

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: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558705 (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-SA2D-935-U-TSB-XX  
Description: GALLEON FLOOD, TWO LIGHT SQUARE, TIGHT SPOT BAFFLE N1  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

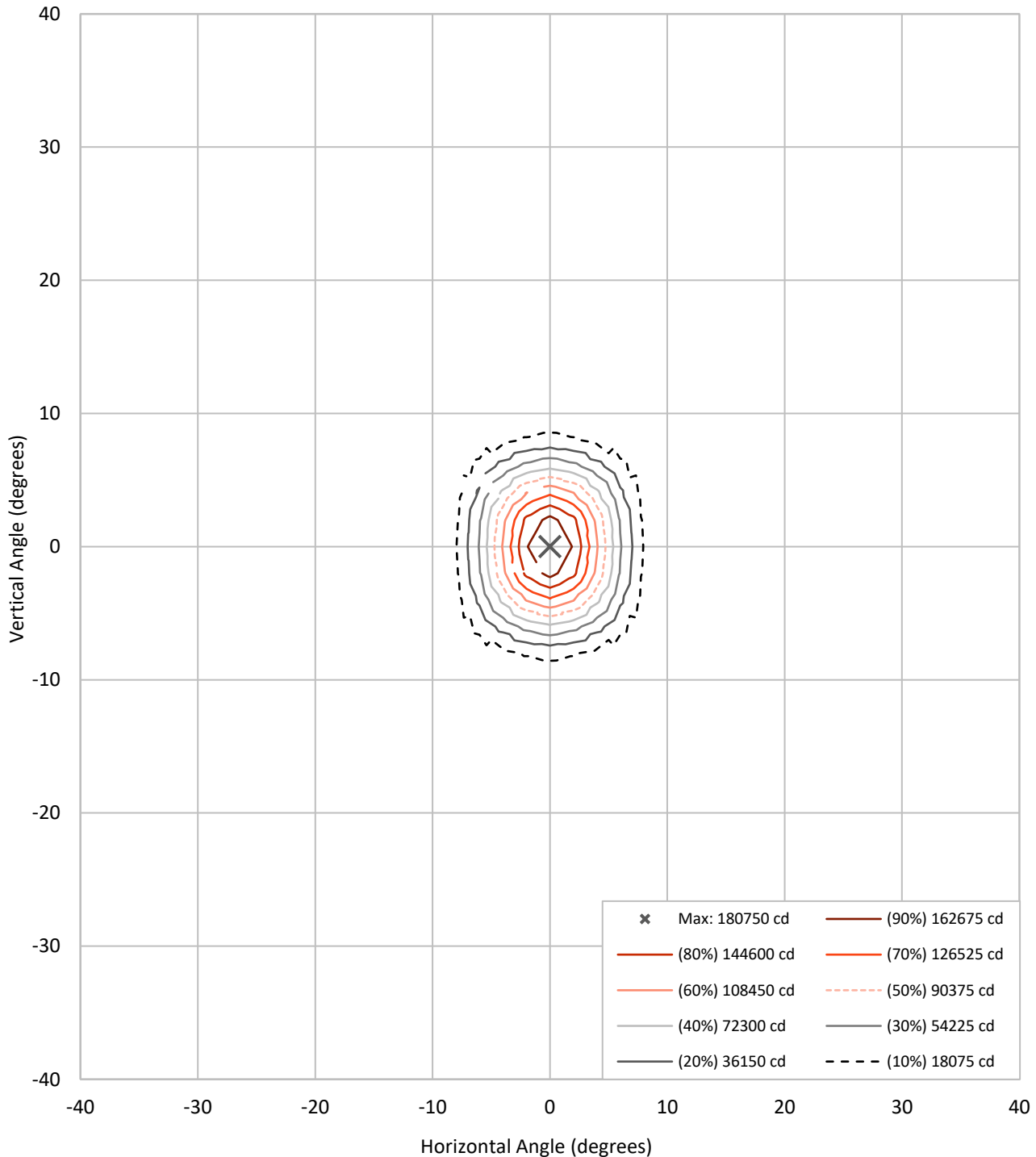
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7038.8 lumens	Max Intensity:	180750 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	3017 lumens	Field Lumens:	5199.7 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 110  
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





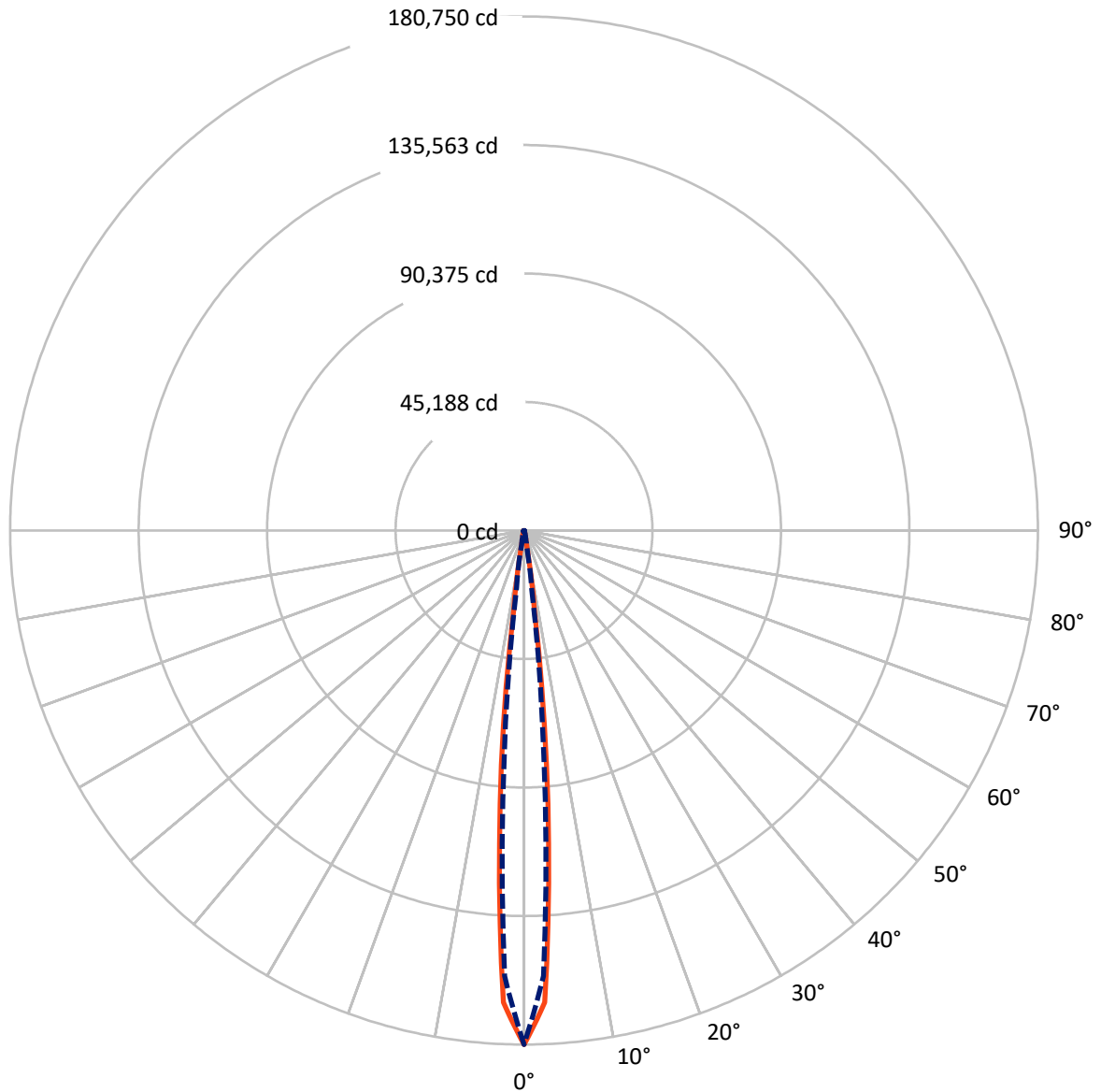
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### Lumen Table

90	0.0	0.2		0.7		1.7		2.9		1.7		0.7		0.2		0.0			
80	0.0	0.2		0.7		1.7		2.9		1.7		0.7		0.2		0.0			
70	0.1	0.1	0.4	0.8	1.2	1.5	2.5	4.4	4.4	2.5	1.5	1.2	0.8	0.4	0.1	0.1			
60		0.3	0.7	1.4	2.3	3.1	4.2	5.7	5.7	4.2	3.1	2.3	1.4	0.7	0.3				
50	0.4	0.5	1.1	2.3	4.0	6.0	7.7	9.1	9.1	7.7	6.0	4.0	2.3	1.1	0.5	0.4			
40		0.8	1.6	3.4	6.2	8.3	9.4	10.0	10.0	9.4	8.3	6.2	3.4	1.6	0.8				
30	0.7	1.1	2.2	4.8	7.6	9.1	12.4	16.2	16.2	12.4	9.1	7.6	4.8	2.2	1.1	0.7			
20		1.5	3.0	6.1	8.4	11.9	24.2	48.3	48.3	24.2	11.9	8.4	6.1	3.0	1.5				
10	0.8	1.7	3.6	6.8	8.7	15.3	47.8	1414.2	1414.2	47.8	15.3	8.7	6.8	3.6	1.7	0.8			
