

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: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-930-U-WR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559115 (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-SA5E-930-U-WR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6  
Light Source: (80) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

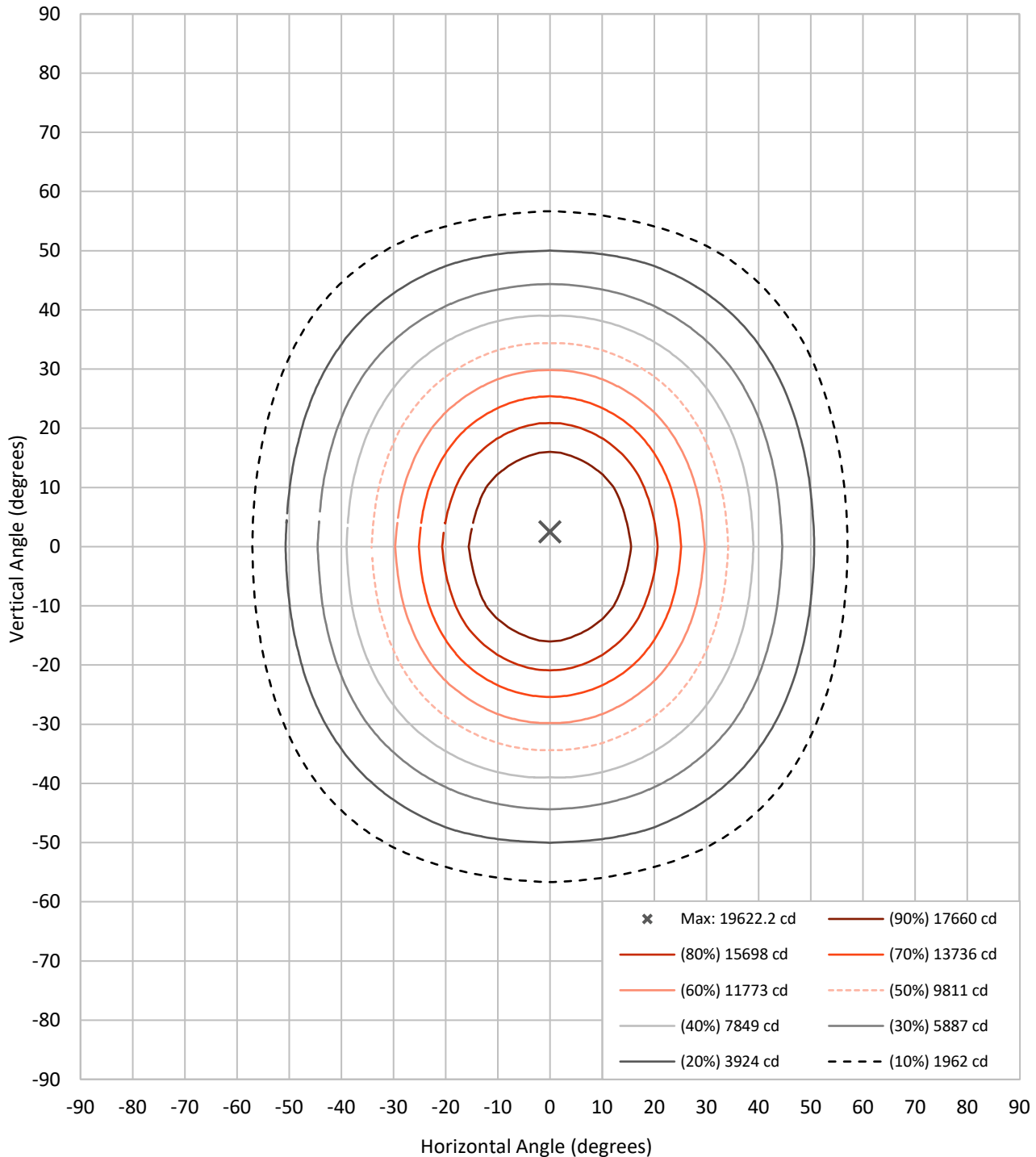
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26556.9 lumens	Max Intensity:	19622.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	86.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	15922.8 lumens	Field Lumens:	25368.9 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 307  
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





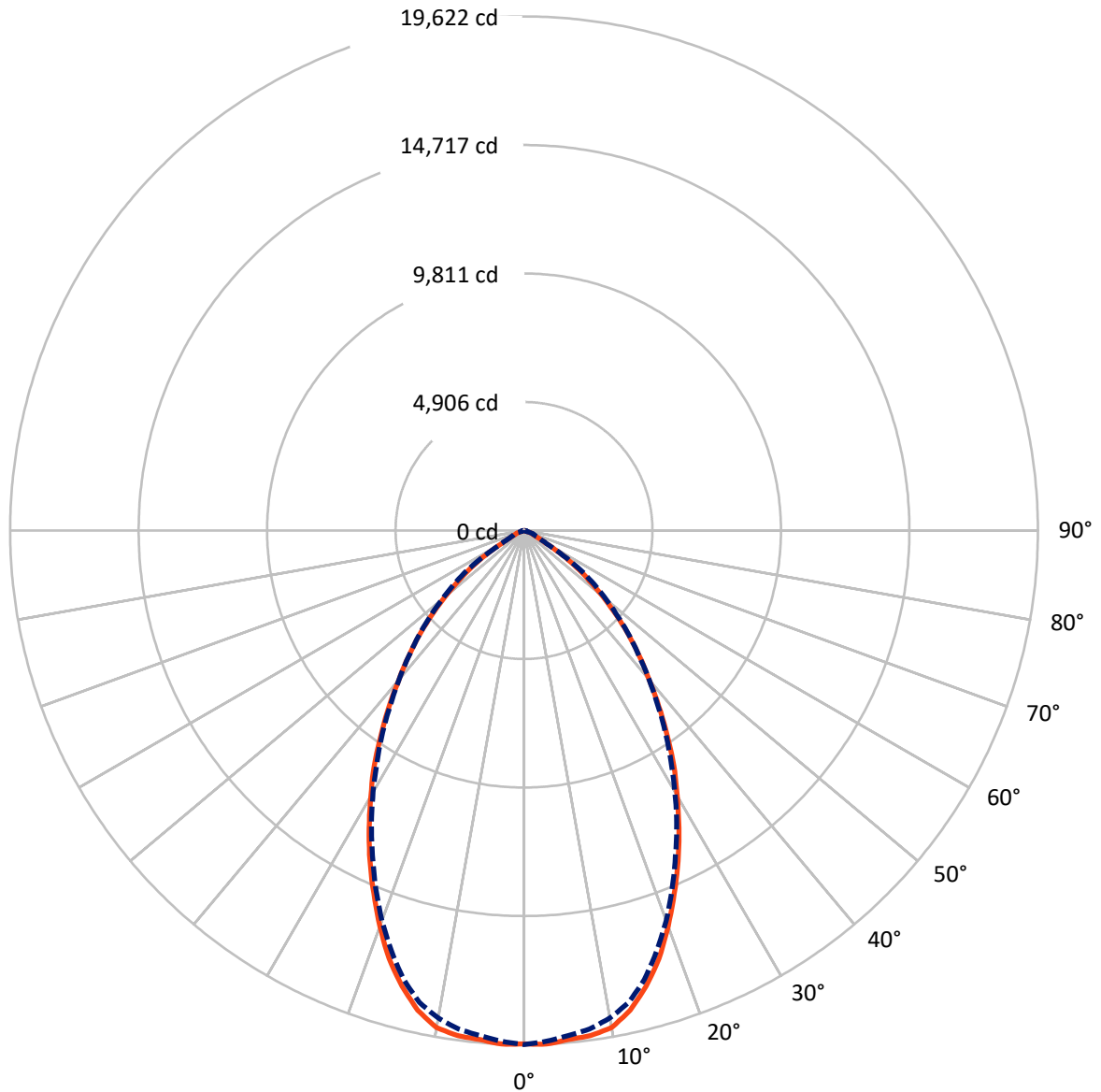
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### Lumen Table

90																			
80	0.2	2.6		6.4		11.1		7.8		11.1		6.4		2.6		0.2			
70																			
60	1.2	1.8	3.5	5.6	8.2	10.7	13.2	14.8	14.8	13.2	10.7	8.2	5.6	3.5	1.8	1.2			
50		2.9	5.9	10.7	20.6	39.9	59.9	71.7	71.7	59.9	39.9	20.6	10.7	5.9	2.9				
40	2.1	3.8	8.7	25.4	66.9	111.3	148.0	168.8	168.8	148.0	111.3	66.9	25.4	8.7	3.8	2.1			
30		4.7	15.0	58.6	120.2	187.7	248.6	285.2	285.2	248.6	187.7	120.2	58.6	15.0	4.7				
20	2.3	5.7	27.2	88.7	170.5	266.8	356.7	413.2	413.2	356.7	266.8	170.5	88.7	27.2	5.7	2.3			
10		6.7	38.8	110.4	210.1	333.4	454.1	530.5	530.5	454.1	333.4	210.1	110.4	38.8	6.7				
0	2.4	7.3	45.3	122.0	232.5	372.6	510.1	583.1	583.1	510.1	372.6	232.5	122.0	45.3	7.3	2.4			
-10		7.3	45.3	122.0	232.5	372.6	510.1	583.1	583.1	510.1	372.6	232.5	122.0	45.3	7.3				
-20	2.3	6.7	38.8	110.4	210.1	333.4	454.1	530.5	530.5	454.1	333.4	210.1	110.4	38.8	6.7	2.3			
-30		5.7	27.2	88.7	170.5	266.8	356.7	413.2	413.2	356.7	266.8	170.5	88.7	27.2	5.7				
-40	2.1	4.7	15.0	58.6	120.2	187.7	248.6	285.2	285.2	248.6	187.7	120.2	58.6	15.0	4.7	2.1			
-50		3.8	8.7	25.4	66.9	111.3	148.0	168.8	168.8	148.0	111.3	66.9	25.4	8.7	3.8				
-60	1.2	2.9	5.9	10.7	20.6	39.9	59.9	71.7	71.7	59.9	39.9	20.6	10.7	5.9	2.9	1.2			
-70		1.8	3.5	5.6	8.2	10.7	13.2	14.8	14.8	13.2	10.7	8.2	5.6	3.5	1.8				
-80	0.2	2.6		6.4		11.1		7.8		11.1		6.4		2.6		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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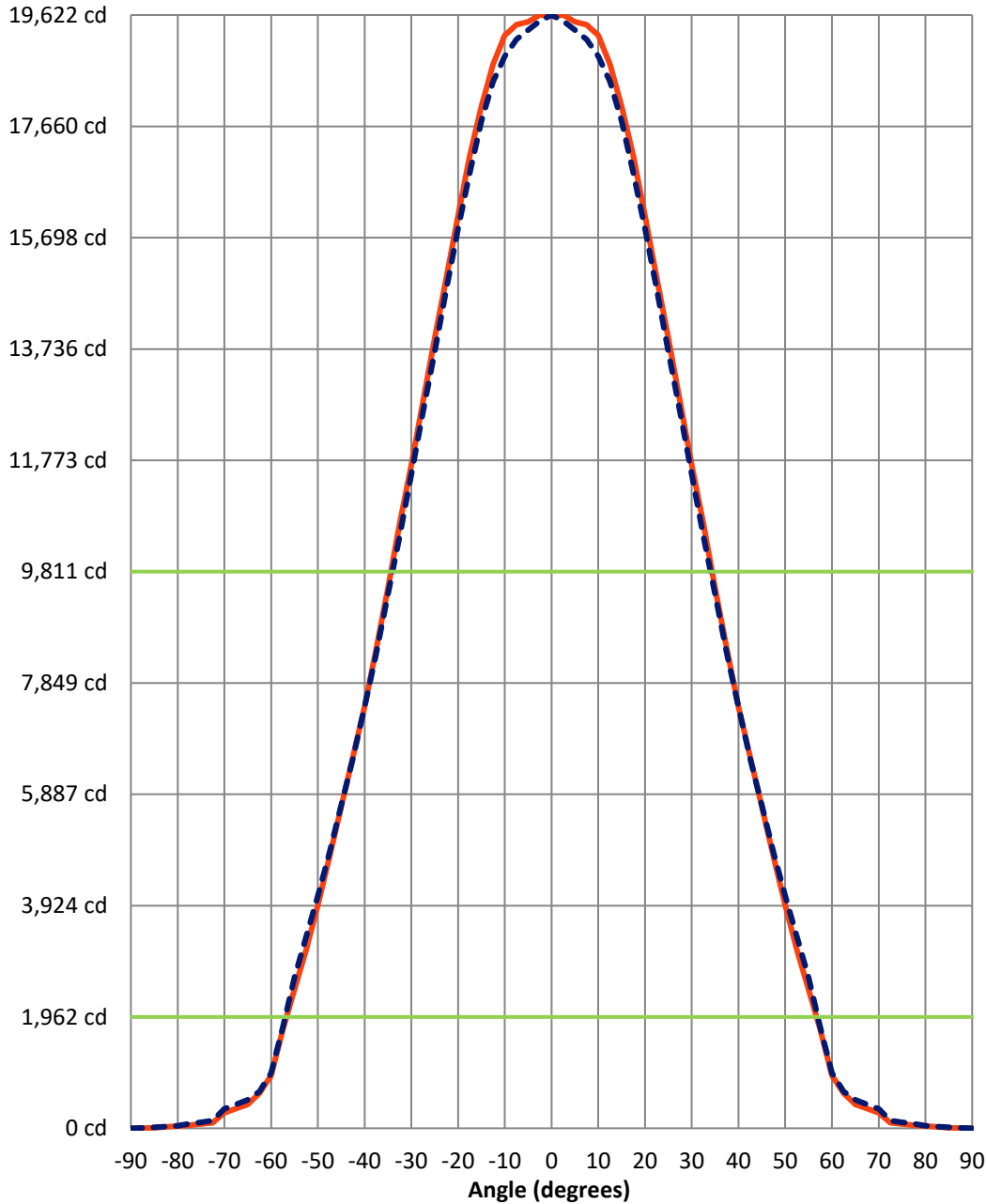
### Luminous Intensity Polar Plot



— 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: 15922.8  
 Efficiency: 60.0%

**Field:**  
 H Angle: 114°  
 V Angle: 113.4°  
 Lumens: 25368.9  
 Efficiency: 95.5%

**Spill:**  
 Lumens: 1187.9  
 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	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
85°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
82.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	8.2	11.2	14.3
80°	0.0	1.3	2.6	3.9	5.3	6.5	8.3	12.2	16.2	20.4	24.8
77.5°	0.0	1.6	3.3	4.9	6.5	9.0	13.9	19.0	24.2	29.6	36.9
75°	0.0	2.0	3.9	5.9	8.1	13.0	19.4	25.8	32.7	43.7	54.6
72.5°	0.0	2.3	4.6	6.8	10.7	16.9	24.8	34.0	46.8	59.5	72.0
70°	0.0	2.6	5.2	7.9	13.3	20.6	30.5	46.2	60.7	75.3	95.9
67.5°	0.0	2.9	5.8	9.4	15.7	24.2	39.8	58.2	74.5	96.2	120.5
65°	0.0	3.2	6.4	10.9	18.0	28.9	48.5	70.0	91.4	116.4	143.9
62.5°	0.0	3.5	7.0	12.3	20.2	34.6	56.5	82.8	107.6	136.1	166.2
60°	0.0	3.8	7.6	13.6	22.2	39.8	63.9	95.5	122.9	157.4	188.7
57.5°	0.0	4.1	8.3	14.8	25.3	44.6	71.4	106.9	141.6	178.7	207.5
55°	0.0	4.4	9.1	15.9	28.2	48.8	78.0	115.8	161.3	198.7	224.5
52.5°	0.0	4.6	9.8	16.9	30.7	52.5	83.7	128.9	180.8	214.4	241.4
50°	0.0	4.9	10.5	17.8	32.8	56.0	88.4	141.2	198.5	229.9	259.3
47.5°	0.0	5.1	11.1	18.7	34.6	58.7	92.9	151.8	212.4	245.4	276.3
45°	0.0	5.4	11.8	19.7	35.9	60.8	100.4	160.8	218.4	259.4	292.0
42.5°	0.0	5.6	12.4	20.5	37.0	62.2	106.6	165.9	222.4	272.4	309.4
40°	0.0	5.8	13.0	21.4	37.6	62.9	111.6	167.8	224.7	283.3	326.6
37.5°	0.0	6.0	13.5	22.5	37.9	62.9	115.3	168.3	227.1	288.1	343.2
35°	0.0	6.2	14.0	23.4	37.8	64.4	117.8	167.5	229.5	298.6	359.8
32.5°	0.0	6.4	14.5	24.4	37.2	66.1	118.3	165.2	231.8	312.0	376.3
30°	0.0	6.6	15.0	25.2	36.3	66.9	116.1	162.8	234.0	328.0	391.9
27.5°	0.0	6.7	15.4	26.0	37.3	66.9	112.9	163.3	239.8	346.4	406.6
25°	0.0	6.9	15.8	26.7	38.4	66.2	108.8	163.4	252.2	361.0	420.5
22.5°	0.0	7.0	16.2	27.4	39.4	66.1	103.9	163.0	265.3	372.0	438.2
20°	0.0	7.1	16.5	28.0	40.4	69.2	98.1	162.1	278.8	382.1	454.0
17.5°	0.0	7.2	16.8	28.5	41.3	72.0	97.1	160.6	292.4	391.1	467.8
15°	0.0	7.3	17.0	29.0	42.2	74.3	99.1	159.7	305.7	399.1	479.6
12.5°	0.0	7.4	17.2	29.4	43.0	76.3	100.8	158.7	317.4	406.0	489.4
10°	0.0	7.5	17.4	29.7	43.7	77.9	102.3	155.5	327.1	411.2	496.8
7.5°	0.0	7.5	17.5	30.0	44.2	79.1	103.6	150.6	334.9	415.5	501.0
5°	0.0	7.6	17.6	30.2	44.7	80.0	104.7	144.2	340.4	418.6	503.2
