

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: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558865 (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-SA3E-935-U-TSB-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

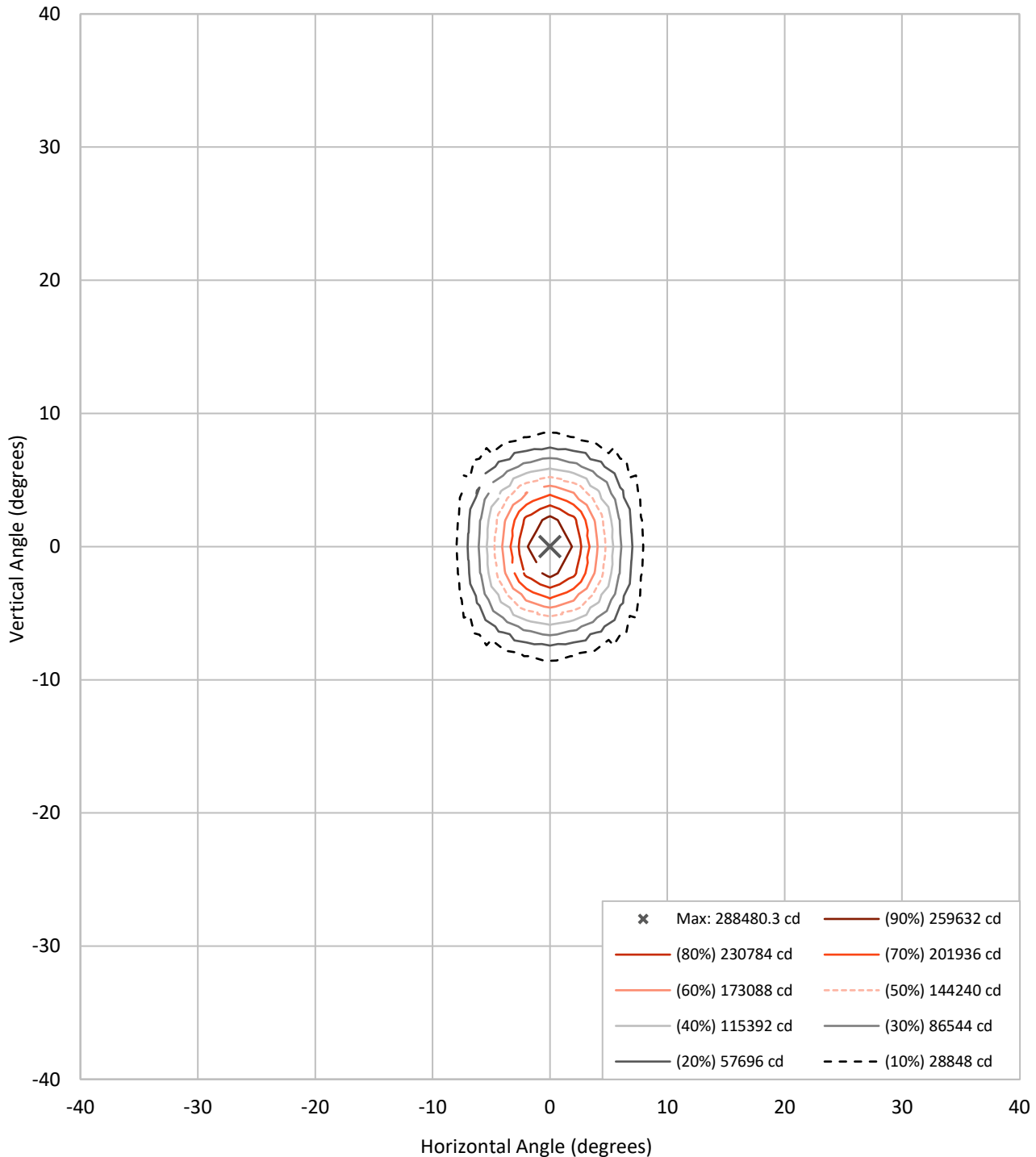
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	11234.1 lumens	Max Intensity:	288480.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	61.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4815.1 lumens	Field Lumens:	8298.8 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 182  
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





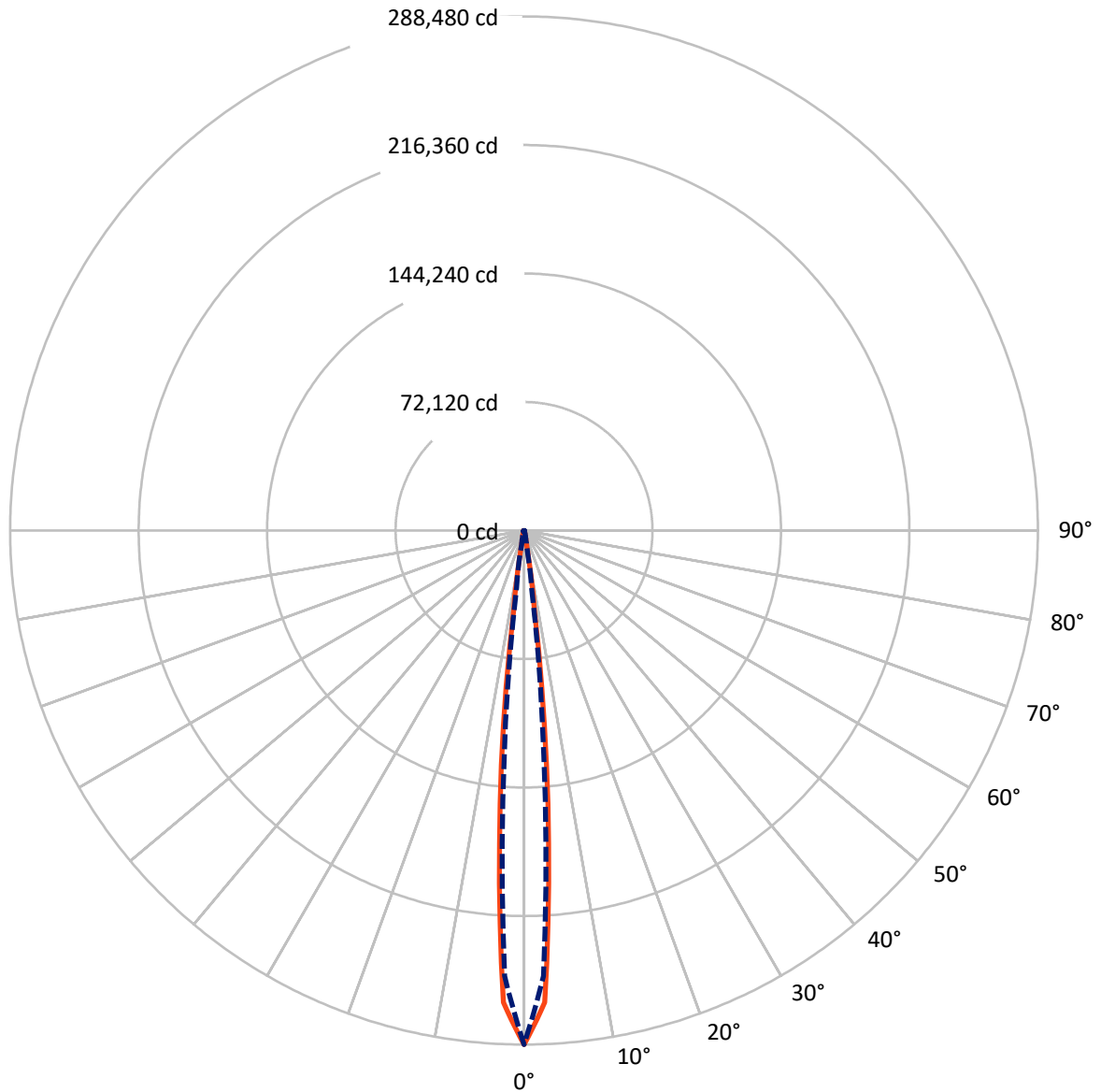
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### Lumen Table

90	0.0	0.3	1.2	2.7	4.6	2.7	1.2	0.3	0.0							
80	0.0	0.3	1.2	2.7	4.6	2.7	1.2	0.3	0.0							
70	0.2	0.2	0.6	1.2	1.9	2.5	3.9	7.0	7.0	3.9	2.5	1.9	1.2	0.6	0.2	0.2
60		0.4	1.1	2.3	3.7	5.0	6.7	9.1	9.1	6.7	5.0	3.7	2.3	1.1	0.4	
50	0.6	0.8	1.8	3.6	6.3	9.5	12.2	14.6	14.6	12.2	9.5	6.3	3.6	1.8	0.8	0.6
40		1.2	2.5	5.5	9.9	13.3	15.1	15.9	15.9	15.1	13.3	9.9	5.5	2.5	1.2	
30	1.1	1.8	3.5	7.7	12.1	14.5	19.7	25.9	25.9	19.7	14.5	12.1	7.7	3.5	1.8	1.1
20		2.4	4.8	9.8	13.4	19.0	38.6	77.1	77.1	38.6	19.0	13.4	9.8	4.8	2.4	
10	1.3	2.8	5.7	10.9	13.9	24.4	76.3	2257.1	2257.1	76.3	24.4	13.9	10.9	5.7	2.8	1.3
0		2.8	5.7	10.9	13.9	24.4	76.3	2257.1	2257.1	76.3	24.4	13.9	10.9	5.7	2.8	
-10	1.1	2.4	4.8	9.8	13.4	19.0	38.6	77.1	77.1	38.6	19.0	13.4	9.8	4.8	2.4	1.1
-20		1.8	3.5	7.7	12.1	14.5	19.7	25.9	25.9	19.7	14.5	12.1	7.7	3.5	1.8	
-30	0.6	1.2	2.5	5.5	9.9	13.3	15.1	15.9	15.9	15.1	13.3	9.9	5.5	2.5	1.2	0.6
-40		0.8	1.8	3.6	6.3	9.5	12.2	14.6	14.6	12.2	9.5	6.3	3.6	1.8	0.8	
-50	0.2	0.4	1.1	2.3	3.7	5.0	6.7	9.1	9.1	6.7	5.0	3.7	2.3	1.1	0.4	0.2
-60		0.2	0.6	1.2	1.9	2.5	3.9	7.0	7.0	3.9	2.5	1.9	1.2	0.6	0.2	
-70	0.0	0.3	1.2	2.7	4.6	2.7	1.2	0.3	0.0							
-80		0.0	0.3	1.2	2.7	4.6	2.7	1.2	0.3	0.0						
-90	0.0	0.3	1.2	2.7	4.6	2.7	1.2	0.3	0.0							

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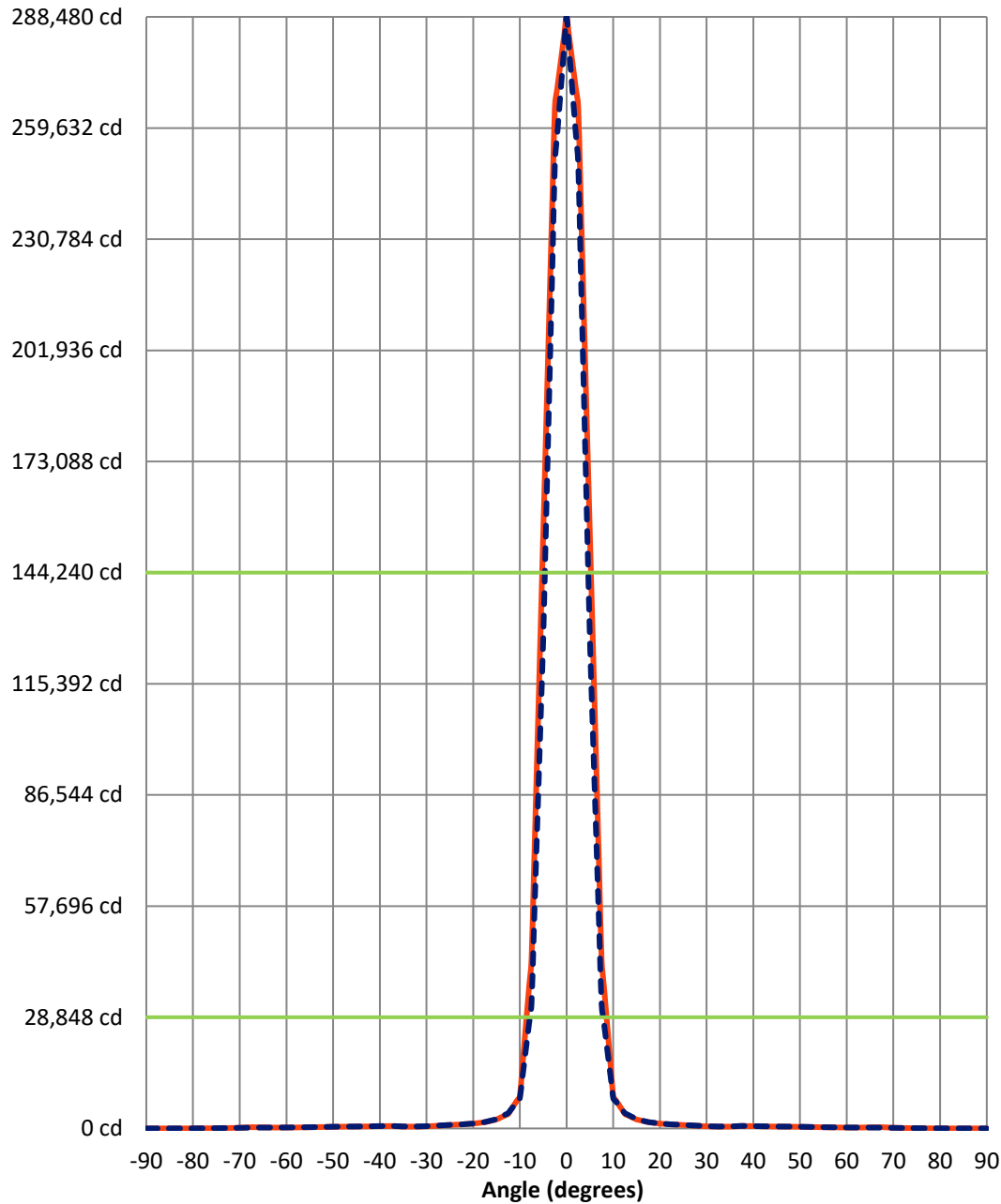
### Luminous Intensity Polar Plot



— 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: 4815.1  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 8298.8  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 2935.3  
 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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.3	5.1
72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.6	4.8	5.8	6.5
70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.2	7.3	9.0
67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.3	7.7	9.9	11.8
65°	0.0	1.4	2.8	3.3	3.3	3.8	5.9	7.7	10.2	12.6	15.0
62.5°	0.0	1.5	3.0	3.3	3.3	4.9	7.1	9.7	12.6	15.5	19.3
60°	0.0	1.6	3.3	3.3	3.3	6.0	8.4	11.9	15.1	19.6	23.6
57.5°	0.0	1.8	3.3	3.3	4.1	7.1	10.5	14.2	18.7	23.8	28.6
55°	0.0	1.9	3.3	3.3	5.0	8.1	12.7	16.6	22.5	28.1	33.9
52.5°	0.0	2.0	3.4	3.3	5.9	9.3	15.1	20.3	26.3	33.2	39.4
50°	0.0	2.1	3.4	3.3	6.7	11.4	17.4	24.2	30.4	38.4	46.0
47.5°	0.0	2.2	3.4	3.5	7.5	13.5	20.0	28.3	35.2	43.6	52.9
45°	0.0	2.3	3.5	4.1	8.4	15.5	23.7	32.5	40.8	50.1	60.1
42.5°	0.0	2.4	3.5	4.7	9.2	17.6	27.4	37.3	46.7	56.8	68.5
40°	0.0	2.5	3.6	5.2	10.4	19.7	31.2	42.6	53.2	63.8	77.5
37.5°	0.0	2.6	3.7	5.8	12.0	21.8	35.0	48.0	60.5	72.6	86.7
35°	0.0	2.7	3.7	6.3	13.5	24.5	38.8	53.5	67.9	82.7	95.7
32.5°	0.0	2.8	3.8	6.7	15.1	27.5	42.9	59.1	75.4	93.3	106.9
30°	0.0	2.9	3.9	7.1	16.6	30.5	47.3	64.9	83.0	104.2	119.7
27.5°	0.0	2.9	4.0	7.4	17.6	33.4	51.8	71.1	91.1	115.4	133.7
25°	0.0	3.0	4.0	7.7	18.3	36.2	56.1	77.2	100.3	127.0	148.8
22.5°	0.0	3.0	4.1	7.9	18.9	38.4	60.4	83.2	109.5	139.3	161.6
20°	0.0	3.1	4.2	8.1	19.4	39.2	64.6	89.1	118.7	152.1	174.2
17.5°	0.0	3.1	4.3	8.3	19.6	39.7	66.8	94.8	127.7	165.3	186.5
15°	0.0	3.2	4.4	8.4	19.8	40.0	67.6	98.9	136.4	178.6	198.7
12.5°	0.0	3.2	4.5	8.4	19.8	39.9	68.0	101.0	142.1	191.9	210.5
10°	0.0	3.2	4.6	8.4	19.7	39.6	68.2	102.9	145.0	197.0	218.9
7.5°	0.0	3.3	4.7	8.4	19.4	39.1	68.1	104.4	147.1	200.1	220.4
5°	0.0	3.3	4.7	8.4	19.1	38.3	67.6	105.7	148.5	202.2	221.7
2.5°	0.0	3.3	4.8	8.3	18.6	37.3	66.8	106.4	149.3	203.3	222.6
0°	0.0	3.3	4.9	8.2	18.1	36.1	65.6	106.7	149.3	203.5	223.2
-2.5°	0.0	3.3	4.8	8.3	18.6	37.3	66.8	106.4	149.3	203.3	222.6