0		1.7	3.6	6.8	8.7	15.3	47.8	1414.2	1414.2	47.8	15.3	8.7	6.8	3.6	1.7				
-10	0.7	1.5	3.0	6.1	8.4	11.9	24.2	48.3	48.3	24.2	11.9	8.4	6.1	3.0	1.5	0.7			
-20		1.1	2.2	4.8	7.6	9.1	12.4	16.2	16.2	12.4	9.1	7.6	4.8	2.2	1.1				
-30	0.4	0.8	1.6	3.4	6.2	8.3	9.4	10.0	10.0	9.4	8.3	6.2	3.4	1.6	0.8	0.4			
-40		0.5	1.1	2.3	4.0	6.0	7.7	9.1	9.1	7.7	6.0	4.0	2.3	1.1	0.5				
-50	0.1	0.3	0.7	1.4	2.3	3.1	4.2	5.7	5.7	4.2	3.1	2.3	1.4	0.7	0.3	0.1			
-60		0.1	0.4	0.8	1.2	1.5	2.5	4.4	4.4	2.5	1.5	1.2	0.8	0.4	0.1				
-70	0.0	0.2		0.7		1.7		2.9		1.7		0.7		0.2		0.0			
-80		0.2		0.7		1.7		2.9		1.7		0.7		0.2					
-90	0.0	0.2		0.7		1.7		2.9		1.7		0.7		0.2		0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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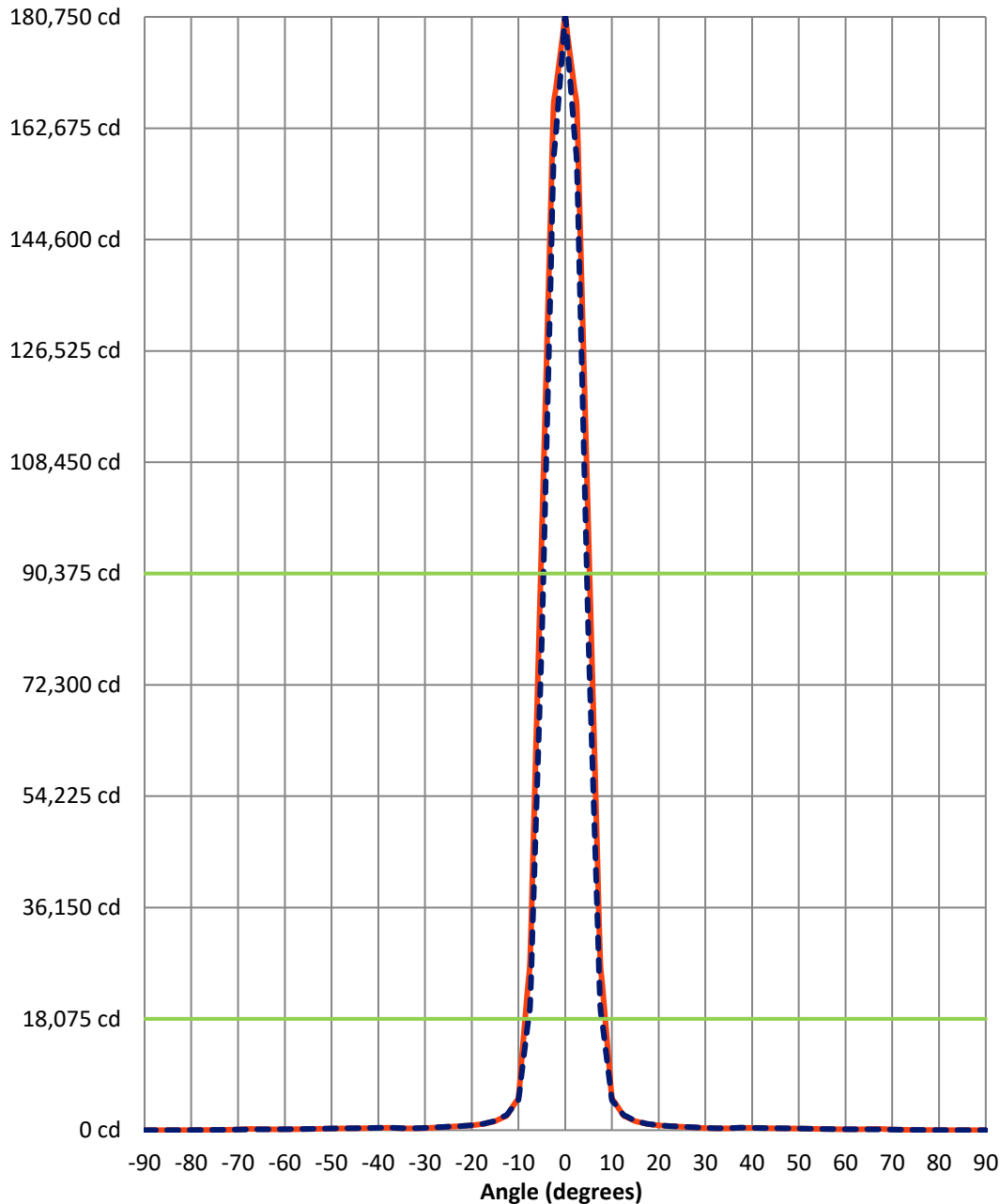
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 9.3°  
V Angle: 10.4°  
Lumens: 3017  
Efficiency: 42.9%

**Field:**  
H Angle: 15.7°  
V Angle: 17.1°  
Lumens: 5199.7  
Efficiency: 73.9%

**Spill:**  
Lumens: 1839.1  
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	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.7	3.2
72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.0	3.6	4.0
70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.1	3.9	4.5	5.6
67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	3.9	4.8	6.2	7.4
65°	0.0	0.9	1.8	2.1	2.1	2.4	3.7	4.8	6.3	7.9	9.4
