

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: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-935-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (80) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

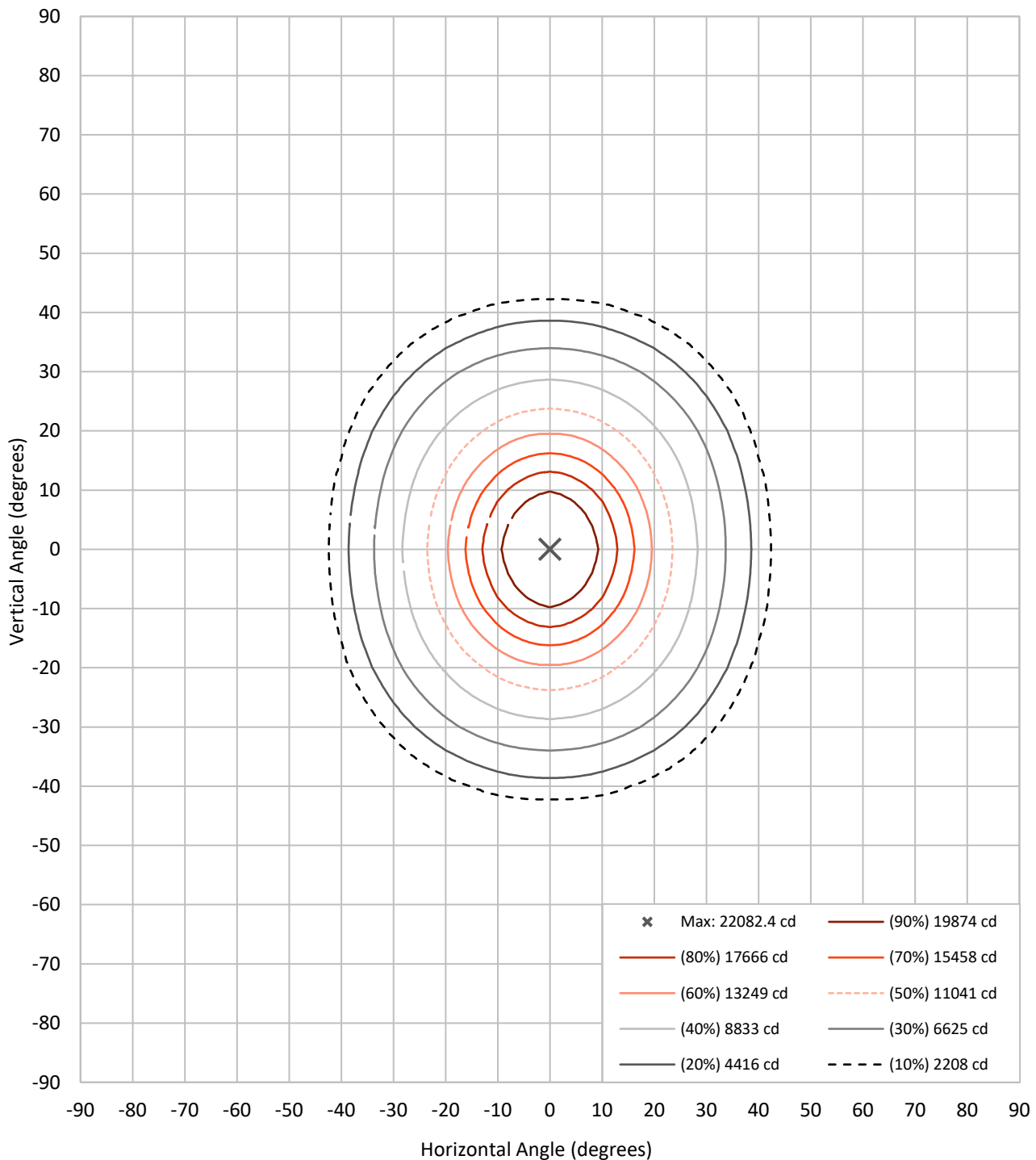
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17190 lumens	Max Intensity:	22082.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8111.4 lumens	Field Lumens:	15608.5 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 185  
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





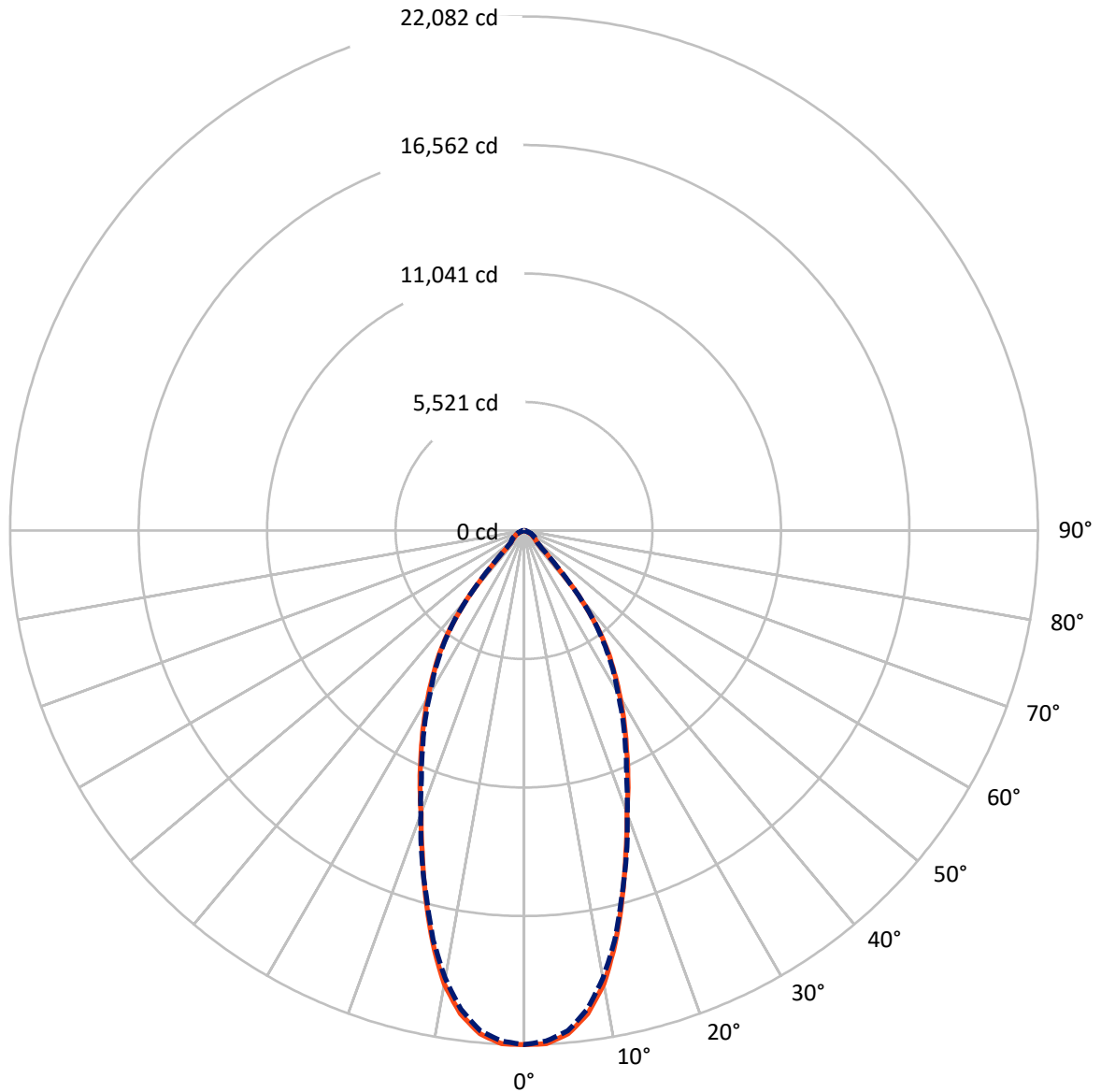
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### Lumen Table

90																
80	0.3	2.1		4.7		7.8		6.0		7.8		4.7		2.1		0.3
70																
60	1.2	1.4	2.5	3.9	5.5	6.9	7.9	8.5	8.5	7.9	6.9	5.5	3.9	2.5	1.4	1.2
50		2.1	4.1	6.9	9.9	12.3	14.1	15.5	15.5	14.1	12.3	9.9	6.9	4.1	2.1	
40	1.8	2.7	5.7	9.7	14.1	19.3	30.5	42.8	42.8	30.5	19.3	14.1	9.7	5.7	2.7	1.8
30		3.3	7.2	12.1	22.7	72.4	141.0	179.7	179.7	141.0	72.4	22.7	12.1	7.2	3.3	
20	2.0	3.9	8.4	15.1	66.2	173.1	255.4	309.2	309.2	255.4	173.1	66.2	15.1	8.4	3.9	2.0
10		4.4	9.4	23.1	120.4	238.9	362.9	472.4	472.4	362.9	238.9	120.4	23.1	9.4	4.4	
0	2.1	4.6	10.1	31.9	146.7	278.7	456.5	617.4	617.4	456.5	278.7	146.7	31.9	10.1	4.6	2.1
-10		4.6	10.1	31.9	146.7	278.7	456.5	617.4	617.4	456.5	278.7	146.7	31.9	10.1	4.6	
-20	2.0	4.4	9.4	23.1	120.4	238.9	362.9	472.4	472.4	362.9	238.9	120.4	23.1	9.4	4.4	2.0
-30		3.9	8.4	15.1	66.2	173.1	255.4	309.2	309.2	255.4	173.1	66.2	15.1	8.4	3.9	
-40	1.8	3.3	7.2	12.1	22.7	72.4	141.0	179.7	179.7	141.0	72.4	22.7	12.1	7.2	3.3	1.8
-50		2.7	5.7	9.7	14.1	19.3	30.5	42.8	42.8	30.5	19.3	14.1	9.7	5.7	2.7	
-60	1.2	2.1	4.1	6.9	9.9	12.3	14.1	15.5	15.5	14.1	12.3	9.9	6.9	4.1	2.1	1.2
-70		1.4	2.5	3.9	5.5	6.9	7.9	8.5	8.5	7.9	6.9	5.5	3.9	2.5	1.4	
-80																
-90	0.3	2.1		4.7		7.8		6.0		7.8		4.7		2.1		0.3

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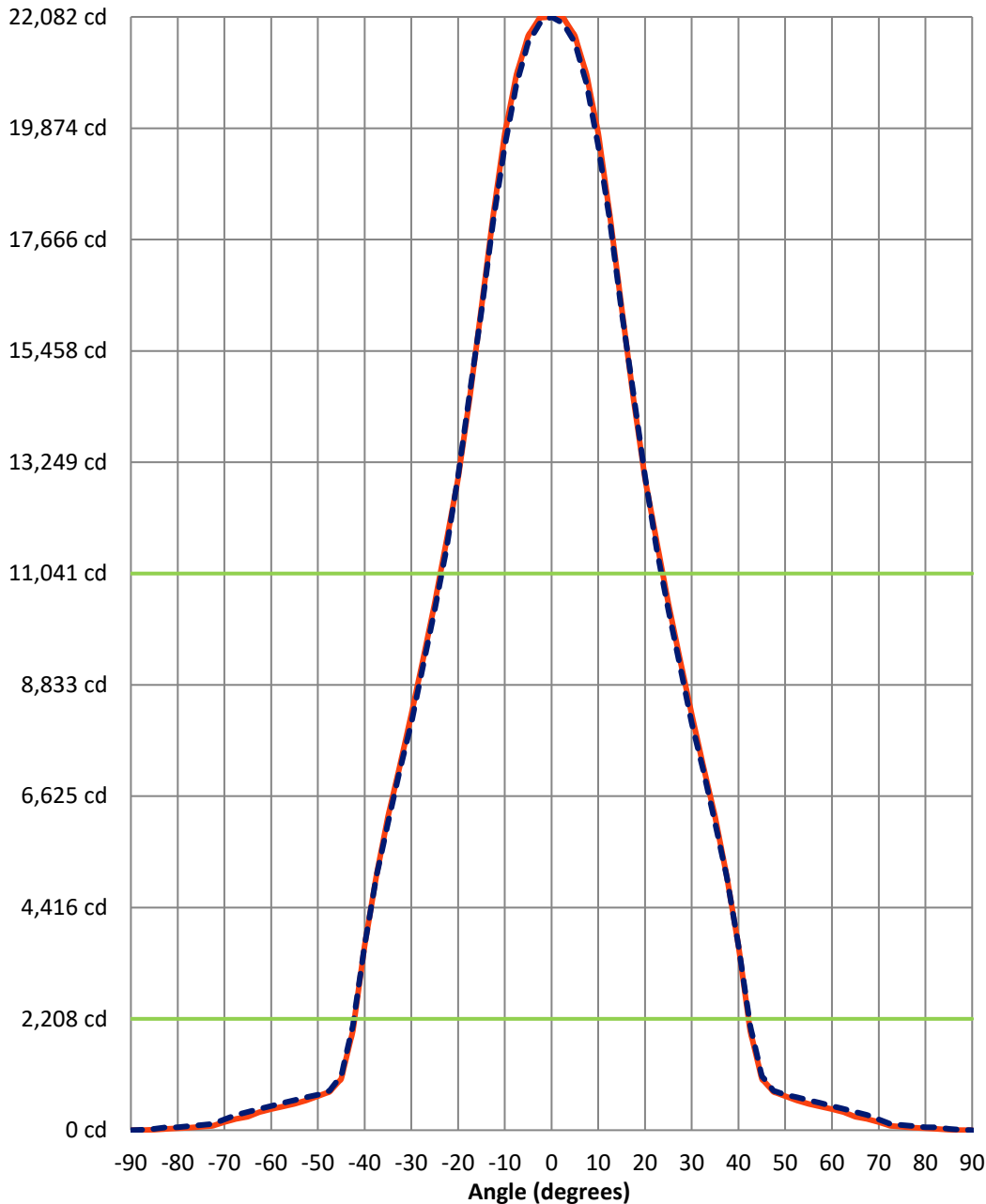
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 8111.4  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 15608.5  
Efficiency: 90.8%

**Spill:**  
Lumens: 1581.5  
Efficiency: 9.2%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.7	4.0	4.2
85°	0.0	0.7	1.4	2.4	3.4	4.7	6.0	6.7	7.4	7.9	8.4
82.5°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.1	11.3	13.6	15.2
80°	0.0	1.4	2.9	4.7	6.8	9.2	12.4	16.4	19.6	22.0	23.7
77.5°	0.0	1.8	3.6	5.9	8.5	12.6	19.4	24.3	27.9	30.6	33.0
75°	0.0	2.1	4.3	7.0	10.6	18.0	26.3	32.2	36.4	41.0	44.5
72.5°	0.0	2.5	5.0	8.1	14.5	23.2	33.1	40.6	47.0	52.2	56.1
70°	0.0	2.8	5.7	9.5	18.3	28.3	39.9	50.4	57.6	63.5	72.6
67.5°	0.0	3.2	6.3	12.1	22.0	33.3	47.7	60.3	68.4	77.8	89.8
65°	0.0	3.5	7.0	14.6	25.6	38.6	55.2	70.2	79.6	91.5	105.9
62.5°	0.0	3.8	7.7	17.0	29.0	44.2	62.4	79.1	90.3	104.7	120.9
60°	0.0	4.1	8.3	19.3	32.3	49.6	69.3	87.3	100.4	118.1	135.6
57.5°	0.0	4.5	9.7	21.5	36.1	54.6	73.9	94.5	111.8	131.3	148.5
55°	0.0	4.8	11.2	23.6	39.6	59.4	77.9	99.7	123.3	143.7	160.3
52.5°	0.0	5.1	12.5	25.7	43.0	63.4	81.2	106.9	134.6	154.2	171.9
50°	0.0	5.3	13.9	27.5	46.2	65.5	84.0	113.6	145.0	164.5	184.8
47.5°	0.0	5.6	15.1	29.4	49.1	67.1	86.6	119.4	154.0	174.5	197.4
45°	0.0	5.9	16.3	31.4	51.7	68.3	90.8	124.5	158.5	185.3	209.5
42.5°	0.0	6.1	17.5	33.2	54.1	69.1	94.4	128.0	162.1	195.7	221.8
40°	0.0	6.4	18.6	35.1	55.4	69.5	97.3	130.3	165.1	204.9	233.8
37.5°	0.0	6.6	19.6	37.0	55.5	69.5	99.5	132.0	168.5	209.4	245.2
35°	0.0	6.8	20.5	38.9	55.4	70.4	101.1	132.9	171.4	216.1	256.2
32.5°	0.0	7.0	21.4	40.8	55.1	71.5	101.9	133.1	173.7	224.3	266.2
30°	0.0	7.2	22.2	42.6	54.6	72.1	101.8	133.1	175.5	233.8	276.1
27.5°	0.0	7.4	23.0	44.3	55.1	72.3	101.2	134.0	178.9	244.4	285.7
25°	0.0	7.5	23.7	46.0	55.8	72.1	100.1	134.4	186.1	253.3	295.2
22.5°	0.0	7.7	24.3	47.5	56.3	72.2	98.5	134.2	193.6	260.7	306.9
20°	0.0	7.8	24.8	49.0	56.8	74.1	96.4	133.5	201.2	267.6	317.5
17.5°	0.0	7.9	25.3	50.4	57.1	75.8	96.6	132.3	208.8	273.9	326.9
15°	0.0	8.0	25.7	51.6	57.4	77.2	98.0	131.9	216.0	279.7	335.2
12.5°	0.0	8.1	26.0	52.8	57.6	78.4	99.2	132.4	221.0	284.9	342.4
10°	0.0	8.2	26.2	53.8	57.8	79.4	100.1	132.1	223.1	289.1	348.4
7.5°	0.0	8.2	26.4	54.7	57.9	80.2	100.7	131.0	223.3	293.3	353.5
5°	0.0	8.3	26.5	55.4	58.0	80.8	101.1	129.3	221.8	297.0	357.4
2.5°	0.0	8.3	26.5	56.0	58.0	81.1	101.2	127.0	218.6	300.0	360.0
0°	0.0	8.3	26.5	56.4	58.0	81.2	101.1	124.3	213.9	301.7	361.4
-2.5°	0.0	8.3	26.5	56.0	58.0	81.1	101.2	127.0	218.6	300.0	360.0
-5°	0.0	8.3	26.5	55.4	58.0	80.8	101.1	129.3	221.8	297.0	357.4