-5°	0.0	3.3	4.7	8.4	19.1	38.3	67.6	105.7	148.5	202.2	221.7
-7.5°	0.0	3.3	4.7	8.4	19.4	39.1	68.1	104.4	147.1	200.1	220.4
-10°	0.0	3.2	4.6	8.4	19.7	39.6	68.2	102.9	145.0	197.0	218.9
-12.5°	0.0	3.2	4.5	8.4	19.8	39.9	68.0	101.0	142.1	191.9	210.5
-15°	0.0	3.2	4.4	8.4	19.8	40.0	67.6	98.9	136.4	178.6	198.7
-17.5°	0.0	3.1	4.3	8.3	19.6	39.7	66.8	94.8	127.7	165.3	186.5
-20°	0.0	3.1	4.2	8.1	19.4	39.2	64.6	89.1	118.7	152.1	174.2



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 CATALOG NUMBER: GFLD-SA3E-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	3.0	4.1	7.9	18.9	38.4	60.4	83.2	109.5	139.3	161.6
-25°	0.0	3.0	4.0	7.7	18.3	36.2	56.1	77.2	100.3	127.0	148.8
-27.5°	0.0	2.9	4.0	7.4	17.6	33.4	51.8	71.1	91.1	115.4	133.7
-30°	0.0	2.9	3.9	7.1	16.6	30.5	47.3	64.9	83.0	104.2	119.7
-32.5°	0.0	2.8	3.8	6.7	15.1	27.5	42.9	59.1	75.4	93.3	106.9
-35°	0.0	2.7	3.7	6.3	13.5	24.5	38.8	53.5	67.9	82.7	95.7
-37.5°	0.0	2.6	3.7	5.8	12.0	21.8	35.0	48.0	60.5	72.6	86.7
-40°	0.0	2.5	3.6	5.2	10.4	19.7	31.2	42.6	53.2	63.8	77.5
-42.5°	0.0	2.4	3.5	4.7	9.2	17.6	27.4	37.3	46.7	56.8	68.5
-45°	0.0	2.3	3.5	4.1	8.4	15.5	23.7	32.5	40.8	50.1	60.1
-47.5°	0.0	2.2	3.4	3.5	7.5	13.5	20.0	28.3	35.2	43.6	52.9
-50°	0.0	2.1	3.4	3.3	6.7	11.4	17.4	24.2	30.4	38.4	46.0
-52.5°	0.0	2.0	3.4	3.3	5.9	9.3	15.1	20.3	26.3	33.2	39.4
-55°	0.0	1.9	3.3	3.3	5.0	8.1	12.7	16.6	22.5	28.1	33.9
-57.5°	0.0	1.8	3.3	3.3	4.1	7.1	10.5	14.2	18.7	23.8	28.6
-60°	0.0	1.6	3.3	3.3	3.3	6.0	8.4	11.9	15.1	19.6	23.6
-62.5°	0.0	1.5	3.0	3.3	3.3	4.9	7.1	9.7	12.6	15.5	19.3
-65°	0.0	1.4	2.8	3.3	3.3	3.8	5.9	7.7	10.2	12.6	15.0
-67.5°	0.0	1.3	2.5	3.3	3.3	3.3	4.7	6.3	7.7	9.9	11.8
-70°	0.0	1.1	2.3	3.3	3.3	3.3	3.5	5.0	6.2	7.3	9.0
-72.5°	0.0	1.0	2.0	3.0	3.3	3.3	3.3	3.6	4.8	5.8	6.5
-75°	0.0	0.9	1.7	2.6	3.3	3.3	3.3	3.3	3.4	4.3	5.1
-77.5°	0.0	0.7	1.4	2.1	2.8	3.3	3.3	3.3	3.3	3.3	3.6
-80°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.3	3.3	3.3	3.3
-82.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.6	3.0	3.3	3.3	3.3
-85°	0.0	0.3	0.6	0.9	1.1	1.4	1.7	2.0	2.3	2.5	2.8
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.3	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):**

	-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°	1.3	1.2	1.1	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	2.7	2.5	2.1	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
82.5°	3.1	2.9	2.8	2.8	3.0	3.2	3.4	3.7	4.0	4.3	4.5
80°	3.2	3.3	3.8	4.2	4.7	5.2	5.6	6.0	6.4	7.0	7.9
77.5°	4.3	4.9	5.5	6.1	6.8	8.1	9.2	10.0	11.2	12.5	13.9
75°	5.8	6.5	8.1	9.9	11.6	12.8	14.0	15.8	18.0	20.4	22.7
72.5°	7.9	9.9	12.0	14.4	17.1	19.4	21.7	23.8	27.3	31.2	34.1
70°	10.8	13.3	16.7	20.4	23.9	27.0	31.5	36.8	42.2	45.0	46.6
67.5°	13.9	17.9	22.1	26.5	31.4	36.6	42.7	48.5	54.0	56.2	58.3
65°	18.1	22.6	27.7	33.2	38.8	45.0	51.3	57.8	63.5	66.5	69.8
62.5°	22.4	27.7	33.6	39.7	46.0	52.6	60.3	66.8	71.7	77.7	84.6
60°	27.5	32.8	39.5	46.3	53.5	62.7	70.5	77.7	84.4	91.1	101.5
57.5°	32.9	38.0	45.4	53.5	63.4	73.9	82.7	90.5	99.7	109.3	119.8
55°	38.8	43.4	51.7	61.7	73.0	85.6	95.9	106.6	117.2	125.8	135.1
52.5°	45.5	49.7	58.5	69.9	83.1	97.2	110.9	122.1	131.9	141.3	151.9
50°	52.5	57.9	65.0	78.8	93.4	109.4	124.9	136.1	147.3	158.4	170.3
47.5°	60.7	66.7	72.7	87.5	104.2	120.5	136.6	150.9	163.3	178.1	191.7
45°	69.7	76.6	83.1	96.8	114.0	130.6	148.4	165.7	183.1	200.5	222.3
42.5°	79.1	86.7	94.9	105.6	122.7	141.1	160.3	183.2	205.3	229.5	257.9
40°	88.2	96.7	106.5	116.1	131.3	151.9	175.2	200.9	232.0	263.5	297.8
37.5°	97.2	107.0	117.5	127.5	140.9	164.0	189.7	222.6	260.1	299.8	343.5
35°	106.0	116.8	127.5	139.4	154.4	176.8	208.5	245.8	290.7	340.9	380.9
32.5°	114.6	126.2	137.1	151.4	169.9	192.8	226.7	273.5	325.4	376.3	403.1
30°	125.4	134.7	146.6	162.7	185.0	214.3	251.0	301.5	360.5	395.2	420.1
27.5°	139.7	143.1	156.6	175.4	200.6	235.4	281.0	333.5	382.3	412.8	435.1
25°	153.9	157.4	165.9	188.2	219.3	260.3	311.5	371.4	400.3	426.1	451.9
22.5°	167.4	171.1	181.8	200.2	237.3	285.7	345.2	397.6	425.2	441.7	469.6
20°	180.2	185.9	199.0	220.3	255.9	309.8	377.9	421.9	448.2	467.9	493.7
17.5°	192.4	200.3	216.4	242.3	282.0	336.8	407.6	446.1	471.8	490.8	522.8
15°	204.3	214.3	233.1	262.8	306.3	365.6	427.5	466.0	493.6	512.3	549.7
