

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: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3D-935-U-WR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

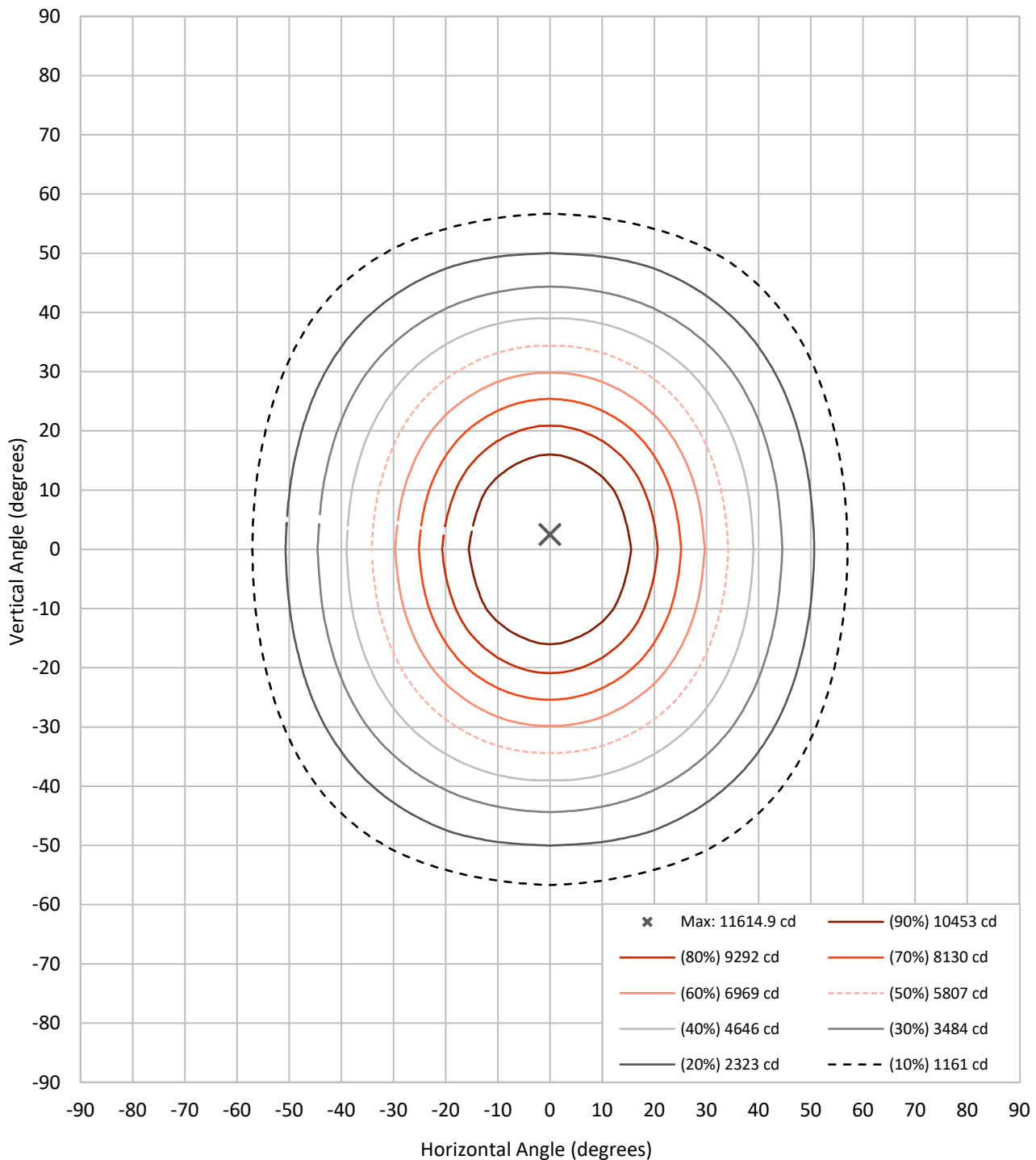
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15719.7 lumens	Max Intensity:	11614.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	9425.1 lumens	Field Lumens:	15016.5 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 158  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





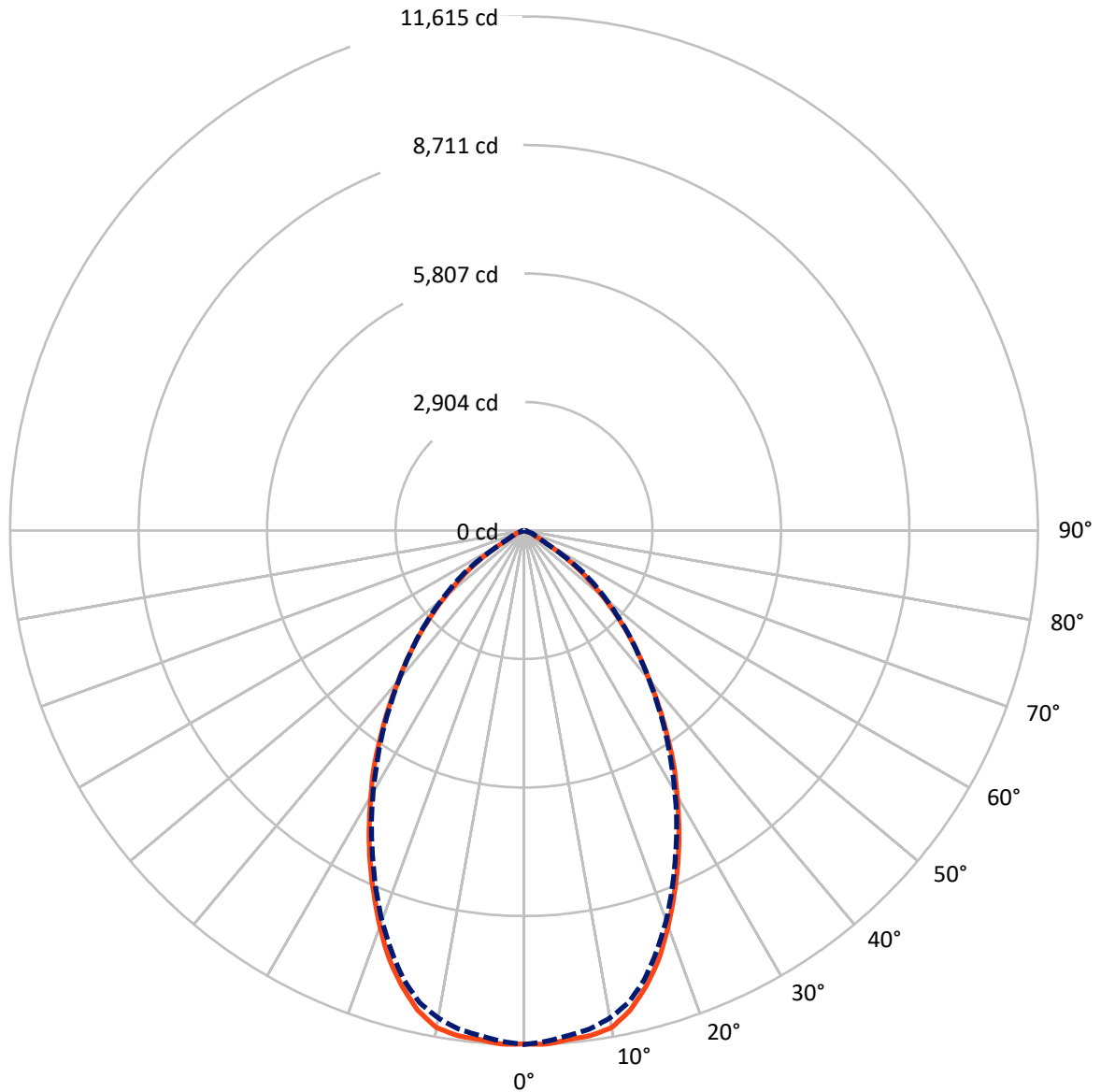
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### Lumen Table

90																			
80	0.1	1.5		3.8		6.6		4.6		6.6		3.8		1.5		0.1			
70																			
60	0.7	1.1	2.1	3.3	4.8	6.3	7.8	8.8	8.8	7.8	6.3	4.8	3.3	2.1	1.1	0.7			
50		1.7	3.5	6.3	12.2	23.6	35.4	42.4	42.4	35.4	23.6	12.2	6.3	3.5	1.7				
40	1.2	2.3	5.2	15.1	39.6	65.9	87.6	99.9	99.9	87.6	65.9	39.6	15.1	5.2	2.3	1.2			
30		2.8	8.9	34.7	71.1	111.1	147.2	168.8	168.8	147.2	111.1	71.1	34.7	8.9	2.8				
20	1.3	3.4	16.1	52.5	100.9	157.9	211.1	244.6	244.6	211.1	157.9	100.9	52.5	16.1	3.4	1.3			
10		4.0	23.0	65.3	124.4	197.4	268.8	314.0	314.0	268.8	197.4	124.4	65.3	23.0	4.0				
0	1.4	4.3	26.8	72.2	137.6	220.5	301.9	345.2	345.2	301.9	220.5	137.6	72.2	26.8	4.3	1.4			
-10		4.3	26.8	72.2	137.6	220.5	301.9	345.2	345.2	301.9	220.5	137.6	72.2	26.8	4.3				
-20	1.3	4.0	23.0	65.3	124.4	197.4	268.8	314.0	314.0	268.8	197.4	124.4	65.3	23.0	4.0	1.3			
-30		3.4	16.1	52.5	100.9	157.9	211.1	244.6	244.6	211.1	157.9	100.9	52.5	16.1	3.4				
-40	1.2	2.8	8.9	34.7	71.1	111.1	147.2	168.8	168.8	147.2	111.1	71.1	34.7	8.9	2.8	1.2			
-50		2.3	5.2	15.1	39.6	65.9	87.6	99.9	99.9	87.6	65.9	39.6	15.1	5.2	2.3				
-60	0.7	1.7	3.5	6.3	12.2	23.6	35.4	42.4	42.4	35.4	23.6	12.2	6.3	3.5	1.7	0.7			
-70		1.1	2.1	3.3	4.8	6.3	7.8	8.8	8.8	7.8	6.3	4.8	3.3	2.1	1.1				
-80																			
-90	0.1	1.5		3.8		6.6		4.6		6.6		3.8		1.5		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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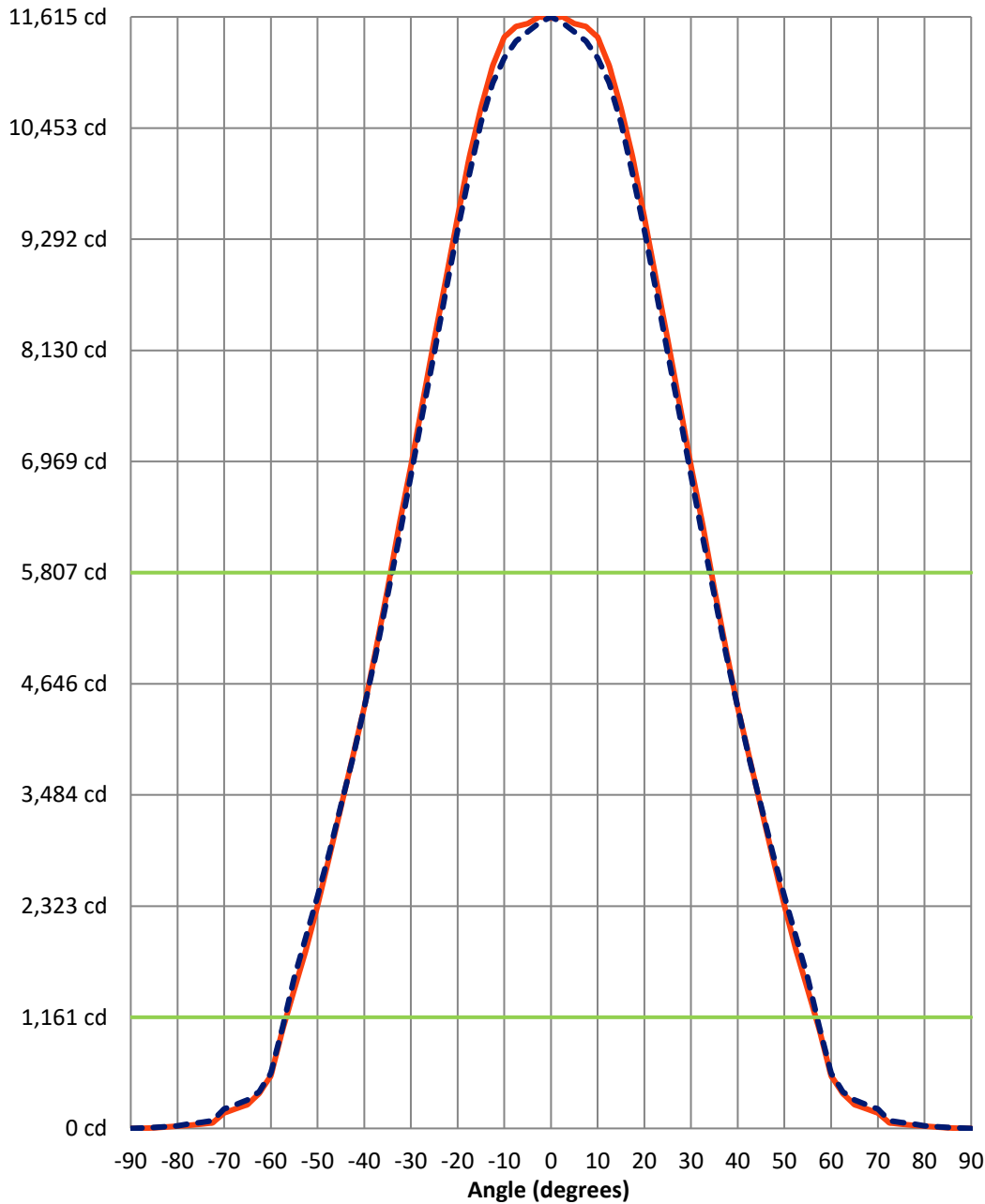
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 68°  
V Angle: 68.7°  
Lumens: 9425.1  
Efficiency: 60.0%

**Field:**  
H Angle: 114°  
V Angle: 113.4°  
Lumens: 15016.5  
Efficiency: 95.5%

**Spill:**  
Lumens: 703.2  
Efficiency: 4.5%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.4
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.2	9.6	12.1	14.6
77.5°	0.0	1.0	1.9	2.9	3.9	5.3	8.2	11.3	14.3	17.5	21.8
75°	0.0	1.2	2.3	3.5	4.8	7.7	11.5	15.3	19.4	25.9	32.3
72.5°	0.0	1.4	2.7	4.0	6.3	10.0	14.6	20.1	27.7	35.2	42.6
70°	0.0	1.5	3.1	4.7	7.9	12.2	18.0	27.3	35.9	44.5	56.7
67.5°	0.0	1.7	3.4	5.6	9.3	14.3	23.5	34.4	44.1	56.9	71.3
65°	0.0	1.9	3.8	6.4	10.7	17.1	28.7	41.4	54.1	68.9	85.2
62.5°	0.0	2.1	4.2	7.3	12.0	20.5	33.4	49.0	63.7	80.6	98.4
60°	0.0	2.2	4.5	8.0	13.2	23.6	37.8	56.5	72.8	93.2	111.7
57.5°	0.0	2.4	4.9	8.8	15.0	26.4	42.2	63.3	83.9	105.8	122.8
55°	0.0	2.6	5.4	9.4	16.7	28.8	46.2	68.6	95.5	117.6	132.9
52.5°	0.0	2.7	5.8	10.0	18.1	31.0	49.5	76.3	107.0	126.9	142.9
50°	0.0	2.9	6.2	10.6	19.4	33.1	52.3	83.6	117.6	136.1	153.5
47.5°	0.0	3.0	6.6	11.1	20.4	34.8	55.0	89.9	125.8	145.2	163.5
45°	0.0	3.2	7.0	11.7	21.3	36.0	59.4	95.2	129.3	153.5	172.9
42.5°	0.0	3.3	7.3	12.1	21.8	36.8	63.1	98.2	131.6	161.2	183.1
40°	0.0	3.4	7.7	12.7	22.2	37.2	66.1	99.4	133.0	167.7	193.3
37.5°	0.0	3.6	8.0	13.3	22.4	37.2	68.3	99.7	134.4	170.5	203.2
35°	0.0	3.7	8.3	13.9	22.3	38.1	69.8	99.1	135.8	176.8	213.0
32.5°	0.0	3.8	8.6	14.4	22.0	39.1	70.1	97.8	137.2	184.7	222.8
30°	0.0	3.9	8.9	14.9	21.5	39.6	68.8	96.4	138.5	194.2	232.0
27.5°	0.0	4.0	9.1	15.4	22.0	39.6	66.9	96.6	141.9	205.0	240.7
25°	0.0	4.1	9.4	15.8	22.7	39.2	64.4	96.7	149.3	213.6	248.9
22.5°	0.0	4.2	9.6	16.2	23.3	39.2	61.5	96.5	157.0	220.2	259.4
20°	0.0	4.2	9.8	16.6	23.9	41.0	58.1	95.9	165.0	226.2	268.7
17.5°	0.0	4.3	9.9	16.9	24.5	42.6	57.5	95.1	173.1	231.5	276.9
15°	0.0	4.3	10.1	17.1	25.0	44.0	58.6	94.6	180.9	236.2	283.8
12.5°	0.0	4.4	10.2	17.4	25.4	45.2	59.7	93.9	187.9	240.2	289.6
10°	0.0	4.4	10.3	17.6	25.9	46.1	60.6	92.0	193.6	243.3	294.0
7.5°	0.0	4.5	10.4	17.7	26.2	46.9	61.3	89.1	198.2	245.8	296.5
5°	0.0	4.5	10.5	17.8	26.5	47.4	62.0	85.3	201.5	247.7	297.8
2.5°	0.0	4.5	10.5	17.9	26.7	47.7	62.4	80.9	203.2	248.9	298.0
0°	0.0	4.5	10.5	17.9	26.9	47.8	62.7	76.1	203.1	249.3	297.1
-2.5°	0.0	4.5	10.5	17.9	26.7	47.7	62.4	80.9	203.2	248.9	298.0
-5°	0.0	4.5	10.5	17.8	26.5	47.4	62.0	85.3	201.5	247.7	297.8