-7.5°	0.0	8.2	26.4	54.7	57.9	80.2	100.7	131.0	223.3	293.3	353.5
-10°	0.0	8.2	26.2	53.8	57.8	79.4	100.1	132.1	223.1	289.1	348.4
-12.5°	0.0	8.1	26.0	52.8	57.6	78.4	99.2	132.4	221.0	284.9	342.4
-15°	0.0	8.0	25.7	51.6	57.4	77.2	98.0	131.9	216.0	279.7	335.2
-17.5°	0.0	7.9	25.3	50.4	57.1	75.8	96.6	132.3	208.8	273.9	326.9
-20°	0.0	7.8	24.8	49.0	56.8	74.1	96.4	133.5	201.2	267.6	317.5



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 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.7	24.3	47.5	56.3	72.2	98.5	134.2	193.6	260.7	306.9
-25°	0.0	7.5	23.7	46.0	55.8	72.1	100.1	134.4	186.1	253.3	295.2
-27.5°	0.0	7.4	23.0	44.3	55.1	72.3	101.2	134.0	178.9	244.4	285.7
-30°	0.0	7.2	22.2	42.6	54.6	72.1	101.8	133.1	175.5	233.8	276.1
-32.5°	0.0	7.0	21.4	40.8	55.1	71.5	101.9	133.1	173.7	224.3	266.2
-35°	0.0	6.8	20.5	38.9	55.4	70.4	101.1	132.9	171.4	216.1	256.2
-37.5°	0.0	6.6	19.6	37.0	55.5	69.5	99.5	132.0	168.5	209.4	245.2
-40°	0.0	6.4	18.6	35.1	55.4	69.5	97.3	130.3	165.1	204.9	233.8
-42.5°	0.0	6.1	17.5	33.2	54.1	69.1	94.4	128.0	162.1	195.7	221.8
-45°	0.0	5.9	16.3	31.4	51.7	68.3	90.8	124.5	158.5	185.3	209.5
-47.5°	0.0	5.6	15.1	29.4	49.1	67.1	86.6	119.4	154.0	174.5	197.4
-50°	0.0	5.3	13.9	27.5	46.2	65.5	84.0	113.6	145.0	164.5	184.8
-52.5°	0.0	5.1	12.5	25.7	43.0	63.4	81.2	106.9	134.6	154.2	171.9
-55°	0.0	4.8	11.2	23.6	39.6	59.4	77.9	99.7	123.3	143.7	160.3
-57.5°	0.0	4.5	9.7	21.5	36.1	54.6	73.9	94.5	111.8	131.3	148.5
-60°	0.0	4.1	8.3	19.3	32.3	49.6	69.3	87.3	100.4	118.1	135.6
-62.5°	0.0	3.8	7.7	17.0	29.0	44.2	62.4	79.1	90.3	104.7	120.9
-65°	0.0	3.5	7.0	14.6	25.6	38.6	55.2	70.2	79.6	91.5	105.9
-67.5°	0.0	3.2	6.3	12.1	22.0	33.3	47.7	60.3	68.4	77.8	89.8
-70°	0.0	2.8	5.7	9.5	18.3	28.3	39.9	50.4	57.6	63.5	72.6
-72.5°	0.0	2.5	5.0	8.1	14.5	23.2	33.1	40.6	47.0	52.2	56.1
-75°	0.0	2.1	4.3	7.0	10.6	18.0	26.3	32.2	36.4	41.0	44.5
-77.5°	0.0	1.8	3.6	5.9	8.5	12.6	19.4	24.3	27.9	30.6	33.0
-80°	0.0	1.4	2.9	4.7	6.8	9.2	12.4	16.4	19.6	22.0	23.7
-82.5°	0.0	1.1	2.2	3.6	5.2	7.0	9.0	10.1	11.3	13.6	15.2
-85°	0.0	0.7	1.4	2.4	3.4	4.7	6.0	6.7	7.4	7.9	8.4
-87.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.7	4.0	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





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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°	4.2	4.1	4.0	3.8	3.5	3.2	2.8	2.3	2.4	2.5	2.6
85°	8.4	8.3	8.9	9.5	9.8	9.7	9.4	8.9	10.2	11.7	13.3
82.5°	16.7	18.2	19.6	21.0	21.0	20.5	19.8	19.0	21.9	25.5	29.4
80°	25.9	28.1	31.4	34.7	35.6	35.3	34.2	32.3	36.4	42.3	48.9
77.5°	37.1	41.6	46.1	50.7	51.8	50.9	48.7	45.3	50.4	59.9	70.5
75°	49.3	55.0	62.2	67.8	69.0	67.0	63.7	60.8	67.0	78.8	90.1
72.5°	64.4	73.6	80.7	85.7	86.1	84.3	82.7	81.2	88.1	102.1	113.7
70°	83.6	92.9	98.4	101.5	102.2	103.3	108.0	112.5	119.4	131.4	140.9
67.5°	102.6	110.1	115.1	118.7	125.8	132.6	139.1	145.8	153.5	163.7	170.9
65°	119.6	127.3	133.9	142.5	152.9	161.0	169.7	179.2	189.8	199.4	206.3
62.5°	136.5	144.6	153.9	165.2	177.3	188.3	201.1	214.2	226.8	237.7	249.6
60°	150.3	161.2	173.5	187.2	201.7	218.5	233.9	249.0	262.9	276.5	293.2
57.5°	163.4	178.2	193.3	209.7	228.8	249.2	267.2	283.8	301.2	320.9	337.3
55°	177.1	195.7	213.1	233.0	255.7	280.3	300.1	318.8	340.2	363.8	382.2
52.5°	192.0	212.5	233.0	256.8	284.2	308.7	329.4	352.7	378.7	404.3	425.7
50°	206.5	229.1	252.8	283.1	310.3	333.6	359.3	387.5	414.6	440.9	466.2
47.5°	221.0	245.2	276.7	307.6	333.1	360.5	390.4	419.4	447.9	475.4	501.8
45°	235.3	264.0	299.0	328.3	356.6	388.1	419.1	449.4	479.4	508.6	537.4
42.5°	249.0	282.4	317.6	348.3	380.9	413.8	446.2	478.3	510.0	541.2	572.0
40°	264.0	299.2	336.2	369.8	403.8	438.1	472.2	506.1	539.5	572.6	605.2
37.5°	277.9	316.6	355.2	390.3	425.3	461.2	497.0	532.9	568.1	602.6	639.8
35°	290.2	334.2	373.2	410.0	446.7	483.1	520.9	558.6	595.8	633.2	680.6
32.5°	304.1	352.0	390.2	428.9	466.9	504.5	543.7	583.6	623.2	666.9	735.0
30°	319.8	366.8	406.3	447.0	485.9	525.3	565.9	607.6	649.2	717.2	874.5
27.5°	335.1	380.4	421.9	463.6	503.7	544.6	587.1	630.3	688.3	792.9	1048.0
25°	349.2	393.5	436.5	478.8	520.2	562.6	606.6	651.4	730.1	941.4	1505.1
22.5°	361.2	406.1	450.8	492.7	535.1	578.9	624.6	684.2	805.8	1091.4	2013.7
20°	371.3	418.1	463.8	507.4	549.1	593.4	641.0	715.4	920.7	1519.5	2623.2
17.5°	380.8	429.0	475.9	521.3	565.1	608.6	657.5	742.4	1024.2	1891.6	3236.0
15°	389.5	438.8	487.0	534.4	579.7	625.0	683.4	818.9	1233.5	2260.9	3781.9
12.5°	397.3	447.4	497.2	546.5	592.8	639.7	706.6	894.9	1489.8	2694.3	4154.4
10°	404.1	454.7	506.3	557.5	604.4	652.5	726.3	957.3	1700.6	3050.6	4453.9
7.5°	410.5	461.8	514.7	567.3	614.4	663.5	742.3	1006.0	1863.4	3319.0	4692.8