2.5°	0.0	7.6	17.7	30.3	45.1	80.5	105.4	136.7	343.3	420.6	503.5
0°	0.0	7.6	17.7	30.3	45.4	80.7	105.9	128.6	343.1	421.3	502.0
-2.5°	0.0	7.6	17.7	30.3	45.1	80.5	105.4	136.7	343.3	420.6	503.5
-5°	0.0	7.6	17.6	30.2	44.7	80.0	104.7	144.2	340.4	418.6	503.2
-7.5°	0.0	7.5	17.5	30.0	44.2	79.1	103.6	150.6	334.9	415.5	501.0
-10°	0.0	7.5	17.4	29.7	43.7	77.9	102.3	155.5	327.1	411.2	496.8
-12.5°	0.0	7.4	17.2	29.4	43.0	76.3	100.8	158.7	317.4	406.0	489.4
-15°	0.0	7.3	17.0	29.0	42.2	74.3	99.1	159.7	305.7	399.1	479.6
-17.5°	0.0	7.2	16.8	28.5	41.3	72.0	97.1	160.6	292.4	391.1	467.8
-20°	0.0	7.1	16.5	28.0	40.4	69.2	98.1	162.1	278.8	382.1	454.0



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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	7.0	16.2	27.4	39.4	66.1	103.9	163.0	265.3	372.0	438.2
-25°	0.0	6.9	15.8	26.7	38.4	66.2	108.8	163.4	252.2	361.0	420.5
-27.5°	0.0	6.7	15.4	26.0	37.3	66.9	112.9	163.3	239.8	346.4	406.6
-30°	0.0	6.6	15.0	25.2	36.3	66.9	116.1	162.8	234.0	328.0	391.9
-32.5°	0.0	6.4	14.5	24.4	37.2	66.1	118.3	165.2	231.8	312.0	376.3
-35°	0.0	6.2	14.0	23.4	37.8	64.4	117.8	167.5	229.5	298.6	359.8
-37.5°	0.0	6.0	13.5	22.5	37.9	62.9	115.3	168.3	227.1	288.1	343.2
-40°	0.0	5.8	13.0	21.4	37.6	62.9	111.6	167.8	224.7	283.3	326.6
-42.5°	0.0	5.6	12.4	20.5	37.0	62.2	106.6	165.9	222.4	272.4	309.4
-45°	0.0	5.4	11.8	19.7	35.9	60.8	100.4	160.8	218.4	259.4	292.0
-47.5°	0.0	5.1	11.1	18.7	34.6	58.7	92.9	151.8	212.4	245.4	276.3
-50°	0.0	4.9	10.5	17.8	32.8	56.0	88.4	141.2	198.5	229.9	259.3
-52.5°	0.0	4.6	9.8	16.9	30.7	52.5	83.7	128.9	180.8	214.4	241.4
-55°	0.0	4.4	9.1	15.9	28.2	48.8	78.0	115.8	161.3	198.7	224.5
-57.5°	0.0	4.1	8.3	14.8	25.3	44.6	71.4	106.9	141.6	178.7	207.5
-60°	0.0	3.8	7.6	13.6	22.2	39.8	63.9	95.5	122.9	157.4	188.7
-62.5°	0.0	3.5	7.0	12.3	20.2	34.6	56.5	82.8	107.6	136.1	166.2
-65°	0.0	3.2	6.4	10.9	18.0	28.9	48.5	70.0	91.4	116.4	143.9
-67.5°	0.0	2.9	5.8	9.4	15.7	24.2	39.8	58.2	74.5	96.2	120.5
-70°	0.0	2.6	5.2	7.9	13.3	20.6	30.5	46.2	60.7	75.3	95.9
-72.5°	0.0	2.3	4.6	6.8	10.7	16.9	24.8	34.0	46.8	59.5	72.0
-75°	0.0	2.0	3.9	5.9	8.1	13.0	19.4	25.8	32.7	43.7	54.6
-77.5°	0.0	1.6	3.3	4.9	6.5	9.0	13.9	19.0	24.2	29.6	36.9
-80°	0.0	1.3	2.6	3.9	5.3	6.5	8.3	12.2	16.2	20.4	24.8
-82.5°	0.0	1.0	2.0	3.0	3.9	4.9	5.9	6.8	8.2	11.2	14.3
-85°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	2.9	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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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°	3.2	3.2	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
85°	6.4	6.3	7.1	7.6	8.4	9.0	9.2	9.2	10.3	11.8	13.4
82.5°	16.0	17.1	17.7	17.9	18.2	18.0	17.8	17.8	21.9	27.2	33.1
80°	26.9	28.0	32.2	36.8	39.1	39.1	37.0	33.0	39.1	48.9	60.7
77.5°	43.8	50.2	57.0	63.9	65.2	61.9	56.5	49.1	57.8	75.2	94.9
75°	63.7	72.4	82.3	89.7	89.8	84.4	77.4	75.9	90.6	111.6	129.0
72.5°	87.0	99.9	109.4	115.8	115.2	114.3	117.1	123.3	135.3	150.8	164.2
70°	115.3	128.1	135.1	138.4	139.6	146.7	157.1	165.0	173.6	188.7	202.8
67.5°	143.2	153.1	159.2	163.5	175.3	188.7	199.2	208.8	219.3	234.9	247.7
65°	168.1	178.2	187.0	200.1	217.3	229.9	242.4	255.3	273.7	291.0	301.5
62.5°	192.5	203.2	216.6	234.4	253.0	269.2	289.5	312.4	336.3	354.1	374.5
60°	211.4	226.6	245.6	266.8	288.9	315.4	341.4	368.2	392.7	416.6	446.6
57.5°	229.4	251.3	275.0	299.8	329.2	362.2	393.9	422.8	453.7	487.0	520.9
55°	249.0	277.7	304.1	333.7	369.6	411.4	446.7	481.0	517.9	573.9	622.8
52.5°	270.6	302.4	332.1	368.3	412.9	457.5	497.7	545.8	607.5	690.7	825.5
50°	291.0	325.0	359.8	406.6	454.8	501.9	560.1	627.0	750.6	905.6	1177.1
47.5°	311.2	347.3	393.4	444.0	496.4	558.6	632.2	778.5	947.1	1333.2	1717.9
45°	331.3	374.2	425.1	482.5	545.1	623.1	776.1	956.5	1415.1	1859.2	2321.8
42.5°	350.9	401.1	459.3	520.5	602.2	743.3	940.5	1417.0	1913.5	2423.6	2867.6
40°	373.1	426.2	493.6	571.2	679.3	893.5	1336.0	1872.5	2432.2	2914.0	3346.0
37.5°	394.1	456.9	530.1	620.5	814.6	1172.2	1742.4	2337.5	2879.4	3350.2	3811.8
35°	413.3	486.7	573.9	709.4	947.3	1536.6	2154.7	2759.9	3277.9	3780.6	4285.5
32.5°	435.9	515.4	615.9	827.1	1251.7	1888.4	2546.2	3122.8	3665.2	4201.3	4777.9
30°	460.8	551.1	674.5	939.5	1553.2	2230.2	2881.9	3470.9	4033.3	4628.7	5246.3
27.5°	484.4	585.4	771.5	1157.4	1836.7	2549.4	3187.3	3793.5	4397.2	5031.2	5696.1
25°	505.7	618.1	862.5	1396.3	2110.3	2821.7	3468.3	4085.2	4737.1	5426.1	6125.7
22.5°	528.8	649.9	944.6	1613.8	2360.6	3064.1	3716.5	4370.5	5060.5	5790.8	6520.6
20°	553.6	717.9	1079.6	1814.7	2588.1	3284.4	3939.2	4635.7	5363.2	6119.5	6890.3
17.5°	576.2	778.0	1240.9	2005.3	2779.3	3475.8	4139.6	4875.9	5626.3	6417.0	7229.0
15°	596.6	830.1	1383.0	2173.8	2941.7	3638.5	4335.2	5089.0	5860.2	6683.8	7527.1
12.5°	614.5	874.1	1505.2	2319.5	3078.6	3777.6	4499.5	5268.7	6068.7	6917.0	7795.8
10°	629.7	910.0	1606.8	2441.4	3189.9	3892.4	4631.4	5418.3	6234.6	7104.8	8012.5