-7.5°	0.0	4.5	10.4	17.7	26.2	46.9	61.3	89.1	198.2	245.8	296.5
-10°	0.0	4.4	10.3	17.6	25.9	46.1	60.6	92.0	193.6	243.3	294.0
-12.5°	0.0	4.4	10.2	17.4	25.4	45.2	59.7	93.9	187.9	240.2	289.6
-15°	0.0	4.3	10.1	17.1	25.0	44.0	58.6	94.6	180.9	236.2	283.8
-17.5°	0.0	4.3	9.9	16.9	24.5	42.6	57.5	95.1	173.1	231.5	276.9
-20°	0.0	4.2	9.8	16.6	23.9	41.0	58.1	95.9	165.0	226.2	268.7



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	9.6	16.2	23.3	39.2	61.5	96.5	157.0	220.2	259.4
-25°	0.0	4.1	9.4	15.8	22.7	39.2	64.4	96.7	149.3	213.6	248.9
-27.5°	0.0	4.0	9.1	15.4	22.0	39.6	66.9	96.6	141.9	205.0	240.7
-30°	0.0	3.9	8.9	14.9	21.5	39.6	68.8	96.4	138.5	194.2	232.0
-32.5°	0.0	3.8	8.6	14.4	22.0	39.1	70.1	97.8	137.2	184.7	222.8
-35°	0.0	3.7	8.3	13.9	22.3	38.1	69.8	99.1	135.8	176.8	213.0
-37.5°	0.0	3.6	8.0	13.3	22.4	37.2	68.3	99.7	134.4	170.5	203.2
-40°	0.0	3.4	7.7	12.7	22.2	37.2	66.1	99.4	133.0	167.7	193.3
-42.5°	0.0	3.3	7.3	12.1	21.8	36.8	63.1	98.2	131.6	161.2	183.1
-45°	0.0	3.2	7.0	11.7	21.3	36.0	59.4	95.2	129.3	153.5	172.9
-47.5°	0.0	3.0	6.6	11.1	20.4	34.8	55.0	89.9	125.8	145.2	163.5
-50°	0.0	2.9	6.2	10.6	19.4	33.1	52.3	83.6	117.6	136.1	153.5
-52.5°	0.0	2.7	5.8	10.0	18.1	31.0	49.5	76.3	107.0	126.9	142.9
-55°	0.0	2.6	5.4	9.4	16.7	28.8	46.2	68.6	95.5	117.6	132.9
-57.5°	0.0	2.4	4.9	8.8	15.0	26.4	42.2	63.3	83.9	105.8	122.8
-60°	0.0	2.2	4.5	8.0	13.2	23.6	37.8	56.5	72.8	93.2	111.7
-62.5°	0.0	2.1	4.2	7.3	12.0	20.5	33.4	49.0	63.7	80.6	98.4
-65°	0.0	1.9	3.8	6.4	10.7	17.1	28.7	41.4	54.1	68.9	85.2
-67.5°	0.0	1.7	3.4	5.6	9.3	14.3	23.5	34.4	44.1	56.9	71.3
-70°	0.0	1.5	3.1	4.7	7.9	12.2	18.0	27.3	35.9	44.5	56.7
-72.5°	0.0	1.4	2.7	4.0	6.3	10.0	14.6	20.1	27.7	35.2	42.6
-75°	0.0	1.2	2.3	3.5	4.8	7.7	11.5	15.3	19.4	25.9	32.3
-77.5°	0.0	1.0	1.9	2.9	3.9	5.3	8.2	11.3	14.3	17.5	21.8
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.9	7.2	9.6	12.1	14.6
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.8	6.6	8.4
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-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°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
85°	3.8	3.8	4.2	4.5	5.0	5.3	5.5	5.5	6.2	7.0	8.0
82.5°	9.5	10.1	10.5	10.6	10.7	10.7	10.6	10.6	13.0	16.1	19.6
80°	15.9	16.5	19.0	21.7	23.2	23.1	21.9	19.6	23.2	28.9	35.9
77.5°	25.9	29.7	33.7	37.8	38.6	36.7	33.4	29.0	34.2	44.5	56.2
75°	37.7	42.9	48.7	53.1	53.2	50.0	45.8	44.9	53.6	66.1	76.4
72.5°	51.5	59.1	64.8	68.5	68.2	67.7	69.3	73.0	80.2	89.3	97.2
70°	68.2	75.8	80.0	81.9	82.7	86.8	93.0	97.7	102.8	111.7	120.0
67.5°	84.8	90.6	94.3	96.8	103.8	111.7	117.9	123.6	129.8	139.1	146.6
65°	99.5	105.5	110.7	118.4	128.6	136.1	143.5	151.1	162.0	172.3	178.5
62.5°	114.0	120.3	128.2	138.7	149.7	159.3	171.3	184.9	199.1	209.6	221.7
60°	125.1	134.1	145.3	157.9	171.0	186.6	202.1	217.9	232.5	246.6	264.4
57.5°	135.8	148.7	162.7	177.5	194.8	214.3	233.2	250.3	268.6	288.3	308.3
55°	147.4	164.4	180.0	197.5	218.7	243.5	264.4	284.7	306.6	339.7	368.6
52.5°	160.2	179.0	196.6	218.0	244.4	270.9	294.7	323.1	359.6	408.8	488.6
50°	172.2	192.4	213.0	240.7	269.2	297.1	331.6	371.1	444.3	536.0	696.7
47.5°	184.2	205.6	232.8	262.8	293.9	330.7	374.2	460.8	560.6	789.1	1016.8
45°	196.1	221.5	251.6	285.6	322.7	368.8	459.4	566.2	837.6	1100.5	1374.3
42.5°	207.7	237.4	271.9	308.1	356.5	440.0	556.7	838.8	1132.7	1434.6	1697.4
40°	220.9	252.3	292.2	338.1	402.0	528.9	790.8	1108.4	1439.7	1724.9	1980.6
37.5°	233.3	270.5	313.8	367.3	482.2	693.9	1031.4	1383.6	1704.4	1983.1	2256.3
35°	244.7	288.1	339.7	419.9	560.8	909.5	1275.4	1633.7	1940.3	2237.9	2536.7
32.5°	258.1	305.1	364.6	489.6	740.9	1117.8	1507.1	1848.5	2169.5	2486.9	2828.2
30°	272.8	326.2	399.2	556.1	919.4	1320.1	1705.9	2054.5	2387.4	2739.9	3105.4
27.5°	286.7	346.5	456.6	685.1	1087.2	1509.0	1886.6	2245.4	2602.8	2978.1	3371.7
25°	299.4	365.9	510.5	826.5	1249.1	1670.2	2052.9	2418.1	2804.0	3211.8	3626.0
22.5°	313.0	384.7	559.1	955.3	1397.3	1813.7	2199.9	2587.0	2995.5	3427.7	3859.7
20°	327.7	424.9	639.0	1074.2	1531.9	1944.0	2331.7	2744.0	3174.6	3622.3	4078.6
17.5°	341.1	460.5	734.5	1187.0	1645.1	2057.4	2450.4	2886.1	3330.4	3798.4	4279.0
15°	353.1	491.3	818.6	1286.7	1741.2	2153.7	2566.1	3012.3	3468.8	3956.3	4455.5
12.5°	363.7	517.4	891.0	1373.0	1822.3	2236.0	2663.4	3118.7	3592.2	4094.3	4614.5
10°	372.7	538.6	951.1	1445.1	1888.2	2304.0	2741.4	3207.2	3690.4	4205.5	4742.8
7.5°	378.5	556.1	998.6	1502.7	1939.1	2357.2	2800.3	3277.0	3762.3	4292.3	4839.8
5°	382.1	570.4	1033.0	1545.3	1976.2	2397.3	2842.7	3327.1	3808.4	4353.2	4905.1