62.5°	0.0	1.0	1.9	2.1	2.1	3.1	4.5	6.0	7.9	9.7	12.1
60°	0.0	1.0	2.1	2.1	2.1	3.8	5.2	7.4	9.5	12.3	14.8
57.5°	0.0	1.1	2.1	2.1	2.6	4.4	6.6	8.9	11.7	14.9	17.9
55°	0.0	1.2	2.1	2.1	3.2	5.1	8.0	10.4	14.1	17.6	21.3
52.5°	0.0	1.3	2.1	2.1	3.7	5.9	9.4	12.7	16.5	20.8	24.7
50°	0.0	1.3	2.2	2.1	4.2	7.2	10.9	15.2	19.1	24.0	28.8
47.5°	0.0	1.4	2.2	2.2	4.8	8.4	12.5	17.7	22.0	27.3	33.1
45°	0.0	1.5	2.2	2.6	5.3	9.8	14.8	20.4	25.5	31.4	37.6
42.5°	0.0	1.5	2.3	3.0	5.8	11.1	17.2	23.4	29.2	35.6	43.0
40°	0.0	1.6	2.3	3.3	6.5	12.4	19.5	26.7	33.3	40.0	48.6
37.5°	0.0	1.7	2.3	3.7	7.5	13.7	21.9	30.1	37.9	45.5	54.4
35°	0.0	1.7	2.4	4.0	8.5	15.4	24.3	33.5	42.5	51.8	60.0
32.5°	0.0	1.8	2.4	4.2	9.5	17.2	26.9	37.0	47.2	58.4	67.0
30°	0.0	1.8	2.5	4.5	10.4	19.1	29.7	40.6	52.0	65.3	75.0
27.5°	0.0	1.9	2.5	4.7	11.0	20.9	32.4	44.5	57.1	72.3	83.7
25°	0.0	1.9	2.6	4.9	11.5	22.7	35.2	48.4	62.8	79.6	93.2
22.5°	0.0	1.9	2.6	5.0	11.8	24.1	37.8	52.1	68.6	87.3	101.2
20°	0.0	2.0	2.7	5.1	12.1	24.6	40.5	55.8	74.3	95.3	109.1
17.5°	0.0	2.0	2.7	5.2	12.3	24.9	41.8	59.4	80.0	103.6	116.9
15°	0.0	2.0	2.8	5.2	12.4	25.0	42.3	61.9	85.5	111.9	124.5
12.5°	0.0	2.1	2.8	5.3	12.4	25.0	42.6	63.2	89.0	120.2	131.9
10°	0.0	2.1	2.9	5.3	12.3	24.8	42.7	64.4	90.8	123.4	137.2
7.5°	0.0	2.1	3.0	5.3	12.1	24.5	42.6	65.4	92.2	125.4	138.1
5°	0.0	2.1	3.0	5.2	11.9	24.0	42.3	66.1	93.1	126.7	138.9