5°	415.8	468.8	524.7	578.0	627.0	675.6	756.1	1041.0	1977.7	3499.9	4866.8
2.5°	419.9	474.6	533.3	587.4	640.8	690.2	771.9	1066.9	2051.5	3615.1	4978.1
0°	422.7	479.1	540.5	595.2	653.2	702.9	784.2	1079.3	2078.9	3657.2	5019.9
-2.5°	419.9	474.6	533.3	587.4	640.8	690.2	771.9	1066.9	2051.5	3615.1	4978.1
-5°	415.8	468.8	524.7	578.0	627.0	675.6	756.1	1041.0	1977.7	3499.9	4866.8
-7.5°	410.5	461.8	514.7	567.3	614.4	663.5	742.3	1006.0	1863.4	3319.0	4692.8
-10°	404.1	454.7	506.3	557.5	604.4	652.5	726.3	957.3	1700.6	3050.6	4453.9
-12.5°	397.3	447.4	497.2	546.5	592.8	639.7	706.6	894.9	1489.8	2694.3	4154.4
-15°	389.5	438.8	487.0	534.4	579.7	625.0	683.4	818.9	1233.5	2260.9	3781.9
-17.5°	380.8	429.0	475.9	521.3	565.1	608.6	657.5	742.4	1024.2	1891.6	3236.0
-20°	371.3	418.1	463.8	507.4	549.1	593.4	641.0	715.4	920.7	1519.5	2623.2



REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	361.2	406.1	450.8	492.7	535.1	578.9	624.6	684.2	805.8	1091.4	2013.7
-25°	349.2	393.5	436.5	478.8	520.2	562.6	606.6	651.4	730.1	941.4	1505.1
-27.5°	335.1	380.4	421.9	463.6	503.7	544.6	587.1	630.3	688.3	792.9	1048.0
-30°	319.8	366.8	406.3	447.0	485.9	525.3	565.9	607.6	649.2	717.2	874.5
-32.5°	304.1	352.0	390.2	428.9	466.9	504.5	543.7	583.6	623.2	666.9	735.0
-35°	290.2	334.2	373.2	410.0	446.7	483.1	520.9	558.6	595.8	633.2	680.6
-37.5°	277.9	316.6	355.2	390.3	425.3	461.2	497.0	532.9	568.1	602.6	639.8
-40°	264.0	299.2	336.2	369.8	403.8	438.1	472.2	506.1	539.5	572.6	605.2
-42.5°	249.0	282.4	317.6	348.3	380.9	413.8	446.2	478.3	510.0	541.2	572.0
-45°	235.3	264.0	299.0	328.3	356.6	388.1	419.1	449.4	479.4	508.6	537.4
-47.5°	221.0	245.2	276.7	307.6	333.1	360.5	390.4	419.4	447.9	475.4	501.8
-50°	206.5	229.1	252.8	283.1	310.3	333.6	359.3	387.5	414.6	440.9	466.2
-52.5°	192.0	212.5	233.0	256.8	284.2	308.7	329.4	352.7	378.7	404.3	425.7
-55°	177.1	195.7	213.1	233.0	255.7	280.3	300.1	318.8	340.2	363.8	382.2
-57.5°	163.4	178.2	193.3	209.7	228.8	249.2	267.2	283.8	301.2	320.9	337.3
-60°	150.3	161.2	173.5	187.2	201.7	218.5	233.9	249.0	262.9	276.5	293.2
-62.5°	136.5	144.6	153.9	165.2	177.3	188.3	201.1	214.2	226.8	237.7	249.6
-65°	119.6	127.3	133.9	142.5	152.9	161.0	169.7	179.2	189.8	199.4	206.3
-67.5°	102.6	110.1	115.1	118.7	125.8	132.6	139.1	145.8	153.5	163.7	170.9
-70°	83.6	92.9	98.4	101.5	102.2	103.3	108.0	112.5	119.4	131.4	140.9
-72.5°	64.4	73.6	80.7	85.7	86.1	84.3	82.7	81.2	88.1	102.1	113.7
-75°	49.3	55.0	62.2	67.8	69.0	67.0	63.7	60.8	67.0	78.8	90.1
-77.5°	37.1	41.6	46.1	50.7	51.8	50.9	48.7	45.3	50.4	59.9	70.5
-80°	25.9	28.1	31.4	34.7	35.6	35.3	34.2	32.3	36.4	42.3	48.9
-82.5°	16.7	18.2	19.6	21.0	21.0	20.5	19.8	19.0	21.9	25.5	29.4
-85°	8.4	8.3	8.9	9.5	9.8	9.7	9.4	8.9	10.2	11.7	13.3
-87.5°	4.2	4.1	4.0	3.8	3.5	3.2	2.8	2.3	2.4	2.5	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	2.5
85°	14.9	14.5	13.7	12.7	11.5	12.1	12.8	13.5	14.1	13.2	12.1
82.5°	33.5	33.9	33.9	33.8	33.6	35.0	36.4	37.6	38.7	35.7	32.3
80°	56.3	59.0	60.6	62.0	63.3	63.3	62.5	60.9	58.8	53.8	48.3
77.5°	81.4	85.6	87.7	89.9	92.1	92.8	93.3	93.9	94.4	85.7	74.5
75°	101.0	107.2	110.9	114.3	117.4	119.2	120.2	120.8	121.1	110.6	97.0
72.5°	123.2	129.3	133.7	137.9	141.8	144.3	145.8	147.0	147.7	138.5	125.5
70°	147.7	152.5	157.7	162.9	167.7	171.0	173.2	174.9	176.2	175.3	174.6
67.5°	176.6	180.9	187.2	192.2	197.3	200.8	204.5	207.4	209.6	212.1	214.8
65°	212.9	223.1	232.4	237.2	237.9	243.0	251.4	256.8	259.5	261.7	264.4
62.5°	263.4	275.8	282.5	290.4	300.6	310.1	313.7	318.7	324.5	331.6	339.7
60°	306.7	316.9	327.5	338.5	347.9	355.8	364.3	372.8	380.5	387.6	394.5
57.5°	350.9	362.1	372.9	385.8	394.7	400.0	408.4	418.5	426.4	432.5	441.8
55°	396.8	411.3	426.0	437.5	446.0	451.6	457.9	467.7	473.5	475.8	486.5
52.5°	442.9	460.1	478.2	491.7	500.7	509.1	516.9	525.5	531.4	534.2	544.7
50°	485.6	506.1	526.3	544.0	555.9	569.8	585.5	593.3	598.3	603.9	615.6
47.5°	526.2	549.1	570.8	590.7	608.0	623.6	637.1	650.2	669.4	684.6	699.7
45°	565.3	589.7	613.2	635.6	654.8	685.4	714.4	739.2	805.3	860.9	903.4
42.5°	602.1	631.6	658.0	695.3	736.0	806.5	915.3	1016.2	1211.4	1462.6	1672.4
40°	640.4	678.7	725.9	798.7	936.3	1077.8	1500.9	1877.9	2248.7	2670.4	3031.8
37.5°	685.2	742.8	881.3	1045.7	1487.1	1975.2	2574.8	3163.4	3675.9	4114.4	4480.5
35°	744.4	922.5	1181.4	1780.4	2432.4	3232.9	3923.9	4477.4	4983.7	5390.0	5695.8
32.5°	919.1	1244.9	1928.7	2752.5	3649.5	4422.8	5095.8	5625.8	6087.7	6451.8	6735.4
30°	1174.9	1923.7	2852.3	3839.0	4732.4	5470.7	6092.6	6597.8	7010.1	7380.6	7691.7
27.5°	1782.7	2746.2	3837.7	4844.1	5656.7	6347.9	6905.9	7406.3	7860.7	8250.9	8618.7