2.5°	383.9	580.2	1054.0	1572.6	1999.4	2425.4	2877.8	3371.1	3856.9	4396.6	4955.6
0°	383.7	585.3	1061.6	1584.2	2008.2	2438.2	2895.1	3393.8	3888.1	4415.1	4990.0
-2.5°	383.9	580.2	1054.0	1572.6	1999.4	2425.4	2877.8	3371.1	3856.9	4396.6	4955.6
-5°	382.1	570.4	1033.0	1545.3	1976.2	2397.3	2842.7	3327.1	3808.4	4353.2	4905.1
-7.5°	378.5	556.1	998.6	1502.7	1939.1	2357.2	2800.3	3277.0	3762.3	4292.3	4839.8
-10°	372.7	538.6	951.1	1445.1	1888.2	2304.0	2741.4	3207.2	3690.4	4205.5	4742.8
-12.5°	363.7	517.4	891.0	1373.0	1822.3	2236.0	2663.4	3118.7	3592.2	4094.3	4614.5
-15°	353.1	491.3	818.6	1286.7	1741.2	2153.7	2566.1	3012.3	3468.8	3956.3	4455.5
-17.5°	341.1	460.5	734.5	1187.0	1645.1	2057.4	2450.4	2886.1	3330.4	3798.4	4279.0
-20°	327.7	424.9	639.0	1074.2	1531.9	1944.0	2331.7	2744.0	3174.6	3622.3	4078.6



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	313.0	384.7	559.1	955.3	1397.3	1813.7	2199.9	2587.0	2995.5	3427.7	3859.7
-25°	299.4	365.9	510.5	826.5	1249.1	1670.2	2052.9	2418.1	2804.0	3211.8	3626.0
-27.5°	286.7	346.5	456.6	685.1	1087.2	1509.0	1886.6	2245.4	2602.8	2978.1	3371.7
-30°	272.8	326.2	399.2	556.1	919.4	1320.1	1705.9	2054.5	2387.4	2739.9	3105.4
-32.5°	258.1	305.1	364.6	489.6	740.9	1117.8	1507.1	1848.5	2169.5	2486.9	2828.2
-35°	244.7	288.1	339.7	419.9	560.8	909.5	1275.4	1633.7	1940.3	2237.9	2536.7
-37.5°	233.3	270.5	313.8	367.3	482.2	693.9	1031.4	1383.6	1704.4	1983.1	2256.3
-40°	220.9	252.3	292.2	338.1	402.0	528.9	790.8	1108.4	1439.7	1724.9	1980.6
-42.5°	207.7	237.4	271.9	308.1	356.5	440.0	556.7	838.8	1132.7	1434.6	1697.4
-45°	196.1	221.5	251.6	285.6	322.7	368.8	459.4	566.2	837.6	1100.5	1374.3
-47.5°	184.2	205.6	232.8	262.8	293.9	330.7	374.2	460.8	560.6	789.1	1016.8
-50°	172.2	192.4	213.0	240.7	269.2	297.1	331.6	371.1	444.3	536.0	696.7
-52.5°	160.2	179.0	196.6	218.0	244.4	270.9	294.7	323.1	359.6	408.8	488.6
-55°	147.4	164.4	180.0	197.5	218.7	243.5	264.4	284.7	306.6	339.7	368.6
-57.5°	135.8	148.7	162.7	177.5	194.8	214.3	233.2	250.3	268.6	288.3	308.3
-60°	125.1	134.1	145.3	157.9	171.0	186.6	202.1	217.9	232.5	246.6	264.4
-62.5°	114.0	120.3	128.2	138.7	149.7	159.3	171.3	184.9	199.1	209.6	221.7
-65°	99.5	105.5	110.7	118.4	128.6	136.1	143.5	151.1	162.0	172.3	178.5
-67.5°	84.8	90.6	94.3	96.8	103.8	111.7	117.9	123.6	129.8	139.1	146.6
-70°	68.2	75.8	80.0	81.9	82.7	86.8	93.0	97.7	102.8	111.7	120.0
-72.5°	51.5	59.1	64.8	68.5	68.2	67.7	69.3	73.0	80.2	89.3	97.2
-75°	37.7	42.9	48.7	53.1	53.2	50.0	45.8	44.9	53.6	66.1	76.4
-77.5°	25.9	29.7	33.7	37.8	38.6	36.7	33.4	29.0	34.2	44.5	56.2
-80°	15.9	16.5	19.0	21.7	23.2	23.1	21.9	19.6	23.2	28.9	35.9
-82.5°	9.5	10.1	10.5	10.6	10.7	10.7	10.6	10.6	13.0	16.1	19.6
-85°	3.8	3.8	4.2	4.5	5.0	5.3	5.5	5.5	6.2	7.0	8.0
-87.5°	1.9	1.9	1.8	1.7	1.8	1.9	2.0	2.1	1.9	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	9.1	8.9	8.6	8.2	7.6	7.9	8.1	8.3	8.5	7.9	7.3
82.5°	23.4	25.1	26.8	28.5	30.4	30.1	29.3	28.1	26.5	23.6	20.4
80°	43.9	48.0	50.7	52.9	54.7	53.0	50.4	47.5	44.2	39.3	33.9
77.5°	68.1	72.3	74.4	77.0	79.8	80.4	80.6	80.8	81.1	72.0	60.4
75°	84.6	90.1	94.6	98.6	102.1	103.8	105.0	106.1	107.1	95.0	79.1
72.5°	104.0	109.3	113.6	117.9	121.7	124.6	126.9	128.7	130.2	120.4	106.5
70°	126.7	132.0	136.9	141.4	145.7	149.6	153.2	156.5	159.5	160.0	160.7
67.5°	152.3	155.4	161.3	166.9	173.6	178.5	183.9	189.0	193.7	197.7	201.1
65°	184.0	195.3	206.7	212.3	212.7	219.9	231.0	237.2	239.0	240.4	243.9
62.5°	237.2	251.7	259.4	269.4	283.2	298.1	303.8	312.0	322.1	333.4	343.7
60°	279.4	291.8	310.3	329.1	345.8	360.9	397.7	430.4	458.5	482.6	505.8
57.5°	331.9	352.3	380.5	431.4	478.0	520.1	592.0	679.9	758.2	826.7	886.9
55°	415.5	475.0	528.6	648.7	777.1	888.2	992.2	1103.5	1194.0	1264.9	1330.4
52.5°	558.0	721.7	887.5	1043.5	1196.9	1336.6	1461.9	1560.5	1637.5	1695.3	1750.0
50°	893.4	1090.6	1292.6	1478.7	1629.4	1767.1	1897.5	1995.3	2077.2	2147.6	2210.0
47.5°	1259.0	1489.8	1680.8	1852.4	2014.8	2167.5	2310.2	2429.2	2530.1	2623.1	2700.5
45°	1622.8	1829.3	2025.1	2209.2	2385.9	2557.1	2710.6	2846.0	2979.4	3089.6	3176.8
42.5°	1930.5	2149.1	2357.4	2568.0	2765.6	2957.6	3143.0	3307.7	3449.4	3569.9	3666.8
40°	2225.8	2461.5	2708.8	2942.7	3177.3	3396.5	3601.8	3789.9	3951.3	4093.9	4214.6
37.5°	2526.3	2801.4	3073.2	3339.8	3598.3	3836.6	4072.3	4289.3	4478.4	4645.3	4785.4
35°	2843.4	3146.7	3442.4	3742.8	4025.0	4300.9	4561.5	4800.2	5009.7	5206.3	5375.3
32.5°	3161.2	3489.8	3822.8	4147.7	4460.4	4769.4	5055.2	5324.3	5571.9	5789.5	5969.9
30°	3470.6	3832.3	4188.6	4542.6	4899.6	5236.1	5552.7	5848.3	6116.9	6353.9	6559.0
