

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: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4E-935-U-TSB-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

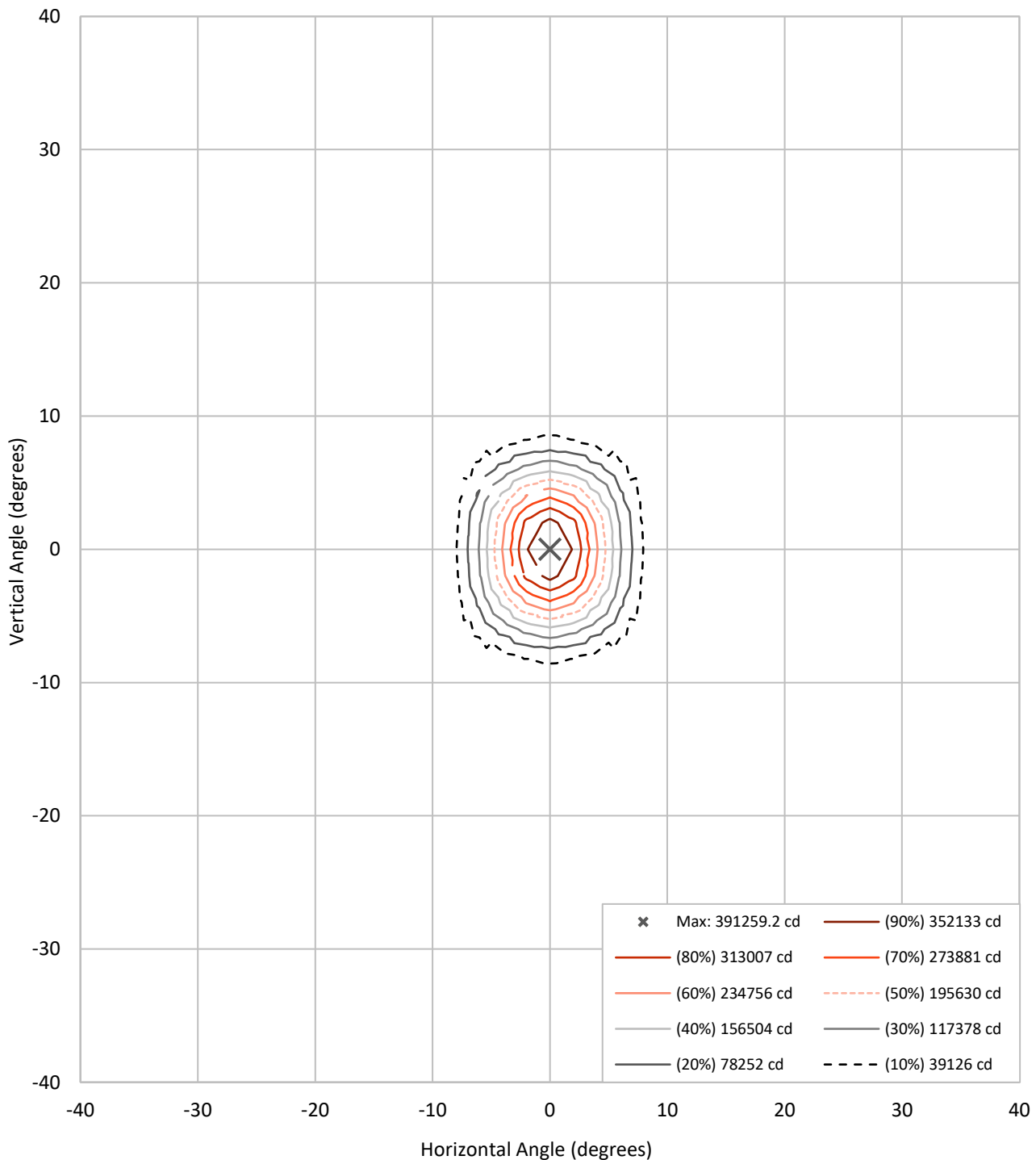
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	15236.5 lumens	Max Intensity:	391259.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	6530.6 lumens	Field Lumens:	11255.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 250  
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





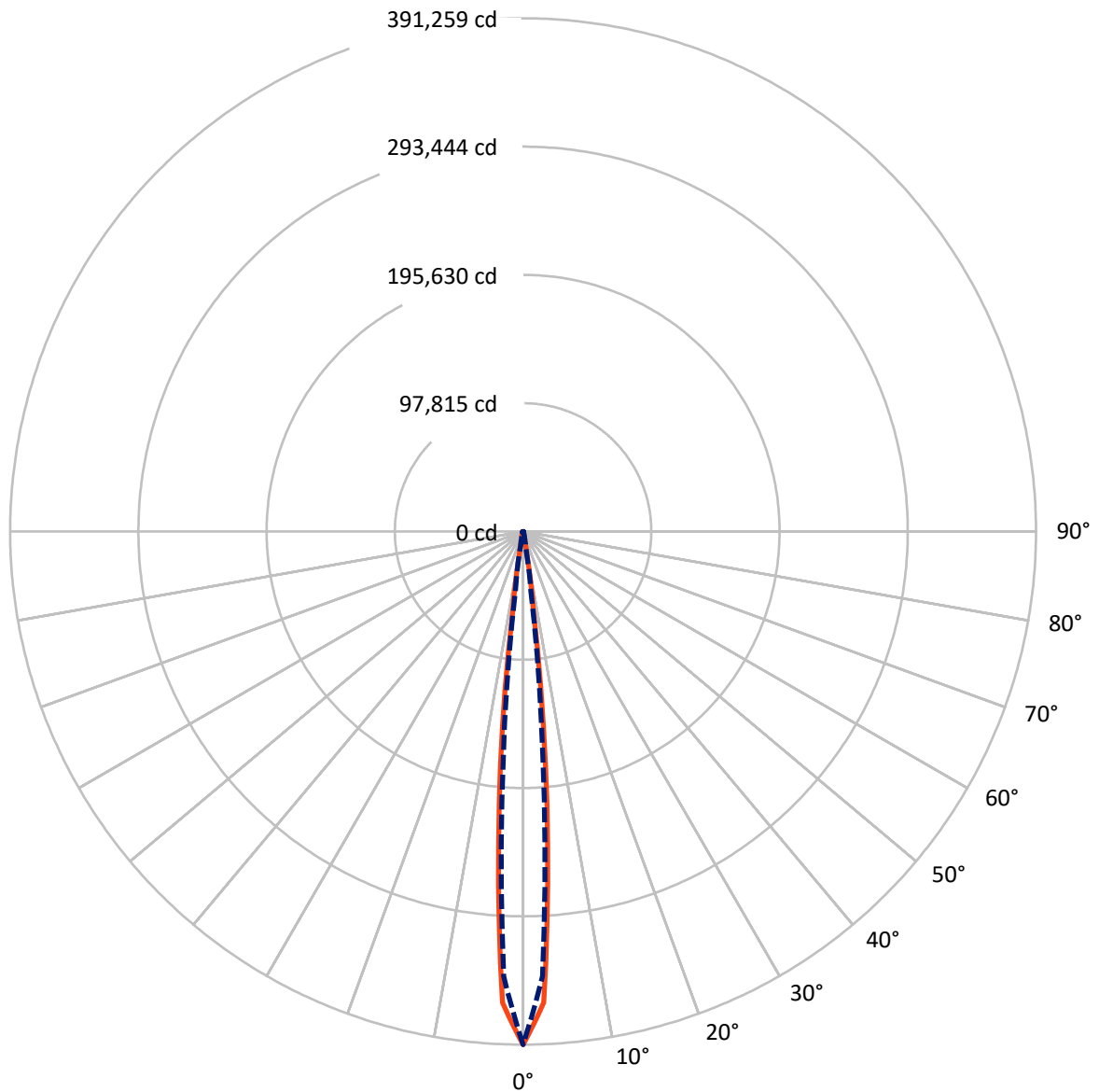
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### Lumen Table

90	0.1	0.4		1.6		3.7		6.3		3.7		1.6		0.4		0.1
80	0.1	0.4		1.6		3.7		6.3		3.7		1.6		0.4		0.1
70	0.2	0.3	0.8	1.7	2.6	3.4	5.3	9.5	9.5	5.3	3.4	2.6	1.7	0.8	0.3	0.2
60		0.6	1.5	3.1	5.0	6.8	9.1	12.3	12.3	9.1	6.8	5.0	3.1	1.5	0.6	
50	0.8	1.1	2.4	4.9	8.6	12.9	16.6	19.8	19.8	16.6	12.9	8.6	4.9	2.4	1.1	0.8
40		1.7	3.4	7.4	13.4	18.0	20.4	21.6	21.6	20.4	18.0	13.4	7.4	3.4	1.7	
30	1.5	2.5	4.7	10.5	16.4	19.6	26.7	35.2	35.2	26.7	19.6	16.4	10.5	4.7	2.5	1.5
20		3.3	6.5	13.3	18.2	25.8	52.4	104.6	104.6	52.4	25.8	18.2	13.3	6.5	3.3	
10	1.8	3.7	7.8	14.8	18.9	33.1	103.5	3061.2	3061.2	103.5	33.1	18.9	14.8	7.8	3.7	1.8
0		3.7	7.8	14.8	18.9	33.1	103.5	3061.2	3061.2	103.5	33.1	18.9	14.8	7.8	3.7	
-10	1.5	3.3	6.5	13.3	18.2	25.8	52.4	104.6	104.6	52.4	25.8	18.2	13.3	6.5	3.3	1.5
-20		2.5	4.7	10.5	16.4	19.6	26.7	35.2	35.2	26.7	19.6	16.4	10.5	4.7	2.5	
-30	0.8	1.7	3.4	7.4	13.4	18.0	20.4	21.6	21.6	20.4	18.0	13.4	7.4	3.4	1.7	0.8
-40		1.1	2.4	4.9	8.6	12.9	16.6	19.8	19.8	16.6	12.9	8.6	4.9	2.4	1.1	
-50	0.2	0.6	1.5	3.1	5.0	6.8	9.1	12.3	12.3	9.1	6.8	5.0	3.1	1.5	0.6	0.2
-60		0.3	0.8	1.7	2.6	3.4	5.3	9.5	9.5	5.3	3.4	2.6	1.7	0.8	0.3	
-70	0.1	0.4		1.6		3.7		6.3		3.7		1.6		0.4		0.1
-80		0.4		1.6		3.7		6.3		3.7		1.6		0.4		
-90	0.1	0.4		1.6		3.7		6.3		3.7		1.6		0.4		0.1

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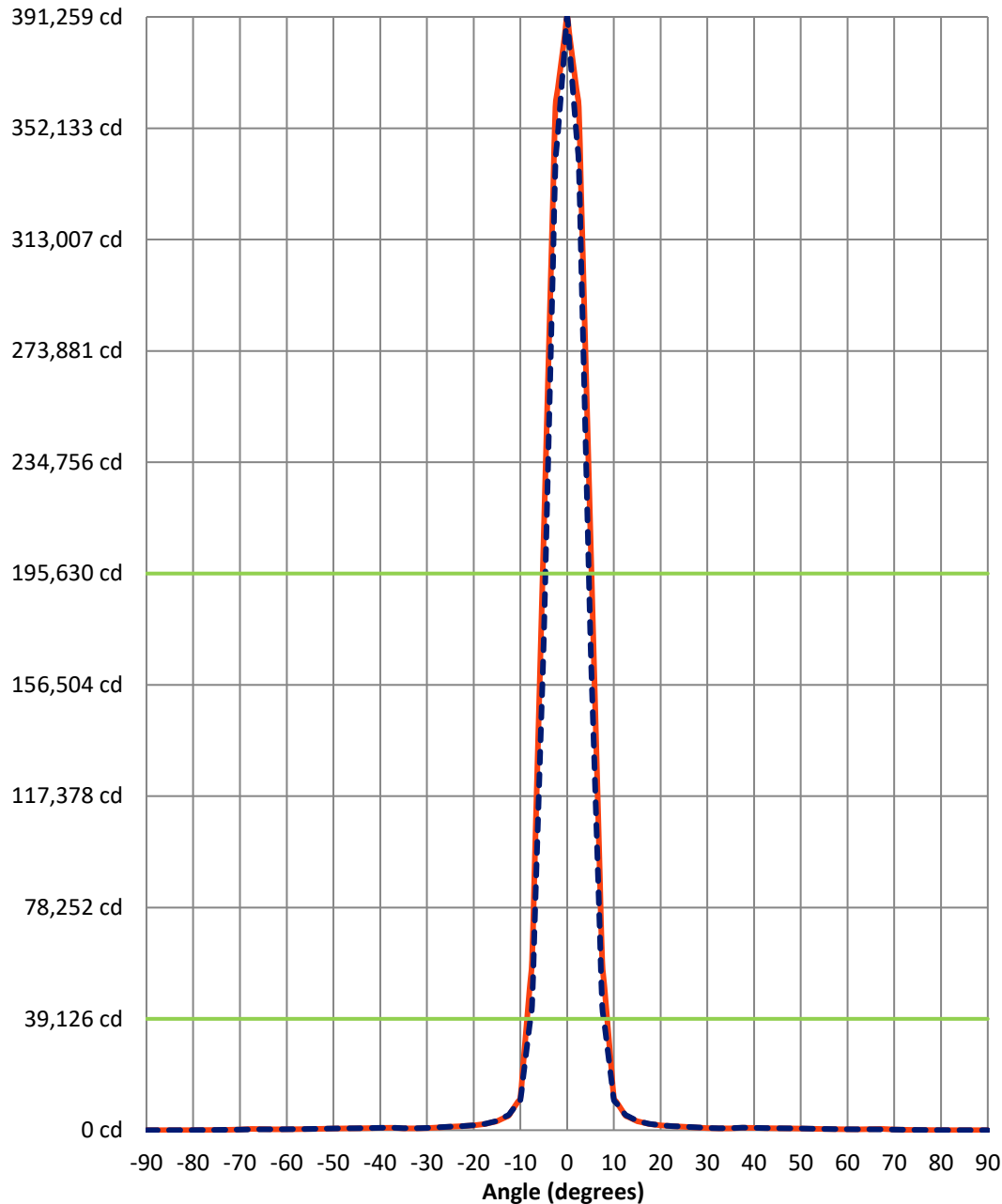
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 9.3°  
 V Angle: 10.4°  
 Lumens: 6530.6  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 11255.4  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 3981  
 Efficiency: 26.1%

- 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	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.5	4.5	4.5
80°	0.0	0.8	1.6	2.3	3.1	3.9	4.5	4.5	4.5	4.5	4.5
77.5°	0.0	1.0	1.9	2.9	3.9	4.5	4.5	4.5	4.5	4.5	4.9
75°	0.0	1.2	2.3	3.5	4.5	4.5	4.5	4.5	4.7	5.9	6.8
72.5°	0.0	1.4	2.7	4.0	4.5	4.5	4.5	5.0	6.6	7.8	8.8
70°	0.0	1.5	3.1	4.5	4.5	4.5	4.7	6.8	8.4	9.8	12.2
67.5°	0.0	1.7	3.4	4.5	4.5	4.5	6.4	8.6	10.4	13.4	16.0
65°	0.0	1.9	3.8	4.5	4.5	5.2	8.0	10.4	13.8	17.0	20.4
62.5°	0.0	2.1	4.2	4.5	4.5	6.7	9.7	13.1	17.1	21.1	26.2
60°	0.0	2.2	4.5	4.5	4.5	8.2	11.4	16.2	20.5	26.7	32.1
57.5°	0.0	2.4	4.5	4.5	5.6	9.6	14.2	19.2	25.4	32.3	38.8
55°	0.0	2.6	4.6	4.5	6.8	11.0	17.3	22.6	30.6	38.2	46.0
52.5°	0.0	2.7	4.6	4.5	8.0	12.7	20.5	27.5	35.8	45.1	53.3
50°	0.0	2.9	4.6	4.5	9.2	15.5	23.7	32.9	41.3	52.0	62.3
47.5°	0.0	3.0	4.7	4.7	10.3	18.3	27.2	38.4	47.7	59.1	71.7
45°	0.0	3.2	4.8	5.5	11.4	21.1	32.2	44.2	55.3	67.9	81.5
42.5°	0.0	3.3	4.8	6.4	12.5	24.0	37.2	50.7	63.3	77.0	93.0
40°	0.0	3.4	4.9	7.2	14.1	26.8	42.3	57.8	72.0	86.5	105.1
37.5°	0.0	3.6	5.0	7.9	16.3	29.6	47.5	65.1	82.0	98.5	117.7
35°	0.0	3.7	5.1	8.6	18.5	33.3	52.7	72.6	92.1	112.2	129.8
32.5°	0.0	3.8	5.2	9.2	20.5	37.4	58.1	80.1	102.3	126.5	145.1
30°	0.0	3.9	5.3	9.7	22.6	41.4	64.2	87.9	112.5	141.3	162.3
27.5°	0.0	4.0	5.4	10.1	23.9	45.3	70.2	96.4	123.6	156.5	181.4
25°	0.0	4.1	5.5	10.5	24.9	49.1	76.1	104.7	136.1	172.3	201.8
22.5°	0.0	4.2	5.6	10.8	25.7	52.1	81.9	112.8	148.5	189.0	219.2
20°	0.0	4.2	5.8	11.1	26.3	53.2	87.6	120.8	160.9	206.4	236.3
17.5°	0.0	4.3	5.9	11.2	26.6	53.9	90.5	128.5	173.1	224.2	253.0
15°	0.0	4.3	6.0	11.4	26.8	54.2	91.6	134.1	185.0	242.3	269.5
12.5°	0.0	4.4	6.1	11.4	26.8	54.1	92.3	137.0	192.8	260.3	285.6
10°	0.0	4.4	6.3	11.4	26.7	53.7	92.5	139.5	196.6	267.2	297.0
7.5°	0.0	4.5	6.4	11.4	26.3	53.0	92.3	141.6	199.5	271.4	299.0
5°	0.0	4.5	6.5	11.3	25.8	51.9	91.7	143.3	201.5	274.3	300.7
2.5°	0.0	4.5	6.6	11.2	25.2	50.6	90.6	144.3	202.5	275.8	301.9
0°	0.0	4.5	6.7	11.1	24.5	49.0	89.0	144.7	202.5	276.0	302.7
-2.5°	0.0	4.5	6.6	11.2	25.2	50.6	90.6	144.3	202.5	275.8	301.9