7.5°	639.4	939.5	1687.1	2538.7	3275.9	3982.2	4730.9	5536.2	6356.0	7251.4	8176.4
5°	645.6	963.6	1745.2	2610.7	3338.5	4050.0	4802.6	5620.9	6433.9	7354.3	8286.6
2.5°	648.6	980.2	1780.7	2656.7	3377.7	4097.5	4861.8	5695.1	6515.9	7427.5	8371.9
0°	648.3	988.8	1793.5	2676.3	3392.7	4119.2	4891.0	5733.5	6568.5	7458.9	8430.1
-2.5°	648.6	980.2	1780.7	2656.7	3377.7	4097.5	4861.8	5695.1	6515.9	7427.5	8371.9
-5°	645.6	963.6	1745.2	2610.7	3338.5	4050.0	4802.6	5620.9	6433.9	7354.3	8286.6
-7.5°	639.4	939.5	1687.1	2538.7	3275.9	3982.2	4730.9	5536.2	6356.0	7251.4	8176.4
-10°	629.7	910.0	1606.8	2441.4	3189.9	3892.4	4631.4	5418.3	6234.6	7104.8	8012.5
-12.5°	614.5	874.1	1505.2	2319.5	3078.6	3777.6	4499.5	5268.7	6068.7	6917.0	7795.8
-15°	596.6	830.1	1383.0	2173.8	2941.7	3638.5	4335.2	5089.0	5860.2	6683.8	7527.1
-17.5°	576.2	778.0	1240.9	2005.3	2779.3	3475.8	4139.6	4875.9	5626.3	6417.0	7229.0
-20°	553.6	717.9	1079.6	1814.7	2588.1	3284.4	3939.2	4635.7	5363.2	6119.5	6890.3



REPORT NUMBER: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	528.8	649.9	944.6	1613.8	2360.6	3064.1	3716.5	4370.5	5060.5	5790.8	6520.6
-25°	505.7	618.1	862.5	1396.3	2110.3	2821.7	3468.3	4085.2	4737.1	5426.1	6125.7
-27.5°	484.4	585.4	771.5	1157.4	1836.7	2549.4	3187.3	3793.5	4397.2	5031.2	5696.1
-30°	460.8	551.1	674.5	939.5	1553.2	2230.2	2881.9	3470.9	4033.3	4628.7	5246.3
-32.5°	435.9	515.4	615.9	827.1	1251.7	1888.4	2546.2	3122.8	3665.2	4201.3	4777.9
-35°	413.3	486.7	573.9	709.4	947.3	1536.6	2154.7	2759.9	3277.9	3780.6	4285.5
-37.5°	394.1	456.9	530.1	620.5	814.6	1172.2	1742.4	2337.5	2879.4	3350.2	3811.8
-40°	373.1	426.2	493.6	571.2	679.3	893.5	1336.0	1872.5	2432.2	2914.0	3346.0
-42.5°	350.9	401.1	459.3	520.5	602.2	743.3	940.5	1417.0	1913.5	2423.6	2867.6
-45°	331.3	374.2	425.1	482.5	545.1	623.1	776.1	956.5	1415.1	1859.2	2321.8
-47.5°	311.2	347.3	393.4	444.0	496.4	558.6	632.2	778.5	947.1	1333.2	1717.9
-50°	291.0	325.0	359.8	406.6	454.8	501.9	560.1	627.0	750.6	905.6	1177.1
-52.5°	270.6	302.4	332.1	368.3	412.9	457.5	497.7	545.8	607.5	690.7	825.5
-55°	249.0	277.7	304.1	333.7	369.6	411.4	446.7	481.0	517.9	573.9	622.8
-57.5°	229.4	251.3	275.0	299.8	329.2	362.2	393.9	422.8	453.7	487.0	520.9
-60°	211.4	226.6	245.6	266.8	288.9	315.4	341.4	368.2	392.7	416.6	446.6
-62.5°	192.5	203.2	216.6	234.4	253.0	269.2	289.5	312.4	336.3	354.1	374.5
-65°	168.1	178.2	187.0	200.1	217.3	229.9	242.4	255.3	273.7	291.0	301.5
-67.5°	143.2	153.1	159.2	163.5	175.3	188.7	199.2	208.8	219.3	234.9	247.7
-70°	115.3	128.1	135.1	138.4	139.6	146.7	157.1	165.0	173.6	188.7	202.8
-72.5°	87.0	99.9	109.4	115.8	115.2	114.3	117.1	123.3	135.3	150.8	164.2
-75°	63.7	72.4	82.3	89.7	89.8	84.4	77.4	75.9	90.6	111.6	129.0
-77.5°	43.8	50.2	57.0	63.9	65.2	61.9	56.5	49.1	57.8	75.2	94.9
-80°	26.9	28.0	32.2	36.8	39.1	39.1	37.0	33.0	39.1	48.9	60.7
-82.5°	16.0	17.1	17.7	17.9	18.2	18.0	17.8	17.8	21.9	27.2	33.1
-85°	6.4	6.3	7.1	7.6	8.4	9.0	9.2	9.2	10.3	11.8	13.4
-87.5°	3.2	3.2	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
-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: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	15.3	15.1	14.5	13.8	12.8	13.2	13.6	13.9	14.2	13.3	12.3
82.5°	39.5	42.5	45.2	48.2	51.3	50.8	49.4	47.3	44.7	39.9	34.5
80°	74.1	81.1	85.7	89.4	92.4	89.5	85.2	80.2	74.7	66.3	57.2
77.5°	115.1	122.1	125.7	130.0	134.9	135.8	136.1	136.5	137.1	121.6	102.0
75°	142.9	152.1	159.7	166.5	172.4	175.3	177.3	179.2	181.0	160.5	133.6
72.5°	175.7	184.6	191.9	199.2	205.6	210.5	214.3	217.4	219.9	203.3	179.8
70°	214.0	222.9	231.2	238.8	246.1	252.8	258.8	264.3	269.4	270.3	271.6
67.5°	257.2	262.5	272.4	281.9	293.2	301.5	310.8	319.4	327.4	334.1	339.8
65°	310.8	329.9	349.1	358.6	359.4	371.4	390.2	400.7	403.8	406.2	412.1
62.5°	400.7	425.3	438.2	455.1	478.3	503.6	513.3	527.2	544.1	563.3	580.6
60°	472.1	493.0	524.2	555.9	584.2	609.8	672.0	727.2	774.5	815.3	854.5
57.5°	560.7	595.2	642.9	728.9	807.6	878.7	1000.3	1148.7	1280.9	1396.6	1498.3
55°	701.9	802.5	893.0	1096.0	1312.9	1500.6	1676.3	1864.2	2017.2	2136.8	2247.5
52.5°	942.8	1219.2	1499.4	1763.0	2022.1	2258.0	2469.7	2636.3	2766.3	2863.9	2956.4
50°	1509.3	1842.5	2183.8	2498.2	2752.8	2985.3	3205.7	3370.9	3509.2	3628.2	3733.6
47.5°	2127.0	2517.0	2839.5	3129.5	3403.9	3661.9	3902.9	4104.0	4274.3	4431.4	4562.1
45°	2741.6	3090.4	3421.2	3732.1	4030.7	4320.0	4579.3	4808.0	5033.4	5219.5	5366.8
42.5°	3261.3	3630.6	3982.4	4338.3	4672.1	4996.6	5309.8	5588.0	5827.4	6030.9	6194.7
40°	3760.2	4158.3	4576.2	4971.3	5367.7	5738.0	6084.9	6402.5	6675.2	6916.1	7120.0
37.5°	4267.9	4732.7	5191.9	5642.2	6079.0	6481.6	6879.8	7246.2	7565.7	7847.6	8084.5
35°	4803.6	5316.0	5815.7	6323.0	6800.0	7265.9	7706.1	8109.4	8463.2	8795.5	9081.0
32.5°	5340.4	5895.6	6458.1	7007.2	7535.5	8057.3	8540.1	8994.8	9413.1	9780.8	10085.5