27.5°	3767.4	4156.3	4538.4	4943.4	5331.2	5697.3	6041.2	6359.1	6658.9	6928.5	7161.2
25°	4042.1	4455.2	4900.6	5325.3	5740.3	6146.3	6523.2	6868.4	7211.2	7507.8	7760.5
22.5°	4301.6	4762.6	5231.5	5677.0	6134.9	6581.4	7003.2	7403.2	7769.4	8080.2	8349.6
20°	4548.4	5044.5	5527.7	6020.9	6516.7	6998.4	7462.8	7890.4	8277.3	8616.0	8919.8
17.5°	4781.4	5294.8	5808.3	6334.9	6870.4	7376.8	7868.9	8334.0	8756.4	9132.2	9474.7
15°	4983.0	5513.5	6063.4	6623.1	7183.2	7721.6	8243.9	8750.6	9225.8	9634.8	9980.2
12.5°	5154.4	5707.0	6288.7	6875.9	7466.3	8030.7	8584.3	9126.5	9631.6	10071.3	10426.0
10°	5296.5	5875.5	6483.1	7094.7	7700.3	8286.8	8862.5	9423.5	9966.0	10421.8	10786.0
7.5°	5414.9	6016.2	6637.8	7267.9	7878.9	8488.0	9088.4	9655.1	10189.6	10670.2	11044.6
5°	5503.4	6114.7	6749.4	7395.2	8015.6	8646.4	9264.7	9844.6	10373.8	10809.4	11114.9
2.5°	5569.3	6176.1	6821.8	7472.0	8100.6	8754.1	9385.6	9966.1	10507.8	10920.0	11184.6
0°	5614.1	6209.8	6887.7	7525.3	8164.3	8834.7	9458.9	10045.6	10589.1	10992.3	11265.5
-2.5°	5569.3	6176.1	6821.8	7472.0	8100.6	8754.1	9385.6	9966.1	10507.8	10920.0	11184.6
-5°	5503.4	6114.7	6749.4	7395.2	8015.6	8646.4	9264.7	9844.6	10373.8	10809.4	11114.9
-7.5°	5414.9	6016.2	6637.8	7267.9	7878.9	8488.0	9088.4	9655.1	10189.6	10670.2	11044.6
-10°	5296.5	5875.5	6483.1	7094.7	7700.3	8286.8	8862.5	9423.5	9966.0	10421.8	10786.0
-12.5°	5154.4	5707.0	6288.7	6875.9	7466.3	8030.7	8584.3	9126.5	9631.6	10071.3	10426.0
-15°	4983.0	5513.5	6063.4	6623.1	7183.2	7721.6	8243.9	8750.6	9225.8	9634.8	9980.2
-17.5°	4781.4	5294.8	5808.3	6334.9	6870.4	7376.8	7868.9	8334.0	8756.4	9132.2	9474.7
-20°	4548.4	5044.5	5527.7	6020.9	6516.7	6998.4	7462.8	7890.4	8277.3	8616.0	8919.8



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4301.6	4762.6	5231.5	5677.0	6134.9	6581.4	7003.2	7403.2	7769.4	8080.2	8349.6
-25°	4042.1	4455.2	4900.6	5325.3	5740.3	6146.3	6523.2	6868.4	7211.2	7507.8	7760.5
-27.5°	3767.4	4156.3	4538.4	4943.4	5331.2	5697.3	6041.2	6359.1	6658.9	6928.5	7161.2
-30°	3470.6	3832.3	4188.6	4542.6	4899.6	5236.1	5552.7	5848.3	6116.9	6353.9	6559.0
-32.5°	3161.2	3489.8	3822.8	4147.7	4460.4	4769.4	5055.2	5324.3	5571.9	5789.5	5969.9
-35°	2843.4	3146.7	3442.4	3742.8	4025.0	4300.9	4561.5	4800.2	5009.7	5206.3	5375.3
-37.5°	2526.3	2801.4	3073.2	3339.8	3598.3	3836.6	4072.3	4289.3	4478.4	4645.3	4785.4
-40°	2225.8	2461.5	2708.8	2942.7	3177.3	3396.5	3601.8	3789.9	3951.3	4093.9	4214.6
-42.5°	1930.5	2149.1	2357.4	2568.0	2765.6	2957.6	3143.0	3307.7	3449.4	3569.9	3666.8
-45°	1622.8	1829.3	2025.1	2209.2	2385.9	2557.1	2710.6	2846.0	2979.4	3089.6	3176.8
-47.5°	1259.0	1489.8	1680.8	1852.4	2014.8	2167.5	2310.2	2429.2	2530.1	2623.1	2700.5
-50°	893.4	1090.6	1292.6	1478.7	1629.4	1767.1	1897.5	1995.3	2077.2	2147.6	2210.0
-52.5°	558.0	721.7	887.5	1043.5	1196.9	1336.6	1461.9	1560.5	1637.5	1695.3	1750.0
-55°	415.5	475.0	528.6	648.7	777.1	888.2	992.2	1103.5	1194.0	1264.9	1330.4
-57.5°	331.9	352.3	380.5	431.4	478.0	520.1	592.0	679.9	758.2	826.7	886.9
-60°	279.4	291.8	310.3	329.1	345.8	360.9	397.7	430.4	458.5	482.6	505.8
-62.5°	237.2	251.7	259.4	269.4	283.2	298.1	303.8	312.0	322.1	333.4	343.7
-65°	184.0	195.3	206.7	212.3	212.7	219.9	231.0	237.2	239.0	240.4	243.9
-67.5°	152.3	155.4	161.3	166.9	173.6	178.5	183.9	189.0	193.7	197.7	201.1
-70°	126.7	132.0	136.9	141.4	145.7	149.6	153.2	156.5	159.5	160.0	160.7
-72.5°	104.0	109.3	113.6	117.9	121.7	124.6	126.9	128.7	130.2	120.4	106.5
-75°	84.6	90.1	94.6	98.6	102.1	103.8	105.0	106.1	107.1	95.0	79.1
-77.5°	68.1	72.3	74.4	77.0	79.8	80.4	80.6	80.8	81.1	72.0	60.4
-80°	43.9	48.0	50.7	52.9	54.7	53.0	50.4	47.5	44.2	39.3	33.9
-82.5°	23.4	25.1	26.8	28.5	30.4	30.1	29.3	28.1	26.5	23.6	20.4
-85°	9.1	8.9	8.6	8.2	7.6	7.9	8.1	8.3	8.5	7.9	7.3
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	7.9	8.5	8.3
82.5°	17.0	13.4	14.1	14.9	14.1	13.4	17.0	20.4	23.6	26.5	28.1
80°	28.3	22.4	23.1	23.9	23.1	22.4	28.3	33.9	39.3	44.2	47.5
77.5°	47.9	34.7	33.5	32.8	33.5	34.7	47.9	60.4	72.0	81.1	80.8
75°	62.6	45.7	44.7	44.8	44.7	45.7	62.6	79.1	95.0	107.1	106.1
72.5°	92.4	78.1	68.2	58.2	68.2	78.1	92.4	106.5	120.4	130.2	128.7
70°	162.5	164.5	163.7	161.3	163.7	164.5	162.5	160.7	160.0	159.5	156.5
67.5°	203.8	206.0	206.4	206.0	206.4	206.0	203.8	201.1	197.7	193.7	189.0
65°	246.3	247.7	248.9	249.3	248.9	247.7	246.3	243.9	240.4	239.0	237.2
62.5°	351.4	356.5	362.0	365.8	362.0	356.5	351.4	343.7	333.4	322.1	312.0
60°	526.0	542.8	550.3	551.0	550.3	542.8	526.0	505.8	482.6	458.5	430.4