2.5°	0.0	2.1	3.1	5.2	11.6	23.3	41.8	66.6	93.6	127.4	139.4
0°	0.0	2.1	3.1	5.1	11.3	22.6	41.1	66.8	93.6	127.5	139.8
-2.5°	0.0	2.1	3.1	5.2	11.6	23.3	41.8	66.6	93.6	127.4	139.4
-5°	0.0	2.1	3.0	5.2	11.9	24.0	42.3	66.1	93.1	126.7	138.9
-7.5°	0.0	2.1	3.0	5.3	12.1	24.5	42.6	65.4	92.2	125.4	138.1
-10°	0.0	2.1	2.9	5.3	12.3	24.8	42.7	64.4	90.8	123.4	137.2
-12.5°	0.0	2.1	2.8	5.3	12.4	25.0	42.6	63.2	89.0	120.2	131.9
-15°	0.0	2.0	2.8	5.2	12.4	25.0	42.3	61.9	85.5	111.9	124.5
-17.5°	0.0	2.0	2.7	5.2	12.3	24.9	41.8	59.4	80.0	103.6	116.9
-20°	0.0	2.0	2.7	5.1	12.1	24.6	40.5	55.8	74.3	95.3	109.1



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 CATALOG NUMBER: GFLD-SA2D-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	1.9	2.6	5.0	11.8	24.1	37.8	52.1	68.6	87.3	101.2
-25°	0.0	1.9	2.6	4.9	11.5	22.7	35.2	48.4	62.8	79.6	93.2
-27.5°	0.0	1.9	2.5	4.7	11.0	20.9	32.4	44.5	57.1	72.3	83.7
-30°	0.0	1.8	2.5	4.5	10.4	19.1	29.7	40.6	52.0	65.3	75.0
-32.5°	0.0	1.8	2.4	4.2	9.5	17.2	26.9	37.0	47.2	58.4	67.0
-35°	0.0	1.7	2.4	4.0	8.5	15.4	24.3	33.5	42.5	51.8	60.0
-37.5°	0.0	1.7	2.3	3.7	7.5	13.7	21.9	30.1	37.9	45.5	54.4
-40°	0.0	1.6	2.3	3.3	6.5	12.4	19.5	26.7	33.3	40.0	48.6
-42.5°	0.0	1.5	2.3	3.0	5.8	11.1	17.2	23.4	29.2	35.6	43.0
-45°	0.0	1.5	2.2	2.6	5.3	9.8	14.8	20.4	25.5	31.4	37.6
-47.5°	0.0	1.4	2.2	2.2	4.8	8.4	12.5	17.7	22.0	27.3	33.1
-50°	0.0	1.3	2.2	2.1	4.2	7.2	10.9	15.2	19.1	24.0	28.8