-5°	0.0	4.5	6.5	11.3	25.8	51.9	91.7	143.3	201.5	274.3	300.7
-7.5°	0.0	4.5	6.4	11.4	26.3	53.0	92.3	141.6	199.5	271.4	299.0
-10°	0.0	4.4	6.3	11.4	26.7	53.7	92.5	139.5	196.6	267.2	297.0
-12.5°	0.0	4.4	6.1	11.4	26.8	54.1	92.3	137.0	192.8	260.3	285.6
-15°	0.0	4.3	6.0	11.4	26.8	54.2	91.6	134.1	185.0	242.3	269.5
-17.5°	0.0	4.3	5.9	11.2	26.6	53.9	90.5	128.5	173.1	224.2	253.0
-20°	0.0	4.2	5.8	11.1	26.3	53.2	87.6	120.8	160.9	206.4	236.3



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 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.2	5.6	10.8	25.7	52.1	81.9	112.8	148.5	189.0	219.2
-25°	0.0	4.1	5.5	10.5	24.9	49.1	76.1	104.7	136.1	172.3	201.8
-27.5°	0.0	4.0	5.4	10.1	23.9	45.3	70.2	96.4	123.6	156.5	181.4
-30°	0.0	3.9	5.3	9.7	22.6	41.4	64.2	87.9	112.5	141.3	162.3
-32.5°	0.0	3.8	5.2	9.2	20.5	37.4	58.1	80.1	102.3	126.5	145.1
-35°	0.0	3.7	5.1	8.6	18.5	33.3	52.7	72.6	92.1	112.2	129.8
-37.5°	0.0	3.6	5.0	7.9	16.3	29.6	47.5	65.1	82.0	98.5	117.7
-40°	0.0	3.4	4.9	7.2	14.1	26.8	42.3	57.8	72.0	86.5	105.1
-42.5°	0.0	3.3	4.8	6.4	12.5	24.0	37.2	50.7	63.3	77.0	93.0
-45°	0.0	3.2	4.8	5.5	11.4	21.1	32.2	44.2	55.3	67.9	81.5
-47.5°	0.0	3.0	4.7	4.7	10.3	18.3	27.2	38.4	47.7	59.1	71.7
-50°	0.0	2.9	4.6	4.5	9.2	15.5	23.7	32.9	41.3	52.0	62.3
-52.5°	0.0	2.7	4.6	4.5	8.0	12.7	20.5	27.5	35.8	45.1	53.3
-55°	0.0	2.6	4.6	4.5	6.8	11.0	17.3	22.6	30.6	38.2	46.0
-57.5°	0.0	2.4	4.5	4.5	5.6	9.6	14.2	19.2	25.4	32.3	38.8
-60°	0.0	2.2	4.5	4.5	4.5	8.2	11.4	16.2	20.5	26.7	32.1
-62.5°	0.0	2.1	4.2	4.5	4.5	6.7	9.7	13.1	17.1	21.1	26.2
-65°	0.0	1.9	3.8	4.5	4.5	5.2	8.0	10.4	13.8	17.0	20.4
-67.5°	0.0	1.7	3.4	4.5	4.5	4.5	6.4	8.6	10.4	13.4	16.0
-70°	0.0	1.5	3.1	4.5	4.5	4.5	4.7	6.8	8.4	9.8	12.2
-72.5°	0.0	1.4	2.7	4.0	4.5	4.5	4.5	5.0	6.6	7.8	8.8
-75°	0.0	1.2	2.3	3.5	4.5	4.5	4.5	4.5	4.7	5.9	6.8
-77.5°	0.0	1.0	1.9	2.9	3.9	4.5	4.5	4.5	4.5	4.5	4.9
-80°	0.0	0.8	1.6	2.3	3.1	3.9	4.5	4.5	4.5	4.5	4.5
-82.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.0	4.5	4.5	4.5
-85°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.1	3.4	3.8
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.5	1.7	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.7	1.5	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
85°	3.6	3.4	2.9	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5
82.5°	4.2	3.9	3.8	3.9	4.1	4.3	4.6	5.0	5.4	5.8	6.2
80°	4.4	4.5	5.1	5.8	6.4	7.0	7.6	8.1	8.6	9.5	10.7
77.5°	5.8	6.6	7.5	8.3	9.2	10.9	12.4	13.6	15.2	17.0	18.8
75°	7.8	8.8	10.9	13.4	15.6	17.4	19.0	21.4	24.4	27.6	30.8
72.5°	10.7	13.4	16.3	19.4	23.2	26.3	29.4	32.3	37.1	42.3	46.2
70°	14.7	18.0	22.6	27.6	32.4	36.6	42.6	49.9	57.2	60.9	63.2
67.5°	18.9	24.3	29.9	35.9	42.6	49.5	57.9	65.8	73.3	76.3	79.1
65°	24.6	30.7	37.6	45.0	52.6	61.0	69.6	78.4	86.2	90.1	94.7
62.5°	30.4	37.6	45.5	53.8	62.3	71.4	81.8	90.6	97.3	105.3	114.7
60°	37.3	44.4	53.5	62.7	72.5	85.1	95.5	105.3	114.4	123.5	137.6
57.5°	44.6	51.5	61.5	72.5	85.9	100.3	112.2	122.8	135.2	148.2	162.5
55°	52.5	58.8	70.1	83.6	99.1	116.1	130.1	144.6	158.9	170.6	183.2
52.5°	61.7	67.4	79.3	94.8	112.8	131.9	150.4	165.5	178.9	191.7	206.1
50°	71.2	78.5	88.1	106.8	126.7	148.4	169.5	184.6	199.8	214.8	231.0
47.5°	82.4	90.4	98.5	118.7	141.3	163.5	185.2	204.6	221.4	241.5	260.0
45°	94.5	103.9	112.6	131.4	154.6	177.1	201.3	224.7	248.3	271.9	301.5
42.5°	107.3	117.6	128.7	143.3	166.4	191.4	217.3	248.4	278.3	311.3	349.8
40°	119.7	131.2	144.5	157.6	178.1	206.0	237.6	272.4	314.6	357.3	403.8
37.5°	131.9	145.1	159.4	172.9	191.1	222.4	257.3	301.8	352.7	406.5	465.8
35°	143.8	158.5	173.0	189.0	209.4	239.8	282.8	333.3	394.3	462.4	516.6
32.5°	155.5	171.2	186.0	205.3	230.4	261.6	307.4	370.9	441.3	510.4	546.6
30°	170.1	182.7	198.9	220.6	251.0	290.7	340.4	408.9	488.9	536.0	569.7
27.5°	189.6	194.1	212.4	237.8	272.1	319.2	381.1	452.3	518.5	559.8	590.0
25°	208.8	213.5	225.0	255.2	297.4	353.1	422.5	503.7	543.0	577.9	612.9
22.5°	227.1	232.1	246.6	271.6	321.9	387.5	468.3	539.3	576.7	599.0	636.9
20°	244.4	252.0	269.9	298.8	347.1	420.1	512.6	572.3	607.9	634.6	669.6
17.5°	261.0	271.6	293.5	328.6	382.4	456.8	552.9	605.1	639.9	665.7	709.0
15°	277.1	290.6	316.1	356.4	415.4	495.9	579.8	632.1	669.5	694.9	745.5
12.5°	292.7	309.1	337.8	382.4	445.1	530.1	602.6	649.5	686.8	725.6	777.9
10°	307.8	327.1	358.5	406.4	471.7	559.6	621.7	663.5	700.8	750.2	804.6