57.5°	935.1	971.1	1003.2	1027.3	1003.2	971.1	935.1	886.9	826.7	758.2	679.9
55°	1382.6	1420.9	1442.5	1448.3	1442.5	1420.9	1382.6	1330.4	1264.9	1194.0	1103.5
52.5°	1791.5	1817.0	1841.1	1861.9	1841.1	1817.0	1791.5	1750.0	1695.3	1637.5	1560.5
50°	2257.1	2285.5	2309.4	2327.8	2309.4	2285.5	2257.1	2210.0	2147.6	2077.2	1995.3
47.5°	2754.8	2789.6	2815.2	2832.4	2815.2	2789.6	2754.8	2700.5	2623.1	2530.1	2429.2
45°	3251.5	3311.0	3347.2	3353.5	3347.2	3311.0	3251.5	3176.8	3089.6	2979.4	2846.0
42.5°	3750.6	3807.7	3846.2	3874.6	3846.2	3807.7	3750.6	3666.8	3569.9	3449.4	3307.7
40°	4315.2	4386.8	4419.7	4398.7	4419.7	4386.8	4315.2	4214.6	4093.9	3951.3	3789.9
37.5°	4893.5	4967.2	5005.2	5003.4	5005.2	4967.2	4893.5	4785.4	4645.3	4478.4	4289.3
35°	5506.7	5598.0	5647.4	5635.0	5647.4	5598.0	5506.7	5375.3	5206.3	5009.7	4800.2
32.5°	6114.1	6224.5	6295.8	6306.9	6295.8	6224.5	6114.1	5969.9	5789.5	5571.9	5324.3
30°	6723.3	6842.7	6913.6	6920.6	6913.6	6842.7	6723.3	6559.0	6353.9	6116.9	5848.3
27.5°	7356.5	7490.0	7564.3	7582.0	7564.3	7490.0	7356.5	7161.2	6928.5	6658.9	6359.1
25°	7975.9	8124.2	8209.3	8242.0	8209.3	8124.2	7975.9	7760.5	7507.8	7211.2	6868.4
22.5°	8573.2	8735.7	8846.8	8875.0	8846.8	8735.7	8573.2	8349.6	8080.2	7769.4	7403.2
20°	9172.3	9364.1	9506.1	9520.1	9506.1	9364.1	9172.3	8919.8	8616.0	8277.3	7890.4
17.5°	9749.1	9956.6	10108.6	10145.7	10108.6	9956.6	9749.1	9474.7	9132.2	8756.4	8334.0
15°	10265.5	10483.3	10630.0	10662.3	10630.0	10483.3	10265.5	9980.2	9634.8	9225.8	8750.6
12.5°	10711.1	10911.9	11048.9	11101.3	11048.9	10911.9	10711.1	10426.0	10071.3	9631.6	9126.5
10°	11070.1	11225.2	11347.7	11402.9	11347.7	11225.2	11070.1	10786.0	10421.8	9966.0	9423.5
7.5°	11270.5	11398.1	11482.9	11513.4	11482.9	11398.1	11270.5	11044.6	10670.2	10189.6	9655.1
5°	11349.7	11472.0	11517.9	11544.7	11517.9	11472.0	11349.7	11114.9	10809.4	10373.8	9844.6
2.5°	11360.5	11458.4	11552.8	11614.9	11552.8	11458.4	11360.5	11184.6	10920.0	10507.8	9966.1
0°	11423.8	11519.3	11571.6	11601.5	11571.6	11519.3	11423.8	11265.5	10992.3	10589.1	10045.6
-2.5°	11360.5	11458.4	11552.8	11614.9	11552.8	11458.4	11360.5	11184.6	10920.0	10507.8	9966.1
-5°	11349.7	11472.0	11517.9	11544.7	11517.9	11472.0	11349.7	11114.9	10809.4	10373.8	9844.6
-7.5°	11270.5	11398.1	11482.9	11513.4	11482.9	11398.1	11270.5	11044.6	10670.2	10189.6	9655.1
-10°	11070.1	11225.2	11347.7	11402.9	11347.7	11225.2	11070.1	10786.0	10421.8	9966.0	9423.5
-12.5°	10711.1	10911.9	11048.9	11101.3	11048.9	10911.9	10711.1	10426.0	10071.3	9631.6	9126.5
-15°	10265.5	10483.3	10630.0	10662.3	10630.0	10483.3	10265.5	9980.2	9634.8	9225.8	8750.6
-17.5°	9749.1	9956.6	10108.6	10145.7	10108.6	9956.6	9749.1	9474.7	9132.2	8756.4	8334.0
-20°	9172.3	9364.1	9506.1	9520.1	9506.1	9364.1	9172.3	8919.8	8616.0	8277.3	7890.4



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8573.2	8735.7	8846.8	8875.0	8846.8	8735.7	8573.2	8349.6	8080.2	7769.4	7403.2
-25°	7975.9	8124.2	8209.3	8242.0	8209.3	8124.2	7975.9	7760.5	7507.8	7211.2	6868.4
-27.5°	7356.5	7490.0	7564.3	7582.0	7564.3	7490.0	7356.5	7161.2	6928.5	6658.9	6359.1
-30°	6723.3	6842.7	6913.6	6920.6	6913.6	6842.7	6723.3	6559.0	6353.9	6116.9	5848.3
-32.5°	6114.1	6224.5	6295.8	6306.9	6295.8	6224.5	6114.1	5969.9	5789.5	5571.9	5324.3
-35°	5506.7	5598.0	5647.4	5635.0	5647.4	5598.0	5506.7	5375.3	5206.3	5009.7	4800.2
-37.5°	4893.5	4967.2	5005.2	5003.4	5005.2	4967.2	4893.5	4785.4	4645.3	4478.4	4289.3
-40°	4315.2	4386.8	4419.7	4398.7	4419.7	4386.8	4315.2	4214.6	4093.9	3951.3	3789.9
-42.5°	3750.6	3807.7	3846.2	3874.6	3846.2	3807.7	3750.6	3666.8	3569.9	3449.4	3307.7
-45°	3251.5	3311.0	3347.2	3353.5	3347.2	3311.0	3251.5	3176.8	3089.6	2979.4	2846.0
-47.5°	2754.8	2789.6	2815.2	2832.4	2815.2	2789.6	2754.8	2700.5	2623.1	2530.1	2429.2
-50°	2257.1	2285.5	2309.4	2327.8	2309.4	2285.5	2257.1	2210.0	2147.6	2077.2	1995.3
-52.5°	1791.5	1817.0	1841.1	1861.9	1841.1	1817.0	1791.5	1750.0	1695.3	1637.5	1560.5
-55°	1382.6	1420.9	1442.5	1448.3	1442.5	1420.9	1382.6	1330.4	1264.9	1194.0	1103.5
-57.5°	935.1	971.1	1003.2	1027.3	1003.2	971.1	935.1	886.9	826.7	758.2	679.9
-60°	526.0	542.8	550.3	551.0	550.3	542.8	526.0	505.8	482.6	458.5	430.4
-62.5°	351.4	356.5	362.0	365.8	362.0	356.5	351.4	343.7	333.4	322.1	312.0
-65°	246.3	247.7	248.9	249.3	248.9	247.7	246.3	243.9	240.4	239.0	237.2
-67.5°	203.8	206.0	206.4	206.0	206.4	206.0	203.8	201.1	197.7	193.7	189.0
-70°	162.5	164.5	163.7	161.3	163.7	164.5	162.5	160.7	160.0	159.5	156.5
-72.5°	92.4	78.1	68.2	58.2	68.2	78.1	92.4	106.5	120.4	130.2	128.7