30°	5863.1	6474.3	7076.2	7674.4	8277.3	8845.8	9380.7	9880.1	10333.9	10734.4	11080.7
27.5°	6364.6	7021.7	7667.2	8351.4	9006.5	9625.0	10206.0	10743.0	11249.5	11704.9	12098.1
25°	6828.6	7526.6	8279.0	8996.5	9697.7	10383.6	11020.2	11603.4	12182.6	12683.7	13110.5
22.5°	7267.0	8046.0	8838.2	9590.7	10364.3	11118.5	11831.1	12507.0	13125.7	13650.7	14105.8
20°	7683.9	8522.2	9338.5	10171.6	11009.3	11823.1	12607.7	13330.1	13983.7	14555.9	15069.1
17.5°	8077.8	8945.1	9812.6	10702.2	11606.9	12462.4	13293.7	14079.6	14793.2	15427.9	16006.5
15°	8418.4	9314.6	10243.4	11189.0	12135.3	13044.9	13927.1	14783.3	15586.1	16277.1	16860.5
12.5°	8707.8	9641.4	10624.0	11616.1	12613.6	13567.1	14502.3	15418.3	16271.7	17014.6	17613.6
10°	8947.9	9926.1	10952.5	11985.8	13008.9	13999.6	14972.2	15920.1	16836.6	17606.6	18221.9
7.5°	9148.0	10163.8	11213.8	12278.3	13310.6	14339.5	15353.8	16311.3	17214.3	18026.2	18658.7
5°	9297.5	10330.3	11402.4	12493.5	13541.6	14607.2	15651.7	16631.5	17525.5	18261.3	18777.5
2.5°	9408.7	10433.9	11524.9	12623.2	13685.2	14789.2	15856.0	16836.8	17751.8	18448.3	18895.3
0°	9484.4	10490.9	11636.1	12713.2	13792.8	14925.4	15979.8	16971.1	17889.3	18570.3	19031.9
-2.5°	9408.7	10433.9	11524.9	12623.2	13685.2	14789.2	15856.0	16836.8	17751.8	18448.3	18895.3
-5°	9297.5	10330.3	11402.4	12493.5	13541.6	14607.2	15651.7	16631.5	17525.5	18261.3	18777.5
-7.5°	9148.0	10163.8	11213.8	12278.3	13310.6	14339.5	15353.8	16311.3	17214.3	18026.2	18658.7
-10°	8947.9	9926.1	10952.5	11985.8	13008.9	13999.6	14972.2	15920.1	16836.6	17606.6	18221.9
-12.5°	8707.8	9641.4	10624.0	11616.1	12613.6	13567.1	14502.3	15418.3	16271.7	17014.6	17613.6
-15°	8418.4	9314.6	10243.4	11189.0	12135.3	13044.9	13927.1	14783.3	15586.1	16277.1	16860.5
-17.5°	8077.8	8945.1	9812.6	10702.2	11606.9	12462.4	13293.7	14079.6	14793.2	15427.9	16006.5
-20°	7683.9	8522.2	9338.5	10171.6	11009.3	11823.1	12607.7	13330.1	13983.7	14555.9	15069.1



REPORT NUMBER: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	7267.0	8046.0	8838.2	9590.7	10364.3	11118.5	11831.1	12507.0	13125.7	13650.7	14105.8
-25°	6828.6	7526.6	8279.0	8996.5	9697.7	10383.6	11020.2	11603.4	12182.6	12683.7	13110.5
-27.5°	6364.6	7021.7	7667.2	8351.4	9006.5	9625.0	10206.0	10743.0	11249.5	11704.9	12098.1
-30°	5863.1	6474.3	7076.2	7674.4	8277.3	8845.8	9380.7	9880.1	10333.9	10734.4	11080.7
-32.5°	5340.4	5895.6	6458.1	7007.2	7535.5	8057.3	8540.1	8994.8	9413.1	9780.8	10085.5
-35°	4803.6	5316.0	5815.7	6323.0	6800.0	7265.9	7706.1	8109.4	8463.2	8795.5	9081.0
-37.5°	4267.9	4732.7	5191.9	5642.2	6079.0	6481.6	6879.8	7246.2	7565.7	7847.6	8084.5
-40°	3760.2	4158.3	4576.2	4971.3	5367.7	5738.0	6084.9	6402.5	6675.2	6916.1	7120.0
-42.5°	3261.3	3630.6	3982.4	4338.3	4672.1	4996.6	5309.8	5588.0	5827.4	6030.9	6194.7
-45°	2741.6	3090.4	3421.2	3732.1	4030.7	4320.0	4579.3	4808.0	5033.4	5219.5	5366.8
-47.5°	2127.0	2517.0	2839.5	3129.5	3403.9	3661.9	3902.9	4104.0	4274.3	4431.4	4562.1
-50°	1509.3	1842.5	2183.8	2498.2	2752.8	2985.3	3205.7	3370.9	3509.2	3628.2	3733.6
-52.5°	942.8	1219.2	1499.4	1763.0	2022.1	2258.0	2469.7	2636.3	2766.3	2863.9	2956.4
-55°	701.9	802.5	893.0	1096.0	1312.9	1500.6	1676.3	1864.2	2017.2	2136.8	2247.5
-57.5°	560.7	595.2	642.9	728.9	807.6	878.7	1000.3	1148.7	1280.9	1396.6	1498.3
-60°	472.1	493.0	524.2	555.9	584.2	609.8	672.0	727.2	774.5	815.3	854.5
-62.5°	400.7	425.3	438.2	455.1	478.3	503.6	513.3	527.2	544.1	563.3	580.6
-65°	310.8	329.9	349.1	358.6	359.4	371.4	390.2	400.7	403.8	406.2	412.1
-67.5°	257.2	262.5	272.4	281.9	293.2	301.5	310.8	319.4	327.4	334.1	339.8
-70°	214.0	222.9	231.2	238.8	246.1	252.8	258.8	264.3	269.4	270.3	271.6
-72.5°	175.7	184.6	191.9	199.2	205.6	210.5	214.3	217.4	219.9	203.3	179.8
-75°	142.9	152.1	159.7	166.5	172.4	175.3	177.3	179.2	181.0	160.5	133.6
-77.5°	115.1	122.1	125.7	130.0	134.9	135.8	136.1	136.5	137.1	121.6	102.0
-80°	74.1	81.1	85.7	89.4	92.4	89.5	85.2	80.2	74.7	66.3	57.2
-82.5°	39.5	42.5	45.2	48.2	51.3	50.8	49.4	47.3	44.7	39.9	34.5
-85°	15.3	15.1	14.5	13.8	12.8	13.2	13.6	13.9	14.2	13.3	12.3
-87.5°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-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: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	11.2	10.1	10.1	10.1	10.1	10.1	11.2	12.3	13.3	14.2	13.9
82.5°	28.7	22.7	23.9	25.2	23.9	22.7	28.7	34.5	39.9	44.7	47.3
80°	47.7	37.9	39.0	40.4	39.0	37.9	47.7	57.2	66.3	74.7	80.2
77.5°	80.9	58.7	56.7	55.5	56.7	58.7	80.9	102.0	121.6	137.1	136.5
75°	105.8	77.3	75.6	75.7	75.6	77.3	105.8	133.6	160.5	181.0	179.2
72.5°	156.1	132.1	115.3	98.4	115.3	132.1	156.1	179.8	203.3	219.9	217.4
70°	274.5	277.9	276.5	272.4	276.5	277.9	274.5	271.6	270.3	269.4	264.3
67.5°	344.4	348.0	348.8	348.1	348.8	348.0	344.4	339.8	334.1	327.4	319.4
65°	416.3	418.7	420.6	421.3	420.6	418.7	416.3	412.1	406.2	403.8	400.7
