

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: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559243 (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-SA6E-930-U-WR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

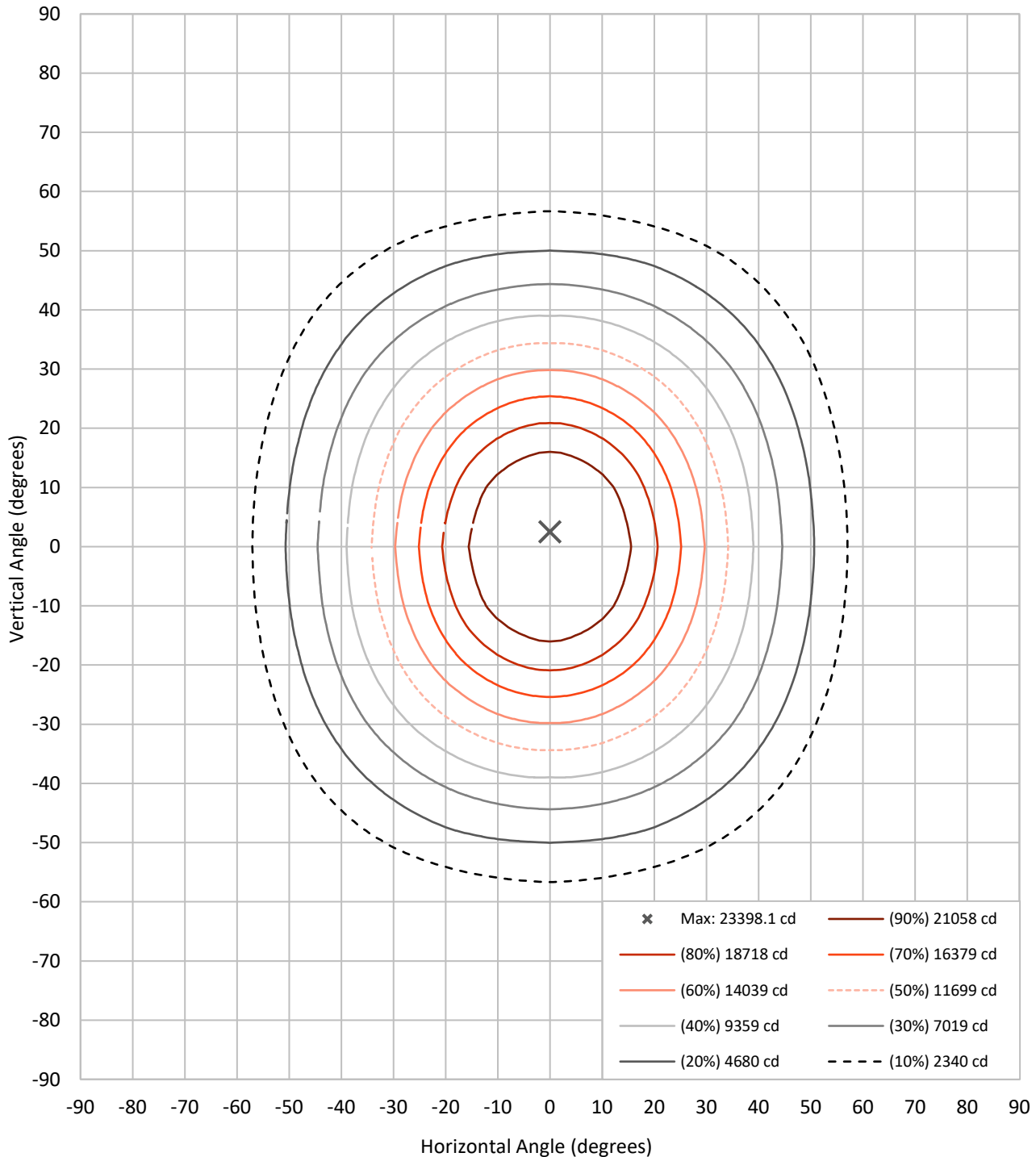
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	31667.2 lumens	Max Intensity:	23398.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	86.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	18986.8 lumens	Field Lumens:	30250.7 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 368  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





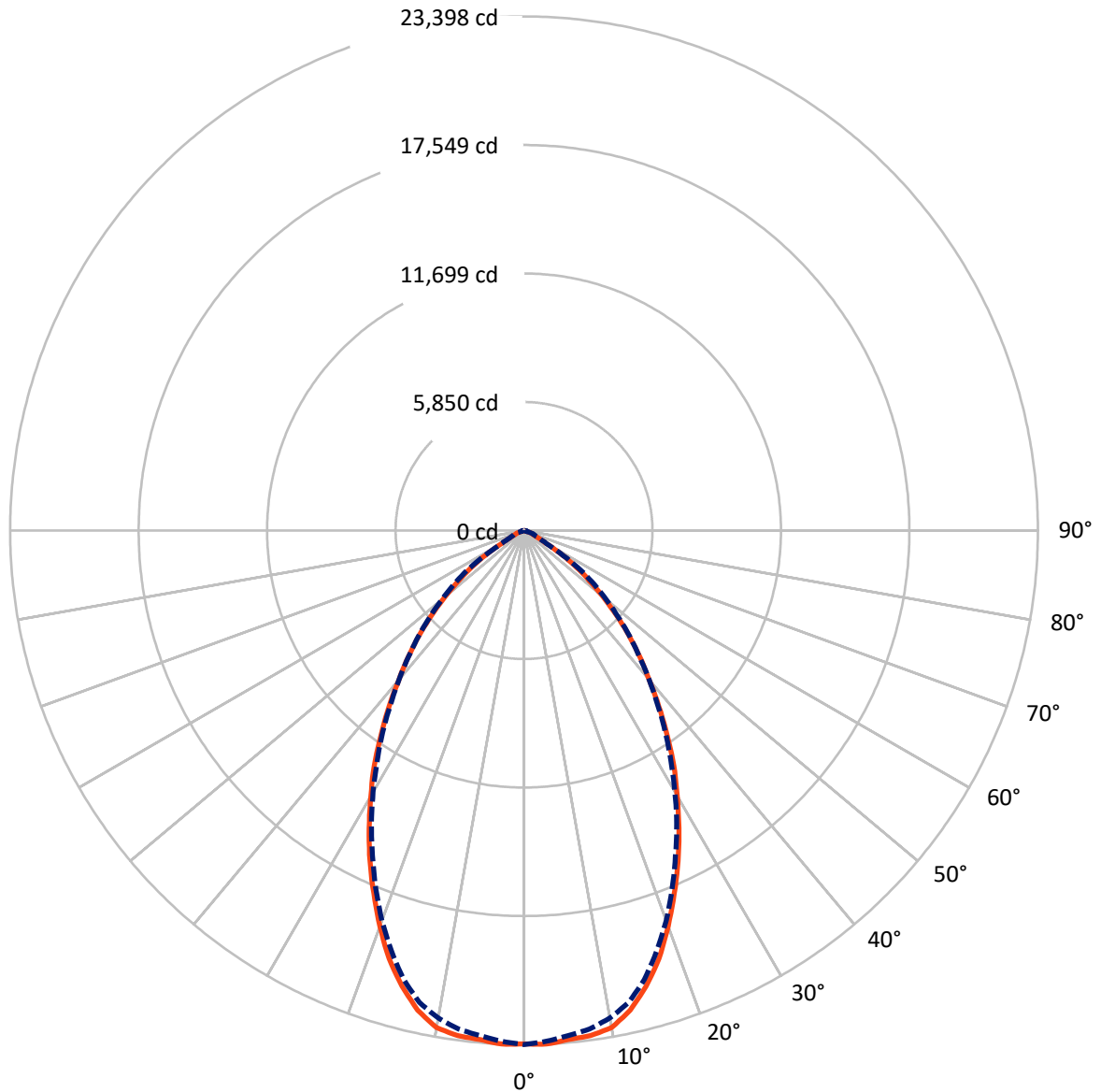
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### Lumen Table