12.5°	215.8	228.0	249.1	281.9	328.2	390.9	444.3	478.9	506.4	535.0	573.6
10°	227.0	241.2	264.3	299.6	347.8	412.6	458.4	489.2	516.7	553.1	593.3
7.5°	228.7	247.9	276.7	315.9	365.2	431.0	469.9	497.3	527.1	569.7	611.2
5°	228.7	247.3	277.7	320.2	373.5	441.8	478.0	503.3	537.2	584.4	627.1
2.5°	228.5	246.2	277.9	321.6	375.5	443.0	479.2	504.9	542.9	598.9	641.8
0°	228.1	244.5	277.3	321.7	375.8	441.5	479.2	505.5	546.5	612.1	654.8
-2.5°	228.5	246.2	277.9	321.6	375.5	443.0	479.2	504.9	542.9	598.9	641.8
-5°	228.7	247.3	277.7	320.2	373.5	441.8	478.0	503.3	537.2	584.4	627.1
-7.5°	228.7	247.9	276.7	315.9	365.2	431.0	469.9	497.3	527.1	569.7	611.2
-10°	227.0	241.2	264.3	299.6	347.8	412.6	458.4	489.2	516.7	553.1	593.3
-12.5°	215.8	228.0	249.1	281.9	328.2	390.9	444.3	478.9	506.4	535.0	573.6
-15°	204.3	214.3	233.1	262.8	306.3	365.6	427.5	466.0	493.6	512.3	549.7
-17.5°	192.4	200.3	216.4	242.3	282.0	336.8	407.6	446.1	471.8	490.8	522.8
-20°	180.2	185.9	199.0	220.3	255.9	309.8	377.9	421.9	448.2	467.9	493.7



REPORT NUMBER: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	167.4	171.1	181.8	200.2	237.3	285.7	345.2	397.6	425.2	441.7	469.6
-25°	153.9	157.4	165.9	188.2	219.3	260.3	311.5	371.4	400.3	426.1	451.9
-27.5°	139.7	143.1	156.6	175.4	200.6	235.4	281.0	333.5	382.3	412.8	435.1
-30°	125.4	134.7	146.6	162.7	185.0	214.3	251.0	301.5	360.5	395.2	420.1
-32.5°	114.6	126.2	137.1	151.4	169.9	192.8	226.7	273.5	325.4	376.3	403.1
-35°	106.0	116.8	127.5	139.4	154.4	176.8	208.5	245.8	290.7	340.9	380.9
-37.5°	97.2	107.0	117.5	127.5	140.9	164.0	189.7	222.6	260.1	299.8	343.5
-40°	88.2	96.7	106.5	116.1	131.3	151.9	175.2	200.9	232.0	263.5	297.8
-42.5°	79.1	86.7	94.9	105.6	122.7	141.1	160.3	183.2	205.3	229.5	257.9
-45°	69.7	76.6	83.1	96.8	114.0	130.6	148.4	165.7	183.1	200.5	222.3
-47.5°	60.7	66.7	72.7	87.5	104.2	120.5	136.6	150.9	163.3	178.1	191.7
-50°	52.5	57.9	65.0	78.8	93.4	109.4	124.9	136.1	147.3	158.4	170.3
-52.5°	45.5	49.7	58.5	69.9	83.1	97.2	110.9	122.1	131.9	141.3	151.9
-55°	38.8	43.4	51.7	61.7	73.0	85.6	95.9	106.6	117.2	125.8	135.1
-57.5°	32.9	38.0	45.4	53.5	63.4	73.9	82.7	90.5	99.7	109.3	119.8
-60°	27.5	32.8	39.5	46.3	53.5	62.7	70.5	77.7	84.4	91.1	101.5
-62.5°	22.4	27.7	33.6	39.7	46.0	52.6	60.3	66.8	71.7	77.7	84.6
-65°	18.1	22.6	27.7	33.2	38.8	45.0	51.3	57.8	63.5	66.5	69.8
-67.5°	13.9	17.9	22.1	26.5	31.4	36.6	42.7	48.5	54.0	56.2	58.3
-70°	10.8	13.3	16.7	20.4	23.9	27.0	31.5	36.8	42.2	45.0	46.6
-72.5°	7.9	9.9	12.0	14.4	17.1	19.4	21.7	23.8	27.3	31.2	34.1
-75°	5.8	6.5	8.1	9.9	11.6	12.8	14.0	15.8	18.0	20.4	22.7
-77.5°	4.3	4.9	5.5	6.1	6.8	8.1	9.2	10.0	11.2	12.5	13.9
-80°	3.2	3.3	3.8	4.2	4.7	5.2	5.6	6.0	6.4	7.0	7.9
-82.5°	3.1	2.9	2.8	2.8	3.0	3.2	3.4	3.7	4.0	4.3	4.5
-85°	2.7	2.5	2.1	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
-87.5°	1.3	1.2	1.1	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
-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: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6
85°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
82.5°	4.8	5.0	5.3	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.4
80°	8.8	9.5	10.0	10.4	10.7	11.9	13.3	14.8	16.4	17.0	17.4
77.5°	15.7	16.8	17.5	18.1	18.4	21.0	24.3	27.8	31.3	33.1	34.6
75°	24.9	26.3	27.2	27.8	28.2	32.1	37.9	44.1	50.4	53.7	56.0
72.5°	36.1	37.2	38.1	38.9	39.3	45.1	55.6	67.1	79.2	86.6	92.0
70°	48.0	49.3	50.4	51.3	51.9	58.9	74.1	90.1	106.6	123.1	140.6
67.5°	60.7	63.4	64.9	65.7	66.6	72.5	88.7	103.7	117.6	147.4	194.4
65°	74.5	80.8	83.5	85.0	85.6	88.3	102.2	114.7	126.0	149.2	185.0
62.5°	92.2	100.5	104.3	106.0	107.0	107.2	118.6	129.1	138.7	153.2	176.0
60°	111.2	120.2	124.9	126.2	127.1	127.4	136.5	146.9	156.5	168.3	189.6
57.5°	128.6	137.0	144.1	146.8	149.0	150.6	158.5	170.7	182.1	194.0	216.8
55°	145.3	155.5	165.2	170.6	175.6	180.0	187.8	203.2	217.9	231.7	255.4
52.5°	163.4	176.5	189.4	199.1	208.7	217.0	225.5	245.4	265.0	283.4	306.5
50°	185.0	201.2	220.1	236.0	249.6	263.1	275.2	298.8	325.4	350.6	374.8
47.5°	212.4	233.7	257.9	280.6	299.1	320.0	338.9	363.2	386.6	410.1	430.2
45°	246.0	275.6	303.5	333.6	360.1	373.8	384.8	399.9	424.0	447.0	465.8
42.5°	289.1	323.5	357.8	380.2	397.2	408.4	416.4	424.3	449.6	471.9	490.0
40°	337.0	371.6	392.7	411.1	422.9	432.9	445.4	457.7	477.6	500.3	520.5