62.5°	593.6	602.3	611.5	618.0	611.5	602.3	593.6	580.6	563.3	544.1	527.2
60°	888.7	917.1	929.7	930.8	929.7	917.1	888.7	854.5	815.3	774.5	727.2
57.5°	1579.7	1640.6	1694.8	1735.5	1694.8	1640.6	1579.7	1498.3	1396.6	1280.9	1148.7
55°	2335.7	2400.4	2437.0	2446.8	2437.0	2400.4	2335.7	2247.5	2136.8	2017.2	1864.2
52.5°	3026.5	3069.6	3110.4	3145.5	3110.4	3069.6	3026.5	2956.4	2863.9	2766.3	2636.3
50°	3813.1	3861.1	3901.5	3932.5	3901.5	3861.1	3813.1	3733.6	3628.2	3509.2	3370.9
47.5°	4654.0	4712.7	4756.0	4785.1	4756.0	4712.7	4654.0	4562.1	4431.4	4274.3	4104.0
45°	5493.0	5593.6	5654.7	5665.4	5654.7	5593.6	5493.0	5366.8	5219.5	5033.4	4808.0
42.5°	6336.3	6432.7	6497.7	6545.8	6497.7	6432.7	6336.3	6194.7	6030.9	5827.4	5588.0
40°	7290.0	7411.1	7466.6	7431.2	7466.6	7411.1	7290.0	7120.0	6916.1	6675.2	6402.5
37.5°	8267.1	8391.5	8455.7	8452.8	8455.7	8391.5	8267.1	8084.5	7847.6	7565.7	7246.2
35°	9302.9	9457.2	9540.8	9519.8	9540.8	9457.2	9302.9	9081.0	8795.5	8463.2	8109.4
32.5°	10329.0	10515.6	10636.1	10654.9	10636.1	10515.6	10329.0	10085.5	9780.8	9413.1	8994.8
30°	11358.4	11560.0	11679.8	11691.6	11679.8	11560.0	11358.4	11080.7	10734.4	10333.9	9880.1
27.5°	12428.0	12653.6	12779.0	12809.0	12779.0	12653.6	12428.0	12098.1	11704.9	11249.5	10743.0
25°	13474.5	13724.9	13868.8	13924.0	13868.8	13724.9	13474.5	13110.5	12683.7	12182.6	11603.4
22.5°	14483.6	14758.2	14945.7	14993.5	14945.7	14758.2	14483.6	14105.8	13650.7	13125.7	12507.0
20°	15495.6	15819.6	16059.5	16083.2	16059.5	15819.6	15495.6	15069.1	14555.9	13983.7	13330.1
17.5°	16470.1	16820.7	17077.4	17140.1	17077.4	16820.7	16470.1	16006.5	15427.9	14793.2	14079.6
15°	17342.5	17710.5	17958.4	18012.9	17958.4	17710.5	17342.5	16860.5	16277.1	15586.1	14783.3
12.5°	18095.3	18434.5	18665.9	18754.5	18665.9	18434.5	18095.3	17613.6	17014.6	16271.7	15418.3
10°	18701.8	18963.8	19170.7	19264.0	19170.7	18963.8	18701.8	18221.9	17606.6	16836.6	15920.1
7.5°	19040.3	19255.9	19399.1	19450.7	19399.1	19255.9	19040.3	18658.7	18026.2	17214.3	16311.3
5°	19174.1	19380.8	19458.3	19503.6	19458.3	19380.8	19174.1	18777.5	18261.3	17525.5	16631.5
2.5°	19192.4	19357.8	19517.3	19622.2	19517.3	19357.8	19192.4	18895.3	18448.3	17751.8	16836.8
0°	19299.3	19460.8	19549.0	19599.5	19549.0	19460.8	19299.3	19031.9	18570.3	17889.3	16971.1
-2.5°	19192.4	19357.8	19517.3	19622.2	19517.3	19357.8	19192.4	18895.3	18448.3	17751.8	16836.8
-5°	19174.1	19380.8	19458.3	19503.6	19458.3	19380.8	19174.1	18777.5	18261.3	17525.5	16631.5
-7.5°	19040.3	19255.9	19399.1	19450.7	19399.1	19255.9	19040.3	18658.7	18026.2	17214.3	16311.3
-10°	18701.8	18963.8	19170.7	19264.0	19170.7	18963.8	18701.8	18221.9	17606.6	16836.6	15920.1
-12.5°	18095.3	18434.5	18665.9	18754.5	18665.9	18434.5	18095.3	17613.6	17014.6	16271.7	15418.3
-15°	17342.5	17710.5	17958.4	18012.9	17958.4	17710.5	17342.5	16860.5	16277.1	15586.1	14783.3
-17.5°	16470.1	16820.7	17077.4	17140.1	17077.4	16820.7	16470.1	16006.5	15427.9	14793.2	14079.6
-20°	15495.6	15819.6	16059.5	16083.2	16059.5	15819.6	15495.6	15069.1	14555.9	13983.7	13330.1



REPORT NUMBER: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	14483.6	14758.2	14945.7	14993.5	14945.7	14758.2	14483.6	14105.8	13650.7	13125.7	12507.0
-25°	13474.5	13724.9	13868.8	13924.0	13868.8	13724.9	13474.5	13110.5	12683.7	12182.6	11603.4
-27.5°	12428.0	12653.6	12779.0	12809.0	12779.0	12653.6	12428.0	12098.1	11704.9	11249.5	10743.0
-30°	11358.4	11560.0	11679.8	11691.6	11679.8	11560.0	11358.4	11080.7	10734.4	10333.9	9880.1
-32.5°	10329.0	10515.6	10636.1	10654.9	10636.1	10515.6	10329.0	10085.5	9780.8	9413.1	8994.8
-35°	9302.9	9457.2	9540.8	9519.8	9540.8	9457.2	9302.9	9081.0	8795.5	8463.2	8109.4
-37.5°	8267.1	8391.5	8455.7	8452.8	8455.7	8391.5	8267.1	8084.5	7847.6	7565.7	7246.2
-40°	7290.0	7411.1	7466.6	7431.2	7466.6	7411.1	7290.0	7120.0	6916.1	6675.2	6402.5
-42.5°	6336.3	6432.7	6497.7	6545.8	6497.7	6432.7	6336.3	6194.7	6030.9	5827.4	5588.0
-45°	5493.0	5593.6	5654.7	5665.4	5654.7	5593.6	5493.0	5366.8	5219.5	5033.4	4808.0
-47.5°	4654.0	4712.7	4756.0	4785.1	4756.0	4712.7	4654.0	4562.1	4431.4	4274.3	4104.0
-50°	3813.1	3861.1	3901.5	3932.5	3901.5	3861.1	3813.1	3733.6	3628.2	3509.2	3370.9
-52.5°	3026.5	3069.6	3110.4	3145.5	3110.4	3069.6	3026.5	2956.4	2863.9	2766.3	2636.3
-55°	2335.7	2400.4	2437.0	2446.8	2437.0	2400.4	2335.7	2247.5	2136.8	2017.2	1864.2
-57.5°	1579.7	1640.6	1694.8	1735.5	1694.8	1640.6	1579.7	1498.3	1396.6	1280.9	1148.7
-60°	888.7	917.1	929.7	930.8	929.7	917.1	888.7	854.5	815.3	774.5	727.2
-62.5°	593.6	602.3	611.5	618.0	611.5	602.3	593.6	580.6	563.3	544.1	527.2
-65°	416.3	418.7	420.6	421.3	420.6	418.7	416.3	412.1	406.2	403.8	400.7
-67.5°	344.4	348.0	348.8	348.1	348.8	348.0	344.4	339.8	334.1	327.4	319.4
-70°	274.5	277.9	276.5	272.4	276.5	277.9	274.5	271.6	270.3	269.4	264.3