-52.5°	0.0	1.3	2.1	2.1	3.7	5.9	9.4	12.7	16.5	20.8	24.7
-55°	0.0	1.2	2.1	2.1	3.2	5.1	8.0	10.4	14.1	17.6	21.3
-57.5°	0.0	1.1	2.1	2.1	2.6	4.4	6.6	8.9	11.7	14.9	17.9
-60°	0.0	1.0	2.1	2.1	2.1	3.8	5.2	7.4	9.5	12.3	14.8
-62.5°	0.0	1.0	1.9	2.1	2.1	3.1	4.5	6.0	7.9	9.7	12.1
-65°	0.0	0.9	1.8	2.1	2.1	2.4	3.7	4.8	6.3	7.9	9.4
-67.5°	0.0	0.8	1.6	2.1	2.1	2.1	3.0	3.9	4.8	6.2	7.4
-70°	0.0	0.7	1.4	2.1	2.1	2.1	2.2	3.1	3.9	4.5	5.6
-72.5°	0.0	0.6	1.3	1.9	2.1	2.1	2.1	2.3	3.0	3.6	4.0
-75°	0.0	0.5	1.1	1.6	2.1	2.1	2.1	2.1	2.2	2.7	3.2
-77.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.1	2.1	2.1	2.1	2.3
-80°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.1	2.1	2.1	2.1
-82.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.1	2.1	2.1
-85°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-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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 CATALOG NUMBER: GFLD-SA2D-935-U-TSB-XX

**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°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	1.7	1.6	1.3	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6
82.5°	1.9	1.8	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
80°	2.1	2.1	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.4	4.9
77.5°	2.7	3.1	3.4	3.8	4.2	5.0	5.7	6.3	7.0	7.8	8.7
75°	3.6	4.0	5.1	6.2	7.2	8.1	8.8	9.9	11.2	12.8	14.2