7.5°	310.1	336.1	375.4	428.5	495.3	584.5	637.4	674.4	714.9	772.7	828.9
5°	310.1	335.4	376.7	434.3	506.5	599.2	648.4	682.6	728.5	792.7	850.6
2.5°	309.9	333.9	377.0	436.2	509.3	600.8	650.0	684.7	736.3	812.3	870.5
0°	309.4	331.6	376.2	436.3	509.7	598.7	649.9	685.5	741.2	830.2	888.1
-2.5°	309.9	333.9	377.0	436.2	509.3	600.8	650.0	684.7	736.3	812.3	870.5
-5°	310.1	335.4	376.7	434.3	506.5	599.2	648.4	682.6	728.5	792.7	850.6
-7.5°	310.1	336.1	375.4	428.5	495.3	584.5	637.4	674.4	714.9	772.7	828.9
-10°	307.8	327.1	358.5	406.4	471.7	559.6	621.7	663.5	700.8	750.2	804.6
-12.5°	292.7	309.1	337.8	382.4	445.1	530.1	602.6	649.5	686.8	725.6	777.9
-15°	277.1	290.6	316.1	356.4	415.4	495.9	579.8	632.1	669.5	694.9	745.5
-17.5°	261.0	271.6	293.5	328.6	382.4	456.8	552.9	605.1	639.9	665.7	709.0
-20°	244.4	252.0	269.9	298.8	347.1	420.1	512.6	572.3	607.9	634.6	669.6



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	227.1	232.1	246.6	271.6	321.9	387.5	468.3	539.3	576.7	599.0	636.9
-25°	208.8	213.5	225.0	255.2	297.4	353.1	422.5	503.7	543.0	577.9	612.9
-27.5°	189.6	194.1	212.4	237.8	272.1	319.2	381.1	452.3	518.5	559.8	590.0
-30°	170.1	182.7	198.9	220.6	251.0	290.7	340.4	408.9	488.9	536.0	569.7
-32.5°	155.5	171.2	186.0	205.3	230.4	261.6	307.4	370.9	441.3	510.4	546.6
-35°	143.8	158.5	173.0	189.0	209.4	239.8	282.8	333.3	394.3	462.4	516.6
-37.5°	131.9	145.1	159.4	172.9	191.1	222.4	257.3	301.8	352.7	406.5	465.8
-40°	119.7	131.2	144.5	157.6	178.1	206.0	237.6	272.4	314.6	357.3	403.8
-42.5°	107.3	117.6	128.7	143.3	166.4	191.4	217.3	248.4	278.3	311.3	349.8
-45°	94.5	103.9	112.6	131.4	154.6	177.1	201.3	224.7	248.3	271.9	301.5
-47.5°	82.4	90.4	98.5	118.7	141.3	163.5	185.2	204.6	221.4	241.5	260.0
-50°	71.2	78.5	88.1	106.8	126.7	148.4	169.5	184.6	199.8	214.8	231.0
-52.5°	61.7	67.4	79.3	94.8	112.8	131.9	150.4	165.5	178.9	191.7	206.1
-55°	52.5	58.8	70.1	83.6	99.1	116.1	130.1	144.6	158.9	170.6	183.2
-57.5°	44.6	51.5	61.5	72.5	85.9	100.3	112.2	122.8	135.2	148.2	162.5
-60°	37.3	44.4	53.5	62.7	72.5	85.1	95.5	105.3	114.4	123.5	137.6
-62.5°	30.4	37.6	45.5	53.8	62.3	71.4	81.8	90.6	97.3	105.3	114.7
-65°	24.6	30.7	37.6	45.0	52.6	61.0	69.6	78.4	86.2	90.1	94.7
-67.5°	18.9	24.3	29.9	35.9	42.6	49.5	57.9	65.8	73.3	76.3	79.1
-70°	14.7	18.0	22.6	27.6	32.4	36.6	42.6	49.9	57.2	60.9	63.2
-72.5°	10.7	13.4	16.3	19.4	23.2	26.3	29.4	32.3	37.1	42.3	46.2
-75°	7.8	8.8	10.9	13.4	15.6	17.4	19.0	21.4	24.4	27.6	30.8
-77.5°	5.8	6.6	7.5	8.3	9.2	10.9	12.4	13.6	15.2	17.0	18.8
-80°	4.4	4.5	5.1	5.8	6.4	7.0	7.6	8.1	8.6	9.5	10.7
-82.5°	4.2	3.9	3.8	3.9	4.1	4.3	4.6	5.0	5.4	5.8	6.2
-85°	3.6	3.4	2.9	2.6	2.7	2.9	3.0	3.2	3.3	3.4	3.5
-87.5°	1.8	1.7	1.5	1.3	1.3	1.4	1.5	1.6	1.6	1.7	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
85°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4
82.5°	6.5	6.8	7.1	7.4	7.7	7.9	8.1	8.3	8.4	8.6	8.7
80°	11.9	12.8	13.5	14.1	14.5	16.1	18.0	20.1	22.2	23.0	23.5
77.5°	21.2	22.7	23.7	24.5	25.0	28.5	32.9	37.6	42.4	44.9	47.0
75°	33.8	35.7	36.8	37.7	38.2	43.5	51.4	59.7	68.3	72.8	76.0
72.5°	48.9	50.4	51.6	52.6	53.3	61.2	75.4	90.9	107.4	117.5	124.8
70°	65.1	66.9	68.3	69.5	70.4	79.8	100.5	122.2	144.5	166.9	190.7
67.5°	82.3	86.0	87.9	89.1	90.2	98.3	120.3	140.6	159.5	199.9	263.6
65°	101.1	109.6	113.2	115.2	116.0	119.7	138.6	155.5	170.8	202.3	250.9
62.5°	125.0	136.3	141.5	143.9	145.2	145.5	160.8	175.1	188.1	207.8	238.7
60°	150.8	163.0	169.4	171.2	172.3	172.8	185.1	199.2	212.2	228.2	257.1
57.5°	174.4	185.8	195.3	199.1	202.1	204.2	215.0	231.5	247.0	263.1	294.0
55°	197.0	210.8	224.0	231.3	238.1	244.1	254.8	275.7	295.6	314.3	346.5
52.5°	221.6	239.3	256.9	270.1	283.0	294.4	305.8	332.9	359.4	384.4	415.7
50°	250.9	272.8	298.5	320.1	338.6	356.9	373.2	405.2	441.2	475.4	508.3
47.5°	288.0	317.0	349.8	380.5	405.7	434.0	459.7	492.6	524.4	556.2	583.4
45°	333.7	373.8	411.6	452.4	488.4	507.0	521.9	542.4	575.1	606.3	631.8
42.5°	392.2	438.8	485.4	515.7	538.7	553.9	564.7	575.5	609.8	640.0	664.6
40°	457.1	504.0	532.6	557.5	573.5	587.1	604.0	620.7	647.6	678.5	705.9
37.5°	513.4	543.5	568.7	588.2	607.5	625.5	650.0	674.0	699.7	734.3	759.7
35°	548.1	574.5	600.1	624.6	649.4	677.1	707.6	743.0	774.4	745.9	704.6
32.5°	574.5	601.7	632.6	670.4	704.5	742.3	780.6	719.1	656.0	631.4	636.4