25°	2447.7	3640.5	4741.5	5657.4	6415.8	7064.3	7652.7	8200.0	8708.9	9165.6	9593.4
22.5°	3246.4	4436.0	5488.2	6335.9	7070.8	7737.0	8362.0	8971.2	9563.5	10120.8	10638.4
20°	3969.5	5137.1	6054.6	6901.2	7664.7	8358.9	9047.7	9757.7	10441.3	11112.5	11735.8
17.5°	4533.1	5619.2	6540.3	7398.5	8175.6	8961.8	9750.1	10565.6	11390.1	12169.6	12915.2
15°	5003.6	6021.4	6954.9	7813.0	8667.4	9534.9	10415.6	11376.2	12357.0	13290.0	14240.3
12.5°	5337.2	6357.0	7303.4	8164.5	9122.3	10064.0	11089.2	12184.1	13316.7	14403.5	15570.9
10°	5605.4	6624.8	7563.2	8491.6	9505.4	10549.5	11699.2	12905.2	14256.8	15543.7	16801.5
7.5°	5835.5	6848.2	7772.0	8758.4	9824.1	10971.7	12222.2	13585.6	15048.3	16480.3	17977.5
5°	6003.9	7000.4	7934.2	8977.1	10069.1	11280.1	12625.5	14082.4	15651.0	17220.1	18700.6
2.5°	6093.0	7087.3	8035.0	9112.8	10212.8	11467.0	12868.2	14412.4	16069.3	17781.3	19241.2
0°	6090.9	7123.7	8073.7	9204.3	10318.4	11523.7	12972.6	14623.8	16240.2	18019.1	19517.8
-2.5°	6093.0	7087.3	8035.0	9112.8	10212.8	11467.0	12868.2	14412.4	16069.3	17781.3	19241.2
-5°	6003.9	7000.4	7934.2	8977.1	10069.1	11280.1	12625.5	14082.4	15651.0	17220.1	18700.6
-7.5°	5835.5	6848.2	7772.0	8758.4	9824.1	10971.7	12222.2	13585.6	15048.3	16480.3	17977.5
-10°	5605.4	6624.8	7563.2	8491.6	9505.4	10549.5	11699.2	12905.2	14256.8	15543.7	16801.5
-12.5°	5337.2	6357.0	7303.4	8164.5	9122.3	10064.0	11089.2	12184.1	13316.7	14403.5	15570.9
-15°	5003.6	6021.4	6954.9	7813.0	8667.4	9534.9	10415.6	11376.2	12357.0	13290.0	14240.3
-17.5°	4533.1	5619.2	6540.3	7398.5	8175.6	8961.8	9750.1	10565.6	11390.1	12169.6	12915.2
-20°	3969.5	5137.1	6054.6	6901.2	7664.7	8358.9	9047.7	9757.7	10441.3	11112.5	11735.8



REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3246.4	4436.0	5488.2	6335.9	7070.8	7737.0	8362.0	8971.2	9563.5	10120.8	10638.4
-25°	2447.7	3640.5	4741.5	5657.4	6415.8	7064.3	7652.7	8200.0	8708.9	9165.6	9593.4
-27.5°	1782.7	2746.2	3837.7	4844.1	5656.7	6347.9	6905.9	7406.3	7860.7	8250.9	8618.7
-30°	1174.9	1923.7	2852.3	3839.0	4732.4	5470.7	6092.6	6597.8	7010.1	7380.6	7691.7
-32.5°	919.1	1244.9	1928.7	2752.5	3649.5	4422.8	5095.8	5625.8	6087.7	6451.8	6735.4
-35°	744.4	922.5	1181.4	1780.4	2432.4	3232.9	3923.9	4477.4	4983.7	5390.0	5695.8
-37.5°	685.2	742.8	881.3	1045.7	1487.1	1975.2	2574.8	3163.4	3675.9	4114.4	4480.5
-40°	640.4	678.7	725.9	798.7	936.3	1077.8	1500.9	1877.9	2248.7	2670.4	3031.8
-42.5°	602.1	631.6	658.0	695.3	736.0	806.5	915.3	1016.2	1211.4	1462.6	1672.4
-45°	565.3	589.7	613.2	635.6	654.8	685.4	714.4	739.2	805.3	860.9	903.4
-47.5°	526.2	549.1	570.8	590.7	608.0	623.6	637.1	650.2	669.4	684.6	699.7
-50°	485.6	506.1	526.3	544.0	555.9	569.8	585.5	593.3	598.3	603.9	615.6
-52.5°	442.9	460.1	478.2	491.7	500.7	509.1	516.9	525.5	531.4	534.2	544.7
-55°	396.8	411.3	426.0	437.5	446.0	451.6	457.9	467.7	473.5	475.8	486.5
-57.5°	350.9	362.1	372.9	385.8	394.7	400.0	408.4	418.5	426.4	432.5	441.8
-60°	306.7	316.9	327.5	338.5	347.9	355.8	364.3	372.8	380.5	387.6	394.5
-62.5°	263.4	275.8	282.5	290.4	300.6	310.1	313.7	318.7	324.5	331.6	339.7
-65°	212.9	223.1	232.4	237.2	237.9	243.0	251.4	256.8	259.5	261.7	264.4
-67.5°	176.6	180.9	187.2	192.2	197.3	200.8	204.5	207.4	209.6	212.1	214.8
-70°	147.7	152.5	157.7	162.9	167.7	171.0	173.2	174.9	176.2	175.3	174.6
-72.5°	123.2	129.3	133.7	137.9	141.8	144.3	145.8	147.0	147.7	138.5	125.5
-75°	101.0	107.2	110.9	114.3	117.4	119.2	120.2	120.8	121.1	110.6	97.0
-77.5°	81.4	85.6	87.7	89.9	92.1	92.8	93.3	93.9	94.4	85.7	74.5
-80°	56.3	59.0	60.6	62.0	63.3	63.3	62.5	60.9	58.8	53.8	48.3
-82.5°	33.5	33.9	33.9	33.8	33.6	35.0	36.4	37.6	38.7	35.7	32.3
-85°	14.9	14.5	13.7	12.7	11.5	12.1	12.8	13.5	14.1	13.2	12.1
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	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: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.2	3.1
85°	11.0	9.8	9.9	9.9	9.9	9.8	11.0	12.1	13.2	14.1	13.5
82.5°	28.7	24.8	24.9	24.9	24.9	24.8	28.7	32.3	35.7	38.7	37.6
80°	42.5	36.5	37.2	38.1	37.2	36.5	42.5	48.3	53.8	58.8	60.9
77.5°	62.6	50.1	49.6	49.7	49.6	50.1	62.6	74.5	85.7	94.4	93.9
75°	83.0	68.6	67.9	68.0	67.9	68.6	83.0	97.0	110.6	121.1	120.8
72.5°	112.1	98.3	92.1	86.2	92.1	98.3	112.1	125.5	138.5	147.7	147.0
70°	174.7	175.1	169.0	160.8	169.0	175.1	174.7	174.6	175.3	176.2	174.9
67.5°	217.2	219.0	221.5	223.8	221.5	219.0	217.2	214.8	212.1	209.6	207.4
65°	265.6	265.5	266.4	266.9	266.4	265.5	265.6	264.4	261.7	259.5	256.8
62.5°	346.6	352.2	356.1	358.1	356.1	352.2	346.6	339.7	331.6	324.5	318.7
60°	400.3	404.8	411.3	417.8	411.3	404.8	400.3	394.5	387.6	380.5	372.8