-75°	62.6	45.7	44.7	44.8	44.7	45.7	62.6	79.1	95.0	107.1	106.1
-77.5°	47.9	34.7	33.5	32.8	33.5	34.7	47.9	60.4	72.0	81.1	80.8
-80°	28.3	22.4	23.1	23.9	23.1	22.4	28.3	33.9	39.3	44.2	47.5
-82.5°	17.0	13.4	14.1	14.9	14.1	13.4	17.0	20.4	23.6	26.5	28.1
-85°	6.7	6.0	6.0	6.0	6.0	6.0	6.7	7.3	7.9	8.5	8.3
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
-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: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
85°	8.1	7.9	7.6	8.2	8.6	8.9	9.1	8.0	7.0	6.2	5.5
82.5°	29.3	30.1	30.4	28.5	26.8	25.1	23.4	19.6	16.1	13.0	10.6
80°	50.4	53.0	54.7	52.9	50.7	48.0	43.9	35.9	28.9	23.2	19.6
77.5°	80.6	80.4	79.8	77.0	74.4	72.3	68.1	56.2	44.5	34.2	29.0
75°	105.0	103.8	102.1	98.6	94.6	90.1	84.6	76.4	66.1	53.6	44.9
72.5°	126.9	124.6	121.7	117.9	113.6	109.3	104.0	97.2	89.3	80.2	73.0
70°	153.2	149.6	145.7	141.4	136.9	132.0	126.7	120.0	111.7	102.8	97.7
67.5°	183.9	178.5	173.6	166.9	161.3	155.4	152.3	146.6	139.1	129.8	123.6
65°	231.0	219.9	212.7	212.3	206.7	195.3	184.0	178.5	172.3	162.0	151.1
62.5°	303.8	298.1	283.2	269.4	259.4	251.7	237.2	221.7	209.6	199.1	184.9
60°	397.7	360.9	345.8	329.1	310.3	291.8	279.4	264.4	246.6	232.5	217.9
57.5°	592.0	520.1	478.0	431.4	380.5	352.3	331.9	308.3	288.3	268.6	250.3
55°	992.2	888.2	777.1	648.7	528.6	475.0	415.5	368.6	339.7	306.6	284.7
52.5°	1461.9	1336.6	1196.9	1043.5	887.5	721.7	558.0	488.6	408.8	359.6	323.1
50°	1897.5	1767.1	1629.4	1478.7	1292.6	1090.6	893.4	696.7	536.0	444.3	371.1
47.5°	2310.2	2167.5	2014.8	1852.4	1680.8	1489.8	1259.0	1016.8	789.1	560.6	460.8
45°	2710.6	2557.1	2385.9	2209.2	2025.1	1829.3	1622.8	1374.3	1100.5	837.6	566.2
42.5°	3143.0	2957.6	2765.6	2568.0	2357.4	2149.1	1930.5	1697.4	1434.6	1132.7	838.8
40°	3601.8	3396.5	3177.3	2942.7	2708.8	2461.5	2225.8	1980.6	1724.9	1439.7	1108.4
37.5°	4072.3	3836.6	3598.3	3339.8	3073.2	2801.4	2526.3	2256.3	1983.1	1704.4	1383.6
35°	4561.5	4300.9	4025.0	3742.8	3442.4	3146.7	2843.4	2536.7	2237.9	1940.3	1633.7
32.5°	5055.2	4769.4	4460.4	4147.7	3822.8	3489.8	3161.2	2828.2	2486.9	2169.5	1848.5
30°	5552.7	5236.1	4899.6	4542.6	4188.6	3832.3	3470.6	3105.4	2739.9	2387.4	2054.5
27.5°	6041.2	5697.3	5331.2	4943.4	4538.4	4156.3	3767.4	3371.7	2978.1	2602.8	2245.4
25°	6523.2	6146.3	5740.3	5325.3	4900.6	4455.2	4042.1	3626.0	3211.8	2804.0	2418.1
22.5°	7003.2	6581.4	6134.9	5677.0	5231.5	4762.6	4301.6	3859.7	3427.7	2995.5	2587.0
20°	7462.8	6998.4	6516.7	6020.9	5527.7	5044.5	4548.4	4078.6	3622.3	3174.6	2744.0
17.5°	7868.9	7376.8	6870.4	6334.9	5808.3	5294.8	4781.4	4279.0	3798.4	3330.4	2886.1
15°	8243.9	7721.6	7183.2	6623.1	6063.4	5513.5	4983.0	4455.5	3956.3	3468.8	3012.3
12.5°	8584.3	8030.7	7466.3	6875.9	6288.7	5707.0	5154.4	4614.5	4094.3	3592.2	3118.7
10°	8862.5	8286.8	7700.3	7094.7	6483.1	5875.5	5296.5	4742.8	4205.5	3690.4	3207.2
7.5°	9088.4	8488.0	7878.9	7267.9	6637.8	6016.2	5414.9	4839.8	4292.3	3762.3	3277.0
5°	9264.7	8646.4	8015.6	7395.2	6749.4	6114.7	5503.4	4905.1	4353.2	3808.4	3327.1
2.5°	9385.6	8754.1	8100.6	7472.0	6821.8	6176.1	5569.3	4955.6	4396.6	3856.9	3371.1
0°	9458.9	8834.7	8164.3	7525.3	6887.7	6209.8	5614.1	4990.0	4415.1	3888.1	3393.8
-2.5°	9385.6	8754.1	8100.6	7472.0	6821.8	6176.1	5569.3	4955.6	4396.6	3856.9	3371.1
-5°	9264.7	8646.4	8015.6	7395.2	6749.4	6114.7	5503.4	4905.1	4353.2	3808.4	3327.1
-7.5°	9088.4	8488.0	7878.9	7267.9	6637.8	6016.2	5414.9	4839.8	4292.3	3762.3	3277.0
-10°	8862.5	8286.8	7700.3	7094.7	6483.1	5875.5	5296.5	4742.8	4205.5	3690.4	3207.2
-12.5°	8584.3	8030.7	7466.3	6875.9	6288.7	5707.0	5154.4	4614.5	4094.3	3592.2	3118.7
-15°	8243.9	7721.6	7183.2	6623.1	6063.4	5513.5	4983.0	4455.5	3956.3	3468.8	3012.3
-17.5°	7868.9	7376.8	6870.4	6334.9	5808.3	5294.8	4781.4	4279.0	3798.4	3330.4	2886.1
-20°	7462.8	6998.4	6516.7	6020.9	5527.7	5044.5	4548.4	4078.6	3622.3	3174.6	2744.0



REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7003.2	6581.4	6134.9	5677.0	5231.5	4762.6	4301.6	3859.7	3427.7	2995.5	2587.0
-25°	6523.2	6146.3	5740.3	5325.3	4900.6	4455.2	4042.1	3626.0	3211.8	2804.0	2418.1
-27.5°	6041.2	5697.3	5331.2	4943.4	4538.4	4156.3	3767.4	3371.7	2978.1	2602.8	2245.4
-30°	5552.7	5236.1	4899.6	4542.6	4188.6	3832.3	3470.6	3105.4	2739.9	2387.4	2054.5
-32.5°	5055.2	4769.4	4460.4	4147.7	3822.8	3489.8	3161.2	2828.2	2486.9	2169.5	1848.5
-35°	4561.5	4300.9	4025.0	3742.8	3442.4	3146.7	2843.4	2536.7	2237.9	1940.3	1633.7
-37.5°	4072.3	3836.6	3598.3	3339.8	3073.2	2801.4	2526.3	2256.3	1983.1	1704.4	1383.6