30°	597.6	629.1	671.7	721.1	768.4	751.5	667.5	638.1	646.8	664.0	697.3
27.5°	622.3	661.6	713.3	774.1	736.8	643.8	648.7	665.8	723.4	772.3	846.5
25°	651.5	698.9	763.2	735.1	649.8	658.6	701.8	766.9	876.6	979.0	1068.6
22.5°	686.6	747.0	755.5	649.8	661.5	717.9	805.4	946.3	1079.8	1203.5	1295.9
20°	722.4	792.0	684.9	662.6	712.1	812.9	975.4	1137.2	1286.1	1396.8	1489.3
17.5°	765.2	740.6	664.8	688.6	788.8	962.7	1145.7	1317.2	1457.6	1649.0	1811.9
15°	802.6	691.1	677.0	755.4	906.1	1101.8	1300.6	1454.7	1708.4	1982.6	2260.0
12.5°	781.1	673.5	698.8	814.8	1013.0	1224.5	1400.3	1644.2	1979.9	2380.4	2982.4
10°	749.3	683.4	745.2	897.1	1104.5	1310.6	1493.2	1812.9	2255.9	2991.6	3939.4
7.5°	724.7	687.6	775.9	960.3	1172.5	1362.5	1605.9	1993.6	2611.1	3620.4	5638.4
5°	706.1	687.4	789.9	996.8	1212.9	1398.4	1675.5	2125.1	2959.1	4397.2	7845.6
2.5°	697.8	683.8	793.9	1016.5	1232.6	1418.4	1718.8	2219.5	3178.9	5118.9	10316.6
0°	703.4	676.6	792.4	1023.9	1244.2	1415.6	1725.0	2248.1	3245.2	5385.3	10648.2
-2.5°	697.8	683.8	793.9	1016.5	1232.6	1418.4	1718.8	2219.5	3178.9	5118.9	10316.6
-5°	706.1	687.4	789.9	996.8	1212.9	1398.4	1675.5	2125.1	2959.1	4397.2	7845.6
-7.5°	724.7	687.6	775.9	960.3	1172.5	1362.5	1605.9	1993.6	2611.1	3620.4	5638.4
-10°	749.3	683.4	745.2	897.1	1104.5	1310.6	1493.2	1812.9	2255.9	2991.6	3939.4
-12.5°	781.1	673.5	698.8	814.8	1013.0	1224.5	1400.3	1644.2	1979.9	2380.4	2982.4
-15°	802.6	691.1	677.0	755.4	906.1	1101.8	1300.6	1454.7	1708.4	1982.6	2260.0
-17.5°	765.2	740.6	664.8	688.6	788.8	962.7	1145.7	1317.2	1457.6	1649.0	1811.9
-20°	722.4	792.0	684.9	662.6	712.1	812.9	975.4	1137.2	1286.1	1396.8	1489.3



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	686.6	747.0	755.5	649.8	661.5	717.9	805.4	946.3	1079.8	1203.5	1295.9
-25°	651.5	698.9	763.2	735.1	649.8	658.6	701.8	766.9	876.6	979.0	1068.6
-27.5°	622.3	661.6	713.3	774.1	736.8	643.8	648.7	665.8	723.4	772.3	846.5
-30°	597.6	629.1	671.7	721.1	768.4	751.5	667.5	638.1	646.8	664.0	697.3
-32.5°	574.5	601.7	632.6	670.4	704.5	742.3	780.6	719.1	656.0	631.4	636.4
-35°	548.1	574.5	600.1	624.6	649.4	677.1	707.6	743.0	774.4	745.9	704.6
-37.5°	513.4	543.5	568.7	588.2	607.5	625.5	650.0	674.0	699.7	734.3	759.7
-40°	457.1	504.0	532.6	557.5	573.5	587.1	604.0	620.7	647.6	678.5	705.9
-42.5°	392.2	438.8	485.4	515.7	538.7	553.9	564.7	575.5	609.8	640.0	664.6
-45°	333.7	373.8	411.6	452.4	488.4	507.0	521.9	542.4	575.1	606.3	631.8
-47.5°	288.0	317.0	349.8	380.5	405.7	434.0	459.7	492.6	524.4	556.2	583.4
-50°	250.9	272.8	298.5	320.1	338.6	356.9	373.2	405.2	441.2	475.4	508.3
-52.5°	221.6	239.3	256.9	270.1	283.0	294.4	305.8	332.9	359.4	384.4	415.7
-55°	197.0	210.8	224.0	231.3	238.1	244.1	254.8	275.7	295.6	314.3	346.5
-57.5°	174.4	185.8	195.3	199.1	202.1	204.2	215.0	231.5	247.0	263.1	294.0
-60°	150.8	163.0	169.4	171.2	172.3	172.8	185.1	199.2	212.2	228.2	257.1
-62.5°	125.0	136.3	141.5	143.9	145.2	145.5	160.8	175.1	188.1	207.8	238.7
-65°	101.1	109.6	113.2	115.2	116.0	119.7	138.6	155.5	170.8	202.3	250.9
-67.5°	82.3	86.0	87.9	89.1	90.2	98.3	120.3	140.6	159.5	199.9	263.6
-70°	65.1	66.9	68.3	69.5	70.4	79.8	100.5	122.2	144.5	166.9	190.7
-72.5°	48.9	50.4	51.6	52.6	53.3	61.2	75.4	90.9	107.4	117.5	124.8
-75°	33.8	35.7	36.8	37.7	38.2	43.5	51.4	59.7	68.3	72.8	76.0
-77.5°	21.2	22.7	23.7	24.5	25.0	28.5	32.9	37.6	42.4	44.9	47.0
-80°	11.9	12.8	13.5	14.1	14.5	16.1	18.0	20.1	22.2	23.0	23.5
-82.5°	6.5	6.8	7.1	7.4	7.7	7.9	8.1	8.3	8.4	8.6	8.7
-85°	3.7	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.3	4.4	4.4
-87.5°	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-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: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
82.5°	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.4	8.3
80°	24.0	24.3	23.4	22.3	23.4	24.3	24.0	23.5	23.0	22.2	20.1
77.5°	48.9	50.6	48.9	46.7	48.9	50.6	48.9	47.0	44.9	42.4	37.6
75°	78.9	81.6	80.0	77.9	80.0	81.6	78.9	76.0	72.8	68.3	59.7
72.5°	131.7	138.2	136.6	133.5	136.6	138.2	131.7	124.8	117.5	107.4	90.9
70°	215.7	241.1	240.0	233.7	240.0	241.1	215.7	190.7	166.9	144.5	122.2
67.5°	332.6	404.4	427.2	438.5	427.2	404.4	332.6	263.6	199.9	159.5	140.6
65°	296.2	339.5	356.7	369.5	356.7	339.5	296.2	250.9	202.3	170.8	155.5
62.5°	266.4	292.1	297.7	298.3	297.7	292.1	266.4	238.7	207.8	188.1	175.1