37.5°	378.6	400.7	419.3	433.7	448.0	461.3	479.3	497.0	515.9	541.4	560.2
35°	404.1	423.6	442.5	460.5	478.8	499.2	521.7	547.8	570.9	549.9	519.5
32.5°	423.6	443.6	466.4	494.3	519.4	547.3	575.6	530.2	483.7	465.5	469.3
30°	440.6	463.8	495.2	531.6	566.6	554.1	492.1	470.4	476.8	489.6	514.1
27.5°	458.9	487.8	525.9	570.8	543.3	474.7	478.3	490.8	533.3	569.4	624.1
25°	480.3	515.3	562.7	542.0	479.1	485.6	517.4	565.4	646.3	721.9	787.9
22.5°	506.3	550.8	557.0	479.2	487.7	529.3	593.9	697.8	796.1	887.4	955.5
20°	532.7	584.0	505.0	488.5	525.0	599.4	719.2	838.5	948.3	1029.9	1098.1
17.5°	564.2	546.0	490.1	507.7	581.6	709.8	844.7	971.2	1074.7	1215.8	1336.0
15°	591.8	509.5	499.2	557.0	668.1	812.4	959.0	1072.5	1259.6	1461.8	1666.3
12.5°	576.0	496.6	515.2	600.8	746.9	902.9	1032.5	1212.3	1459.8	1755.1	2198.9
10°	552.5	503.9	549.4	661.5	814.4	966.3	1101.0	1336.6	1663.2	2205.7	2904.6
7.5°	534.3	507.0	572.1	708.1	864.5	1004.6	1184.1	1469.9	1925.2	2669.4	4157.3
5°	520.6	506.9	582.5	735.0	894.3	1031.1	1235.4	1566.9	2181.8	3242.1	5784.7
2.5°	514.5	504.3	585.4	749.5	908.8	1045.8	1267.3	1636.5	2343.8	3774.2	7606.6
0°	518.6	498.9	584.2	754.9	917.4	1043.7	1271.9	1657.5	2392.7	3970.7	7851.1
-2.5°	514.5	504.3	585.4	749.5	908.8	1045.8	1267.3	1636.5	2343.8	3774.2	7606.6
-5°	520.6	506.9	582.5	735.0	894.3	1031.1	1235.4	1566.9	2181.8	3242.1	5784.7
-7.5°	534.3	507.0	572.1	708.1	864.5	1004.6	1184.1	1469.9	1925.2	2669.4	4157.3
-10°	552.5	503.9	549.4	661.5	814.4	966.3	1101.0	1336.6	1663.2	2205.7	2904.6
-12.5°	576.0	496.6	515.2	600.8	746.9	902.9	1032.5	1212.3	1459.8	1755.1	2198.9
-15°	591.8	509.5	499.2	557.0	668.1	812.4	959.0	1072.5	1259.6	1461.8	1666.3
-17.5°	564.2	546.0	490.1	507.7	581.6	709.8	844.7	971.2	1074.7	1215.8	1336.0
-20°	532.7	584.0	505.0	488.5	525.0	599.4	719.2	838.5	948.3	1029.9	1098.1



REPORT NUMBER: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	506.3	550.8	557.0	479.2	487.7	529.3	593.9	697.8	796.1	887.4	955.5
-25°	480.3	515.3	562.7	542.0	479.1	485.6	517.4	565.4	646.3	721.9	787.9
-27.5°	458.9	487.8	525.9	570.8	543.3	474.7	478.3	490.8	533.3	569.4	624.1
-30°	440.6	463.8	495.2	531.6	566.6	554.1	492.1	470.4	476.8	489.6	514.1
-32.5°	423.6	443.6	466.4	494.3	519.4	547.3	575.6	530.2	483.7	465.5	469.3
-35°	404.1	423.6	442.5	460.5	478.8	499.2	521.7	547.8	570.9	549.9	519.5
-37.5°	378.6	400.7	419.3	433.7	448.0	461.3	479.3	497.0	515.9	541.4	560.2
-40°	337.0	371.6	392.7	411.1	422.9	432.9	445.4	457.7	477.6	500.3	520.5
-42.5°	289.1	323.5	357.8	380.2	397.2	408.4	416.4	424.3	449.6	471.9	490.0
-45°	246.0	275.6	303.5	333.6	360.1	373.8	384.8	399.9	424.0	447.0	465.8
-47.5°	212.4	233.7	257.9	280.6	299.1	320.0	338.9	363.2	386.6	410.1	430.2
-50°	185.0	201.2	220.1	236.0	249.6	263.1	275.2	298.8	325.4	350.6	374.8
-52.5°	163.4	176.5	189.4	199.1	208.7	217.0	225.5	245.4	265.0	283.4	306.5
-55°	145.3	155.5	165.2	170.6	175.6	180.0	187.8	203.2	217.9	231.7	255.4
-57.5°	128.6	137.0	144.1	146.8	149.0	150.6	158.5	170.7	182.1	194.0	216.8
-60°	111.2	120.2	124.9	126.2	127.1	127.4	136.5	146.9	156.5	168.3	189.6
-62.5°	92.2	100.5	104.3	106.0	107.0	107.2	118.6	129.1	138.7	153.2	176.0
-65°	74.5	80.8	83.5	85.0	85.6	88.3	102.2	114.7	126.0	149.2	185.0
-67.5°	60.7	63.4	64.9	65.7	66.6	72.5	88.7	103.7	117.6	147.4	194.4
-70°	48.0	49.3	50.4	51.3	51.9	58.9	74.1	90.1	106.6	123.1	140.6
-72.5°	36.1	37.2	38.1	38.9	39.3	45.1	55.6	67.1	79.2	86.6	92.0
-75°	24.9	26.3	27.2	27.8	28.2	32.1	37.9	44.1	50.4	53.7	56.0
-77.5°	15.7	16.8	17.5	18.1	18.4	21.0	24.3	27.8	31.3	33.1	34.6
-80°	8.8	9.5	10.0	10.4	10.7	11.9	13.3	14.8	16.4	17.0	17.4
-82.5°	4.8	5.0	5.3	5.5	5.7	5.8	6.0	6.1	6.3	6.4	6.4
-85°	2.7	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
-87.5°	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.5	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: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
82.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	6.3	6.1
80°	17.7	17.9	17.2	16.4	17.2	17.9	17.7	17.4	17.0	16.4	14.8
77.5°	36.0	37.3	36.0	34.5	36.0	37.3	36.0	34.6	33.1	31.3	27.8
75°	58.2	60.1	59.0	57.4	59.0	60.1	58.2	56.0	53.7	50.4	44.1
72.5°	97.2	101.9	100.8	98.5	100.8	101.9	97.2	92.0	86.6	79.2	67.1
70°	159.1	177.8	177.0	172.3	177.0	177.8	159.1	140.6	123.1	106.6	90.1