-40°	3601.8	3396.5	3177.3	2942.7	2708.8	2461.5	2225.8	1980.6	1724.9	1439.7	1108.4
-42.5°	3143.0	2957.6	2765.6	2568.0	2357.4	2149.1	1930.5	1697.4	1434.6	1132.7	838.8
-45°	2710.6	2557.1	2385.9	2209.2	2025.1	1829.3	1622.8	1374.3	1100.5	837.6	566.2
-47.5°	2310.2	2167.5	2014.8	1852.4	1680.8	1489.8	1259.0	1016.8	789.1	560.6	460.8
-50°	1897.5	1767.1	1629.4	1478.7	1292.6	1090.6	893.4	696.7	536.0	444.3	371.1
-52.5°	1461.9	1336.6	1196.9	1043.5	887.5	721.7	558.0	488.6	408.8	359.6	323.1
-55°	992.2	888.2	777.1	648.7	528.6	475.0	415.5	368.6	339.7	306.6	284.7
-57.5°	592.0	520.1	478.0	431.4	380.5	352.3	331.9	308.3	288.3	268.6	250.3
-60°	397.7	360.9	345.8	329.1	310.3	291.8	279.4	264.4	246.6	232.5	217.9
-62.5°	303.8	298.1	283.2	269.4	259.4	251.7	237.2	221.7	209.6	199.1	184.9
-65°	231.0	219.9	212.7	212.3	206.7	195.3	184.0	178.5	172.3	162.0	151.1
-67.5°	183.9	178.5	173.6	166.9	161.3	155.4	152.3	146.6	139.1	129.8	123.6
-70°	153.2	149.6	145.7	141.4	136.9	132.0	126.7	120.0	111.7	102.8	97.7
-72.5°	126.9	124.6	121.7	117.9	113.6	109.3	104.0	97.2	89.3	80.2	73.0
-75°	105.0	103.8	102.1	98.6	94.6	90.1	84.6	76.4	66.1	53.6	44.9
-77.5°	80.6	80.4	79.8	77.0	74.4	72.3	68.1	56.2	44.5	34.2	29.0
-80°	50.4	53.0	54.7	52.9	50.7	48.0	43.9	35.9	28.9	23.2	19.6
-82.5°	29.3	30.1	30.4	28.5	26.8	25.1	23.4	19.6	16.1	13.0	10.6
-85°	8.1	7.9	7.6	8.2	8.6	8.9	9.1	8.0	7.0	6.2	5.5
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.5	1.7	1.9	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558835 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.4
85°	5.5	5.3	5.0	4.5	4.2	3.8	3.8	3.8	3.4	3.1	2.7
82.5°	10.6	10.7	10.7	10.6	10.5	10.1	9.5	8.4	6.6	4.8	4.0
80°	21.9	23.1	23.2	21.7	19.0	16.5	15.9	14.6	12.1	9.6	7.2
77.5°	33.4	36.7	38.6	37.8	33.7	29.7	25.9	21.8	17.5	14.3	11.3
75°	45.8	50.0	53.2	53.1	48.7	42.9	37.7	32.3	25.9	19.4	15.3
72.5°	69.3	67.7	68.2	68.5	64.8	59.1	51.5	42.6	35.2	27.7	20.1
70°	93.0	86.8	82.7	81.9	80.0	75.8	68.2	56.7	44.5	35.9	27.3
67.5°	117.9	111.7	103.8	96.8	94.3	90.6	84.8	71.3	56.9	44.1	34.4
65°	143.5	136.1	128.6	118.4	110.7	105.5	99.5	85.2	68.9	54.1	41.4
62.5°	171.3	159.3	149.7	138.7	128.2	120.3	114.0	98.4	80.6	63.7	49.0
60°	202.1	186.6	171.0	157.9	145.3	134.1	125.1	111.7	93.2	72.8	56.5
57.5°	233.2	214.3	194.8	177.5	162.7	148.7	135.8	122.8	105.8	83.9	63.3
55°	264.4	243.5	218.7	197.5	180.0	164.4	147.4	132.9	117.6	95.5	68.6
52.5°	294.7	270.9	244.4	218.0	196.6	179.0	160.2	142.9	126.9	107.0	76.3
50°	331.6	297.1	269.2	240.7	213.0	192.4	172.2	153.5	136.1	117.6	83.6
47.5°	374.2	330.7	293.9	262.8	232.8	205.6	184.2	163.5	145.2	125.8	89.9
45°	459.4	368.8	322.7	285.6	251.6	221.5	196.1	172.9	153.5	129.3	95.2
42.5°	556.7	440.0	356.5	308.1	271.9	237.4	207.7	183.1	161.2	131.6	98.2
40°	790.8	528.9	402.0	338.1	292.2	252.3	220.9	193.3	167.7	133.0	99.4
37.5°	1031.4	693.9	482.2	367.3	313.8	270.5	233.3	203.2	170.5	134.4	99.7
35°	1275.4	909.5	560.8	419.9	339.7	288.1	244.7	213.0	176.8	135.8	99.1
32.5°	1507.1	1117.8	740.9	489.6	364.6	305.1	258.1	222.8	184.7	137.2	97.8
30°	1705.9	1320.1	919.4	556.1	399.2	326.2	272.8	232.0	194.2	138.5	96.4
27.5°	1886.6	1509.0	1087.2	685.1	456.6	346.5	286.7	240.7	205.0	141.9	96.6
25°	2052.9	1670.2	1249.1	826.5	510.5	365.9	299.4	248.9	213.6	149.3	96.7
22.5°	2199.9	1813.7	1397.3	955.3	559.1	384.7	313.0	259.4	220.2	157.0	96.5
20°	2331.7	1944.0	1531.9	1074.2	639.0	424.9	327.7	268.7	226.2	165.0	95.9
17.5°	2450.4	2057.4	1645.1	1187.0	734.5	460.5	341.1	276.9	231.5	173.1	95.1
15°	2566.1	2153.7	1741.2	1286.7	818.6	491.3	353.1	283.8	236.2	180.9	94.6
12.5°	2663.4	2236.0	1822.3	1373.0	891.0	517.4	363.7	289.6	240.2	187.9	93.9
10°	2741.4	2304.0	1888.2	1445.1	951.1	538.6	372.7	294.0	243.3	193.6	92.0
7.5°	2800.3	2357.2	1939.1	1502.7	998.6	556.1	378.5	296.5	245.8	198.2	89.1
5°	2842.7	2397.3	1976.2	1545.3	1033.0	570.4	382.1	297.8	247.7	201.5	85.3
2.5°	2877.8	2425.4	1999.4	1572.6	1054.0	580.2	383.9	298.0	248.9	203.2	80.9
0°	2895.1	2438.2	2008.2	1584.2	1061.6	585.3	383.7	297.1	249.3	203.1	76.1
-2.5°	2877.8	2425.4	1999.4	1572.6	1054.0	580.2	383.9	298.0	248.9	203.2	80.9
-5°	2842.7	2397.3	1976.2	1545.3	1033.0	570.4	382.1	297.8	247.7	201.5	85.3
-7.5°	2800.3	2357.2	1939.1	1502.7	998.6	556.1	378.5	296.5	245.8	198.2	89.1
-10°	2741.4	2304.0	1888.2	1445.1	951.1	538.6	372.7	294.0	243.3	193.6	92.0
-12.5°	2663.4	2236.0	1822.3	1373.0	891.0	517.4	363.7	289.6	240.2	187.9	93.9
-15°	2566.1	2153.7	1741.2	1286.7	818.6	491.3	353.1	283.8	236.2	180.9	94.6
-17.5°	2450.4	2057.4	1645.1	1187.0	734.5	460.5	341.1	276.9	231.5	173.1	95.1