-72.5°	156.1	132.1	115.3	98.4	115.3	132.1	156.1	179.8	203.3	219.9	217.4
-75°	105.8	77.3	75.6	75.7	75.6	77.3	105.8	133.6	160.5	181.0	179.2
-77.5°	80.9	58.7	56.7	55.5	56.7	58.7	80.9	102.0	121.6	137.1	136.5
-80°	47.7	37.9	39.0	40.4	39.0	37.9	47.7	57.2	66.3	74.7	80.2
-82.5°	28.7	22.7	23.9	25.2	23.9	22.7	28.7	34.5	39.9	44.7	47.3
-85°	11.2	10.1	10.1	10.1	10.1	10.1	11.2	12.3	13.3	14.2	13.9
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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: P559115 (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°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	3.5
85°	13.6	13.2	12.8	13.8	14.5	15.1	15.3	13.4	11.8	10.3	9.2
82.5°	49.4	50.8	51.3	48.2	45.2	42.5	39.5	33.1	27.2	21.9	17.8
80°	85.2	89.5	92.4	89.4	85.7	81.1	74.1	60.7	48.9	39.1	33.0
77.5°	136.1	135.8	134.9	130.0	125.7	122.1	115.1	94.9	75.2	57.8	49.1
75°	177.3	175.3	172.4	166.5	159.7	152.1	142.9	129.0	111.6	90.6	75.9
72.5°	214.3	210.5	205.6	199.2	191.9	184.6	175.7	164.2	150.8	135.3	123.3
70°	258.8	252.8	246.1	238.8	231.2	222.9	214.0	202.8	188.7	173.6	165.0
67.5°	310.8	301.5	293.2	281.9	272.4	262.5	257.2	247.7	234.9	219.3	208.8
65°	390.2	371.4	359.4	358.6	349.1	329.9	310.8	301.5	291.0	273.7	255.3
62.5°	513.3	503.6	478.3	455.1	438.2	425.3	400.7	374.5	354.1	336.3	312.4
60°	672.0	609.8	584.2	555.9	524.2	493.0	472.1	446.6	416.6	392.7	368.2
57.5°	1000.3	878.7	807.6	728.9	642.9	595.2	560.7	520.9	487.0	453.7	422.8
55°	1676.3	1500.6	1312.9	1096.0	893.0	802.5	701.9	622.8	573.9	517.9	481.0
52.5°	2469.7	2258.0	2022.1	1763.0	1499.4	1219.2	942.8	825.5	690.7	607.5	545.8
50°	3205.7	2985.3	2752.8	2498.2	2183.8	1842.5	1509.3	1177.1	905.6	750.6	627.0
47.5°	3902.9	3661.9	3403.9	3129.5	2839.5	2517.0	2127.0	1717.9	1333.2	947.1	778.5
45°	4579.3	4320.0	4030.7	3732.1	3421.2	3090.4	2741.6	2321.8	1859.2	1415.1	956.5
42.5°	5309.8	4996.6	4672.1	4338.3	3982.4	3630.6	3261.3	2867.6	2423.6	1913.5	1417.0
40°	6084.9	5738.0	5367.7	4971.3	4576.2	4158.3	3760.2	3346.0	2914.0	2432.2	1872.5
37.5°	6879.8	6481.6	6079.0	5642.2	5191.9	4732.7	4267.9	3811.8	3350.2	2879.4	2337.5
35°	7706.1	7265.9	6800.0	6323.0	5815.7	5316.0	4803.6	4285.5	3780.6	3277.9	2759.9
32.5°	8540.1	8057.3	7535.5	7007.2	6458.1	5895.6	5340.4	4777.9	4201.3	3665.2	3122.8
30°	9380.7	8845.8	8277.3	7674.4	7076.2	6474.3	5863.1	5246.3	4628.7	4033.3	3470.9
27.5°	10206.0	9625.0	9006.5	8351.4	7667.2	7021.7	6364.6	5696.1	5031.2	4397.2	3793.5
25°	11020.2	10383.6	9697.7	8996.5	8279.0	7526.6	6828.6	6125.7	5426.1	4737.1	4085.2
22.5°	11831.1	11118.5	10364.3	9590.7	8838.2	8046.0	7267.0	6520.6	5790.8	5060.5	4370.5
20°	12607.7	11823.1	11009.3	10171.6	9338.5	8522.2	7683.9	6890.3	6119.5	5363.2	4635.7
17.5°	13293.7	12462.4	11606.9	10702.2	9812.6	8945.1	8077.8	7229.0	6417.0	5626.3	4875.9
15°	13927.1	13044.9	12135.3	11189.0	10243.4	9314.6	8418.4	7527.1	6683.8	5860.2	5089.0
12.5°	14502.3	13567.1	12613.6	11616.1	10624.0	9641.4	8707.8	7795.8	6917.0	6068.7	5268.7
10°	14972.2	13999.6	13008.9	11985.8	10952.5	9926.1	8947.9	8012.5	7104.8	6234.6	5418.3
7.5°	15353.8	14339.5	13310.6	12278.3	11213.8	10163.8	9148.0	8176.4	7251.4	6356.0	5536.2
5°	15651.7	14607.2	13541.6	12493.5	11402.4	10330.3	9297.5	8286.6	7354.3	6433.9	5620.9
2.5°	15856.0	14789.2	13685.2	12623.2	11524.9	10433.9	9408.7	8371.9	7427.5	6515.9	5695.1
0°	15979.8	14925.4	13792.8	12713.2	11636.1	10490.9	9484.4	8430.1	7458.9	6568.5	5733.5
-2.5°	15856.0	14789.2	13685.2	12623.2	11524.9	10433.9	9408.7	8371.9	7427.5	6515.9	5695.1
-5°	15651.7	14607.2	13541.6	12493.5	11402.4	10330.3	9297.5	8286.6	7354.3	6433.9	5620.9
-7.5°	15353.8	14339.5	13310.6	12278.3	11213.8	10163.8	9148.0	8176.4	7251.4	6356.0	5536.2
-10°	14972.2	13999.6	13008.9	11985.8	10952.5	9926.1	8947.9	8012.5	7104.8	6234.6	5418.3
-12.5°	14502.3	13567.1	12613.6	11616.1	10624.0	9641.4	8707.8	7795.8	6917.0	6068.7	5268.7
-15°	13927.1	13044.9	12135.3	11189.0	10243.4	9314.6	8418.4	7527.1	6683.8	5860.2	5089.0
-17.5°	13293.7	12462.4	11606.9	10702.2	9812.6	8945.1	8077.8	7229.0	6417.0	5626.3	4875.9
-20°	12607.7	11823.1	11009.3	10171.6	9338.5	8522.2	7683.9	6890.3	6119.5	5363.2	4635.7



REPORT NUMBER: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	11831.1	11118.5	10364.3	9590.7	8838.2	8046.0	7267.0	6520.6	5790.8	5060.5	4370.5
-25°	11020.2	10383.6	9697.7	8996.5	8279.0	7526.6	6828.6	6125.7	5426.1	4737.1	4085.2
-27.5°	10206.0	9625.0	9006.5	8351.4	7667.2	7021.7	6364.6	5696.1	5031.2	4397.2	3793.5
-30°	9380.7	8845.8	8277.3	7674.4	7076.2	6474.3	5863.1	5246.3	4628.7	4033.3	3470.9
-32.5°	8540.1	8057.3	7535.5	7007.2	6458.1	5895.6	5340.4	4777.9	4201.3	3665.2	3122.8
-35°	7706.1	7265.9	6800.0	6323.0	5815.7	5316.0	4803.6	4285.5	3780.6	3277.9	2759.9
-37.5°	6879.8	6481.6	6079.0	5642.2	5191.9	4732.7	4267.9	3811.8	3350.2	2879.4	2337.5
-40°	6084.9	5738.0	5367.7	4971.3	4576.2	4158.3	3760.2	3346.0	2914.0	2432.2	1872.5