67.5°	245.2	298.2	315.0	323.3	315.0	298.2	245.2	194.4	147.4	117.6	103.7
65°	218.4	250.4	263.0	272.4	263.0	250.4	218.4	185.0	149.2	126.0	114.7
62.5°	196.4	215.4	219.5	219.9	219.5	215.4	196.4	176.0	153.2	138.7	129.1
60°	210.2	230.3	233.4	229.8	233.4	230.3	210.2	189.6	168.3	156.5	146.9
57.5°	238.8	259.9	263.7	259.3	263.7	259.9	238.8	216.8	194.0	182.1	170.7
55°	278.2	299.5	306.6	305.2	306.6	299.5	278.2	255.4	231.7	217.9	203.2
52.5°	328.6	348.3	356.3	356.1	356.3	348.3	328.6	306.5	283.4	265.0	245.4
50°	395.9	413.5	422.2	423.4	422.2	413.5	395.9	374.8	350.6	325.4	298.8
47.5°	444.4	456.0	462.0	462.8	462.0	456.0	444.4	430.2	410.1	386.6	363.2
45°	474.1	480.4	485.0	489.0	485.0	480.4	474.1	465.8	447.0	424.0	399.9
42.5°	502.2	515.1	524.7	526.8	524.7	515.1	502.2	490.0	471.9	449.6	424.3
40°	539.6	557.5	574.5	592.4	574.5	557.5	539.6	520.5	500.3	477.6	457.7
37.5°	579.7	599.5	616.0	625.3	616.0	599.5	579.7	560.2	541.4	515.9	497.0
35°	498.1	485.1	477.3	474.3	477.3	485.1	498.1	519.5	549.9	570.9	547.8
32.5°	471.4	472.4	470.8	467.7	470.8	472.4	471.4	469.3	465.5	483.7	530.2
30°	532.3	541.0	542.0	541.6	542.0	541.0	532.3	514.1	489.6	476.8	470.4
27.5°	664.6	686.7	693.6	707.3	693.6	686.7	664.6	624.1	569.4	533.3	490.8
25°	839.0	872.4	888.5	894.4	888.5	872.4	839.0	787.9	721.9	646.3	565.4
22.5°	994.0	1019.5	1034.5	1047.0	1034.5	1019.5	994.0	955.5	887.4	796.1	697.8
20°	1177.6	1224.3	1245.7	1247.2	1245.7	1224.3	1177.6	1098.1	1029.9	948.3	838.5
17.5°	1464.3	1555.2	1600.4	1613.2	1600.4	1555.2	1464.3	1336.0	1215.8	1074.7	971.2
15°	1916.7	2148.4	2267.5	2323.8	2267.5	2148.4	1916.7	1666.3	1461.8	1259.6	1072.5
12.5°	2654.6	3176.9	3599.2	3758.1	3599.2	3176.9	2654.6	2198.9	1755.1	1459.8	1212.3
10°	4116.7	5676.3	7498.3	8348.3	7498.3	5676.3	4116.7	2904.6	2205.7	1663.2	1336.6
7.5°	7964.2	18491.3	35839.3	44114.6	35839.3	18491.3	7964.2	4157.3	2669.4	1925.2	1469.9
5°	16975.8	73262.3	131203.5	154109.8	131203.5	73262.3	16975.8	5784.7	3242.1	2181.8	1566.9
2.5°	27038.8	120159.7	226722.0	265104.4	226722.0	120159.7	27038.8	7606.6	3774.2	2343.8	1636.5
0°	32306.0	126626.1	250182.6	288480.3	250182.6	126626.1	32306.0	7851.1	3970.7	2392.7	1657.5
-2.5°	27038.8	120159.7	226722.0	265104.3	226722.0	120159.7	27038.8	7606.6	3774.2	2343.8	1636.5
-5°	16975.8	73262.3	131203.5	154109.8	131203.5	73262.3	16975.8	5784.7	3242.1	2181.8	1566.9
-7.5°	7964.2	18491.3	35839.3	44114.6	35839.3	18491.3	7964.2	4157.3	2669.4	1925.2	1469.9
-10°	4116.7	5676.3	7498.3	8348.3	7498.3	5676.3	4116.7	2904.6	2205.7	1663.2	1336.6
-12.5°	2654.6	3176.9	3599.2	3758.1	3599.2	3176.9	2654.6	2198.9	1755.1	1459.8	1212.3
-15°	1916.7	2148.4	2267.5	2323.8	2267.5	2148.4	1916.7	1666.3	1461.8	1259.6	1072.5
-17.5°	1464.3	1555.2	1600.4	1613.2	1600.4	1555.2	1464.3	1336.0	1215.8	1074.7	971.2
-20°	1177.6	1224.3	1245.7	1247.2	1245.7	1224.3	1177.6	1098.1	1029.9	948.3	838.5



REPORT NUMBER: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	994.0	1019.5	1034.5	1047.0	1034.5	1019.5	994.0	955.5	887.4	796.1	697.8
-25°	839.0	872.4	888.5	894.4	888.5	872.4	839.0	787.9	721.9	646.3	565.4
-27.5°	664.6	686.7	693.6	707.3	693.6	686.7	664.6	624.1	569.4	533.3	490.8
-30°	532.3	541.0	542.0	541.6	542.0	541.0	532.3	514.1	489.6	476.8	470.4
-32.5°	471.4	472.4	470.8	467.7	470.8	472.4	471.4	469.3	465.5	483.7	530.2
-35°	498.1	485.1	477.3	474.3	477.3	485.1	498.1	519.5	549.9	570.9	547.8
-37.5°	579.7	599.5	616.0	625.3	616.0	599.5	579.7	560.2	541.4	515.9	497.0
-40°	539.6	557.5	574.5	592.4	574.5	557.5	539.6	520.5	500.3	477.6	457.7
-42.5°	502.2	515.1	524.7	526.8	524.7	515.1	502.2	490.0	471.9	449.6	424.3
-45°	474.1	480.4	485.0	489.0	485.0	480.4	474.1	465.8	447.0	424.0	399.9
-47.5°	444.4	456.0	462.0	462.8	462.0	456.0	444.4	430.2	410.1	386.6	363.2
-50°	395.9	413.5	422.2	423.4	422.2	413.5	395.9	374.8	350.6	325.4	298.8
-52.5°	328.6	348.3	356.3	356.1	356.3	348.3	328.6	306.5	283.4	265.0	245.4
-55°	278.2	299.5	306.6	305.2	306.6	299.5	278.2	255.4	231.7	217.9	203.2
-57.5°	238.8	259.9	263.7	259.3	263.7	259.9	238.8	216.8	194.0	182.1	170.7
-60°	210.2	230.3	233.4	229.8	233.4	230.3	210.2	189.6	168.3	156.5	146.9
-62.5°	196.4	215.4	219.5	219.9	219.5	215.4	196.4	176.0	153.2	138.7	129.1
-65°	218.4	250.4	263.0	272.4	263.0	250.4	218.4	185.0	149.2	126.0	114.7