-20°	2331.7	1944.0	1531.9	1074.2	639.0	424.9	327.7	268.7	226.2	165.0	95.9



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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°	2199.9	1813.7	1397.3	955.3	559.1	384.7	313.0	259.4	220.2	157.0	96.5
-25°	2052.9	1670.2	1249.1	826.5	510.5	365.9	299.4	248.9	213.6	149.3	96.7
-27.5°	1886.6	1509.0	1087.2	685.1	456.6	346.5	286.7	240.7	205.0	141.9	96.6
-30°	1705.9	1320.1	919.4	556.1	399.2	326.2	272.8	232.0	194.2	138.5	96.4
-32.5°	1507.1	1117.8	740.9	489.6	364.6	305.1	258.1	222.8	184.7	137.2	97.8
-35°	1275.4	909.5	560.8	419.9	339.7	288.1	244.7	213.0	176.8	135.8	99.1
-37.5°	1031.4	693.9	482.2	367.3	313.8	270.5	233.3	203.2	170.5	134.4	99.7
-40°	790.8	528.9	402.0	338.1	292.2	252.3	220.9	193.3	167.7	133.0	99.4
-42.5°	556.7	440.0	356.5	308.1	271.9	237.4	207.7	183.1	161.2	131.6	98.2
-45°	459.4	368.8	322.7	285.6	251.6	221.5	196.1	172.9	153.5	129.3	95.2
-47.5°	374.2	330.7	293.9	262.8	232.8	205.6	184.2	163.5	145.2	125.8	89.9
-50°	331.6	297.1	269.2	240.7	213.0	192.4	172.2	153.5	136.1	117.6	83.6
-52.5°	294.7	270.9	244.4	218.0	196.6	179.0	160.2	142.9	126.9	107.0	76.3
-55°	264.4	243.5	218.7	197.5	180.0	164.4	147.4	132.9	117.6	95.5	68.6
-57.5°	233.2	214.3	194.8	177.5	162.7	148.7	135.8	122.8	105.8	83.9	63.3
-60°	202.1	186.6	171.0	157.9	145.3	134.1	125.1	111.7	93.2	72.8	56.5
-62.5°	171.3	159.3	149.7	138.7	128.2	120.3	114.0	98.4	80.6	63.7	49.0
-65°	143.5	136.1	128.6	118.4	110.7	105.5	99.5	85.2	68.9	54.1	41.4
-67.5°	117.9	111.7	103.8	96.8	94.3	90.6	84.8	71.3	56.9	44.1	34.4
-70°	93.0	86.8	82.7	81.9	80.0	75.8	68.2	56.7	44.5	35.9	27.3
-72.5°	69.3	67.7	68.2	68.5	64.8	59.1	51.5	42.6	35.2	27.7	20.1
-75°	45.8	50.0	53.2	53.1	48.7	42.9	37.7	32.3	25.9	19.4	15.3
-77.5°	33.4	36.7	38.6	37.8	33.7	29.7	25.9	21.8	17.5	14.3	11.3
-80°	21.9	23.1	23.2	21.7	19.0	16.5	15.9	14.6	12.1	9.6	7.2
-82.5°	10.6	10.7	10.7	10.6	10.5	10.1	9.5	8.4	6.6	4.8	4.0
-85°	5.5	5.3	5.0	4.5	4.2	3.8	3.8	3.8	3.4	3.1	2.7
-87.5°	2.0	1.9	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	8.2	5.3	3.9	2.9	1.9	1.0	0.0
75°	11.5	7.7	4.8	3.5	2.3	1.2	0.0
72.5°	14.6	10.0	6.3	4.0	2.7	1.4	0.0
70°	18.0	12.2	7.9	4.7	3.1	1.5	0.0
67.5°	23.5	14.3	9.3	5.6	3.4	1.7	0.0
65°	28.7	17.1	10.7	6.4	3.8	1.9	0.0
62.5°	33.4	20.5	12.0	7.3	4.2	2.1	0.0
60°	37.8	23.6	13.2	8.0	4.5	2.2	0.0
57.5°	42.2	26.4	15.0	8.8	4.9	2.4	0.0
55°	46.2	28.8	16.7	9.4	5.4	2.6	0.0
52.5°	49.5	31.0	18.1	10.0	5.8	2.7	0.0
50°	52.3	33.1	19.4	10.6	6.2	2.9	0.0
47.5°	55.0	34.8	20.4	11.1	6.6	3.0	0.0
45°	59.4	36.0	21.3	11.7	7.0	3.2	0.0
42.5°	63.1	36.8	21.8	12.1	7.3	3.3	0.0
40°	66.1	37.2	22.2	12.7	7.7	3.4	0.0
37.5°	68.3	37.2	22.4	13.3	8.0	3.6	0.0
35°	69.8	38.1	22.3	13.9	8.3	3.7	0.0
32.5°	70.1	39.1	22.0	14.4	8.6	3.8	0.0
30°	68.8	39.6	21.5	14.9	8.9	3.9	0.0
27.5°	66.9	39.6	22.0	15.4	9.1	4.0	0.0
25°	64.4	39.2	22.7	15.8	9.4	4.1	0.0
22.5°	61.5	39.2	23.3	16.2	9.6	4.2	0.0
20°	58.1	41.0	23.9	16.6	9.8	4.2	0.0
17.5°	57.5	42.6	24.5	16.9	9.9	4.3	0.0
15°	58.6	44.0	25.0	17.1	10.1	4.3	0.0
12.5°	59.7	45.2	25.4	17.4	10.2	4.4	0.0
10°	60.6	46.1	25.9	17.6	10.3	4.4	0.0
7.5°	61.3	46.9	26.2	17.7	10.4	4.5	0.0
5°	62.0	47.4	26.5	17.8	10.5	4.5	0.0
2.5°	62.4	47.7	26.7	17.9	10.5	4.5	0.0
0°	62.7	47.8	26.9	17.9	10.5	4.5	0.0
-2.5°	62.4	47.7	26.7	17.9	10.5	4.5	0.0
-5°	62.0	47.4	26.5	17.8	10.5	4.5	0.0
-7.5°	61.3	46.9	26.2	17.7	10.4	4.5	0.0
-10°	60.6	46.1	25.9	17.6	10.3	4.4	0.0
-12.5°	59.7	45.2	25.4	17.4	10.2	4.4	0.0
-15°	58.6	44.0	25.0	17.1	10.1	4.3	0.0
-17.5°	57.5	42.6	24.5	16.9	9.9	4.3	0.0
-20°	58.1	41.0	23.9	16.6	9.8	4.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.5	39.2	23.3	16.2	9.6	4.2	0.0
-25°	64.4	39.2	22.7	15.8	9.4	4.1	0.0
-27.5°	66.9	39.6	22.0	15.4	9.1	4.0	0.0
-30°	68.8	39.6	21.5	14.9	8.9	3.9	0.0
-32.5°	70.1	39.1	22.0	14.4	8.6	3.8	0.0
-35°	69.8	38.1	22.3	13.9	8.3	3.7	0.0
-37.5°	68.3	37.2	22.4	13.3	8.0	3.6	0.0
-40°	66.1	37.2	22.2	12.7	7.7	3.4	0.0
-42.5°	63.1	36.8	21.8	12.1	7.3	3.3	0.0
-45°	59.4	36.0	21.3	11.7	7.0	3.2	0.0
-47.5°	55.0	34.8	20.4	11.1	6.6	3.0	0.0
-50°	52.3	33.1	19.4	10.6	6.2	2.9	0.0
-52.5°	49.5	31.0	18.1	10.0	5.8	2.7	0.0
-55°	46.2	28.8	16.7	9.4	5.4	2.6	0.0
-57.5°	42.2	26.4	15.0	8.8	4.9	2.4	0.0
-60°	37.8	23.6	13.2	8.0	4.5	2.2	0.0
-62.5°	33.4	20.5	12.0	7.3	4.2	2.1	0.0
-65°	28.7	17.1	10.7	6.4	3.8	1.9	0.0
-67.5°	23.5	14.3	9.3	5.6	3.4	1.7	0.0
-70°	18.0	12.2	7.9	4.7	3.1	1.5	0.0
-72.5°	14.6	10.0	6.3	4.0	2.7	1.4	0.0
-75°	11.5	7.7	4.8	3.5	2.3	1.2	0.0
-77.5°	8.2	5.3	3.9	2.9	1.9	1.0	0.0
-80°	4.9	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)