72.5°	4.9	6.2	7.5	9.0	10.7	12.2	13.6	14.9	17.1	19.6	21.4
70°	6.8	8.3	10.5	12.8	15.0	16.9	19.7	23.1	26.4	28.2	29.2
67.5°	8.7	11.2	13.8	16.6	19.7	22.9	26.8	30.4	33.8	35.2	36.5
65°	11.3	14.2	17.4	20.8	24.3	28.2	32.1	36.2	39.8	41.6	43.7
62.5°	14.0	17.4	21.0	24.9	28.8	33.0	37.8	41.8	44.9	48.6	53.0
60°	17.2	20.5	24.7	29.0	33.5	39.3	44.1	48.6	52.9	57.1	63.6
57.5°	20.6	23.8	28.4	33.5	39.7	46.3	51.8	56.7	62.5	68.5	75.1
55°	24.3	27.2	32.4	38.6	45.7	53.6	60.1	66.8	73.4	78.8	84.7
52.5°	28.5	31.1	36.6	43.8	52.1	60.9	69.5	76.5	82.6	88.6	95.2
50°	32.9	36.3	40.7	49.3	58.5	68.5	78.2	85.3	92.3	99.3	106.7
47.5°	38.1	41.8	45.5	54.8	65.2	75.5	85.6	94.5	102.3	111.6	120.1
45°	43.7	48.0	52.0	60.7	71.4	81.8	93.0	103.8	114.7	125.6	139.3
42.5°	49.6	54.3	59.4	66.2	76.9	88.4	100.4	114.8	128.6	143.8	161.6
40°	55.3	60.6	66.7	72.8	82.3	95.1	109.8	125.9	145.4	165.1	186.6
37.5°	60.9	67.0	73.6	79.9	88.3	102.7	118.9	139.5	162.9	187.8	215.2
35°	66.4	73.2	79.9	87.3	96.7	110.8	130.7	154.0	182.1	213.6	238.6
32.5°	71.8	79.1	85.9	94.8	106.4	120.9	142.1	171.4	203.9	235.7	252.5
30°	78.5	84.4	91.9	101.9	115.9	134.3	157.3	188.9	225.8	247.6	263.2
27.5°	87.6	89.7	98.1	109.9	125.7	147.5	176.0	208.9	239.5	258.6	272.5
25°	96.5	98.6	104.0	117.9	137.4	163.1	195.2	232.7	250.8	267.0	283.1
22.5°	104.9	107.2	113.9	125.5	148.7	179.0	216.3	249.1	266.4	276.7	294.2