90															90				
80	0.3	3.0		7.6		13.2		9.3		13.2		7.6		3.0		0.3			
70															70				
60	1.4	2.2	4.2	6.7	9.8	12.8	15.7	17.7	17.7	15.7	12.8	9.8	6.7	4.2	2.2	1.4			
		3.5	7.1	12.8	24.6	47.6	71.4	85.5	85.5	71.4	47.6	24.6	12.8	7.1	3.5				
50															50				
40	2.5	4.6	10.4	30.3	79.8	132.7	176.5	201.3	201.3	176.5	132.7	79.8	30.3	10.4	4.6	2.5			
		5.6	17.8	69.9	143.3	223.8	296.5	340.1	340.1	296.5	223.8	143.3	69.9	17.8	5.6				
30															30				
20	2.7	6.8	32.4	105.7	203.3	318.2	425.3	492.7	492.7	425.3	318.2	203.3	105.7	32.4	6.8	2.7			
		8.0	46.3	131.6	250.6	397.6	541.5	632.6	632.6	541.5	397.6	250.6	131.6	46.3	8.0				
10															10				
0	2.8	8.7	54.0	145.5	277.2	444.3	608.3	695.3	695.3	608.3	444.3	277.2	145.5	54.0	8.7	2.8			
		8.7	54.0	145.5	277.2	444.3	608.3	695.3	695.3	608.3	444.3	277.2	145.5	54.0	8.7				
-10															-10				
-20	2.7	8.0	46.3	131.6	250.6	397.6	541.5	632.6	632.6	541.5	397.6	250.6	131.6	46.3	8.0	2.7			
		6.8	32.4	105.7	203.3	318.2	425.3	492.7	492.7	425.3	318.2	203.3	105.7	32.4	6.8				
-30															-30				
-40	2.5	5.6	17.8	69.9	143.3	223.8	296.5	340.1	340.1	296.5	223.8	143.3	69.9	17.8	5.6	2.5			
		4.6	10.4	30.3	79.8	132.7	176.5	201.3	201.3	176.5	132.7	79.8	30.3	10.4	4.6				
-50															-50				
-60	1.4	3.5	7.1	12.8	24.6	47.6	71.4	85.5	85.5	71.4	47.6	24.6	12.8	7.1	3.5	1.4			
		2.2	4.2	6.7	9.8	12.8	15.7	17.7	17.7	15.7	12.8	9.8	6.7	4.2	2.2				
-70															-70				
-80	0.3	3.0		7.6		13.2		9.3		13.2		7.6		3.0		0.3			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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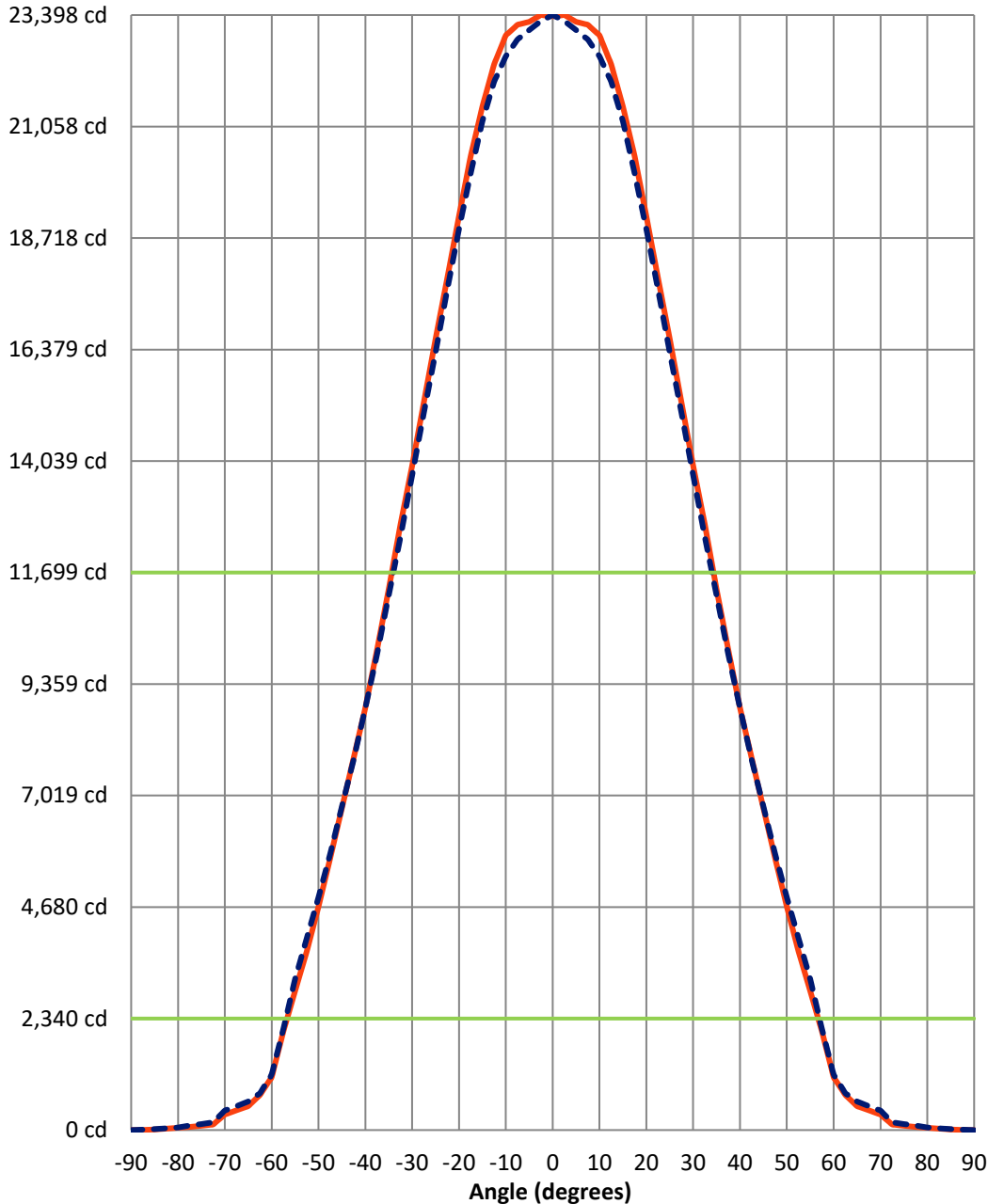
### Luminous Intensity Polar Plot



— 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: 18986.8  
 Efficiency: 60.0%

**Field:**  
 H Angle: 114°  
 V Angle: 113.4°  
 Lumens: 30250.7  
 Efficiency: 95.5%

**Spill:**  
 Lumens: 1416.5  
 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	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.7	13.3	17.0
80°	0.0	1.6	3.1	4.7	6.2	7.8	9.8	14.5	19.3	24.3	29.5
77.5°	0.0	1.9	3.9	5.8	7.8	10.7	16.6	22.7	28.9	35.3	44.0
75°	0.0	2.3	4.7	7.0	9.6	15.5	23.1	30.7	39.0	52.1	65.0
72.5°	0.0	2.7	5.4	8.1	12.7	20.1	29.5	40.5	55.8	70.9	85.8
70°	0.0	3.1	6.1	9.4	15.8	24.5	36.3	55.0	72.4	89.7	114.3
67.5°	0.0	3.4	6.9	11.2	18.7	28.8	47.4	69.3	88.8	114.7	143.7
65°	0.0	3.8	7.6	12.9	21.5	34.4	57.7	83.4	108.9	138.7	171.5
62.5°	0.0	4.2	8.3	14.6	24.1	41.2	67.4	98.7	128.2	162.2	198.2
60°	0.0	4.5	9.0	16.1	26.5	47.5	76.2	113.8	146.6	187.6	225.0
57.5°	0.0	4.8	9.9	17.6	30.2	53.1	85.0	127.5	168.9	213.0	247.4
55°	0.0	5.2	10.8	18.9	33.6	58.1	93.0	138.1	192.3	236.9	267.6
52.5°	0.0	5.5	11.6	20.1	36.5	62.6	99.8	153.7	215.5	255.6	287.9
50°	0.0	5.8	12.4	21.2	39.1	66.7	105.4	168.3	236.8	274.2	309.2
47.5°	0.0	6.1	13.2	22.3	41.2	70.0	110.7	181.1	253.3	292.6	329.4
45°	0.0	6.4	14.0	23.5	42.8	72.5	119.7	191.8	260.5	309.3	348.2
42.5°	0.0	6.6	14.7	24.4	44.0	74.2	127.1	197.8	265.2	324.8	368.9
40°	0.0	6.9	15.4	25.5	44.8	75.0	133.1	200.1	268.0	337.8	389.5
37.5°	0.0	7.1	16.1	26.8	45.2	75.0	137.6	200.8	270.8	343.5	409.3
35°	0.0	7.4	16.7	27.9	45.0	76.7	140.5	199.7	273.7	356.1	429.1
32.5°	0.0	7.6	17.3	29.0	44.4	78.8	141.2	197.1	276.4	372.1	448.8
30°	0.0	7.8	17.9	30.0	43.3	79.8	138.5	194.1	279.1	391.2	467.4
27.5°	0.0	8.0	18.4	31.0	44.4	79.8	134.7	194.7	285.9	413.1	484.9
25°	0.0	8.2	18.8	31.9	45.7	78.9	129.8	194.8	300.7	430.5	501.4
22.5°	0.0	8.3	19.3	32.7	47.0	78.9	123.9	194.4	316.4	443.7	522.6
20°	0.0	8.5	19.6	33.4	48.2	82.6	117.1	193.3	332.5	455.7	541.3
17.5°	0.0	8.6	20.0	34.0	49.3	85.8	115.8	191.5	348.7	466.4	557.8
15°	0.0	8.7	20.3	34.6	50.3	88.7	118.1	190.5	364.5	475.9	571.8
12.5°	0.0	8.8	20.5	35.0	51.2	91.0	120.2	189.3	378.5	484.0	583.5
10°	0.0	8.9	20.7	35.4	52.0	92.9	122.1	185.5	390.1	490.3	592.3
7.5°	0.0	8.9	20.9	35.7	52.7	94.4	123.6	179.6	399.4	495.3	597.4
5°	0.0	9.0	21.0	35.9	53.3	95.5	124.8	172.0	405.9	499.1	600.0
2.5°	0.0	9.0	21.1	36.1	54.1	96.3	126.3	153.4	409.1	502.3	598.6
0°	0.0	9.0	21.1	36.1	53.8	96.1	125.7	163.1	409.3	501.5	600.4
-2.5°	0.0	9.0	21.0	35.9	53.3	95.5	124.8	172.0	405.9	499.1	600.0
-5°	0.0	8.9	20.9	35.7	52.7	94.4	123.6	179.6	399.4	495.3	597.4
-7.5°	0.0	8.9	20.7	35.4	52.0	92.9	122.1	185.5	390.1	490.3	592.3
-10°	0.0	8.8	20.5	35.0	51.2	91.0	120.2	189.3	378.5	484.0	583.5
-12.5°	0.0	8.7	20.3	34.6	50.3	88.7	118.1	190.5	364.5	475.9	571.8
-15°	0.0	8.6	20.0	34.0	49.3	85.8	115.8	191.5	348.7	466.4	557.8
-17.5°	0.0	8.5	19.6	33.4	48.2	82.6	117.1	193.3	332.5	455.7	541.3
-20°	0.0	8.5	19.6	33.4	48.2	82.6	117.1	193.3	332.5	455.7	541.3



