	343.1	313.0	282.8	253.1	227.0	198.1	157.4
50°	529.1	491.3	456.8	416.8	372.3	337.4	304.0	272.1	242.2	213.5	167.2
47.5°	574.9	530.8	490.5	452.9	407.5	361.1	325.4	290.6	257.0	226.7	175.9
45°	617.1	571.5	525.1	483.3	440.2	388.7	346.4	308.5	272.9	233.4	183.2
42.5°	657.0	609.3	560.9	512.9	467.7	415.9	366.7	326.6	288.2	238.7	188.5
40°	695.3	645.1	594.6	544.5	495.1	440.6	388.8	344.2	301.8	243.2	191.9
37.5°	731.7	679.1	626.3	574.7	523.0	466.2	409.2	361.1	308.4	248.2	194.3
35°	767.0	711.3	657.7	603.7	549.5	492.1	427.4	377.3	318.3	252.4	195.7
32.5°	800.6	742.7	687.5	631.6	574.5	518.2	447.9	392.0	330.3	255.8	196.1
30°	833.3	773.5	715.5	658.2	598.2	540.1	471.0	406.5	344.2	258.4	196.1
27.5°	864.5	801.9	741.7	682.7	621.2	560.1	493.4	420.7	360.0	263.4	197.4
25°	893.2	828.4	766.0	705.1	642.8	579.4	514.2	434.7	373.1	274.0	197.9
22.5°	919.8	852.5	788.0	725.5	663.9	597.9	531.8	451.9	383.9	285.1	197.6
20°	943.9	873.9	808.5	747.1	683.1	615.6	546.8	467.5	394.0	296.3	196.6
17.5°	968.1	896.2	832.2	767.6	700.7	631.7	560.7	481.4	403.4	307.4	194.7
15°	1006.2	920.4	853.7	786.9	717.1	646.1	573.5	493.6	411.9	318.1	194.1
12.5°	1040.5	942.0	873.0	804.7	732.1	658.7	585.0	504.1	419.4	325.5	194.9
10°	1069.5	960.9	890.0	820.9	745.5	669.6	595.0	513.1	425.7	328.5	194.5
7.5°	1093.1	977.2	904.8	835.3	757.8	680.0	604.4	520.6	431.9	328.8	192.9
5°	1113.4	994.9	923.2	851.0	772.5	690.3	612.2	526.3	437.4	326.5	190.4
2.5°	1136.6	1016.3	943.6	864.9	785.3	698.9	618.3	530.2	441.7	321.8	187.1
0°	1154.7	1035.1	961.8	876.4	795.8	705.5	622.5	532.2	444.3	314.9	183.1
-2.5°	1136.6	1016.3	943.6	864.9	785.3	698.9	618.3	530.2	441.7	321.8	187.1
-5°	1113.4	994.9	923.2	851.0	772.5	690.3	612.2	526.3	437.4	326.5	190.4
-7.5°	1093.1	977.2	904.8	835.3	757.8	680.0	604.4	520.6	431.9	328.8	192.9
-10°	1069.5	960.9	890.0	820.9	745.5	669.6	595.0	513.1	425.7	328.5	194.5
-12.5°	1040.5	942.0	873.0	804.7	732.1	658.7	585.0	504.1	419.4	325.5	194.9
-15°	1006.2	920.4	853.7	786.9	717.1	646.1	573.5	493.6	411.9	318.1	194.1
-17.5°	968.1	896.2	832.2	767.6	700.7	631.7	560.7	481.4	403.4	307.4	194.7
-20°	943.9	873.9	808.5	747.1	683.1	615.6	546.8	467.5	394.0	296.3	196.6



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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°	919.8	852.5	788.0	725.5	663.9	597.9	531.8	451.9	383.9	285.1	197.6
-25°	893.2	828.4	766.0	705.1	642.8	579.4	514.2	434.7	373.1	274.0	197.9