60°	285.1	312.4	316.5	311.6	316.5	312.4	285.1	257.1	228.2	212.2	199.2
57.5°	323.8	352.4	357.7	351.7	357.7	352.4	323.8	294.0	263.1	247.0	231.5
55°	377.3	406.2	415.8	414.0	415.8	406.2	377.3	346.5	314.3	295.6	275.7
52.5°	445.6	472.3	483.3	483.0	483.3	472.3	445.6	415.7	384.4	359.4	332.9
50°	536.9	560.8	572.7	574.3	572.7	560.8	536.9	508.3	475.4	441.2	405.2
47.5°	602.8	618.5	626.6	627.7	626.6	618.5	602.8	583.4	556.2	524.4	492.6
45°	643.1	651.5	657.9	663.3	657.9	651.5	643.1	631.8	606.3	575.1	542.4
42.5°	681.0	698.6	711.6	714.5	711.6	698.6	681.0	664.6	640.0	609.8	575.5
40°	731.9	756.1	779.3	803.5	779.3	756.1	731.9	705.9	678.5	647.6	620.7
37.5°	786.2	813.1	835.5	848.0	835.5	813.1	786.2	759.7	734.3	699.7	674.0
35°	675.5	657.9	647.4	643.3	647.4	657.9	675.5	704.6	745.9	774.4	743.0
32.5°	639.4	640.7	638.6	634.4	638.6	640.7	639.4	636.4	631.4	656.0	719.1
30°	722.0	733.7	735.2	734.5	735.2	733.7	722.0	697.3	664.0	646.8	638.1
27.5°	901.4	931.5	940.8	959.3	940.8	931.5	901.4	846.5	772.3	723.4	665.8
25°	1137.9	1183.3	1205.1	1213.1	1205.1	1183.3	1137.9	1068.6	979.0	876.6	766.9
22.5°	1348.1	1382.7	1403.0	1420.1	1403.0	1382.7	1348.1	1295.9	1203.5	1079.8	946.3
20°	1597.2	1660.4	1689.4	1691.6	1689.4	1660.4	1597.2	1489.3	1396.8	1286.1	1137.2
17.5°	1986.1	2109.2	2170.7	2188.0	2170.7	2109.2	1986.1	1811.9	1649.0	1457.6	1317.2
15°	2599.6	2913.8	3075.4	3151.7	3075.4	2913.8	2599.6	2260.0	1982.6	1708.4	1454.7
12.5°	3600.4	4308.7	4881.5	5097.1	4881.5	4308.7	3600.4	2982.4	2380.4	1979.9	1644.2
10°	5583.4	7698.6	10169.8	11322.6	10169.8	7698.6	5583.4	3939.4	2991.6	2255.9	1812.9
7.5°	10801.6	25079.4	48608.0	59831.6	48608.0	25079.4	10801.6	5638.4	3620.4	2611.1	1993.6
5°	23023.9	99363.9	177948.4	209015.5	177948.4	99363.9	23023.9	7845.6	4397.2	2959.1	2125.1
2.5°	36672.1	162969.8	307497.8	359555.0	307497.8	162969.8	36672.1	10316.6	5118.9	3178.9	2219.5
0°	43815.9	171740.1	339317.0	391259.2	339317.0	171740.1	43815.9	10648.2	5385.3	3245.2	2248.1
-2.5°	36672.1	162969.8	307497.8	359554.9	307497.8	162969.8	36672.1	10316.6	5118.9	3178.9	2219.5
-5°	23023.9	99363.9	177948.4	209015.5	177948.4	99363.9	23023.9	7845.6	4397.2	2959.1	2125.1
-7.5°	10801.6	25079.4	48608.0	59831.6	48608.0	25079.4	10801.6	5638.4	3620.4	2611.1	1993.6
-10°	5583.4	7698.6	10169.8	11322.6	10169.8	7698.6	5583.4	3939.4	2991.6	2255.9	1812.9
-12.5°	3600.4	4308.7	4881.5	5097.1	4881.5	4308.7	3600.4	2982.4	2380.4	1979.9	1644.2
-15°	2599.6	2913.8	3075.4	3151.7	3075.4	2913.8	2599.6	2260.0	1982.6	1708.4	1454.7
-17.5°	1986.1	2109.2	2170.7	2188.0	2170.7	2109.2	1986.1	1811.9	1649.0	1457.6	1317.2
-20°	1597.2	1660.4	1689.4	1691.6	1689.4	1660.4	1597.2	1489.3	1396.8	1286.1	1137.2



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1348.1	1382.7	1403.0	1420.1	1403.0	1382.7	1348.1	1295.9	1203.5	1079.8	946.3
-25°	1137.9	1183.3	1205.1	1213.1	1205.1	1183.3	1137.9	1068.6	979.0	876.6	766.9
-27.5°	901.4	931.5	940.8	959.3	940.8	931.5	901.4	846.5	772.3	723.4	665.8
-30°	722.0	733.7	735.2	734.5	735.2	733.7	722.0	697.3	664.0	646.8	638.1
-32.5°	639.4	640.7	638.6	634.4	638.6	640.7	639.4	636.4	631.4	656.0	719.1
-35°	675.5	657.9	647.4	643.3	647.4	657.9	675.5	704.6	745.9	774.4	743.0
-37.5°	786.2	813.1	835.5	848.0	835.5	813.1	786.2	759.7	734.3	699.7	674.0
-40°	731.9	756.1	779.3	803.5	779.3	756.1	731.9	705.9	678.5	647.6	620.7
-42.5°	681.0	698.6	711.6	714.5	711.6	698.6	681.0	664.6	640.0	609.8	575.5
-45°	643.1	651.5	657.9	663.3	657.9	651.5	643.1	631.8	606.3	575.1	542.4
-47.5°	602.8	618.5	626.6	627.7	626.6	618.5	602.8	583.4	556.2	524.4	492.6
-50°	536.9	560.8	572.7	574.3	572.7	560.8	536.9	508.3	475.4	441.2	405.2
-52.5°	445.6	472.3	483.3	483.0	483.3	472.3	445.6	415.7	384.4	359.4	332.9
-55°	377.3	406.2	415.8	414.0	415.8	406.2	377.3	346.5	314.3	295.6	275.7
-57.5°	323.8	352.4	357.7	351.7	357.7	352.4	323.8	294.0	263.1	247.0	231.5
-60°	285.1	312.4	316.5	311.6	316.5	312.4	285.1	257.1	228.2	212.2	199.2
-62.5°	266.4	292.1	297.7	298.3	297.7	292.1	266.4	238.7	207.8	188.1	175.1
-65°	296.2	339.5	356.7	369.5	356.7	339.5	296.2	250.9	202.3	170.8	155.5
-67.5°	332.6	404.4	427.2	438.5	427.2	404.4	332.6	263.6	199.9	159.5	140.6
-70°	215.7	241.1	240.0	233.7	240.0	241.1	215.7	190.7	166.9	144.5	122.2
-72.5°	131.7	138.2	136.6	133.5	136.6	138.2	131.7	124.8	117.5	107.4	90.9