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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	8.3	19.3	32.7	47.0	78.9	123.9	194.4	316.4	443.7	522.6
-25°	0.0	8.2	18.8	31.9	45.7	78.9	129.8	194.8	300.7	430.5	501.4
-27.5°	0.0	8.0	18.4	31.0	44.4	79.8	134.7	194.7	285.9	413.1	484.9
-30°	0.0	7.8	17.9	30.0	43.3	79.8	138.5	194.1	279.1	391.2	467.4
-32.5°	0.0	7.6	17.3	29.0	44.4	78.8	141.2	197.1	276.4	372.1	448.8
-35°	0.0	7.4	16.7	27.9	45.0	76.7	140.5	199.7	273.7	356.1	429.1
-37.5°	0.0	7.1	16.1	26.8	45.2	75.0	137.6	200.8	270.8	343.5	409.3
-40°	0.0	6.9	15.4	25.5	44.8	75.0	133.1	200.1	268.0	337.8	389.5
-42.5°	0.0	6.6	14.7	24.4	44.0	74.2	127.1	197.8	265.2	324.8	368.9
-45°	0.0	6.4	14.0	23.5	42.8	72.5	119.7	191.8	260.5	309.3	348.2
-47.5°	0.0	6.1	13.2	22.3	41.2	70.0	110.7	181.1	253.3	292.6	329.4
-50°	0.0	5.8	12.4	21.2	39.1	66.7	105.4	168.3	236.8	274.2	309.2
-52.5°	0.0	5.5	11.6	20.1	36.5	62.6	99.8	153.7	215.5	255.6	287.9
-55°	0.0	5.2	10.8	18.9	33.6	58.1	93.0	138.1	192.3	236.9	267.6
-57.5°	0.0	4.8	9.9	17.6	30.2	53.1	85.0	127.5	168.9	213.0	247.4
-60°	0.0	4.5	9.0	16.1	26.5	47.5	76.2	113.8	146.6	187.6	225.0
-62.5°	0.0	4.2	8.3	14.6	24.1	41.2	67.4	98.7	128.2	162.2	198.2
-65°	0.0	3.8	7.6	12.9	21.5	34.4	57.7	83.4	108.9	138.7	171.5
-67.5°	0.0	3.4	6.9	11.2	18.7	28.8	47.4	69.3	88.8	114.7	143.7
-70°	0.0	3.1	6.1	9.4	15.8	24.5	36.3	55.0	72.4	89.7	114.3
-72.5°	0.0	2.7	5.4	8.1	12.7	20.1	29.5	40.5	55.8	70.9	85.8
-75°	0.0	2.3	4.7	7.0	9.6	15.5	23.1	30.7	39.0	52.1	65.0
-77.5°	0.0	1.9	3.9	5.8	7.8	10.7	16.6	22.7	28.9	35.3	44.0
-80°	0.0	1.6	3.1	4.7	6.2	7.8	9.8	14.5	19.3	24.3	29.5
-82.5°	0.0	1.2	2.3	3.5	4.7	5.8	7.0	8.1	9.7	13.3	17.0
-85°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.1	6.9	7.6
-87.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-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°	3.8	3.8	3.6	3.4	3.7	3.9	4.1	4.2	3.9	3.5	3.0
85°	7.6	7.5	8.5	9.1	10.1	10.7	11.0	11.0	12.3	14.1	16.1
82.5°	19.0	20.4	21.2	21.4	21.7	21.5	21.3	21.2	26.1	32.4	39.5
80°	32.0	33.4	38.4	43.9	46.7	46.6	44.2	39.4	46.7	58.3	72.4
77.5°	52.2	59.9	67.9	76.2	77.8	73.8	67.4	58.5	68.9	89.7	113.2
75°	75.9	86.3	98.2	107.0	107.1	100.7	92.3	90.5	108.1	133.2	153.9
72.5°	103.7	119.0	130.5	138.1	137.4	136.4	139.7	147.1	161.4	179.8	195.8
70°	137.4	152.7	161.2	165.1	166.6	174.9	187.4	196.7	207.0	225.1	241.8
67.5°	170.7	182.5	189.9	195.0	209.1	225.1	237.5	249.0	261.6	280.1	295.4
65°	200.4	212.4	223.0	238.6	259.1	274.2	289.1	304.4	326.4	347.1	359.6
62.5°	229.5	242.2	258.2	279.5	301.7	321.0	345.2	372.5	401.0	422.3	446.6
60°	252.0	270.2	292.8	318.1	344.5	376.0	407.1	439.1	468.3	496.7	532.5
57.5°	273.5	299.6	327.9	357.5	392.5	431.8	469.7	504.2	541.0	580.7	621.1
55°	296.9	331.1	362.5	397.9	440.7	490.5	532.7	573.5	617.6	684.3	742.6
52.5°	322.7	360.5	396.0	439.2	492.4	545.6	593.6	650.8	724.4	823.5	984.3
50°	346.9	387.6	429.1	484.9	542.4	598.5	667.9	747.6	895.1	1079.9	1403.5
47.5°	371.1	414.2	469.1	529.4	592.0	666.1	753.9	928.3	1129.4	1589.7	2048.5
45°	395.0	446.2	506.9	575.4	650.0	743.0	925.4	1140.6	1687.4	2217.0	2768.6
42.5°	418.4	478.3	547.7	620.7	718.1	886.3	1121.5	1689.7	2281.7	2889.9	3419.4
40°	445.0	508.3	588.6	681.2	810.0	1065.4	1593.2	2232.9	2900.2	3474.8	3990.0
37.5°	470.0	544.9	632.1	739.9	971.4	1397.8	2077.7	2787.3	3433.5	3994.9	4545.3
35°	492.9	580.3	684.3	845.9	1129.7	1832.3	2569.3	3291.0	3908.6	4508.1	5110.1
32.5°	519.8	614.6	734.5	986.3	1492.6	2251.8	3036.1	3723.7	4370.5	5009.7	5697.4
30°	549.5	657.1	804.3	1120.3	1852.1	2659.4	3436.4	4138.8	4809.5	5519.4	6255.8
27.5°	577.6	698.1	920.0	1380.0	2190.1	3040.0	3800.6	4523.4	5243.4	5999.3	6792.2
25°	603.0	737.1	1028.5	1664.9	2516.4	3364.7	4135.7	4871.4	5648.6	6470.2	7304.5
22.5°	630.5	775.0	1126.3	1924.3	2814.9	3653.7	4431.7	5211.6	6034.3	6905.1	7775.4
20°	660.1	856.0	1287.3	2163.9	3086.1	3916.4	4697.3	5527.7	6395.2	7297.1	8216.3
17.5°	687.1	927.7	1479.7	2391.1	3314.1	4144.7	4936.3	5814.1	6709.0	7651.8	8620.0
15°	711.4	989.8	1649.1	2592.2	3507.7	4338.7	5169.4	6068.3	6988.0	7969.9	8975.6
12.5°	732.7	1042.2	1794.8	2765.9	3671.0	4504.5	5365.4	6282.5	7236.5	8248.0	9296.0
10°	750.9	1085.0	1916.0	2911.2	3803.8	4641.4	5522.6	6461.0	7434.4	8472.0	9554.3
7.5°	762.5	1120.2	2011.8	3027.3	3906.2	4748.5	5641.2	6601.5	7579.1	8646.8	9749.7
5°	769.8	1149.0	2081.1	3113.0	3980.9	4829.3	5726.7	6702.5	7672.0	8769.4	9881.2
2.5°	773.4	1168.9	2123.3	3168.0	4027.7	4886.0	5797.4	6791.0	7769.8	8856.8	9983.0
0°	773.0	1179.1	2138.6	3191.3	4045.6	4911.8	5832.2	6836.9	7832.5	8894.2	10052.3
-2.5°	773.4	1168.9	2123.3	3168.0	4027.7	4886.0	5797.4	6791.0	7769.8	8856.8	9983.0
-5°	769.8	1149.0	2081.1	3113.0	3980.9	4829.3	5726.7	6702.5	7672.0	8769.4	9881.2
-7.5°	762.5	1120.2	2011.8	3027.3	3906.2	4748.5	5641.2	6601.5	7579.1	8646.8	9749.7
-10°	750.9	1085.0	1916.0	2911.2	3803.8	4641.4	5522.6	6461.0	7434.4	8472.0	9554.3
-12.5°	732.7	1042.2	1794.8	2765.9	3671.0	4504.5	5365.4	6282.5	7236.5	8248.0	9296.0
-15°	711.4	989.8	1649.1	2592.2	3507.7	4338.7	5169.4	6068.3	6988.0	7969.9	8975.6
-17.5°	687.1	927.7	1479.7	2391.1	3314.1	4144.7	4936.3	5814.1	6709.0	7651.8	8620.0
-20°	660.1	856.0	1287.3	2163.9	3086.1	3916.4	4697.3	5527.7	6395.2	7297.1	8216.3