-27.5°	864.5	801.9	741.7	682.7	621.2	560.1	493.4	420.7	360.0	263.4	197.4
-30°	833.3	773.5	715.5	658.2	598.2	540.1	471.0	406.5	344.2	258.4	196.1
-32.5°	800.6	742.7	687.5	631.6	574.5	518.2	447.9	392.0	330.3	255.8	196.1
-35°	767.0	711.3	657.7	603.7	549.5	492.1	427.4	377.3	318.3	252.4	195.7
-37.5°	731.7	679.1	626.3	574.7	523.0	466.2	409.2	361.1	308.4	248.2	194.3
-40°	695.3	645.1	594.6	544.5	495.1	440.6	388.8	344.2	301.8	243.2	191.9
-42.5°	657.0	609.3	560.9	512.9	467.7	415.9	366.7	326.6	288.2	238.7	188.5
-45°	617.1	571.5	525.1	483.3	440.2	388.7	346.4	308.5	272.9	233.4	183.2
-47.5°	574.9	530.8	490.5	452.9	407.5	361.1	325.4	290.6	257.0	226.7	175.9
-50°	529.1	491.3	456.8	416.8	372.3	337.4	304.0	272.1	242.2	213.5	167.2
-52.5°	485.0	454.5	418.4	378.1	343.1	313.0	282.8	253.1	227.0	198.1	157.4
-55°	441.8	412.7	376.5	343.0	313.8	288.2	260.8	236.0	211.5	181.5	146.9
-57.5°	393.5	366.9	336.8	308.8	284.6	262.3	240.5	218.6	193.3	164.6	139.1
-60°	344.4	321.8	297.1	275.7	255.5	237.3	221.2	199.7	173.9	147.9	128.5
-62.5°	296.2	277.3	261.1	243.2	226.5	212.9	200.9	178.0	154.2	132.9	116.5
-65°	250.0	237.1	225.0	209.7	197.1	187.4	176.2	156.0	134.7	117.2	103.4
-67.5°	204.8	195.2	185.3	174.8	169.5	162.1	151.1	132.2	114.5	100.7	88.8
-70°	159.1	152.1	150.5	149.5	145.0	136.8	123.1	106.9	93.5	84.9	74.3
-72.5°	121.8	124.2	126.8	126.3	118.9	108.4	94.8	82.5	76.8	69.2	59.7
-75°	93.8	98.8	101.7	99.9	91.6	81.0	72.5	65.5	60.4	53.6	47.4
-77.5°	71.7	75.0	76.4	74.7	68.0	61.3	54.6	48.6	45.0	41.0	35.8
-80°	50.4	52.0	52.5	51.2	46.3	41.5	38.2	35.0	32.5	28.9	24.2
-82.5°	29.2	30.3	31.0	30.9	28.9	26.9	24.7	22.5	20.0	16.7	14.9
-85°	13.9	14.4	14.5	14.1	13.2	12.2	12.4	12.3	11.7	10.8	9.9
-87.5°	4.1	4.7	5.2	5.6	5.9	6.1	6.2	6.2	5.8	5.4	5.0
-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°	4.4	3.4	2.5	1.8	1.1	0.5	0.0
85°	8.8	6.9	5.1	3.5	2.1	1.1	0.0
82.5°	13.2	10.2	7.6	5.2	3.2	1.6	0.0
80°	18.2	13.6	10.1	6.9	4.2	2.1	0.0
77.5°	28.6	18.6	12.5	8.6	5.3	2.6	0.0
75°	38.8	26.5	15.5	10.3	6.3	3.2	0.0
72.5°	48.7	34.2	21.3	11.9	7.3	3.7	0.0
70°	58.7	41.7	26.9	14.0	8.3	4.2	0.0
67.5°	70.3	49.0	32.4	17.7	9.3	4.7	0.0
65°	81.4	56.9	37.6	21.4	10.3	5.2	0.0
62.5°	92.0	65.1	42.7	25.0	11.3	5.6	0.0
60°	102.0	73.0	47.5	28.4	12.2	6.1	0.0
57.5°	108.9	80.4	53.1	31.7	14.3	6.6	0.0
55°	114.7	87.4	58.4	34.8	16.4	7.0	0.0
52.5°	119.7	93.4	63.3	37.8	18.4	7.4	0.0