-75°	78.9	81.6	80.0	77.9	80.0	81.6	78.9	76.0	72.8	68.3	59.7
-77.5°	48.9	50.6	48.9	46.7	48.9	50.6	48.9	47.0	44.9	42.4	37.6
-80°	24.0	24.3	23.4	22.3	23.4	24.3	24.0	23.5	23.0	22.2	20.1
-82.5°	8.8	8.8	8.9	8.9	8.9	8.8	8.8	8.7	8.6	8.4	8.3
-85°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.3
-87.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
85°	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2
82.5°	8.1	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.0
80°	18.0	16.1	14.5	14.1	13.5	12.8	11.9	10.7	9.5	8.6	8.1
77.5°	32.9	28.5	25.0	24.5	23.7	22.7	21.2	18.8	17.0	15.2	13.6
75°	51.4	43.5	38.2	37.7	36.8	35.7	33.8	30.8	27.6	24.4	21.4
72.5°	75.4	61.2	53.3	52.6	51.6	50.4	48.9	46.2	42.3	37.1	32.3
70°	100.5	79.8	70.4	69.5	68.3	66.9	65.1	63.2	60.9	57.2	49.9
67.5°	120.3	98.3	90.2	89.1	87.9	86.0	82.3	79.1	76.3	73.3	65.8
65°	138.6	119.7	116.0	115.2	113.2	109.6	101.1	94.7	90.1	86.2	78.4
62.5°	160.8	145.5	145.2	143.9	141.5	136.3	125.0	114.7	105.3	97.3	90.6
60°	185.1	172.8	172.3	171.2	169.4	163.0	150.8	137.6	123.5	114.4	105.3
57.5°	215.0	204.2	202.1	199.1	195.3	185.8	174.4	162.5	148.2	135.2	122.8
55°	254.8	244.1	238.1	231.3	224.0	210.8	197.0	183.2	170.6	158.9	144.6
52.5°	305.8	294.4	283.0	270.1	256.9	239.3	221.6	206.1	191.7	178.9	165.5
50°	373.2	356.9	338.6	320.1	298.5	272.8	250.9	231.0	214.8	199.8	184.6
47.5°	459.7	434.0	405.7	380.5	349.8	317.0	288.0	260.0	241.5	221.4	204.6
45°	521.9	507.0	488.4	452.4	411.6	373.8	333.7	301.5	271.9	248.3	224.7
42.5°	564.7	553.9	538.7	515.7	485.4	438.8	392.2	349.8	311.3	278.3	248.4
40°	604.0	587.1	573.5	557.5	532.6	504.0	457.1	403.8	357.3	314.6	272.4
37.5°	650.0	625.5	607.5	588.2	568.7	543.5	513.4	465.8	406.5	352.7	301.8
35°	707.6	677.1	649.4	624.6	600.1	574.5	548.1	516.6	462.4	394.3	333.3
32.5°	780.6	742.3	704.5	670.4	632.6	601.7	574.5	546.6	510.4	441.3	370.9
30°	667.5	751.5	768.4	721.1	671.7	629.1	597.6	569.7	536.0	488.9	408.9
27.5°	648.7	643.8	736.8	774.1	713.3	661.6	622.3	590.0	559.8	518.5	452.3
25°	701.8	658.6	649.8	735.1	763.2	698.9	651.5	612.9	577.9	543.0	503.7
22.5°	805.4	717.9	661.5	649.8	755.5	747.0	686.6	636.9	599.0	576.7	539.3
20°	975.4	812.9	712.1	662.6	684.9	792.0	722.4	669.6	634.6	607.9	572.3
17.5°	1145.7	962.7	788.8	688.6	664.8	740.6	765.2	709.0	665.7	639.9	605.1
15°	1300.6	1101.8	906.1	755.4	677.0	691.1	802.6	745.5	694.9	669.5	632.1
12.5°	1400.3	1224.5	1013.0	814.8	698.8	673.5	781.1	777.9	725.6	686.8	649.5
10°	1493.2	1310.6	1104.5	897.1	745.2	683.4	749.3	804.6	750.2	700.8	663.5
7.5°	1605.9	1362.5	1172.5	960.3	775.9	687.6	724.7	828.9	772.7	714.9	674.4
5°	1675.5	1398.4	1212.9	996.8	789.9	687.4	706.1	850.6	792.7	728.5	682.6
2.5°	1718.8	1418.4	1232.6	1016.5	793.9	683.8	697.8	870.5	812.3	736.3	684.7
0°	1725.0	1415.6	1244.2	1023.9	792.4	676.6	703.4	888.1	830.2	741.2	685.5
-2.5°	1718.8	1418.4	1232.6	1016.5	793.9	683.8	697.8	870.5	812.3	736.3	684.7
-5°	1675.5	1398.4	1212.9	996.8	789.9	687.4	706.1	850.6	792.7	728.5	682.6
-7.5°	1605.9	1362.5	1172.5	960.3	775.9	687.6	724.7	828.9	772.7	714.9	674.4
-10°	1493.2	1310.6	1104.5	897.1	745.2	683.4	749.3	804.6	750.2	700.8	663.5
-12.5°	1400.3	1224.5	1013.0	814.8	698.8	673.5	781.1	777.9	725.6	686.8	649.5
-15°	1300.6	1101.8	906.1	755.4	677.0	691.1	802.6	745.5	694.9	669.5	632.1
-17.5°	1145.7	962.7	788.8	688.6	664.8	740.6	765.2	709.0	665.7	639.9	605.1
-20°	975.4	812.9	712.1	662.6	684.9	792.0	722.4	669.6	634.6	607.9	572.3



REPORT NUMBER: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	805.4	717.9	661.5	649.8	755.5	747.0	686.6	636.9	599.0	576.7	539.3
-25°	701.8	658.6	649.8	735.1	763.2	698.9	651.5	612.9	577.9	543.0	503.7
-27.5°	648.7	643.8	736.8	774.1	713.3	661.6	622.3	590.0	559.8	518.5	452.3
-30°	667.5	751.5	768.4	721.1	671.7	629.1	597.6	569.7	536.0	488.9	408.9
-32.5°	780.6	742.3	704.5	670.4	632.6	601.7	574.5	546.6	510.4	441.3	370.9
-35°	707.6	677.1	649.4	624.6	600.1	574.5	548.1	516.6	462.4	394.3	333.3
-37.5°	650.0	625.5	607.5	588.2	568.7	543.5	513.4	465.8	406.5	352.7	301.8
-40°	604.0	587.1	573.5	557.5	532.6	504.0	457.1	403.8	357.3	314.6	272.4
-42.5°	564.7	553.9	538.7	515.7	485.4	438.8	392.2	349.8	311.3	278.3	248.4
-45°	521.9	507.0	488.4	452.4	411.6	373.8	333.7	301.5	271.9	248.3	224.7
-47.5°	459.7	434.0	405.7	380.5	349.8	317.0	288.0	260.0	241.5	221.4	204.6