-67.5°	245.2	298.2	315.0	323.3	315.0	298.2	245.2	194.4	147.4	117.6	103.7
-70°	159.1	177.8	177.0	172.3	177.0	177.8	159.1	140.6	123.1	106.6	90.1
-72.5°	97.2	101.9	100.8	98.5	100.8	101.9	97.2	92.0	86.6	79.2	67.1
-75°	58.2	60.1	59.0	57.4	59.0	60.1	58.2	56.0	53.7	50.4	44.1
-77.5°	36.0	37.3	36.0	34.5	36.0	37.3	36.0	34.6	33.1	31.3	27.8
-80°	17.7	17.9	17.2	16.4	17.2	17.9	17.7	17.4	17.0	16.4	14.8
-82.5°	6.5	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	6.3	6.1
-85°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
-87.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
85°	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3
82.5°	6.0	5.8	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7
80°	13.3	11.9	10.7	10.4	10.0	9.5	8.8	7.9	7.0	6.4	6.0
77.5°	24.3	21.0	18.4	18.1	17.5	16.8	15.7	13.9	12.5	11.2	10.0
75°	37.9	32.1	28.2	27.8	27.2	26.3	24.9	22.7	20.4	18.0	15.8
72.5°	55.6	45.1	39.3	38.9	38.1	37.2	36.1	34.1	31.2	27.3	23.8
70°	74.1	58.9	51.9	51.3	50.4	49.3	48.0	46.6	45.0	42.2	36.8
67.5°	88.7	72.5	66.6	65.7	64.9	63.4	60.7	58.3	56.2	54.0	48.5
65°	102.2	88.3	85.6	85.0	83.5	80.8	74.5	69.8	66.5	63.5	57.8
62.5°	118.6	107.2	107.0	106.0	104.3	100.5	92.2	84.6	77.7	71.7	66.8
60°	136.5	127.4	127.1	126.2	124.9	120.2	111.2	101.5	91.1	84.4	77.7
57.5°	158.5	150.6	149.0	146.8	144.1	137.0	128.6	119.8	109.3	99.7	90.5
55°	187.8	180.0	175.6	170.6	165.2	155.5	145.3	135.1	125.8	117.2	106.6
52.5°	225.5	217.0	208.7	199.1	189.4	176.5	163.4	151.9	141.3	131.9	122.1
50°	275.2	263.1	249.6	236.0	220.1	201.2	185.0	170.3	158.4	147.3	136.1
47.5°	338.9	320.0	299.1	280.6	257.9	233.7	212.4	191.7	178.1	163.3	150.9
45°	384.8	373.8	360.1	333.6	303.5	275.6	246.0	222.3	200.5	183.1	165.7
42.5°	416.4	408.4	397.2	380.2	357.8	323.5	289.1	257.9	229.5	205.3	183.2
40°	445.4	432.9	422.9	411.1	392.7	371.6	337.0	297.8	263.5	232.0	200.9
37.5°	479.3	461.3	448.0	433.7	419.3	400.7	378.6	343.5	299.8	260.1	222.6
35°	521.7	499.2	478.8	460.5	442.5	423.6	404.1	380.9	340.9	290.7	245.8
32.5°	575.6	547.3	519.4	494.3	466.4	443.6	423.6	403.1	376.3	325.4	273.5
30°	492.1	554.1	566.6	531.6	495.2	463.8	440.6	420.1	395.2	360.5	301.5
27.5°	478.3	474.7	543.3	570.8	525.9	487.8	458.9	435.1	412.8	382.3	333.5
25°	517.4	485.6	479.1	542.0	562.7	515.3	480.3	451.9	426.1	400.3	371.4
22.5°	593.9	529.3	487.7	479.2	557.0	550.8	506.3	469.6	441.7	425.2	397.6
20°	719.2	599.4	525.0	488.5	505.0	584.0	532.7	493.7	467.9	448.2	421.9
17.5°	844.7	709.8	581.6	507.7	490.1	546.0	564.2	522.8	490.8	471.8	446.1
15°	959.0	812.4	668.1	557.0	499.2	509.5	591.8	549.7	512.3	493.6	466.0
12.5°	1032.5	902.9	746.9	600.8	515.2	496.6	576.0	573.6	535.0	506.4	478.9
10°	1101.0	966.3	814.4	661.5	549.4	503.9	552.5	593.3	553.1	516.7	489.2
7.5°	1184.1	1004.6	864.5	708.1	572.1	507.0	534.3	611.2	569.7	527.1	497.3
5°	1235.4	1031.1	894.3	735.0	582.5	506.9	520.6	627.1	584.4	537.2	503.3
2.5°	1267.3	1045.8	908.8	749.5	585.4	504.3	514.5	641.8	598.9	542.9	504.9
0°	1271.9	1043.7	917.4	754.9	584.2	498.9	518.6	654.8	612.1	546.5	505.5
-2.5°	1267.3	1045.8	908.8	749.5	585.4	504.3	514.5	641.8	598.9	542.9	504.9
-5°	1235.4	1031.1	894.3	735.0	582.5	506.9	520.6	627.1	584.4	537.2	503.3
-7.5°	1184.1	1004.6	864.5	708.1	572.1	507.0	534.3	611.2	569.7	527.1	497.3
-10°	1101.0	966.3	814.4	661.5	549.4	503.9	552.5	593.3	553.1	516.7	489.2
-12.5°	1032.5	902.9	746.9	600.8	515.2	496.6	576.0	573.6	535.0	506.4	478.9
-15°	959.0	812.4	668.1	557.0	499.2	509.5	591.8	549.7	512.3	493.6	466.0
-17.5°	844.7	709.8	581.6	507.7	490.1	546.0	564.2	522.8	490.8	471.8	446.1
-20°	719.2	599.4	525.0	488.5	505.0	584.0	532.7	493.7	467.9	448.2	421.9





REPORT NUMBER: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	593.9	529.3	487.7	479.2	557.0	550.8	506.3	469.6	441.7	425.2	397.6
-25°	517.4	485.6	479.1	542.0	562.7	515.3	480.3	451.9	426.1	400.3	371.4
-27.5°	478.3	474.7	543.3	570.8	525.9	487.8	458.9	435.1	412.8	382.3	333.5
-30°	492.1	554.1	566.6	531.6	495.2	463.8	440.6	420.1	395.2	360.5	301.5
-32.5°	575.6	547.3	519.4	494.3	466.4	443.6	423.6	403.1	376.3	325.4	273.5
-35°	521.7	499.2	478.8	460.5	442.5	423.6	404.1	380.9	340.9	290.7	245.8
-37.5°	479.3	461.3	448.0	433.7	419.3	400.7	378.6	343.5	299.8	260.1	222.6
-40°	445.4	432.9	422.9	411.1	392.7	371.6	337.0	297.8	263.5	232.0	200.9