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-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°	630.5	775.0	1126.3	1924.3	2814.9	3653.7	4431.7	5211.6	6034.3	6905.1	7775.4
-25°	603.0	737.1	1028.5	1664.9	2516.4	3364.7	4135.7	4871.4	5648.6	6470.2	7304.5
-27.5°	577.6	698.1	920.0	1380.0	2190.1	3040.0	3800.6	4523.4	5243.4	5999.3	6792.2
-30°	549.5	657.1	804.3	1120.3	1852.1	2659.4	3436.4	4138.8	4809.5	5519.4	6255.8
-32.5°	519.8	614.6	734.5	986.3	1492.6	2251.8	3036.1	3723.7	4370.5	5009.7	5697.4
-35°	492.9	580.3	684.3	845.9	1129.7	1832.3	2569.3	3291.0	3908.6	4508.1	5110.1
-37.5°	470.0	544.9	632.1	739.9	971.4	1397.8	2077.7	2787.3	3433.5	3994.9	4545.3
-40°	445.0	508.3	588.6	681.2	810.0	1065.4	1593.2	2232.9	2900.2	3474.8	3990.0
-42.5°	418.4	478.3	547.7	620.7	718.1	886.3	1121.5	1689.7	2281.7	2889.9	3419.4
-45°	395.0	446.2	506.9	575.4	650.0	743.0	925.4	1140.6	1687.4	2217.0	2768.6
-47.5°	371.1	414.2	469.1	529.4	592.0	666.1	753.9	928.3	1129.4	1589.7	2048.5
-50°	346.9	387.6	429.1	484.9	542.4	598.5	667.9	747.6	895.1	1079.9	1403.5
-52.5°	322.7	360.5	396.0	439.2	492.4	545.6	593.6	650.8	724.4	823.5	984.3
-55°	296.9	331.1	362.5	397.9	440.7	490.5	532.7	573.5	617.6	684.3	742.6
-57.5°	273.5	299.6	327.9	357.5	392.5	431.8	469.7	504.2	541.0	580.7	621.1
-60°	252.0	270.2	292.8	318.1	344.5	376.0	407.1	439.1	468.3	496.7	532.5
-62.5°	229.5	242.2	258.2	279.5	301.7	321.0	345.2	372.5	401.0	422.3	446.6
-65°	200.4	212.4	223.0	238.6	259.1	274.2	289.1	304.4	326.4	347.1	359.6
-67.5°	170.7	182.5	189.9	195.0	209.1	225.1	237.5	249.0	261.6	280.1	295.4
-70°	137.4	152.7	161.2	165.1	166.6	174.9	187.4	196.7	207.0	225.1	241.8
-72.5°	103.7	119.0	130.5	138.1	137.4	136.4	139.7	147.1	161.4	179.8	195.8
-75°	75.9	86.3	98.2	107.0	107.1	100.7	92.3	90.5	108.1	133.2	153.9
-77.5°	52.2	59.9	67.9	76.2	77.8	73.8	67.4	58.5	68.9	89.7	113.2
-80°	32.0	33.4	38.4	43.9	46.7	46.6	44.2	39.4	46.7	58.3	72.4
-82.5°	19.0	20.4	21.2	21.4	21.7	21.5	21.3	21.2	26.1	32.4	39.5
-85°	7.6	7.5	8.5	9.1	10.1	10.7	11.0	11.0	12.3	14.1	16.1
-87.5°	3.8	3.8	3.6	3.4	3.7	3.9	4.1	4.2	3.9	3.5	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-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°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
85°	18.3	18.0	17.4	16.4	15.2	15.7	16.2	16.6	17.0	15.9	14.7
82.5°	47.2	50.7	53.9	57.5	61.2	60.6	58.9	56.4	53.3	47.5	41.1
80°	88.4	96.7	102.2	106.6	110.1	106.7	101.6	95.6	89.0	79.0	68.2
77.5°	137.3	145.6	149.9	155.1	160.8	162.0	162.3	162.8	163.5	145.1	121.6
75°	170.5	181.4	190.5	198.5	205.5	209.1	211.4	213.7	215.8	191.3	159.3
72.5°	209.5	220.2	228.8	237.5	245.1	251.0	255.6	259.3	262.2	242.4	214.4
70°	255.2	265.8	275.7	284.7	293.5	301.4	308.6	315.2	321.3	322.4	323.9
67.5°	306.7	313.1	324.9	336.2	349.7	359.6	370.6	380.9	390.4	398.5	405.2
65°	370.6	393.4	416.3	427.6	428.5	442.9	465.3	477.8	481.5	484.3	491.4
62.5°	477.8	507.1	522.5	542.6	570.3	600.5	612.0	628.6	648.8	671.7	692.4
60°	562.9	587.8	625.0	662.9	696.6	727.2	801.3	867.1	923.6	972.1	1018.9
57.5°	668.6	709.7	766.6	869.2	963.0	1047.7	1192.7	1369.7	1527.4	1665.4	1786.7
55°	837.0	956.9	1064.8	1306.9	1565.5	1789.3	1998.9	2223.0	2405.4	2548.1	2680.0
52.5°	1124.2	1453.9	1788.0	2102.2	2411.3	2692.6	2945.0	3143.6	3298.7	3415.1	3525.3
50°	1799.7	2197.0	2604.1	2979.0	3282.5	3559.8	3822.5	4019.6	4184.4	4326.4	4452.0
47.5°	2536.3	3001.4	3386.0	3731.7	4058.9	4366.5	4653.9	4893.7	5096.8	5284.1	5440.1
45°	3269.2	3685.2	4079.6	4450.4	4806.3	5151.3	5460.4	5733.2	6001.9	6224.0	6399.7
42.5°	3889.0	4329.3	4748.8	5173.2	5571.2	5958.1	6331.6	6663.3	6948.8	7191.5	7386.7
40°	4483.7	4958.5	5456.8	5928.0	6400.6	6842.1	7255.8	7634.6	7959.7	8247.1	8490.2
37.5°	5089.1	5643.5	6190.9	6727.9	7248.7	7728.8	8203.7	8640.6	9021.6	9357.8	9640.2
35°	5728.0	6339.0	6934.8	7539.8	8108.5	8664.1	9189.0	9670.0	10091.9	10488.0	10828.4
32.5°	6368.1	7030.2	7700.9	8355.6	8985.6	9607.8	10183.5	10725.8	11224.5	11662.9	12026.3
30°	6991.4	7720.2	8437.9	9151.2	9870.2	10548.1	11185.8	11781.3	12322.5	12800.0	13213.0
27.5°	7589.3	8372.8	9142.6	9958.4	10739.7	11477.3	12170.0	12810.3	13414.4	13957.4	14426.1
25°	8142.7	8975.0	9872.2	10727.8	11563.9	12381.8	13140.9	13836.3	14527.0	15124.4	15633.4
22.5°	8665.4	9594.3	10538.9	11436.2	12358.7	13258.1	14107.8	14913.8	15651.4	16277.5	16820.2
20°	9162.6	10162.1	11135.4	12129.0	13127.9	14098.2	15033.8	15895.2	16674.6	17356.8	17968.8
17.5°	9632.2	10666.4	11700.8	12761.7	13840.5	14860.5	15851.9	16788.9	17639.8	18396.7	19086.7
15°	10038.3	11107.0	12214.6	13342.2	14470.5	15555.1	16607.2	17628.0	18585.3	19409.2	20105.0
12.5°	10383.5	11496.8	12668.5	13851.4	15040.9	16177.9	17293.0	18385.2	19402.8	20288.6	21003.0
10°	10669.8	11836.3	13060.1	14292.3	15512.2	16693.6	17853.3	18983.5	20076.5	20994.6	21728.4
7.5°	10908.4	12119.6	13371.7	14641.1	15872.0	17098.9	18308.4	19450.1	20526.9	21495.0	22249.1
5°	11086.6	12318.1	13596.6	14897.7	16147.4	17418.1	18663.5	19831.9	20898.0	21775.3	22390.9
2.5°	11219.3	12441.7	13742.6	15052.4	16318.7	17635.1	18907.1	20076.8	21167.9	21998.2	22531.3
0°	11309.5	12509.7	13875.2	15159.6	16447.0	17797.5	19054.8	20236.9	21331.7	22143.8	22694.3
-2.5°	11219.3	12441.7	13742.6	15052.4	16318.7	17635.1	18907.1	20076.8	21167.9	21998.2	22531.3
-5°	11086.6	12318.1	13596.6	14897.7	16147.4	17418.1	18663.5	19831.9	20898.0	21775.3	22390.9
-7.5°	10908.4	12119.6	13371.7	14641.1	15872.0	17098.9	18308.4	19450.1	20526.9	21495.0	22249.1
-10°	10669.8	11836.3	13060.1	14292.3	15512.2	16693.6	17853.3	18983.5	20076.5	20994.6	21728.4
-12.5°	10383.5	11496.8	12668.5	13851.4	15040.9	16177.9	17293.0	18385.2	19402.8	20288.6	21003.0
-15°	10038.3	11107.0	12214.6	13342.2	14470.5	15555.1	16607.2	17628.0	18585.3	19409.2	20105.0
-17.5°	9632.2	10666.4	11700.8	12761.7	13840.5	14860.5	15851.9	16788.9	17639.8	18396.7	19086.7
-20°	9162.6	10162.1	11135.4	12129.0	13127.9	14098.2	15033.8	15895.2	16674.6	17356.8	17968.8