-42.5°	5309.8	4996.6	4672.1	4338.3	3982.4	3630.6	3261.3	2867.6	2423.6	1913.5	1417.0
-45°	4579.3	4320.0	4030.7	3732.1	3421.2	3090.4	2741.6	2321.8	1859.2	1415.1	956.5
-47.5°	3902.9	3661.9	3403.9	3129.5	2839.5	2517.0	2127.0	1717.9	1333.2	947.1	778.5
-50°	3205.7	2985.3	2752.8	2498.2	2183.8	1842.5	1509.3	1177.1	905.6	750.6	627.0
-52.5°	2469.7	2258.0	2022.1	1763.0	1499.4	1219.2	942.8	825.5	690.7	607.5	545.8
-55°	1676.3	1500.6	1312.9	1096.0	893.0	802.5	701.9	622.8	573.9	517.9	481.0
-57.5°	1000.3	878.7	807.6	728.9	642.9	595.2	560.7	520.9	487.0	453.7	422.8
-60°	672.0	609.8	584.2	555.9	524.2	493.0	472.1	446.6	416.6	392.7	368.2
-62.5°	513.3	503.6	478.3	455.1	438.2	425.3	400.7	374.5	354.1	336.3	312.4
-65°	390.2	371.4	359.4	358.6	349.1	329.9	310.8	301.5	291.0	273.7	255.3
-67.5°	310.8	301.5	293.2	281.9	272.4	262.5	257.2	247.7	234.9	219.3	208.8
-70°	258.8	252.8	246.1	238.8	231.2	222.9	214.0	202.8	188.7	173.6	165.0
-72.5°	214.3	210.5	205.6	199.2	191.9	184.6	175.7	164.2	150.8	135.3	123.3
-75°	177.3	175.3	172.4	166.5	159.7	152.1	142.9	129.0	111.6	90.6	75.9
-77.5°	136.1	135.8	134.9	130.0	125.7	122.1	115.1	94.9	75.2	57.8	49.1
-80°	85.2	89.5	92.4	89.4	85.7	81.1	74.1	60.7	48.9	39.1	33.0
-82.5°	49.4	50.8	51.3	48.2	45.2	42.5	39.5	33.1	27.2	21.9	17.8
-85°	13.6	13.2	12.8	13.8	14.5	15.1	15.3	13.4	11.8	10.3	9.2
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	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: P559115 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-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°	3.4	3.2	3.0	2.9	3.0	3.2	3.2	3.2	2.9	2.6	2.3
85°	9.2	9.0	8.4	7.6	7.1	6.3	6.4	6.4	5.8	5.2	4.6
82.5°	17.8	18.0	18.2	17.9	17.7	17.1	16.0	14.3	11.2	8.2	6.8
80°	37.0	39.1	39.1	36.8	32.2	28.0	26.9	24.8	20.4	16.2	12.2
77.5°	56.5	61.9	65.2	63.9	57.0	50.2	43.8	36.9	29.6	24.2	19.0
75°	77.4	84.4	89.8	89.7	82.3	72.4	63.7	54.6	43.7	32.7	25.8
72.5°	117.1	114.3	115.2	115.8	109.4	99.9	87.0	72.0	59.5	46.8	34.0
70°	157.1	146.7	139.6	138.4	135.1	128.1	115.3	95.9	75.3	60.7	46.2
67.5°	199.2	188.7	175.3	163.5	159.2	153.1	143.2	120.5	96.2	74.5	58.2
65°	242.4	229.9	217.3	200.1	187.0	178.2	168.1	143.9	116.4	91.4	70.0
62.5°	289.5	269.2	253.0	234.4	216.6	203.2	192.5	166.2	136.1	107.6	82.8
60°	341.4	315.4	288.9	266.8	245.6	226.6	211.4	188.7	157.4	122.9	95.5
57.5°	393.9	362.2	329.2	299.8	275.0	251.3	229.4	207.5	178.7	141.6	106.9
55°	446.7	411.4	369.6	333.7	304.1	277.7	249.0	224.5	198.7	161.3	115.8
52.5°	497.7	457.5	412.9	368.3	332.1	302.4	270.6	241.4	214.4	180.8	128.9
50°	560.1	501.9	454.8	406.6	359.8	325.0	291.0	259.3	229.9	198.5	141.2
47.5°	632.2	558.6	496.4	444.0	393.4	347.3	311.2	276.3	245.4	212.4	151.8
45°	776.1	623.1	545.1	482.5	425.1	374.2	331.3	292.0	259.4	218.4	160.8
42.5°	940.5	743.3	602.2	520.5	459.3	401.1	350.9	309.4	272.4	222.4	165.9
40°	1336.0	893.5	679.3	571.2	493.6	426.2	373.1	326.6	283.3	224.7	167.8
37.5°	1742.4	1172.2	814.6	620.5	530.1	456.9	394.1	343.2	288.1	227.1	168.3
35°	2154.7	1536.6	947.3	709.4	573.9	486.7	413.3	359.8	298.6	229.5	167.5
32.5°	2546.2	1888.4	1251.7	827.1	615.9	515.4	435.9	376.3	312.0	231.8	165.2
30°	2881.9	2230.2	1553.2	939.5	674.5	551.1	460.8	391.9	328.0	234.0	162.8
27.5°	3187.3	2549.4	1836.7	1157.4	771.5	585.4	484.4	406.6	346.4	239.8	163.3
25°	3468.3	2821.7	2110.3	1396.3	862.5	618.1	505.7	420.5	361.0	252.2	163.4
22.5°	3716.5	3064.1	2360.6	1613.8	944.6	649.9	528.8	438.2	372.0	265.3	163.0
20°	3939.2	3284.4	2588.1	1814.7	1079.6	717.9	553.6	454.0	382.1	278.8	162.1
17.5°	4139.6	3475.8	2779.3	2005.3	1240.9	778.0	576.2	467.8	391.1	292.4	160.6
15°	4335.2	3638.5	2941.7	2173.8	1383.0	830.1	596.6	479.6	399.1	305.7	159.7
12.5°	4499.5	3777.6	3078.6	2319.5	1505.2	874.1	614.5	489.4	406.0	317.4	158.7
10°	4631.4	3892.4	3189.9	2441.4	1606.8	910.0	629.7	496.8	411.2	327.1	155.5
7.5°	4730.9	3982.2	3275.9	2538.7	1687.1	939.5	639.4	501.0	415.5	334.9	150.6
5°	4802.6	4050.0	3338.5	2610.7	1745.2	963.6	645.6	503.2	418.6	340.4	144.2
2.5°	4861.8	4097.5	3377.7	2656.7	1780.7	980.2	648.6	503.5	420.6	343.3	136.7
0°	4891.0	4119.2	3392.7	2676.3	1793.5	988.8	648.3	502.0	421.3	343.1	128.6
-2.5°	4861.8	4097.5	3377.7	2656.7	1780.7	980.2	648.6	503.5	420.6	343.3	136.7
-5°	4802.6	4050.0	3338.5	2610.7	1745.2	963.6	645.6	503.2	418.6	340.4	144.2
-7.5°	4730.9	3982.2	3275.9	2538.7	1687.1	939.5	639.4	501.0	415.5	334.9	150.6
-10°	4631.4	3892.4	3189.9	2441.4	1606.8	910.0	629.7	496.8	411.2	327.1	155.5
-12.5°	4499.5	3777.6	3078.6	2319.5	1505.2	874.1	614.5	489.4	406.0	317.4	158.7
-15°	4335.2	3638.5	2941.7	2173.8	1383.0	830.1	596.6	479.6	399.1	305.7	159.7
-17.5°	4139.6	3475.8	2779.3	2005.3	1240.9	778.0	576.2	467.8	391.1	292.4	160.6
-20°	3939.2	3284.4	2588.1	1814.7	1079.6	717.9	553.6	454.0	382.1	278.8	162.1