-42.5°	416.4	408.4	397.2	380.2	357.8	323.5	289.1	257.9	229.5	205.3	183.2
-45°	384.8	373.8	360.1	333.6	303.5	275.6	246.0	222.3	200.5	183.1	165.7
-47.5°	338.9	320.0	299.1	280.6	257.9	233.7	212.4	191.7	178.1	163.3	150.9
-50°	275.2	263.1	249.6	236.0	220.1	201.2	185.0	170.3	158.4	147.3	136.1
-52.5°	225.5	217.0	208.7	199.1	189.4	176.5	163.4	151.9	141.3	131.9	122.1
-55°	187.8	180.0	175.6	170.6	165.2	155.5	145.3	135.1	125.8	117.2	106.6
-57.5°	158.5	150.6	149.0	146.8	144.1	137.0	128.6	119.8	109.3	99.7	90.5
-60°	136.5	127.4	127.1	126.2	124.9	120.2	111.2	101.5	91.1	84.4	77.7
-62.5°	118.6	107.2	107.0	106.0	104.3	100.5	92.2	84.6	77.7	71.7	66.8
-65°	102.2	88.3	85.6	85.0	83.5	80.8	74.5	69.8	66.5	63.5	57.8
-67.5°	88.7	72.5	66.6	65.7	64.9	63.4	60.7	58.3	56.2	54.0	48.5
-70°	74.1	58.9	51.9	51.3	50.4	49.3	48.0	46.6	45.0	42.2	36.8
-72.5°	55.6	45.1	39.3	38.9	38.1	37.2	36.1	34.1	31.2	27.3	23.8
-75°	37.9	32.1	28.2	27.8	27.2	26.3	24.9	22.7	20.4	18.0	15.8
-77.5°	24.3	21.0	18.4	18.1	17.5	16.8	15.7	13.9	12.5	11.2	10.0
-80°	13.3	11.9	10.7	10.4	10.0	9.5	8.8	7.9	7.0	6.4	6.0
-82.5°	6.0	5.8	5.7	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.7
-85°	3.1	3.0	3.0	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.3
-87.5°	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
-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: P558865 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-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°	1.1	1.0	1.0	0.9	1.1	1.2	1.3	1.4	1.3	1.1	1.0
85°	2.2	2.1	2.0	1.9	2.1	2.5	2.7	2.8	2.5	2.3	2.0
82.5°	3.4	3.2	3.0	2.8	2.8	2.9	3.1	3.3	3.3	3.3	3.0
80°	5.6	5.2	4.7	4.2	3.8	3.3	3.2	3.3	3.3	3.3	3.3
77.5°	9.2	8.1	6.8	6.1	5.5	4.9	4.3	3.6	3.3	3.3	3.3
75°	14.0	12.8	11.6	9.9	8.1	6.5	5.8	5.1	4.3	3.4	3.3
72.5°	21.7	19.4	17.1	14.4	12.0	9.9	7.9	6.5	5.8	4.8	3.6
70°	31.5	27.0	23.9	20.4	16.7	13.3	10.8	9.0	7.3	6.2	5.0
67.5°	42.7	36.6	31.4	26.5	22.1	17.9	13.9	11.8	9.9	7.7	6.3
65°	51.3	45.0	38.8	33.2	27.7	22.6	18.1	15.0	12.6	10.2	7.7
62.5°	60.3	52.6	46.0	39.7	33.6	27.7	22.4	19.3	15.5	12.6	9.7
60°	70.5	62.7	53.5	46.3	39.5	32.8	27.5	23.6	19.6	15.1	11.9
57.5°	82.7	73.9	63.4	53.5	45.4	38.0	32.9	28.6	23.8	18.7	14.2
55°	95.9	85.6	73.0	61.7	51.7	43.4	38.8	33.9	28.1	22.5	16.6
52.5°	110.9	97.2	83.1	69.9	58.5	49.7	45.5	39.4	33.2	26.3	20.3
50°	124.9	109.4	93.4	78.8	65.0	57.9	52.5	46.0	38.4	30.4	24.2
47.5°	136.6	120.5	104.2	87.5	72.7	66.7	60.7	52.9	43.6	35.2	28.3
45°	148.4	130.6	114.0	96.8	83.1	76.6	69.7	60.1	50.1	40.8	32.5
42.5°	160.3	141.1	122.7	105.6	94.9	86.7	79.1	68.5	56.8	46.7	37.3
40°	175.2	151.9	131.3	116.1	106.5	96.7	88.2	77.5	63.8	53.2	42.6
37.5°	189.7	164.0	140.9	127.5	117.5	107.0	97.2	86.7	72.6	60.5	48.0
35°	208.5	176.8	154.4	139.4	127.5	116.8	106.0	95.7	82.7	67.9	53.5
32.5°	226.7	192.8	169.9	151.4	137.1	126.2	114.6	106.9	93.3	75.4	59.1
30°	251.0	214.3	185.0	162.7	146.6	134.7	125.4	119.7	104.2	83.0	64.9
27.5°	281.0	235.4	200.6	175.4	156.6	143.1	139.7	133.7	115.4	91.1	71.1
25°	311.5	260.3	219.3	188.2	165.9	157.4	153.9	148.8	127.0	100.3	77.2
22.5°	345.2	285.7	237.3	200.2	181.8	171.1	167.4	161.6	139.3	109.5	83.2
20°	377.9	309.8	255.9	220.3	199.0	185.9	180.2	174.2	152.1	118.7	89.1
17.5°	407.6	336.8	282.0	242.3	216.4	200.3	192.4	186.5	165.3	127.7	94.8
15°	427.5	365.6	306.3	262.8	233.1	214.3	204.3	198.7	178.6	136.4	98.9
12.5°	444.3	390.9	328.2	281.9	249.1	228.0	215.8	210.5	191.9	142.1	101.0
10°	458.4	412.6	347.8	299.6	264.3	241.2	227.0	218.9	197.0	145.0	102.9
7.5°	469.9	431.0	365.2	315.9	276.7	247.9	228.7	220.4	200.1	147.1	104.4
5°	478.0	441.8	373.5	320.2	277.7	247.3	228.7	221.7	202.2	148.5	105.7
2.5°	479.2	443.0	375.5	321.6	277.9	246.2	228.5	222.6	203.3	149.3	106.4
0°	479.2	441.5	375.8	321.7	277.3	244.5	228.1	223.2	203.5	149.3	106.7
-2.5°	479.2	443.0	375.5	321.6	277.9	246.2	228.5	222.6	203.3	149.3	106.4
-5°	478.0	441.8	373.5	320.2	277.7	247.3	228.7	221.7	202.2	148.5	105.7
-7.5°	469.9	431.0	365.2	315.9	276.7	247.9	228.7	220.4	200.1	147.1	104.4
-10°	458.4	412.6	347.8	299.6	264.3	241.2	227.0	218.9	197.0	145.0	102.9
-12.5°	444.3	390.9	328.2	281.9	249.1	228.0	215.8	210.5	191.9	142.1	101.0
-15°	427.5	365.6	306.3	262.8	233.1	214.3	204.3	198.7	178.6	136.4	98.9
-17.5°	407.6	336.8	282.0	242.3	216.4	200.3	192.4	186.5	165.3	127.7	94.8