57.5°	450.4	458.1	464.5	469.2	464.5	458.1	450.4	441.8	432.5	426.4	418.5
55°	496.7	505.7	514.4	522.2	514.4	505.7	496.7	486.5	475.8	473.5	467.7
52.5°	554.8	562.3	574.6	590.2	574.6	562.3	554.8	544.7	534.2	531.4	525.5
50°	629.1	640.3	655.9	674.7	655.9	640.3	629.1	615.6	603.9	598.3	593.3
47.5°	715.0	726.3	741.2	760.9	741.2	726.3	715.0	699.7	684.6	669.4	650.2
45°	942.1	968.6	992.9	1019.6	992.9	968.6	942.1	903.4	860.9	805.3	739.2
42.5°	1840.6	1956.9	2007.1	1977.8	2007.1	1956.9	1840.6	1672.4	1462.6	1211.4	1016.2
40°	3307.3	3500.6	3614.3	3653.9	3614.3	3500.6	3307.3	3031.8	2670.4	2248.7	1877.9
37.5°	4747.9	4925.8	5021.8	5033.2	5021.8	4925.8	4747.9	4480.5	4114.4	3675.9	3163.4
35°	5916.6	6063.2	6150.0	6215.2	6150.0	6063.2	5916.6	5695.8	5390.0	4983.7	4477.4
32.5°	6966.2	7133.2	7229.8	7208.3	7229.8	7133.2	6966.2	6735.4	6451.8	6087.7	5625.8
30°	7946.7	8129.3	8242.7	8246.1	8242.7	8129.3	7946.7	7691.7	7380.6	7010.1	6597.8
27.5°	8916.0	9121.1	9239.4	9332.0	9239.4	9121.1	8916.0	8618.7	8250.9	7860.7	7406.3
25°	9950.1	10205.7	10357.5	10449.4	10357.5	10205.7	9950.1	9593.4	9165.6	8708.9	8200.0
22.5°	11065.1	11381.8	11589.7	11676.2	11589.7	11381.8	11065.1	10638.4	10120.8	9563.5	8971.2
20°	12278.0	12670.3	12935.9	12927.8	12935.9	12670.3	12278.0	11735.8	11112.5	10441.3	9757.7
17.5°	13631.2	14137.3	14479.8	14529.3	14479.8	14137.3	13631.2	12915.2	12169.6	11390.1	10565.6
15°	15082.0	15734.5	16177.5	16314.8	16177.5	15734.5	15082.0	14240.3	13290.0	12357.0	11376.2
12.5°	16568.8	17344.9	17935.4	18131.8	17935.4	17344.9	16568.8	15570.9	14403.5	13316.7	12184.1
10°	17985.4	18845.0	19486.0	19769.8	19486.0	18845.0	17985.4	16801.5	15543.7	14256.8	12905.2
7.5°	19169.6	20043.0	20703.3	20936.9	20703.3	20043.0	19169.6	17977.5	16480.3	15048.3	13585.6
5°	19949.7	20904.0	21417.4	21706.1	21417.4	20904.0	19949.7	18700.6	17220.1	15651.0	14082.4
2.5°	20471.0	21280.2	21800.1	22065.9	21800.1	21280.2	20471.0	19241.2	17781.3	16069.3	14412.4
0°	20747.9	21571.8	21953.1	22082.4	21953.1	21571.8	20747.9	19517.8	18019.1	16240.2	14623.8
-2.5°	20471.0	21280.2	21800.1	22065.9	21800.1	21280.2	20471.0	19241.2	17781.3	16069.3	14412.4
-5°	19949.7	20904.0	21417.4	21706.1	21417.4	20904.0	19949.7	18700.6	17220.1	15651.0	14082.4
-7.5°	19169.6	20043.0	20703.3	20936.9	20703.3	20043.0	19169.6	17977.5	16480.3	15048.3	13585.6
-10°	17985.4	18845.0	19486.0	19769.8	19486.0	18845.0	17985.4	16801.5	15543.7	14256.8	12905.2
-12.5°	16568.8	17344.9	17935.4	18131.8	17935.4	17344.9	16568.8	15570.9	14403.5	13316.7	12184.1
-15°	15082.0	15734.5	16177.5	16314.8	16177.5	15734.5	15082.0	14240.3	13290.0	12357.0	11376.2
-17.5°	13631.2	14137.3	14479.8	14529.3	14479.8	14137.3	13631.2	12915.2	12169.6	11390.1	10565.6
-20°	12278.0	12670.3	12935.9	12927.8	12935.9	12670.3	12278.0	11735.8	11112.5	10441.3	9757.7



REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11065.1	11381.8	11589.7	11676.2	11589.7	11381.8	11065.1	10638.4	10120.8	9563.5	8971.2
-25°	9950.1	10205.7	10357.5	10449.4	10357.5	10205.7	9950.1	9593.4	9165.6	8708.9	8200.0
-27.5°	8916.0	9121.1	9239.4	9332.0	9239.4	9121.1	8916.0	8618.7	8250.9	7860.7	7406.3
-30°	7946.7	8129.3	8242.7	8246.1	8242.7	8129.3	7946.7	7691.7	7380.6	7010.1	6597.8
-32.5°	6966.2	7133.2	7229.8	7208.3	7229.8	7133.2	6966.2	6735.4	6451.8	6087.7	5625.8
-35°	5916.6	6063.2	6150.0	6215.2	6150.0	6063.2	5916.6	5695.8	5390.0	4983.7	4477.4
-37.5°	4747.9	4925.8	5021.8	5033.2	5021.8	4925.8	4747.9	4480.5	4114.4	3675.9	3163.4
-40°	3307.3	3500.6	3614.3	3653.9	3614.3	3500.6	3307.3	3031.8	2670.4	2248.7	1877.9
-42.5°	1840.6	1956.9	2007.1	1977.8	2007.1	1956.9	1840.6	1672.4	1462.6	1211.4	1016.2
-45°	942.1	968.6	992.9	1019.6	992.9	968.6	942.1	903.4	860.9	805.3	739.2
-47.5°	715.0	726.3	741.2	760.9	741.2	726.3	715.0	699.7	684.6	669.4	650.2
-50°	629.1	640.3	655.9	674.7	655.9	640.3	629.1	615.6	603.9	598.3	593.3
-52.5°	554.8	562.3	574.6	590.2	574.6	562.3	554.8	544.7	534.2	531.4	525.5
-55°	496.7	505.7	514.4	522.2	514.4	505.7	496.7	486.5	475.8	473.5	467.7
-57.5°	450.4	458.1	464.5	469.2	464.5	458.1	450.4	441.8	432.5	426.4	418.5
-60°	400.3	404.8	411.3	417.8	411.3	404.8	400.3	394.5	387.6	380.5	372.8
-62.5°	346.6	352.2	356.1	358.1	356.1	352.2	346.6	339.7	331.6	324.5	318.7
-65°	265.6	265.5	266.4	266.9	266.4	265.5	265.6	264.4	261.7	259.5	256.8
-67.5°	217.2	219.0	221.5	223.8	221.5	219.0	217.2	214.8	212.1	209.6	207.4
-70°	174.7	175.1	169.0	160.8	169.0	175.1	174.7	174.6	175.3	176.2	174.9
-72.5°	112.1	98.3	92.1	86.2	92.1	98.3	112.1	125.5	138.5	147.7	147.0
-75°	83.0	68.6	67.9	68.0	67.9	68.6	83.0	97.0	110.6	121.1	120.8