50°	123.8	96.4	68.0	40.5	20.4	7.8	0.0
47.5°	127.5	98.8	72.2	43.3	22.2	8.2	0.0
45°	133.7	100.6	76.1	46.2	24.0	8.6	0.0
42.5°	138.9	101.8	79.7	48.8	25.7	9.0	0.0
40°	143.2	102.4	81.5	51.6	27.3	9.3	0.0
37.5°	146.5	102.3	81.8	54.5	28.8	9.7	0.0
35°	148.9	103.6	81.6	57.3	30.2	10.0	0.0
32.5°	150.0	105.2	81.2	60.1	31.5	10.3	0.0
30°	149.9	106.2	80.3	62.7	32.8	10.6	0.0
27.5°	149.0	106.5	81.2	65.3	33.9	10.8	0.0
25°	147.4	106.1	82.1	67.7	34.9	11.1	0.0
22.5°	145.1	106.4	82.9	70.0	35.8	11.3	0.0
20°	142.0	109.1	83.6	72.2	36.6	11.5	0.0
17.5°	142.2	111.6	84.1	74.2	37.3	11.6	0.0
15°	144.3	113.7	84.5	76.0	37.8	11.8	0.0
12.5°	146.1	115.5	84.9	77.7	38.3	11.9	0.0
10°	147.4	117.0	85.1	79.2	38.7	12.0	0.0
7.5°	148.3	118.1	85.3	80.5	38.9	12.1	0.0
5°	148.9	118.9	85.3	81.6	39.1	12.2	0.0
2.5°	149.1	119.4	85.4	82.4	39.2	12.2	0.0
0°	148.9	119.6	85.4	83.0	39.1	12.2	0.0
-2.5°	149.1	119.4	85.4	82.4	39.2	12.2	0.0
-5°	148.9	118.9	85.3	81.6	39.1	12.2	0.0
-7.5°	148.3	118.1	85.3	80.5	38.9	12.1	0.0
-10°	147.4	117.0	85.1	79.2	38.7	12.0	0.0
-12.5°	146.1	115.5	84.9	77.7	38.3	11.9	0.0
-15°	144.3	113.7	84.5	76.0	37.8	11.8	0.0
-17.5°	142.2	111.6	84.1	74.2	37.3	11.6	0.0
-20°	142.0	109.1	83.6	72.2	36.6	11.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.1	106.4	82.9	70.0	35.8	11.3	0.0
-25°	147.4	106.1	82.1	67.7	34.9	11.1	0.0
-27.5°	149.0	106.5	81.2	65.3	33.9	10.8	0.0
-30°	149.9	106.2	80.3	62.7	32.8	10.6	0.0
-32.5°	150.0	105.2	81.2	60.1	31.5	10.3	0.0
-35°	148.9	103.6	81.6	57.3	30.2	10.0	0.0
-37.5°	146.5	102.3	81.8	54.5	28.8	9.7	0.0
-40°	143.2	102.4	81.5	51.6	27.3	9.3	0.0
-42.5°	138.9	101.8	79.7	48.8	25.7	9.0	0.0
-45°	133.7	100.6	76.1	46.2	24.0	8.6	0.0
-47.5°	127.5	98.8	72.2	43.3	22.2	8.2	0.0
-50°	123.8	96.4	68.0	40.5	20.4	7.8	0.0
-52.5°	119.7	93.4	63.3	37.8	18.4	7.4	0.0
-55°	114.7	87.4	58.4	34.8	16.4	7.0	0.0
-57.5°	108.9	80.4	53.1	31.7	14.3	6.6	0.0
-60°	102.0	73.0	47.5	28.4	12.2	6.1	0.0
-62.5°	92.0	65.1	42.7	25.0	11.3	5.6	0.0
-65°	81.4	56.9	37.6	21.4	10.3	5.2	0.0
-67.5°	70.3	49.0	32.4	17.7	9.3	4.7	0.0
-70°	58.7	41.7	26.9	14.0	8.3	4.2	0.0
-72.5°	48.7	34.2	21.3	11.9	7.3	3.7	0.0
-75°	38.8	26.5	15.5	10.3	6.3	3.2	0.0
-77.5°	28.6	18.6	12.5	8.6	5.3	2.6	0.0
-80°	18.2	13.6	10.1	6.9	4.2	2.1	0.0
-82.5°	13.2	10.2	7.6	5.2	3.2	1.6	0.0
-85°	8.8	6.9	5.1	3.5	2.1	1.1	0.0
-87.5°	4.4	3.4	2.5	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)