-20°	377.9	309.8	255.9	220.3	199.0	185.9	180.2	174.2	152.1	118.7	89.1



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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°	345.2	285.7	237.3	200.2	181.8	171.1	167.4	161.6	139.3	109.5	83.2
-25°	311.5	260.3	219.3	188.2	165.9	157.4	153.9	148.8	127.0	100.3	77.2
-27.5°	281.0	235.4	200.6	175.4	156.6	143.1	139.7	133.7	115.4	91.1	71.1
-30°	251.0	214.3	185.0	162.7	146.6	134.7	125.4	119.7	104.2	83.0	64.9
-32.5°	226.7	192.8	169.9	151.4	137.1	126.2	114.6	106.9	93.3	75.4	59.1
-35°	208.5	176.8	154.4	139.4	127.5	116.8	106.0	95.7	82.7	67.9	53.5
-37.5°	189.7	164.0	140.9	127.5	117.5	107.0	97.2	86.7	72.6	60.5	48.0
-40°	175.2	151.9	131.3	116.1	106.5	96.7	88.2	77.5	63.8	53.2	42.6
-42.5°	160.3	141.1	122.7	105.6	94.9	86.7	79.1	68.5	56.8	46.7	37.3
-45°	148.4	130.6	114.0	96.8	83.1	76.6	69.7	60.1	50.1	40.8	32.5
-47.5°	136.6	120.5	104.2	87.5	72.7	66.7	60.7	52.9	43.6	35.2	28.3
-50°	124.9	109.4	93.4	78.8	65.0	57.9	52.5	46.0	38.4	30.4	24.2
-52.5°	110.9	97.2	83.1	69.9	58.5	49.7	45.5	39.4	33.2	26.3	20.3
-55°	95.9	85.6	73.0	61.7	51.7	43.4	38.8	33.9	28.1	22.5	16.6
-57.5°	82.7	73.9	63.4	53.5	45.4	38.0	32.9	28.6	23.8	18.7	14.2
-60°	70.5	62.7	53.5	46.3	39.5	32.8	27.5	23.6	19.6	15.1	11.9
-62.5°	60.3	52.6	46.0	39.7	33.6	27.7	22.4	19.3	15.5	12.6	9.7
-65°	51.3	45.0	38.8	33.2	27.7	22.6	18.1	15.0	12.6	10.2	7.7
-67.5°	42.7	36.6	31.4	26.5	22.1	17.9	13.9	11.8	9.9	7.7	6.3
-70°	31.5	27.0	23.9	20.4	16.7	13.3	10.8	9.0	7.3	6.2	5.0
-72.5°	21.7	19.4	17.1	14.4	12.0	9.9	7.9	6.5	5.8	4.8	3.6
-75°	14.0	12.8	11.6	9.9	8.1	6.5	5.8	5.1	4.3	3.4	3.3
-77.5°	9.2	8.1	6.8	6.1	5.5	4.9	4.3	3.6	3.3	3.3	3.3
-80°	5.6	5.2	4.7	4.2	3.8	3.3	3.2	3.3	3.3	3.3	3.3
-82.5°	3.4	3.2	3.0	2.8	2.8	2.9	3.1	3.3	3.3	3.3	3.0
-85°	2.2	2.1	2.0	1.9	2.1	2.5	2.7	2.8	2.5	2.3	2.0
-87.5°	1.1	1.0	1.0	0.9	1.1	1.2	1.3	1.4	1.3	1.1	1.0
-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
65°	5.9	3.8	3.3	3.3	2.8	1.4	0.0
62.5°	7.1	4.9	3.3	3.3	3.0	1.5	0.0
60°	8.4	6.0	3.3	3.3	3.3	1.6	0.0
57.5°	10.5	7.1	4.1	3.3	3.3	1.8	0.0
55°	12.7	8.1	5.0	3.3	3.3	1.9	0.0
52.5°	15.1	9.3	5.9	3.3	3.4	2.0	0.0
50°	17.4	11.4	6.7	3.3	3.4	2.1	0.0
47.5°	20.0	13.5	7.5	3.5	3.4	2.2	0.0
45°	23.7	15.5	8.4	4.1	3.5	2.3	0.0
42.5°	27.4	17.6	9.2	4.7	3.5	2.4	0.0
40°	31.2	19.7	10.4	5.2	3.6	2.5	0.0
37.5°	35.0	21.8	12.0	5.8	3.7	2.6	0.0
35°	38.8	24.5	13.5	6.3	3.7	2.7	0.0
32.5°	42.9	27.5	15.1	6.7	3.8	2.8	0.0
30°	47.3	30.5	16.6	7.1	3.9	2.9	0.0
27.5°	51.8	33.4	17.6	7.4	4.0	2.9	0.0
25°	56.1	36.2	18.3	7.7	4.0	3.0	0.0
22.5°	60.4	38.4	18.9	7.9	4.1	3.0	0.0
20°	64.6	39.2	19.4	8.1	4.2	3.1	0.0
17.5°	66.8	39.7	19.6	8.3	4.3	3.1	0.0
15°	67.6	40.0	19.8	8.4	4.4	3.2	0.0
12.5°	68.0	39.9	19.8	8.4	4.5	3.2	0.0
10°	68.2	39.6	19.7	8.4	4.6	3.2	0.0
7.5°	68.1	39.1	19.4	8.4	4.7	3.3	0.0
5°	67.6	38.3	19.1	8.4	4.7	3.3	0.0
2.5°	66.8	37.3	18.6	8.3	4.8	3.3	0.0
0°	65.6	36.1	18.1	8.2	4.9	3.3	0.0
-2.5°	66.8	37.3	18.6	8.3	4.8	3.3	0.0
-5°	67.6	38.3	19.1	8.4	4.7	3.3	0.0
-7.5°	68.1	39.1	19.4	8.4	4.7	3.3	0.0
-10°	68.2	39.6	19.7	8.4	4.6	3.2	0.0
-12.5°	68.0	39.9	19.8	8.4	4.5	3.2	0.0
-15°	67.6	40.0	19.8	8.4	4.4	3.2	0.0
-17.5°	66.8	39.7	19.6	8.3	4.3	3.1	0.0
-20°	64.6	39.2	19.4	8.1	4.2	3.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.4	38.4	18.9	7.9	4.1	3.0	0.0
-25°	56.1	36.2	18.3	7.7	4.0	3.0	0.0
-27.5°	51.8	33.4	17.6	7.4	4.0	2.9	0.0
-30°	47.3	30.5	16.6	7.1	3.9	2.9	0.0
-32.5°	42.9	27.5	15.1	6.7	3.8	2.8	0.0
-35°	38.8	24.5	13.5	6.3	3.7	2.7	0.0
-37.5°	35.0	21.8	12.0	5.8	3.7	2.6	0.0
-40°	31.2	19.7	10.4	5.2	3.6	2.5	0.0
-42.5°	27.4	17.6	9.2	4.7	3.5	2.4	0.0
-45°	23.7	15.5	8.4	4.1	3.5	2.3	0.0
-47.5°	20.0	13.5	7.5	3.5	3.4	2.2	0.0
-50°	17.4	11.4	6.7	3.3	3.4	2.1	0.0
-52.5°	15.1	9.3	5.9	3.3	3.4	2.0	0.0
-55°	12.7	8.1	5.0	3.3	3.3	1.9	0.0
-57.5°	10.5	7.1	4.1	3.3	3.3	1.8	0.0
-60°	8.4	6.0	3.3	3.3	3.3	1.6	0.0
-62.5°	7.1	4.9	3.3	3.3	3.0	1.5	0.0
-65°	5.9	3.8	3.3	3.3	2.8	1.4	0.0
-67.5°	4.7	3.3	3.3	3.3	2.5	1.3	0.0
-70°	3.5	3.3	3.3	3.3	2.3	1.1	0.0
-72.5°	3.3	3.3	3.3	3.0	2.0	1.0	0.0
-75°	3.3	3.3	3.3	2.6	1.7	0.9	0.0
-77.5°	3.3	3.3	2.8	2.1	1.4	0.7	0.0
-80°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
-82.5°	2.6	2.1	1.7	1.3	0.9	0.4	0.0
-85°	1.7	1.4	1.1	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)