-77.5°	62.6	50.1	49.6	49.7	49.6	50.1	62.6	74.5	85.7	94.4	93.9
-80°	42.5	36.5	37.2	38.1	37.2	36.5	42.5	48.3	53.8	58.8	60.9
-82.5°	28.7	24.8	24.9	24.9	24.9	24.8	28.7	32.3	35.7	38.7	37.6
-85°	11.0	9.8	9.9	9.9	9.9	9.8	11.0	12.1	13.2	14.1	13.5
-87.5°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.8	3.2	3.1
-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: P559021 (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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	12.8	12.1	11.5	12.7	13.7	14.5	14.9	13.3	11.7	10.2	8.9
82.5°	36.4	35.0	33.6	33.8	33.9	33.9	33.5	29.4	25.5	21.9	19.0
80°	62.5	63.3	63.3	62.0	60.6	59.0	56.3	48.9	42.3	36.4	32.3
77.5°	93.3	92.8	92.1	89.9	87.7	85.6	81.4	70.5	59.9	50.4	45.3
75°	120.2	119.2	117.4	114.3	110.9	107.2	101.0	90.1	78.8	67.0	60.8
72.5°	145.8	144.3	141.8	137.9	133.7	129.3	123.2	113.7	102.1	88.1	81.2
70°	173.2	171.0	167.7	162.9	157.7	152.5	147.7	140.9	131.4	119.4	112.5
67.5°	204.5	200.8	197.3	192.2	187.2	180.9	176.6	170.9	163.7	153.5	145.8
65°	251.4	243.0	237.9	237.2	232.4	223.1	212.9	206.3	199.4	189.8	179.2
62.5°	313.7	310.1	300.6	290.4	282.5	275.8	263.4	249.6	237.7	226.8	214.2
60°	364.3	355.8	347.9	338.5	327.5	316.9	306.7	293.2	276.5	262.9	249.0
57.5°	408.4	400.0	394.7	385.8	372.9	362.1	350.9	337.3	320.9	301.2	283.8
55°	457.9	451.6	446.0	437.5	426.0	411.3	396.8	382.2	363.8	340.2	318.8
52.5°	516.9	509.1	500.7	491.7	478.2	460.1	442.9	425.7	404.3	378.7	352.7
50°	585.5	569.8	555.9	544.0	526.3	506.1	485.6	466.2	440.9	414.6	387.5
47.5°	637.1	623.6	608.0	590.7	570.8	549.1	526.2	501.8	475.4	447.9	419.4
45°	714.4	685.4	654.8	635.6	613.2	589.7	565.3	537.4	508.6	479.4	449.4
42.5°	915.3	806.5	736.0	695.3	658.0	631.6	602.1	572.0	541.2	510.0	478.3
40°	1500.9	1077.8	936.3	798.7	725.9	678.7	640.4	605.2	572.6	539.5	506.1
37.5°	2574.8	1975.2	1487.1	1045.7	881.3	742.8	685.2	639.8	602.6	568.1	532.9
35°	3923.9	3232.9	2432.4	1780.4	1181.4	922.5	744.4	680.6	633.2	595.8	558.6
32.5°	5095.8	4422.8	3649.5	2752.5	1928.7	1244.9	919.1	735.0	666.9	623.2	583.6
30°	6092.6	5470.7	4732.4	3839.0	2852.3	1923.7	1174.9	874.5	717.2	649.2	607.6
27.5°	6905.9	6347.9	5656.7	4844.1	3837.7	2746.2	1782.7	1048.0	792.9	688.3	630.3
25°	7652.7	7064.3	6415.8	5657.4	4741.5	3640.5	2447.7	1505.1	941.4	730.1	651.4
22.5°	8362.0	7737.0	7070.8	6335.9	5488.2	4436.0	3246.4	2013.7	1091.4	805.8	684.2
20°	9047.7	8358.9	7664.7	6901.2	6054.6	5137.1	3969.5	2623.2	1519.5	920.7	715.4
17.5°	9750.1	8961.8	8175.6	7398.5	6540.3	5619.2	4533.1	3236.0	1891.6	1024.2	742.4
15°	10415.6	9534.9	8667.4	7813.0	6954.9	6021.4	5003.6	3781.9	2260.9	1233.5	818.9
12.5°	11089.2	10064.0	9122.3	8164.5	7303.4	6357.0	5337.2	4154.4	2694.3	1489.8	894.9
10°	11699.2	10549.5	9505.4	8491.6	7563.2	6624.8	5605.4	4453.9	3050.6	1700.6	957.3
7.5°	12222.2	10971.7	9824.1	8758.4	7772.0	6848.2	5835.5	4692.8	3319.0	1863.4	1006.0
5°	12625.5	11280.1	10069.1	8977.1	7934.2	7000.4	6003.9	4866.8	3499.9	1977.7	1041.0
2.5°	12868.2	11467.0	10212.8	9112.8	8035.0	7087.3	6093.0	4978.1	3615.1	2051.5	1066.9
0°	12972.6	11523.7	10318.4	9204.3	8073.7	7123.7	6090.9	5019.9	3657.2	2078.9	1079.3
-2.5°	12868.2	11467.0	10212.8	9112.8	8035.0	7087.3	6093.0	4978.1	3615.1	2051.5	1066.9
-5°	12625.5	11280.1	10069.1	8977.1	7934.2	7000.4	6003.9	4866.8	3499.9	1977.7	1041.0
-7.5°	12222.2	10971.7	9824.1	8758.4	7772.0	6848.2	5835.5	4692.8	3319.0	1863.4	1006.0
-10°	11699.2	10549.5	9505.4	8491.6	7563.2	6624.8	5605.4	4453.9	3050.6	1700.6	957.3
-12.5°	11089.2	10064.0	9122.3	8164.5	7303.4	6357.0	5337.2	4154.4	2694.3	1489.8	894.9
-15°	10415.6	9534.9	8667.4	7813.0	6954.9	6021.4	5003.6	3781.9	2260.9	1233.5	818.9
-17.5°	9750.1	8961.8	8175.6	7398.5	6540.3	5619.2	4533.1	3236.0	1891.6	1024.2	742.4
-20°	9047.7	8358.9	7664.7	6901.2	6054.6	5137.1	3969.5	2623.2	1519.5	920.7	715.4



REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8362.0	7737.0	7070.8	6335.9	5488.2	4436.0	3246.4	2013.7	1091.4	805.8	684.2
-25°	7652.7	7064.3	6415.8	5657.4	4741.5	3640.5	2447.7	1505.1	941.4	730.1	651.4
-27.5°	6905.9	6347.9	5656.7	4844.1	3837.7	2746.2	1782.7	1048.0	792.9	688.3	630.3
-30°	6092.6	5470.7	4732.4	3839.0	2852.3	1923.7	1174.9	874.5	717.2	649.2	607.6
-32.5°	5095.8	4422.8	3649.5	2752.5	1928.7	1244.9	919.1	735.0	666.9	623.2	583.6
-35°	3923.9	3232.9	2432.4	1780.4	1181.4	922.5	744.4	680.6	633.2	595.8	558.6
-37.5°	2574.8	1975.2	1487.1	1045.7	881.3	742.8	685.2	639.8	602.6	568.1	532.9
-40°	1500.9	1077.8	936.3	798.7	725.9	678.7	640.4	605.2	572.6	539.5	506.1
-42.5°	915.3	806.5	736.0	695.3	658.0	631.6	602.1	572.0	541.2	510.0	478.3
-45°	714.4	685.4	654.8	635.6	613.2	589.7	565.3	537.4	508.6	479.4	449.4