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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°	3716.5	3064.1	2360.6	1613.8	944.6	649.9	528.8	438.2	372.0	265.3	163.0
-25°	3468.3	2821.7	2110.3	1396.3	862.5	618.1	505.7	420.5	361.0	252.2	163.4
-27.5°	3187.3	2549.4	1836.7	1157.4	771.5	585.4	484.4	406.6	346.4	239.8	163.3
-30°	2881.9	2230.2	1553.2	939.5	674.5	551.1	460.8	391.9	328.0	234.0	162.8
-32.5°	2546.2	1888.4	1251.7	827.1	615.9	515.4	435.9	376.3	312.0	231.8	165.2
-35°	2154.7	1536.6	947.3	709.4	573.9	486.7	413.3	359.8	298.6	229.5	167.5
-37.5°	1742.4	1172.2	814.6	620.5	530.1	456.9	394.1	343.2	288.1	227.1	168.3
-40°	1336.0	893.5	679.3	571.2	493.6	426.2	373.1	326.6	283.3	224.7	167.8
-42.5°	940.5	743.3	602.2	520.5	459.3	401.1	350.9	309.4	272.4	222.4	165.9
-45°	776.1	623.1	545.1	482.5	425.1	374.2	331.3	292.0	259.4	218.4	160.8
-47.5°	632.2	558.6	496.4	444.0	393.4	347.3	311.2	276.3	245.4	212.4	151.8
-50°	560.1	501.9	454.8	406.6	359.8	325.0	291.0	259.3	229.9	198.5	141.2
-52.5°	497.7	457.5	412.9	368.3	332.1	302.4	270.6	241.4	214.4	180.8	128.9
-55°	446.7	411.4	369.6	333.7	304.1	277.7	249.0	224.5	198.7	161.3	115.8
-57.5°	393.9	362.2	329.2	299.8	275.0	251.3	229.4	207.5	178.7	141.6	106.9
-60°	341.4	315.4	288.9	266.8	245.6	226.6	211.4	188.7	157.4	122.9	95.5
-62.5°	289.5	269.2	253.0	234.4	216.6	203.2	192.5	166.2	136.1	107.6	82.8
-65°	242.4	229.9	217.3	200.1	187.0	178.2	168.1	143.9	116.4	91.4	70.0
-67.5°	199.2	188.7	175.3	163.5	159.2	153.1	143.2	120.5	96.2	74.5	58.2
-70°	157.1	146.7	139.6	138.4	135.1	128.1	115.3	95.9	75.3	60.7	46.2
-72.5°	117.1	114.3	115.2	115.8	109.4	99.9	87.0	72.0	59.5	46.8	34.0
-75°	77.4	84.4	89.8	89.7	82.3	72.4	63.7	54.6	43.7	32.7	25.8
-77.5°	56.5	61.9	65.2	63.9	57.0	50.2	43.8	36.9	29.6	24.2	19.0
-80°	37.0	39.1	39.1	36.8	32.2	28.0	26.9	24.8	20.4	16.2	12.2
-82.5°	17.8	18.0	18.2	17.9	17.7	17.1	16.0	14.3	11.2	8.2	6.8
-85°	9.2	9.0	8.4	7.6	7.1	6.3	6.4	6.4	5.8	5.2	4.6
-87.5°	3.4	3.2	3.0	2.9	3.0	3.2	3.2	3.2	2.9	2.6	2.3
-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°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
82.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
80°	8.3	6.5	5.3	3.9	2.6	1.3	0.0
77.5°	13.9	9.0	6.5	4.9	3.3	1.6	0.0
75°	19.4	13.0	8.1	5.9	3.9	2.0	0.0
72.5°	24.8	16.9	10.7	6.8	4.6	2.3	0.0
70°	30.5	20.6	13.3	7.9	5.2	2.6	0.0
67.5°	39.8	24.2	15.7	9.4	5.8	2.9	0.0
65°	48.5	28.9	18.0	10.9	6.4	3.2	0.0
62.5°	56.5	34.6	20.2	12.3	7.0	3.5	0.0
60°	63.9	39.8	22.2	13.6	7.6	3.8	0.0
57.5°	71.4	44.6	25.3	14.8	8.3	4.1	0.0
55°	78.0	48.8	28.2	15.9	9.1	4.4	0.0
52.5°	83.7	52.5	30.7	16.9	9.8	4.6	0.0
50°	88.4	56.0	32.8	17.8	10.5	4.9	0.0
47.5°	92.9	58.7	34.6	18.7	11.1	5.1	0.0
45°	100.4	60.8	35.9	19.7	11.8	5.4	0.0
42.5°	106.6	62.2	37.0	20.5	12.4	5.6	0.0
40°	111.6	62.9	37.6	21.4	13.0	5.8	0.0
37.5°	115.3	62.9	37.9	22.5	13.5	6.0	0.0
35°	117.8	64.4	37.8	23.4	14.0	6.2	0.0
32.5°	118.3	66.1	37.2	24.4	14.5	6.4	0.0
30°	116.1	66.9	36.3	25.2	15.0	6.6	0.0
27.5°	112.9	66.9	37.3	26.0	15.4	6.7	0.0
25°	108.8	66.2	38.4	26.7	15.8	6.9	0.0
22.5°	103.9	66.1	39.4	27.4	16.2	7.0	0.0
20°	98.1	69.2	40.4	28.0	16.5	7.1	0.0
17.5°	97.1	72.0	41.3	28.5	16.8	7.2	0.0
15°	99.1	74.3	42.2	29.0	17.0	7.3	0.0
12.5°	100.8	76.3	43.0	29.4	17.2	7.4	0.0
10°	102.3	77.9	43.7	29.7	17.4	7.5	0.0
7.5°	103.6	79.1	44.2	30.0	17.5	7.5	0.0
5°	104.7	80.0	44.7	30.2	17.6	7.6	0.0
2.5°	105.4	80.5	45.1	30.3	17.7	7.6	0.0
0°	105.9	80.7	45.4	30.3	17.7	7.6	0.0
-2.5°	105.4	80.5	45.1	30.3	17.7	7.6	0.0
-5°	104.7	80.0	44.7	30.2	17.6	7.6	0.0
-7.5°	103.6	79.1	44.2	30.0	17.5	7.5	0.0
-10°	102.3	77.9	43.7	29.7	17.4	7.5	0.0
-12.5°	100.8	76.3	43.0	29.4	17.2	7.4	0.0
-15°	99.1	74.3	42.2	29.0	17.0	7.3	0.0
-17.5°	97.1	72.0	41.3	28.5	16.8	7.2	0.0
-20°	98.1	69.2	40.4	28.0	16.5	7.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	103.9	66.1	39.4	27.4	16.2	7.0	0.0
-25°	108.8	66.2	38.4	26.7	15.8	6.9	0.0
-27.5°	112.9	66.9	37.3	26.0	15.4	6.7	0.0
-30°	116.1	66.9	36.3	25.2	15.0	6.6	0.0
-32.5°	118.3	66.1	37.2	24.4	14.5	6.4	0.0
-35°	117.8	64.4	37.8	23.4	14.0	6.2	0.0
-37.5°	115.3	62.9	37.9	22.5	13.5	6.0	0.0
-40°	111.6	62.9	37.6	21.4	13.0	5.8	0.0
-42.5°	106.6	62.2	37.0	20.5	12.4	5.6	0.0
-45°	100.4	60.8	35.9	19.7	11.8	5.4	0.0
-47.5°	92.9	58.7	34.6	18.7	11.1	5.1	0.0
-50°	88.4	56.0	32.8	17.8	10.5	4.9	0.0
-52.5°	83.7	52.5	30.7	16.9	9.8	4.6	0.0
-55°	78.0	48.8	28.2	15.9	9.1	4.4	0.0
-57.5°	71.4	44.6	25.3	14.8	8.3	4.1	0.0
-60°	63.9	39.8	22.2	13.6	7.6	3.8	0.0
-62.5°	56.5	34.6	20.2	12.3	7.0	3.5	0.0
-65°	48.5	28.9	18.0	10.9	6.4	3.2	0.0
-67.5°	39.8	24.2	15.7	9.4	5.8	2.9	0.0
-70°	30.5	20.6	13.3	7.9	5.2	2.6	0.0
-72.5°	24.8	16.9	10.7	6.8	4.6	2.3	0.0
-75°	19.4	13.0	8.1	5.9	3.9	2.0	0.0
-77.5°	13.9	9.0	6.5	4.9	3.3	1.6	0.0
-80°	8.3	6.5	5.3	3.9	2.6	1.3	0.0
-82.5°	5.9	4.9	3.9	3.0	2.0	1.0	0.0
-85°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-87.5°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)