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8665.4	9594.3	10538.9	11436.2	12358.7	13258.1	14107.8	14913.8	15651.4	16277.5	16820.2
-25°	8142.7	8975.0	9872.2	10727.8	11563.9	12381.8	13140.9	13836.3	14527.0	15124.4	15633.4
-27.5°	7589.3	8372.8	9142.6	9958.4	10739.7	11477.3	12170.0	12810.3	13414.4	13957.4	14426.1
-30°	6991.4	7720.2	8437.9	9151.2	9870.2	10548.1	11185.8	11781.3	12322.5	12800.0	13213.0
-32.5°	6368.1	7030.2	7700.9	8355.6	8985.6	9607.8	10183.5	10725.8	11224.5	11662.9	12026.3
-35°	5728.0	6339.0	6934.8	7539.8	8108.5	8664.1	9189.0	9670.0	10091.9	10488.0	10828.4
-37.5°	5089.1	5643.5	6190.9	6727.9	7248.7	7728.8	8203.7	8640.6	9021.6	9357.8	9640.2
-40°	4483.7	4958.5	5456.8	5928.0	6400.6	6842.1	7255.8	7634.6	7959.7	8247.1	8490.2
-42.5°	3889.0	4329.3	4748.8	5173.2	5571.2	5958.1	6331.6	6663.3	6948.8	7191.5	7386.7
-45°	3269.2	3685.2	4079.6	4450.4	4806.3	5151.3	5460.4	5733.2	6001.9	6224.0	6399.7
-47.5°	2536.3	3001.4	3386.0	3731.7	4058.9	4366.5	4653.9	4893.7	5096.8	5284.1	5440.1
-50°	1799.7	2197.0	2604.1	2979.0	3282.5	3559.8	3822.5	4019.6	4184.4	4326.4	4452.0
-52.5°	1124.2	1453.9	1788.0	2102.2	2411.3	2692.6	2945.0	3143.6	3298.7	3415.1	3525.3
-55°	837.0	956.9	1064.8	1306.9	1565.5	1789.3	1998.9	2223.0	2405.4	2548.1	2680.0
-57.5°	668.6	709.7	766.6	869.2	963.0	1047.7	1192.7	1369.7	1527.4	1665.4	1786.7
-60°	562.9	587.8	625.0	662.9	696.6	727.2	801.3	867.1	923.6	972.1	1018.9
-62.5°	477.8	507.1	522.5	542.6	570.3	600.5	612.0	628.6	648.8	671.7	692.4
-65°	370.6	393.4	416.3	427.6	428.5	442.9	465.3	477.8	481.5	484.3	491.4
-67.5°	306.7	313.1	324.9	336.2	349.7	359.6	370.6	380.9	390.4	398.5	405.2
-70°	255.2	265.8	275.7	284.7	293.5	301.4	308.6	315.2	321.3	322.4	323.9
-72.5°	209.5	220.2	228.8	237.5	245.1	251.0	255.6	259.3	262.2	242.4	214.4
-75°	170.5	181.4	190.5	198.5	205.5	209.1	211.4	213.7	215.8	191.3	159.3
-77.5°	137.3	145.6	149.9	155.1	160.8	162.0	162.3	162.8	163.5	145.1	121.6
-80°	88.4	96.7	102.2	106.6	110.1	106.7	101.6	95.6	89.0	79.0	68.2
-82.5°	47.2	50.7	53.9	57.5	61.2	60.6	58.9	56.4	53.3	47.5	41.1
-85°	18.3	18.0	17.4	16.4	15.2	15.7	16.2	16.6	17.0	15.9	14.7
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
85°	13.3	11.9	12.0	12.0	12.0	11.9	13.3	14.7	15.9	17.0	16.6
82.5°	34.2	27.1	28.5	30.1	28.5	27.1	34.2	41.1	47.5	53.3	56.4
80°	56.9	45.2	46.5	48.1	46.5	45.2	56.9	68.2	79.0	89.0	95.6
77.5°	96.5	70.0	67.6	66.2	67.6	70.0	96.5	121.6	145.1	163.5	162.8
75°	126.1	92.1	90.1	90.2	90.1	92.1	126.1	159.3	191.3	215.8	213.7
72.5°	186.2	157.4	137.5	117.3	137.5	157.4	186.2	214.4	242.4	262.2	259.3
70°	327.3	331.4	329.7	324.8	329.7	331.4	327.3	323.9	322.4	321.3	315.2
67.5°	410.7	415.1	416.0	415.1	416.0	415.1	410.7	405.2	398.5	390.4	380.9
65°	496.3	499.2	501.4	502.3	501.4	499.2	496.3	491.4	484.3	481.5	477.8
62.5°	707.9	718.2	729.2	736.9	729.2	718.2	707.9	692.4	671.7	648.8	628.6
60°	1059.8	1093.6	1108.6	1109.9	1108.6	1093.6	1059.8	1018.9	972.1	923.6	867.1
57.5°	1883.7	1956.3	2020.9	2069.4	2020.9	1956.3	1883.7	1786.7	1665.4	1527.4	1369.7
55°	2785.1	2862.3	2905.9	2917.6	2905.9	2862.3	2785.1	2680.0	2548.1	2405.4	2223.0
52.5°	3608.9	3660.3	3709.0	3750.8	3709.0	3660.3	3608.9	3525.3	3415.1	3298.7	3143.6
50°	4546.9	4604.1	4652.3	4689.2	4652.3	4604.1	4546.9	4452.0	4326.4	4184.4	4019.6
47.5°	5549.5	5619.5	5671.2	5705.9	5671.2	5619.5	5549.5	5440.1	5284.1	5096.8	4893.7
45°	6550.0	6670.0	6742.8	6755.6	6742.8	6670.0	6550.0	6399.7	6224.0	6001.9	5733.2
42.5°	7555.6	7670.5	7748.1	7805.4	7748.1	7670.5	7555.6	7386.7	7191.5	6948.8	6663.3
40°	8692.9	8837.3	8903.4	8861.1	8903.4	8837.3	8692.9	8490.2	8247.1	7959.7	7634.6
37.5°	9857.9	10006.3	10082.8	10079.3	10082.8	10006.3	9857.9	9640.2	9357.8	9021.6	8640.6
35°	11093.1	11277.1	11376.7	11351.6	11376.7	11277.1	11093.1	10828.4	10488.0	10091.9	9670.0
32.5°	12316.7	12539.1	12682.8	12705.2	12682.8	12539.1	12316.7	12026.3	11662.9	11224.5	10725.8
30°	13544.1	13784.6	13927.5	13941.4	13927.5	13784.6	13544.1	13213.0	12800.0	12322.5	11781.3
27.5°	14819.5	15088.5	15238.1	15273.9	15238.1	15088.5	14819.5	14426.1	13957.4	13414.4	12810.3
25°	16067.4	16366.0	16537.5	16603.4	16537.5	16366.0	16067.4	15633.4	15124.4	14527.0	13836.3
22.5°	17270.6	17598.1	17821.7	17878.7	17821.7	17598.1	17270.6	16820.2	16277.5	15651.4	14913.8
20°	18477.5	18863.9	19149.9	19178.1	19149.9	18863.9	18477.5	17968.8	17356.8	16674.6	15895.2
17.5°	19639.4	20057.6	20363.7	20438.4	20363.7	20057.6	19639.4	19086.7	18396.7	17639.8	16788.9
15°	20679.7	21118.5	21414.1	21479.1	21414.1	21118.5	20679.7	20105.0	19409.2	18585.3	17628.0
12.5°	21577.4	21981.9	22257.8	22363.4	22257.8	21981.9	21577.4	21003.0	20288.6	19402.8	18385.2
10°	22300.6	22613.1	22859.7	22971.0	22859.7	22613.1	22300.6	21728.4	20994.6	20076.5	18983.5
7.5°	22704.3	22961.3	23132.2	23193.6	23132.2	22961.3	22704.3	22249.1	21495.0	20526.9	19450.1
5°	22863.8	23110.2	23202.8	23256.7	23202.8	23110.2	22863.8	22390.9	21775.3	20898.0	19831.9
2.5°	22885.6	23082.9	23273.0	23398.1	23273.0	23082.9	22885.6	22531.3	21998.2	21167.9	20076.8
0°	23013.1	23205.6	23310.9	23371.0	23310.9	23205.6	23013.1	22694.3	22143.8	21331.7	20236.9
-2.5°	22885.6	23082.9	23273.0	23398.1	23273.0	23082.9	22885.6	22531.3	21998.2	21167.9	20076.8
-5°	22863.8	23110.2	23202.8	23256.7	23202.8	23110.2	22863.8	22390.9	21775.3	20898.0	19831.9
-7.5°	22704.3	22961.3	23132.2	23193.6	23132.2	22961.3	22704.3	22249.1	21495.0	20526.9	19450.1
-10°	22300.6	22613.1	22859.7	22971.0	22859.7	22613.1	22300.6	21728.4	20994.6	20076.5	18983.5
-12.5°	21577.4	21981.9	22257.8	22363.4	22257.8	21981.9	21577.4	21003.0	20288.6	19402.8	18385.2
-15°	20679.7	21118.5	21414.1	21479.1	21414.1	21118.5	20679.7	20105.0	19409.2	18585.3	17628.0
-17.5°	19639.4	20057.6	20363.7	20438.4	20363.7	20057.6	19639.4	19086.7	18396.7	17639.8	16788.9
-20°	18477.5	18863.9	19149.9	19178.1	19149.9	18863.9	18477.5	17968.8	17356.8	16674.6	15895.2