-47.5°	637.1	623.6	608.0	590.7	570.8	549.1	526.2	501.8	475.4	447.9	419.4
-50°	585.5	569.8	555.9	544.0	526.3	506.1	485.6	466.2	440.9	414.6	387.5
-52.5°	516.9	509.1	500.7	491.7	478.2	460.1	442.9	425.7	404.3	378.7	352.7
-55°	457.9	451.6	446.0	437.5	426.0	411.3	396.8	382.2	363.8	340.2	318.8
-57.5°	408.4	400.0	394.7	385.8	372.9	362.1	350.9	337.3	320.9	301.2	283.8
-60°	364.3	355.8	347.9	338.5	327.5	316.9	306.7	293.2	276.5	262.9	249.0
-62.5°	313.7	310.1	300.6	290.4	282.5	275.8	263.4	249.6	237.7	226.8	214.2
-65°	251.4	243.0	237.9	237.2	232.4	223.1	212.9	206.3	199.4	189.8	179.2
-67.5°	204.5	200.8	197.3	192.2	187.2	180.9	176.6	170.9	163.7	153.5	145.8
-70°	173.2	171.0	167.7	162.9	157.7	152.5	147.7	140.9	131.4	119.4	112.5
-72.5°	145.8	144.3	141.8	137.9	133.7	129.3	123.2	113.7	102.1	88.1	81.2
-75°	120.2	119.2	117.4	114.3	110.9	107.2	101.0	90.1	78.8	67.0	60.8
-77.5°	93.3	92.8	92.1	89.9	87.7	85.6	81.4	70.5	59.9	50.4	45.3
-80°	62.5	63.3	63.3	62.0	60.6	59.0	56.3	48.9	42.3	36.4	32.3
-82.5°	36.4	35.0	33.6	33.8	33.9	33.9	33.5	29.4	25.5	21.9	19.0
-85°	12.8	12.1	11.5	12.7	13.7	14.5	14.9	13.3	11.7	10.2	8.9
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	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





REPORT NUMBER: P559021 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	3.2	3.5	3.8	4.0	4.1	4.2	4.2	4.0	3.7	3.4
85°	9.4	9.7	9.8	9.5	8.9	8.3	8.4	8.4	7.9	7.4	6.7
82.5°	19.8	20.5	21.0	21.0	19.6	18.2	16.7	15.2	13.6	11.3	10.1
80°	34.2	35.3	35.6	34.7	31.4	28.1	25.9	23.7	22.0	19.6	16.4
77.5°	48.7	50.9	51.8	50.7	46.1	41.6	37.1	33.0	30.6	27.9	24.3
75°	63.7	67.0	69.0	67.8	62.2	55.0	49.3	44.5	41.0	36.4	32.2
72.5°	82.7	84.3	86.1	85.7	80.7	73.6	64.4	56.1	52.2	47.0	40.6
70°	108.0	103.3	102.2	101.5	98.4	92.9	83.6	72.6	63.5	57.6	50.4
67.5°	139.1	132.6	125.8	118.7	115.1	110.1	102.6	89.8	77.8	68.4	60.3
65°	169.7	161.0	152.9	142.5	133.9	127.3	119.6	105.9	91.5	79.6	70.2
62.5°	201.1	188.3	177.3	165.2	153.9	144.6	136.5	120.9	104.7	90.3	79.1
60°	233.9	218.5	201.7	187.2	173.5	161.2	150.3	135.6	118.1	100.4	87.3
57.5°	267.2	249.2	228.8	209.7	193.3	178.2	163.4	148.5	131.3	111.8	94.5
55°	300.1	280.3	255.7	233.0	213.1	195.7	177.1	160.3	143.7	123.3	99.7
52.5°	329.4	308.7	284.2	256.8	233.0	212.5	192.0	171.9	154.2	134.6	106.9
50°	359.3	333.6	310.3	283.1	252.8	229.1	206.5	184.8	164.5	145.0	113.6
47.5°	390.4	360.5	333.1	307.6	276.7	245.2	221.0	197.4	174.5	154.0	119.4
45°	419.1	388.1	356.6	328.3	299.0	264.0	235.3	209.5	185.3	158.5	124.5
42.5°	446.2	413.8	380.9	348.3	317.6	282.4	249.0	221.8	195.7	162.1	128.0
40°	472.2	438.1	403.8	369.8	336.2	299.2	264.0	233.8	204.9	165.1	130.3
37.5°	497.0	461.2	425.3	390.3	355.2	316.6	277.9	245.2	209.4	168.5	132.0
35°	520.9	483.1	446.7	410.0	373.2	334.2	290.2	256.2	216.1	171.4	132.9
32.5°	543.7	504.5	466.9	428.9	390.2	352.0	304.1	266.2	224.3	173.7	133.1
30°	565.9	525.3	485.9	447.0	406.3	366.8	319.8	276.1	233.8	175.5	133.1
27.5°	587.1	544.6	503.7	463.6	421.9	380.4	335.1	285.7	244.4	178.9	134.0
25°	606.6	562.6	520.2	478.8	436.5	393.5	349.2	295.2	253.3	186.1	134.4
22.5°	624.6	578.9	535.1	492.7	450.8	406.1	361.2	306.9	260.7	193.6	134.2
20°	641.0	593.4	549.1	507.4	463.8	418.1	371.3	317.5	267.6	201.2	133.5
17.5°	657.5	608.6	565.1	521.3	475.9	429.0	380.8	326.9	273.9	208.8	132.3
15°	683.4	625.0	579.7	534.4	487.0	438.8	389.5	335.2	279.7	216.0	131.9
12.5°	706.6	639.7	592.8	546.5	497.2	447.4	397.3	342.4	284.9	221.0	132.4
10°	726.3	652.5	604.4	557.5	506.3	454.7	404.1	348.4	289.1	223.1	132.1
7.5°	742.3	663.5	614.4	567.3	514.7	461.8	410.5	353.5	293.3	223.3	131.0
5°	756.1	675.6	627.0	578.0	524.7	468.8	415.8	357.4	297.0	221.8	129.3
2.5°	771.9	690.2	640.8	587.4	533.3	474.6	419.9	360.0	300.0	218.6	127.0
0°	784.2	702.9	653.2	595.2	540.5	479.1	422.7	361.4	301.7	213.9	124.3
-2.5°	771.9	690.2	640.8	587.4	533.3	474.6	419.9	360.0	300.0	218.6	127.0
-5°	756.1	675.6	627.0	578.0	524.7	468.8	415.8	357.4	297.0	221.8	129.3
-7.5°	742.3	663.5	614.4	567.3	514.7	461.8	410.5	353.5	293.3	223.3	131.0
-10°	726.3	652.5	604.4	557.5	506.3	454.7	404.1	348.4	289.1	223.1	132.1
-12.5°	706.6	639.7	592.8	546.5	497.2	447.4	397.3	342.4	284.9	221.0	132.4
-15°	683.4	625.0	579.7	534.4	487.0	438.8	389.5	335.2	279.7	216.0	131.9
-17.5°	657.5	608.6	565.1	521.3	475.9	429.0	380.8	326.9	273.9	208.8	132.3
-20°	641.0	593.4	549.1	507.4	463.8	418.1	371.3	317.5	267.6	201.2	133.5



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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°	624.6	578.9	535.1	492.7	450.8	406.1	361.2	306.9	260.7	193.6	134.2