-50°	373.2	356.9	338.6	320.1	298.5	272.8	250.9	231.0	214.8	199.8	184.6
-52.5°	305.8	294.4	283.0	270.1	256.9	239.3	221.6	206.1	191.7	178.9	165.5
-55°	254.8	244.1	238.1	231.3	224.0	210.8	197.0	183.2	170.6	158.9	144.6
-57.5°	215.0	204.2	202.1	199.1	195.3	185.8	174.4	162.5	148.2	135.2	122.8
-60°	185.1	172.8	172.3	171.2	169.4	163.0	150.8	137.6	123.5	114.4	105.3
-62.5°	160.8	145.5	145.2	143.9	141.5	136.3	125.0	114.7	105.3	97.3	90.6
-65°	138.6	119.7	116.0	115.2	113.2	109.6	101.1	94.7	90.1	86.2	78.4
-67.5°	120.3	98.3	90.2	89.1	87.9	86.0	82.3	79.1	76.3	73.3	65.8
-70°	100.5	79.8	70.4	69.5	68.3	66.9	65.1	63.2	60.9	57.2	49.9
-72.5°	75.4	61.2	53.3	52.6	51.6	50.4	48.9	46.2	42.3	37.1	32.3
-75°	51.4	43.5	38.2	37.7	36.8	35.7	33.8	30.8	27.6	24.4	21.4
-77.5°	32.9	28.5	25.0	24.5	23.7	22.7	21.2	18.8	17.0	15.2	13.6
-80°	18.0	16.1	14.5	14.1	13.5	12.8	11.9	10.7	9.5	8.6	8.1
-82.5°	8.1	7.9	7.7	7.4	7.1	6.8	6.5	6.2	5.8	5.4	5.0
-85°	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2
-87.5°	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6
-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: P558993 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-935-U-TSB-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°	1.5	1.4	1.3	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.4
85°	3.0	2.9	2.7	2.6	2.9	3.4	3.6	3.8	3.4	3.1	2.7
82.5°	4.6	4.3	4.1	3.9	3.8	3.9	4.2	4.5	4.5	4.5	4.0
80°	7.6	7.0	6.4	5.8	5.1	4.5	4.4	4.5	4.5	4.5	4.5
77.5°	12.4	10.9	9.2	8.3	7.5	6.6	5.8	4.9	4.5	4.5	4.5
75°	19.0	17.4	15.6	13.4	10.9	8.8	7.8	6.8	5.9	4.7	4.5
72.5°	29.4	26.3	23.2	19.4	16.3	13.4	10.7	8.8	7.8	6.6	5.0
70°	42.6	36.6	32.4	27.6	22.6	18.0	14.7	12.2	9.8	8.4	6.8
67.5°	57.9	49.5	42.6	35.9	29.9	24.3	18.9	16.0	13.4	10.4	8.6
65°	69.6	61.0	52.6	45.0	37.6	30.7	24.6	20.4	17.0	13.8	10.4
62.5°	81.8	71.4	62.3	53.8	45.5	37.6	30.4	26.2	21.1	17.1	13.1
60°	95.5	85.1	72.5	62.7	53.5	44.4	37.3	32.1	26.7	20.5	16.2
57.5°	112.2	100.3	85.9	72.5	61.5	51.5	44.6	38.8	32.3	25.4	19.2
55°	130.1	116.1	99.1	83.6	70.1	58.8	52.5	46.0	38.2	30.6	22.6
52.5°	150.4	131.9	112.8	94.8	79.3	67.4	61.7	53.3	45.1	35.8	27.5
50°	169.5	148.4	126.7	106.8	88.1	78.5	71.2	62.3	52.0	41.3	32.9
47.5°	185.2	163.5	141.3	118.7	98.5	90.4	82.4	71.7	59.1	47.7	38.4
45°	201.3	177.1	154.6	131.4	112.6	103.9	94.5	81.5	67.9	55.3	44.2
42.5°	217.3	191.4	166.4	143.3	128.7	117.6	107.3	93.0	77.0	63.3	50.7
40°	237.6	206.0	178.1	157.6	144.5	131.2	119.7	105.1	86.5	72.0	57.8
37.5°	257.3	222.4	191.1	172.9	159.4	145.1	131.9	117.7	98.5	82.0	65.1
35°	282.8	239.8	209.4	189.0	173.0	158.5	143.8	129.8	112.2	92.1	72.6
32.5°	307.4	261.6	230.4	205.3	186.0	171.2	155.5	145.1	126.5	102.3	80.1
30°	340.4	290.7	251.0	220.6	198.9	182.7	170.1	162.3	141.3	112.5	87.9
27.5°	381.1	319.2	272.1	237.8	212.4	194.1	189.6	181.4	156.5	123.6	96.4
25°	422.5	353.1	297.4	255.2	225.0	213.5	208.8	201.8	172.3	136.1	104.7
22.5°	468.3	387.5	321.9	271.6	246.6	232.1	227.1	219.2	189.0	148.5	112.8
20°	512.6	420.1	347.1	298.8	269.9	252.0	244.4	236.3	206.4	160.9	120.8
17.5°	552.9	456.8	382.4	328.6	293.5	271.6	261.0	253.0	224.2	173.1	128.5
15°	579.8	495.9	415.4	356.4	316.1	290.6	277.1	269.5	242.3	185.0	134.1
12.5°	602.6	530.1	445.1	382.4	337.8	309.1	292.7	285.6	260.3	192.8	137.0
10°	621.7	559.6	471.7	406.4	358.5	327.1	307.8	297.0	267.2	196.6	139.5
7.5°	637.4	584.5	495.3	428.5	375.4	336.1	310.1	299.0	271.4	199.5	141.6
5°	648.4	599.2	506.5	434.3	376.7	335.4	310.1	300.7	274.3	201.5	143.3
2.5°	650.0	600.8	509.3	436.2	377.0	333.9	309.9	301.9	275.8	202.5	144.3
0°	649.9	598.7	509.7	436.3	376.2	331.6	309.4	302.7	276.0	202.5	144.7
-2.5°	650.0	600.8	509.3	436.2	377.0	333.9	309.9	301.9	275.8	202.5	144.3
-5°	648.4	599.2	506.5	434.3	376.7	335.4	310.1	300.7	274.3	201.5	143.3
-7.5°	637.4	584.5	495.3	428.5	375.4	336.1	310.1	299.0	271.4	199.5	141.6
-10°	621.7	559.6	471.7	406.4	358.5	327.1	307.8	297.0	267.2	196.6	139.5
-12.5°	602.6	530.1	445.1	382.4	337.8	309.1	292.7	285.6	260.3	192.8	137.0
-15°	579.8	495.9	415.4	356.4	316.1	290.6	277.1	269.5	242.3	185.0	134.1
-17.5°	552.9	456.8	382.4	328.6	293.5	271.6	261.0	253.0	224.2	173.1	128.5
-20°	512.6	420.1	347.1	298.8	269.9	252.0	244.4	236.3	206.4	160.9	120.8



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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°	468.3	387.5	321.9	271.6	246.6	232.1	227.1	219.2	189.0	148.5	112.8