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-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°	17270.6	17598.1	17821.7	17878.7	17821.7	17598.1	17270.6	16820.2	16277.5	15651.4	14913.8
-25°	16067.4	16366.0	16537.5	16603.4	16537.5	16366.0	16067.4	15633.4	15124.4	14527.0	13836.3
-27.5°	14819.5	15088.5	15238.1	15273.9	15238.1	15088.5	14819.5	14426.1	13957.4	13414.4	12810.3
-30°	13544.1	13784.6	13927.5	13941.4	13927.5	13784.6	13544.1	13213.0	12800.0	12322.5	11781.3
-32.5°	12316.7	12539.1	12682.8	12705.2	12682.8	12539.1	12316.7	12026.3	11662.9	11224.5	10725.8
-35°	11093.1	11277.1	11376.7	11351.6	11376.7	11277.1	11093.1	10828.4	10488.0	10091.9	9670.0
-37.5°	9857.9	10006.3	10082.8	10079.3	10082.8	10006.3	9857.9	9640.2	9357.8	9021.6	8640.6
-40°	8692.9	8837.3	8903.4	8861.1	8903.4	8837.3	8692.9	8490.2	8247.1	7959.7	7634.6
-42.5°	7555.6	7670.5	7748.1	7805.4	7748.1	7670.5	7555.6	7386.7	7191.5	6948.8	6663.3
-45°	6550.0	6670.0	6742.8	6755.6	6742.8	6670.0	6550.0	6399.7	6224.0	6001.9	5733.2
-47.5°	5549.5	5619.5	5671.2	5705.9	5671.2	5619.5	5549.5	5440.1	5284.1	5096.8	4893.7
-50°	4546.9	4604.1	4652.3	4689.2	4652.3	4604.1	4546.9	4452.0	4326.4	4184.4	4019.6
-52.5°	3608.9	3660.3	3709.0	3750.8	3709.0	3660.3	3608.9	3525.3	3415.1	3298.7	3143.6
-55°	2785.1	2862.3	2905.9	2917.6	2905.9	2862.3	2785.1	2680.0	2548.1	2405.4	2223.0
-57.5°	1883.7	1956.3	2020.9	2069.4	2020.9	1956.3	1883.7	1786.7	1665.4	1527.4	1369.7
-60°	1059.8	1093.6	1108.6	1109.9	1108.6	1093.6	1059.8	1018.9	972.1	923.6	867.1
-62.5°	707.9	718.2	729.2	736.9	729.2	718.2	707.9	692.4	671.7	648.8	628.6
-65°	496.3	499.2	501.4	502.3	501.4	499.2	496.3	491.4	484.3	481.5	477.8
-67.5°	410.7	415.1	416.0	415.1	416.0	415.1	410.7	405.2	398.5	390.4	380.9
-70°	327.3	331.4	329.7	324.8	329.7	331.4	327.3	323.9	322.4	321.3	315.2
-72.5°	186.2	157.4	137.5	117.3	137.5	157.4	186.2	214.4	242.4	262.2	259.3
-75°	126.1	92.1	90.1	90.2	90.1	92.1	126.1	159.3	191.3	215.8	213.7
-77.5°	96.5	70.0	67.6	66.2	67.6	70.0	96.5	121.6	145.1	163.5	162.8
-80°	56.9	45.2	46.5	48.1	46.5	45.2	56.9	68.2	79.0	89.0	95.6
-82.5°	34.2	27.1	28.5	30.1	28.5	27.1	34.2	41.1	47.5	53.3	56.4
-85°	13.3	11.9	12.0	12.0	12.0	11.9	13.3	14.7	15.9	17.0	16.6
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-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):**

	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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	3.0	3.5	3.9	4.2
85°	16.2	15.7	15.2	16.4	17.4	18.0	18.3	16.1	14.1	12.3	11.0
82.5°	58.9	60.6	61.2	57.5	53.9	50.7	47.2	39.5	32.4	26.1	21.2
80°	101.6	106.7	110.1	106.6	102.2	96.7	88.4	72.4	58.3	46.7	39.4
77.5°	162.3	162.0	160.8	155.1	149.9	145.6	137.3	113.2	89.7	68.9	58.5
75°	211.4	209.1	205.5	198.5	190.5	181.4	170.5	153.9	133.2	108.1	90.5
72.5°	255.6	251.0	245.1	237.5	228.8	220.2	209.5	195.8	179.8	161.4	147.1
70°	308.6	301.4	293.5	284.7	275.7	265.8	255.2	241.8	225.1	207.0	196.7
67.5°	370.6	359.6	349.7	336.2	324.9	313.1	306.7	295.4	280.1	261.6	249.0
65°	465.3	442.9	428.5	427.6	416.3	393.4	370.6	359.6	347.1	326.4	304.4
62.5°	612.0	600.5	570.3	542.6	522.5	507.1	477.8	446.6	422.3	401.0	372.5
60°	801.3	727.2	696.6	662.9	625.0	587.8	562.9	532.5	496.7	468.3	439.1
57.5°	1192.7	1047.7	963.0	869.2	766.6	709.7	668.6	621.1	580.7	541.0	504.2
55°	1998.9	1789.3	1565.5	1306.9	1064.8	956.9	837.0	742.6	684.3	617.6	573.5
52.5°	2945.0	2692.6	2411.3	2102.2	1788.0	1453.9	1124.2	984.3	823.5	724.4	650.8
50°	3822.5	3559.8	3282.5	2979.0	2604.1	2197.0	1799.7	1403.5	1079.9	895.1	747.6
47.5°	4653.9	4366.5	4058.9	3731.7	3386.0	3001.4	2536.3	2048.5	1589.7	1129.4	928.3
45°	5460.4	5151.3	4806.3	4450.4	4079.6	3685.2	3269.2	2768.6	2217.0	1687.4	1140.6
42.5°	6331.6	5958.1	5571.2	5173.2	4748.8	4329.3	3889.0	3419.4	2889.9	2281.7	1689.7
40°	7255.8	6842.1	6400.6	5928.0	5456.8	4958.5	4483.7	3990.0	3474.8	2900.2	2232.9
37.5°	8203.7	7728.8	7248.7	6727.9	6190.9	5643.5	5089.1	4545.3	3994.9	3433.5	2787.3
35°	9189.0	8664.1	8108.5	7539.8	6934.8	6339.0	5728.0	5110.1	4508.1	3908.6	3291.0
32.5°	10183.5	9607.8	8985.6	8355.6	7700.9	7030.2	6368.1	5697.4	5009.7	4370.5	3723.7
30°	11185.8	10548.1	9870.2	9151.2	8437.9	7720.2	6991.4	6255.8	5519.4	4809.5	4138.8
27.5°	12170.0	11477.3	10739.7	9958.4	9142.6	8372.8	7589.3	6792.2	5999.3	5243.4	4523.4
25°	13140.9	12381.8	11563.9	10727.8	9872.2	8975.0	8142.7	7304.5	6470.2	5648.6	4871.4
22.5°	14107.8	13258.1	12358.7	11436.2	10538.9	9594.3	8665.4	7775.4	6905.1	6034.3	5211.6
20°	15033.8	14098.2	13127.9	12129.0	11135.4	10162.1	9162.6	8216.3	7297.1	6395.2	5527.7
17.5°	15851.9	14860.5	13840.5	12761.7	11700.8	10666.4	9632.2	8620.0	7651.8	6709.0	5814.1
15°	16607.2	15555.1	14470.5	13342.2	12214.6	11107.0	10038.3	8975.6	7969.9	6988.0	6068.3
12.5°	17293.0	16177.9	15040.9	13851.4	12668.5	11496.8	10383.5	9296.0	8248.0	7236.5	6282.5
10°	17853.3	16693.6	15512.2	14292.3	13060.1	11836.3	10669.8	9554.3	8472.0	7434.4	6461.0
7.5°	18308.4	17098.9	15872.0	14641.1	13371.7	12119.6	10908.4	9749.7	8646.8	7579.1	6601.5
5°	18663.5	17418.1	16147.4	14897.7	13596.6	12318.1	11086.6	9881.2	8769.4	7672.0	6702.5
2.5°	18907.1	17635.1	16318.7	15052.4	13742.6	12441.7	11219.3	9983.0	8856.8	7769.8	6791.0
0°	19054.8	17797.5	16447.0	15159.6	13875.2	12509.7	11309.5	10052.3	8894.2	7832.5	6836.9
-2.5°	18907.1	17635.1	16318.7	15052.4	13742.6	12441.7	11219.3	9983.0	8856.8	7769.8	6791.0
-5°	18663.5	17418.1	16147.4	14897.7	13596.6	12318.1	11086.6	9881.2	8769.4	7672.0	6702.5
-7.5°	18308.4	17098.9	15872.0	14641.1	13371.7	12119.6	10908.4	9749.7	8646.8	7579.1	6601.5
-10°	17853.3	16693.6	15512.2	14292.3	13060.1	11836.3	10669.8	9554.3	8472.0	7434.4	6461.0
-12.5°	17293.0	16177.9	15040.9	13851.4	12668.5	11496.8	10383.5	9296.0	8248.0	7236.5	6282.5
-15°	16607.2	15555.1	14470.5	13342.2	12214.6	11107.0	10038.3	8975.6	7969.9	6988.0	6068.3
-17.5°	15851.9	14860.5	13840.5	12761.7	11700.8	10666.4	9632.2	8620.0	7651.8	6709.0	5814.1
-20°	15033.8	14098.2	13127.9	12129.0	11135.4	10162.1	9162.6	8216.3	7297.1	6395.2	5527.7