-25°	606.6	562.6	520.2	478.8	436.5	393.5	349.2	295.2	253.3	186.1	134.4
-27.5°	587.1	544.6	503.7	463.6	421.9	380.4	335.1	285.7	244.4	178.9	134.0
-30°	565.9	525.3	485.9	447.0	406.3	366.8	319.8	276.1	233.8	175.5	133.1
-32.5°	543.7	504.5	466.9	428.9	390.2	352.0	304.1	266.2	224.3	173.7	133.1
-35°	520.9	483.1	446.7	410.0	373.2	334.2	290.2	256.2	216.1	171.4	132.9
-37.5°	497.0	461.2	425.3	390.3	355.2	316.6	277.9	245.2	209.4	168.5	132.0
-40°	472.2	438.1	403.8	369.8	336.2	299.2	264.0	233.8	204.9	165.1	130.3
-42.5°	446.2	413.8	380.9	348.3	317.6	282.4	249.0	221.8	195.7	162.1	128.0
-45°	419.1	388.1	356.6	328.3	299.0	264.0	235.3	209.5	185.3	158.5	124.5
-47.5°	390.4	360.5	333.1	307.6	276.7	245.2	221.0	197.4	174.5	154.0	119.4
-50°	359.3	333.6	310.3	283.1	252.8	229.1	206.5	184.8	164.5	145.0	113.6
-52.5°	329.4	308.7	284.2	256.8	233.0	212.5	192.0	171.9	154.2	134.6	106.9
-55°	300.1	280.3	255.7	233.0	213.1	195.7	177.1	160.3	143.7	123.3	99.7
-57.5°	267.2	249.2	228.8	209.7	193.3	178.2	163.4	148.5	131.3	111.8	94.5
-60°	233.9	218.5	201.7	187.2	173.5	161.2	150.3	135.6	118.1	100.4	87.3
-62.5°	201.1	188.3	177.3	165.2	153.9	144.6	136.5	120.9	104.7	90.3	79.1
-65°	169.7	161.0	152.9	142.5	133.9	127.3	119.6	105.9	91.5	79.6	70.2
-67.5°	139.1	132.6	125.8	118.7	115.1	110.1	102.6	89.8	77.8	68.4	60.3
-70°	108.0	103.3	102.2	101.5	98.4	92.9	83.6	72.6	63.5	57.6	50.4
-72.5°	82.7	84.3	86.1	85.7	80.7	73.6	64.4	56.1	52.2	47.0	40.6
-75°	63.7	67.0	69.0	67.8	62.2	55.0	49.3	44.5	41.0	36.4	32.2
-77.5°	48.7	50.9	51.8	50.7	46.1	41.6	37.1	33.0	30.6	27.9	24.3
-80°	34.2	35.3	35.6	34.7	31.4	28.1	25.9	23.7	22.0	19.6	16.4
-82.5°	19.8	20.5	21.0	21.0	19.6	18.2	16.7	15.2	13.6	11.3	10.1
-85°	9.4	9.7	9.8	9.5	8.9	8.3	8.4	8.4	7.9	7.4	6.7
-87.5°	2.8	3.2	3.5	3.8	4.0	4.1	4.2	4.2	4.0	3.7	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
85°	6.0	4.7	3.4	2.4	1.4	0.7	0.0
82.5°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
80°	12.4	9.2	6.8	4.7	2.9	1.4	0.0
77.5°	19.4	12.6	8.5	5.9	3.6	1.8	0.0
75°	26.3	18.0	10.6	7.0	4.3	2.1	0.0
72.5°	33.1	23.2	14.5	8.1	5.0	2.5	0.0
70°	39.9	28.3	18.3	9.5	5.7	2.8	0.0
67.5°	47.7	33.3	22.0	12.1	6.3	3.2	0.0
65°	55.2	38.6	25.6	14.6	7.0	3.5	0.0
62.5°	62.4	44.2	29.0	17.0	7.7	3.8	0.0
60°	69.3	49.6	32.3	19.3	8.3	4.1	0.0
57.5°	73.9	54.6	36.1	21.5	9.7	4.5	0.0
55°	77.9	59.4	39.6	23.6	11.2	4.8	0.0
52.5°	81.2	63.4	43.0	25.7	12.5	5.1	0.0
50°	84.0	65.5	46.2	27.5	13.9	5.3	0.0
47.5°	86.6	67.1	49.1	29.4	15.1	5.6	0.0
45°	90.8	68.3	51.7	31.4	16.3	5.9	0.0
42.5°	94.4	69.1	54.1	33.2	17.5	6.1	0.0
40°	97.3	69.5	55.4	35.1	18.6	6.4	0.0
37.5°	99.5	69.5	55.5	37.0	19.6	6.6	0.0
35°	101.1	70.4	55.4	38.9	20.5	6.8	0.0
32.5°	101.9	71.5	55.1	40.8	21.4	7.0	0.0
30°	101.8	72.1	54.6	42.6	22.2	7.2	0.0
27.5°	101.2	72.3	55.1	44.3	23.0	7.4	0.0
25°	100.1	72.1	55.8	46.0	23.7	7.5	0.0
22.5°	98.5	72.2	56.3	47.5	24.3	7.7	0.0
20°	96.4	74.1	56.8	49.0	24.8	7.8	0.0
17.5°	96.6	75.8	57.1	50.4	25.3	7.9	0.0
15°	98.0	77.2	57.4	51.6	25.7	8.0	0.0
12.5°	99.2	78.4	57.6	52.8	26.0	8.1	0.0
10°	100.1	79.4	57.8	53.8	26.2	8.2	0.0
7.5°	100.7	80.2	57.9	54.7	26.4	8.2	0.0
5°	101.1	80.8	58.0	55.4	26.5	8.3	0.0
2.5°	101.2	81.1	58.0	56.0	26.5	8.3	0.0
0°	101.1	81.2	58.0	56.4	26.5	8.3	0.0
-2.5°	101.2	81.1	58.0	56.0	26.5	8.3	0.0
-5°	101.1	80.8	58.0	55.4	26.5	8.3	0.0
-7.5°	100.7	80.2	57.9	54.7	26.4	8.2	0.0
-10°	100.1	79.4	57.8	53.8	26.2	8.2	0.0
-12.5°	99.2	78.4	57.6	52.8	26.0	8.1	0.0
-15°	98.0	77.2	57.4	51.6	25.7	8.0	0.0
-17.5°	96.6	75.8	57.1	50.4	25.3	7.9	0.0
-20°	96.4	74.1	56.8	49.0	24.8	7.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	98.5	72.2	56.3	47.5	24.3	7.7	0.0
-25°	100.1	72.1	55.8	46.0	23.7	7.5	0.0
-27.5°	101.2	72.3	55.1	44.3	23.0	7.4	0.0
-30°	101.8	72.1	54.6	42.6	22.2	7.2	0.0
-32.5°	101.9	71.5	55.1	40.8	21.4	7.0	0.0
-35°	101.1	70.4	55.4	38.9	20.5	6.8	0.0
-37.5°	99.5	69.5	55.5	37.0	19.6	6.6	0.0
-40°	97.3	69.5	55.4	35.1	18.6	6.4	0.0
-42.5°	94.4	69.1	54.1	33.2	17.5	6.1	0.0
-45°	90.8	68.3	51.7	31.4	16.3	5.9	0.0
-47.5°	86.6	67.1	49.1	29.4	15.1	5.6	0.0
-50°	84.0	65.5	46.2	27.5	13.9	5.3	0.0
-52.5°	81.2	63.4	43.0	25.7	12.5	5.1	0.0
-55°	77.9	59.4	39.6	23.6	11.2	4.8	0.0
-57.5°	73.9	54.6	36.1	21.5	9.7	4.5	0.0
-60°	69.3	49.6	32.3	19.3	8.3	4.1	0.0
-62.5°	62.4	44.2	29.0	17.0	7.7	3.8	0.0
-65°	55.2	38.6	25.6	14.6	7.0	3.5	0.0
-67.5°	47.7	33.3	22.0	12.1	6.3	3.2	0.0
-70°	39.9	28.3	18.3	9.5	5.7	2.8	0.0
-72.5°	33.1	23.2	14.5	8.1	5.0	2.5	0.0
-75°	26.3	18.0	10.6	7.0	4.3	2.1	0.0
-77.5°	19.4	12.6	8.5	5.9	3.6	1.8	0.0
-80°	12.4	9.2	6.8	4.7	2.9	1.4	0.0
-82.5°	9.0	7.0	5.2	3.6	2.2	1.1	0.0
-85°	6.0	4.7	3.4	2.4	1.4	0.7	0.0
-87.5°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)