-25°	422.5	353.1	297.4	255.2	225.0	213.5	208.8	201.8	172.3	136.1	104.7
-27.5°	381.1	319.2	272.1	237.8	212.4	194.1	189.6	181.4	156.5	123.6	96.4
-30°	340.4	290.7	251.0	220.6	198.9	182.7	170.1	162.3	141.3	112.5	87.9
-32.5°	307.4	261.6	230.4	205.3	186.0	171.2	155.5	145.1	126.5	102.3	80.1
-35°	282.8	239.8	209.4	189.0	173.0	158.5	143.8	129.8	112.2	92.1	72.6
-37.5°	257.3	222.4	191.1	172.9	159.4	145.1	131.9	117.7	98.5	82.0	65.1
-40°	237.6	206.0	178.1	157.6	144.5	131.2	119.7	105.1	86.5	72.0	57.8
-42.5°	217.3	191.4	166.4	143.3	128.7	117.6	107.3	93.0	77.0	63.3	50.7
-45°	201.3	177.1	154.6	131.4	112.6	103.9	94.5	81.5	67.9	55.3	44.2
-47.5°	185.2	163.5	141.3	118.7	98.5	90.4	82.4	71.7	59.1	47.7	38.4
-50°	169.5	148.4	126.7	106.8	88.1	78.5	71.2	62.3	52.0	41.3	32.9
-52.5°	150.4	131.9	112.8	94.8	79.3	67.4	61.7	53.3	45.1	35.8	27.5
-55°	130.1	116.1	99.1	83.6	70.1	58.8	52.5	46.0	38.2	30.6	22.6
-57.5°	112.2	100.3	85.9	72.5	61.5	51.5	44.6	38.8	32.3	25.4	19.2
-60°	95.5	85.1	72.5	62.7	53.5	44.4	37.3	32.1	26.7	20.5	16.2
-62.5°	81.8	71.4	62.3	53.8	45.5	37.6	30.4	26.2	21.1	17.1	13.1
-65°	69.6	61.0	52.6	45.0	37.6	30.7	24.6	20.4	17.0	13.8	10.4
-67.5°	57.9	49.5	42.6	35.9	29.9	24.3	18.9	16.0	13.4	10.4	8.6
-70°	42.6	36.6	32.4	27.6	22.6	18.0	14.7	12.2	9.8	8.4	6.8
-72.5°	29.4	26.3	23.2	19.4	16.3	13.4	10.7	8.8	7.8	6.6	5.0
-75°	19.0	17.4	15.6	13.4	10.9	8.8	7.8	6.8	5.9	4.7	4.5
-77.5°	12.4	10.9	9.2	8.3	7.5	6.6	5.8	4.9	4.5	4.5	4.5
-80°	7.6	7.0	6.4	5.8	5.1	4.5	4.4	4.5	4.5	4.5	4.5
-82.5°	4.6	4.3	4.1	3.9	3.8	3.9	4.2	4.5	4.5	4.5	4.0
-85°	3.0	2.9	2.7	2.6	2.9	3.4	3.6	3.8	3.4	3.1	2.7
-87.5°	1.5	1.4	1.3	1.3	1.5	1.7	1.8	1.9	1.7	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
80°	4.5	3.9	3.1	2.3	1.6	0.8	0.0
77.5°	4.5	4.5	3.9	2.9	1.9	1.0	0.0
75°	4.5	4.5	4.5	3.5	2.3	1.2	0.0
72.5°	4.5	4.5	4.5	4.0	2.7	1.4	0.0
70°	4.7	4.5	4.5	4.5	3.1	1.5	0.0
67.5°	6.4	4.5	4.5	4.5	3.4	1.7	0.0
65°	8.0	5.2	4.5	4.5	3.8	1.9	0.0
62.5°	9.7	6.7	4.5	4.5	4.2	2.1	0.0
60°	11.4	8.2	4.5	4.5	4.5	2.2	0.0
57.5°	14.2	9.6	5.6	4.5	4.5	2.4	0.0
55°	17.3	11.0	6.8	4.5	4.6	2.6	0.0
52.5°	20.5	12.7	8.0	4.5	4.6	2.7	0.0
50°	23.7	15.5	9.2	4.5	4.6	2.9	0.0
47.5°	27.2	18.3	10.3	4.7	4.7	3.0	0.0
45°	32.2	21.1	11.4	5.5	4.8	3.2	0.0
42.5°	37.2	24.0	12.5	6.4	4.8	3.3	0.0
40°	42.3	26.8	14.1	7.2	4.9	3.4	0.0
37.5°	47.5	29.6	16.3	7.9	5.0	3.6	0.0
35°	52.7	33.3	18.5	8.6	5.1	3.7	0.0
32.5°	58.1	37.4	20.5	9.2	5.2	3.8	0.0
30°	64.2	41.4	22.6	9.7	5.3	3.9	0.0
27.5°	70.2	45.3	23.9	10.1	5.4	4.0	0.0
25°	76.1	49.1	24.9	10.5	5.5	4.1	0.0
22.5°	81.9	52.1	25.7	10.8	5.6	4.2	0.0
20°	87.6	53.2	26.3	11.1	5.8	4.2	0.0
17.5°	90.5	53.9	26.6	11.2	5.9	4.3	0.0
15°	91.6	54.2	26.8	11.4	6.0	4.3	0.0
12.5°	92.3	54.1	26.8	11.4	6.1	4.4	0.0
10°	92.5	53.7	26.7	11.4	6.3	4.4	0.0
7.5°	92.3	53.0	26.3	11.4	6.4	4.5	0.0
5°	91.7	51.9	25.8	11.3	6.5	4.5	0.0
2.5°	90.6	50.6	25.2	11.2	6.6	4.5	0.0
0°	89.0	49.0	24.5	11.1	6.7	4.5	0.0
-2.5°	90.6	50.6	25.2	11.2	6.6	4.5	0.0
-5°	91.7	51.9	25.8	11.3	6.5	4.5	0.0
-7.5°	92.3	53.0	26.3	11.4	6.4	4.5	0.0
-10°	92.5	53.7	26.7	11.4	6.3	4.4	0.0
-12.5°	92.3	54.1	26.8	11.4	6.1	4.4	0.0
-15°	91.6	54.2	26.8	11.4	6.0	4.3	0.0
-17.5°	90.5	53.9	26.6	11.2	5.9	4.3	0.0
-20°	87.6	53.2	26.3	11.1	5.8	4.2	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	81.9	52.1	25.7	10.8	5.6	4.2	0.0
-25°	76.1	49.1	24.9	10.5	5.5	4.1	0.0
-27.5°	70.2	45.3	23.9	10.1	5.4	4.0	0.0
-30°	64.2	41.4	22.6	9.7	5.3	3.9	0.0
-32.5°	58.1	37.4	20.5	9.2	5.2	3.8	0.0
-35°	52.7	33.3	18.5	8.6	5.1	3.7	0.0
-37.5°	47.5	29.6	16.3	7.9	5.0	3.6	0.0
-40°	42.3	26.8	14.1	7.2	4.9	3.4	0.0
-42.5°	37.2	24.0	12.5	6.4	4.8	3.3	0.0
-45°	32.2	21.1	11.4	5.5	4.8	3.2	0.0
-47.5°	27.2	18.3	10.3	4.7	4.7	3.0	0.0
-50°	23.7	15.5	9.2	4.5	4.6	2.9	0.0
-52.5°	20.5	12.7	8.0	4.5	4.6	2.7	0.0
-55°	17.3	11.0	6.8	4.5	4.6	2.6	0.0
-57.5°	14.2	9.6	5.6	4.5	4.5	2.4	0.0
-60°	11.4	8.2	4.5	4.5	4.5	2.2	0.0
-62.5°	9.7	6.7	4.5	4.5	4.2	2.1	0.0
-65°	8.0	5.2	4.5	4.5	3.8	1.9	0.0
-67.5°	6.4	4.5	4.5	4.5	3.4	1.7	0.0
-70°	4.7	4.5	4.5	4.5	3.1	1.5	0.0
-72.5°	4.5	4.5	4.5	4.0	2.7	1.4	0.0
-75°	4.5	4.5	4.5	3.5	2.3	1.2	0.0
-77.5°	4.5	4.5	3.9	2.9	1.9	1.0	0.0
-80°	4.5	3.9	3.1	2.3	1.6	0.8	0.0
-82.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-85°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-87.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)