REPORT NUMBER: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14107.8	13258.1	12358.7	11436.2	10538.9	9594.3	8665.4	7775.4	6905.1	6034.3	5211.6
-25°	13140.9	12381.8	11563.9	10727.8	9872.2	8975.0	8142.7	7304.5	6470.2	5648.6	4871.4
-27.5°	12170.0	11477.3	10739.7	9958.4	9142.6	8372.8	7589.3	6792.2	5999.3	5243.4	4523.4
-30°	11185.8	10548.1	9870.2	9151.2	8437.9	7720.2	6991.4	6255.8	5519.4	4809.5	4138.8
-32.5°	10183.5	9607.8	8985.6	8355.6	7700.9	7030.2	6368.1	5697.4	5009.7	4370.5	3723.7
-35°	9189.0	8664.1	8108.5	7539.8	6934.8	6339.0	5728.0	5110.1	4508.1	3908.6	3291.0
-37.5°	8203.7	7728.8	7248.7	6727.9	6190.9	5643.5	5089.1	4545.3	3994.9	3433.5	2787.3
-40°	7255.8	6842.1	6400.6	5928.0	5456.8	4958.5	4483.7	3990.0	3474.8	2900.2	2232.9
-42.5°	6331.6	5958.1	5571.2	5173.2	4748.8	4329.3	3889.0	3419.4	2889.9	2281.7	1689.7
-45°	5460.4	5151.3	4806.3	4450.4	4079.6	3685.2	3269.2	2768.6	2217.0	1687.4	1140.6
-47.5°	4653.9	4366.5	4058.9	3731.7	3386.0	3001.4	2536.3	2048.5	1589.7	1129.4	928.3
-50°	3822.5	3559.8	3282.5	2979.0	2604.1	2197.0	1799.7	1403.5	1079.9	895.1	747.6
-52.5°	2945.0	2692.6	2411.3	2102.2	1788.0	1453.9	1124.2	984.3	823.5	724.4	650.8
-55°	1998.9	1789.3	1565.5	1306.9	1064.8	956.9	837.0	742.6	684.3	617.6	573.5
-57.5°	1192.7	1047.7	963.0	869.2	766.6	709.7	668.6	621.1	580.7	541.0	504.2
-60°	801.3	727.2	696.6	662.9	625.0	587.8	562.9	532.5	496.7	468.3	439.1
-62.5°	612.0	600.5	570.3	542.6	522.5	507.1	477.8	446.6	422.3	401.0	372.5
-65°	465.3	442.9	428.5	427.6	416.3	393.4	370.6	359.6	347.1	326.4	304.4
-67.5°	370.6	359.6	349.7	336.2	324.9	313.1	306.7	295.4	280.1	261.6	249.0
-70°	308.6	301.4	293.5	284.7	275.7	265.8	255.2	241.8	225.1	207.0	196.7
-72.5°	255.6	251.0	245.1	237.5	228.8	220.2	209.5	195.8	179.8	161.4	147.1
-75°	211.4	209.1	205.5	198.5	190.5	181.4	170.5	153.9	133.2	108.1	90.5
-77.5°	162.3	162.0	160.8	155.1	149.9	145.6	137.3	113.2	89.7	68.9	58.5
-80°	101.6	106.7	110.1	106.6	102.2	96.7	88.4	72.4	58.3	46.7	39.4
-82.5°	58.9	60.6	61.2	57.5	53.9	50.7	47.2	39.5	32.4	26.1	21.2
-85°	16.2	15.7	15.2	16.4	17.4	18.0	18.3	16.1	14.1	12.3	11.0
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	3.0	3.5	3.9	4.2
-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: P559243 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-930-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°	4.1	3.9	3.7	3.4	3.6	3.8	3.8	3.8	3.4	3.1	2.7
85°	11.0	10.7	10.1	9.1	8.5	7.5	7.6	7.6	6.9	6.1	5.4
82.5°	21.3	21.5	21.7	21.4	21.2	20.4	19.0	17.0	13.3	9.7	8.1
80°	44.2	46.6	46.7	43.9	38.4	33.4	32.0	29.5	24.3	19.3	14.5
77.5°	67.4	73.8	77.8	76.2	67.9	59.9	52.2	44.0	35.3	28.9	22.7
75°	92.3	100.7	107.1	107.0	98.2	86.3	75.9	65.0	52.1	39.0	30.7
72.5°	139.7	136.4	137.4	138.1	130.5	119.0	103.7	85.8	70.9	55.8	40.5
70°	187.4	174.9	166.6	165.1	161.2	152.7	137.4	114.3	89.7	72.4	55.0
67.5°	237.5	225.1	209.1	195.0	189.9	182.5	170.7	143.7	114.7	88.8	69.3
65°	289.1	274.2	259.1	238.6	223.0	212.4	200.4	171.5	138.7	108.9	83.4
62.5°	345.2	321.0	301.7	279.5	258.2	242.2	229.5	198.2	162.2	128.2	98.7
60°	407.1	376.0	344.5	318.1	292.8	270.2	252.0	225.0	187.6	146.6	113.8
57.5°	469.7	431.8	392.5	357.5	327.9	299.6	273.5	247.4	213.0	168.9	127.5
55°	532.7	490.5	440.7	397.9	362.5	331.1	296.9	267.6	236.9	192.3	138.1
52.5°	593.6	545.6	492.4	439.2	396.0	360.5	322.7	287.9	255.6	215.5	153.7
50°	667.9	598.5	542.4	484.9	429.1	387.6	346.9	309.2	274.2	236.8	168.3
47.5°	753.9	666.1	592.0	529.4	469.1	414.2	371.1	329.4	292.6	253.3	181.1
45°	925.4	743.0	650.0	575.4	506.9	446.2	395.0	348.2	309.3	260.5	191.8
42.5°	1121.5	886.3	718.1	620.7	547.7	478.3	418.4	368.9	324.8	265.2	197.8
40°	1593.2	1065.4	810.0	681.2	588.6	508.3	445.0	389.5	337.8	268.0	200.1
37.5°	2077.7	1397.8	971.4	739.9	632.1	544.9	470.0	409.3	343.5	270.8	200.8
35°	2569.3	1832.3	1129.7	845.9	684.3	580.3	492.9	429.1	356.1	273.7	199.7
32.5°	3036.1	2251.8	1492.6	986.3	734.5	614.6	519.8	448.8	372.1	276.4	197.1
30°	3436.4	2659.4	1852.1	1120.3	804.3	657.1	549.5	467.4	391.2	279.1	194.1
27.5°	3800.6	3040.0	2190.1	1380.0	920.0	698.1	577.6	484.9	413.1	285.9	194.7
25°	4135.7	3364.7	2516.4	1664.9	1028.5	737.1	603.0	501.4	430.5	300.7	194.8
22.5°	4431.7	3653.7	2814.9	1924.3	1126.3	775.0	630.5	522.6	443.7	316.4	194.4
20°	4697.3	3916.4	3086.1	2163.9	1287.3	856.0	660.1	541.3	455.7	332.5	193.3
17.5°	4936.3	4144.7	3314.1	2391.1	1479.7	927.7	687.1	557.8	466.4	348.7	191.5
15°	5169.4	4338.7	3507.7	2592.2	1649.1	989.8	711.4	571.8	475.9	364.5	190.5
12.5°	5365.4	4504.5	3671.0	2765.9	1794.8	1042.2	732.7	583.5	484.0	378.5	189.3
10°	5522.6	4641.4	3803.8	2911.2	1916.0	1085.0	750.9	592.3	490.3	390.1	185.5
7.5°	5641.2	4748.5	3906.2	3027.3	2011.8	1120.2	762.5	597.4	495.3	399.4	179.6
5°	5726.7	4829.3	3980.9	3113.0	2081.1	1149.0	769.8	600.0	499.1	405.9	172.0
2.5°	5797.4	4886.0	4027.7	3168.0	2123.3	1168.9	773.4	600.4	501.5	409.3	163.1
0°	5832.2	4911.8	4045.6	3191.3	2138.6	1179.1	773.0	598.6	502.3	409.1	153.4
-2.5°	5797.4	4886.0	4027.7	3168.0	2123.3	1168.9	773.4	600.4	501.5	409.3	163.1
-5°	5726.7	4829.3	3980.9	3113.0	2081.1	1149.0	769.8	600.0	499.1	405.9	172.0
-7.5°	5641.2	4748.5	3906.2	3027.3	2011.8	1120.2	762.5	597.4	495.3	399.4	179.6
-10°	5522.6	4641.4	3803.8	2911.2	1916.0	1085.0	750.9	592.3	490.3	390.1	185.5
-12.5°	5365.4	4504.5	3671.0	2765.9	1794.8	1042.2	732.7	583.5	484.0	378.5	189.3
-15°	5169.4	4338.7	3507.7	2592.2	1649.1	989.8	711.4	571.8	475.9	364.5	190.5
-17.5°	4936.3	4144.7	3314.1	2391.1	1479.7	927.7	687.1	557.8	466.4	348.7	191.5
-20°	4697.3	3916.4	3086.1	2163.9	1287.3	856.0	660.1	541.3	455.7	332.5	193.3



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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°	4431.7	3653.7	2814.9	1924.3	1126.3	775.0	630.5	522.6	443.7	316.4	194.4
-25°	4135.7	3364.7	2516.4	1664.9	1028.5	737.1	603.0	501.4	430.5	300.7	194.8
-27.5°	3800.6	3040.0	2190.1	1380.0	920.0	698.1	577.6	484.9	413.1	285.9	194.7
-30°	3436.4	2659.4	1852.1	1120.3	804.3	657.1	549.5	467.4	391.2	279.1	194.1
-32.5°	3036.1	2251.8	1492.6	986.3	734.5	614.6	519.8	448.8	372.1	276.4	197.1
-35°	2569.3	1832.3	1129.7	845.9	684.3	580.3	492.9	429.1	356.1	273.7	199.7
-37.5°	2077.7	1397.8	971.4	739.9	632.1	544.9	470.0	409.3	343.5	270.8	200.8
-40°	1593.2	1065.4	810.0	681.2	588.6	508.3	445.0	389.5	337.8	268.0	200.1
-42.5°	1121.5	886.3	718.1	620.7	547.7	478.3	418.4	368.9	324.8	265.2	197.8
-45°	925.4	743.0	650.0	575.4	506.9	446.2	395.0	348.2	309.3	260.5	191.8
-47.5°	753.9	666.1	592.0	529.4	469.1	414.2	371.1	329.4	292.6	253.3	181.1
-50°	667.9	598.5	542.4	484.9	429.1	387.6	346.9	309.2	274.2	236.8	168.3
-52.5°	593.6	545.6	492.4	439.2	396.0	360.5	322.7	287.9	255.6	215.5	153.7
-55°	532.7	490.5	440.7	397.9	362.5	331.1	296.9	267.6	236.9	192.3	138.1
-57.5°	469.7	431.8	392.5	357.5	327.9	299.6	273.5	247.4	213.0	168.9	127.5
-60°	407.1	376.0	344.5	318.1	292.8	270.2	252.0	225.0	187.6	146.6	113.8
-62.5°	345.2	321.0	301.7	279.5	258.2	242.2	229.5	198.2	162.2	128.2	98.7
-65°	289.1	274.2	259.1	238.6	223.0	212.4	200.4	171.5	138.7	108.9	83.4
-67.5°	237.5	225.1	209.1	195.0	189.9	182.5	170.7	143.7	114.7	88.8	69.3
-70°	187.4	174.9	166.6	165.1	161.2	152.7	137.4	114.3	89.7	72.4	55.0
-72.5°	139.7	136.4	137.4	138.1	130.5	119.0	103.7	85.8	70.9	55.8	40.5
-75°	92.3	100.7	107.1	107.0	98.2	86.3	75.9	65.0	52.1	39.0	30.7
-77.5°	67.4	73.8	77.8	76.2	67.9	59.9	52.2	44.0	35.3	28.9	22.7
-80°	44.2	46.6	46.7	43.9	38.4	33.4	32.0	29.5	24.3	19.3	14.5
-82.5°	21.3	21.5	21.7	21.4	21.2	20.4	19.0	17.0	13.3	9.7	8.1
-85°	11.0	10.7	10.1	9.1	8.5	7.5	7.6	7.6	6.9	6.1	5.4
-87.5°	4.1	3.9	3.7	3.4	3.6	3.8	3.8	3.8	3.4	3.1	2.7
-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):**

	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°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
80°	9.8	7.8	6.2	4.7	3.1	1.6	0.0
77.5°	16.6	10.7	7.8	5.8	3.9	1.9	0.0
75°	23.1	15.5	9.6	7.0	4.7	2.3	0.0
72.5°	29.5	20.1	12.7	8.1	5.4	2.7	0.0
70°	36.3	24.5	15.8	9.4	6.1	3.1	0.0
67.5°	47.4	28.8	18.7	11.2	6.9	3.4	0.0
65°	57.7	34.4	21.5	12.9	7.6	3.8	0.0
62.5°	67.4	41.2	24.1	14.6	8.3	4.2	0.0
60°	76.2	47.5	26.5	16.1	9.0	4.5	0.0
57.5°	85.0	53.1	30.2	17.6	9.9	4.8	0.0
55°	93.0	58.1	33.6	18.9	10.8	5.2	0.0
52.5°	99.8	62.6	36.5	20.1	11.6	5.5	0.0
50°	105.4	66.7	39.1	21.2	12.4	5.8	0.0
47.5°	110.7	70.0	41.2	22.3	13.2	6.1	0.0
45°	119.7	72.5	42.8	23.5	14.0	6.4	0.0
42.5°	127.1	74.2	44.0	24.4	14.7	6.6	0.0
40°	133.1	75.0	44.8	25.5	15.4	6.9	0.0
37.5°	137.6	75.0	45.2	26.8	16.1	7.1	0.0
35°	140.5	76.7	45.0	27.9	16.7	7.4	0.0
32.5°	141.2	78.8	44.4	29.0	17.3	7.6	0.0
30°	138.5	79.8	43.3	30.0	17.9	7.8	0.0
27.5°	134.7	79.8	44.4	31.0	18.4	8.0	0.0
25°	129.8	78.9	45.7	31.9	18.8	8.2	0.0
22.5°	123.9	78.9	47.0	32.7	19.3	8.3	0.0
20°	117.1	82.6	48.2	33.4	19.6	8.5	0.0
17.5°	115.8	85.8	49.3	34.0	20.0	8.6	0.0
15°	118.1	88.7	50.3	34.6	20.3	8.7	0.0
12.5°	120.2	91.0	51.2	35.0	20.5	8.8	0.0
10°	122.1	92.9	52.0	35.4	20.7	8.9	0.0
7.5°	123.6	94.4	52.7	35.7	20.9	8.9	0.0
5°	124.8	95.5	53.3	35.9	21.0	9.0	0.0
2.5°	125.7	96.1	53.8	36.1	21.1	9.0	0.0
0°	126.3	96.3	54.1	36.1	21.1	9.0	0.0
-2.5°	125.7	96.1	53.8	36.1	21.1	9.0	0.0
-5°	124.8	95.5	53.3	35.9	21.0	9.0	0.0
-7.5°	123.6	94.4	52.7	35.7	20.9	8.9	0.0
-10°	122.1	92.9	52.0	35.4	20.7	8.9	0.0
-12.5°	120.2	91.0	51.2	35.0	20.5	8.8	0.0
-15°	118.1	88.7	50.3	34.6	20.3	8.7	0.0
-17.5°	115.8	85.8	49.3	34.0	20.0	8.6	0.0
-20°	117.1	82.6	48.2	33.4	19.6	8.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.9	78.9	47.0	32.7	19.3	8.3	0.0
-25°	129.8	78.9	45.7	31.9	18.8	8.2	0.0
-27.5°	134.7	79.8	44.4	31.0	18.4	8.0	0.0
-30°	138.5	79.8	43.3	30.0	17.9	7.8	0.0
-32.5°	141.2	78.8	44.4	29.0	17.3	7.6	0.0
-35°	140.5	76.7	45.0	27.9	16.7	7.4	0.0
-37.5°	137.6	75.0	45.2	26.8	16.1	7.1	0.0
-40°	133.1	75.0	44.8	25.5	15.4	6.9	0.0
-42.5°	127.1	74.2	44.0	24.4	14.7	6.6	0.0
-45°	119.7	72.5	42.8	23.5	14.0	6.4	0.0
-47.5°	110.7	70.0	41.2	22.3	13.2	6.1	0.0
-50°	105.4	66.7	39.1	21.2	12.4	5.8	0.0
-52.5°	99.8	62.6	36.5	20.1	11.6	5.5	0.0
-55°	93.0	58.1	33.6	18.9	10.8	5.2	0.0
-57.5°	85.0	53.1	30.2	17.6	9.9	4.8	0.0
-60°	76.2	47.5	26.5	16.1	9.0	4.5	0.0
-62.5°	67.4	41.2	24.1	14.6	8.3	4.2	0.0
-65°	57.7	34.4	21.5	12.9	7.6	3.8	0.0
-67.5°	47.4	28.8	18.7	11.2	6.9	3.4	0.0
-70°	36.3	24.5	15.8	9.4	6.1	3.1	0.0
-72.5°	29.5	20.1	12.7	8.1	5.4	2.7	0.0
-75°	23.1	15.5	9.6	7.0	4.7	2.3	0.0
-77.5°	16.6	10.7	7.8	5.8	3.9	1.9	0.0
-80°	9.8	7.8	6.2	4.7	3.1	1.6	0.0
-82.5°	7.0	5.8	4.7	3.5	2.3	1.2	0.0
-85°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-87.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)