20°	112.9	116.5	124.7	138.1	160.3	194.0	236.8	264.4	280.8	293.2	309.3
17.5°	120.6	125.5	135.6	151.8	176.7	211.0	255.4	279.6	295.6	307.5	327.5
15°	128.0	134.3	146.0	164.7	191.9	229.1	267.9	292.0	309.3	321.0	344.4
12.5°	135.2	142.8	156.1	176.6	205.6	244.9	278.4	300.1	317.3	335.2	359.4
10°	142.2	151.1	165.6	187.7	217.9	258.5	287.2	306.5	323.7	346.6	371.7
7.5°	143.3	155.3	173.4	198.0	228.8	270.0	294.5	311.5	330.2	357.0	383.0
5°	143.3	155.0	174.0	200.6	234.0	276.8	299.5	315.4	336.5	366.2	393.0
2.5°	143.1	154.2	174.2	201.5	235.3	277.5	300.3	316.4	340.1	375.3	402.2
0°	142.9	153.2	173.8	201.5	235.5	276.6	300.2	316.7	342.4	383.5	410.3
-2.5°	143.1	154.2	174.2	201.5	235.3	277.5	300.3	316.4	340.1	375.3	402.2
-5°	143.3	155.0	174.0	200.6	234.0	276.8	299.5	315.4	336.5	366.2	393.0
-7.5°	143.3	155.3	173.4	198.0	228.8	270.0	294.5	311.5	330.2	357.0	383.0
-10°	142.2	151.1	165.6	187.7	217.9	258.5	287.2	306.5	323.7	346.6	371.7
-12.5°	135.2	142.8	156.1	176.6	205.6	244.9	278.4	300.1	317.3	335.2	359.4
-15°	128.0	134.3	146.0	164.7	191.9	229.1	267.9	292.0	309.3	321.0	344.4
-17.5°	120.6	125.5	135.6	151.8	176.7	211.0	255.4	279.6	295.6	307.5	327.5
-20°	112.9	116.5	124.7	138.1	160.3	194.0	236.8	264.4	280.8	293.2	309.3



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	104.9	107.2	113.9	125.5	148.7	179.0	216.3	249.1	266.4	276.7	294.2
-25°	96.5	98.6	104.0	117.9	137.4	163.1	195.2	232.7	250.8	267.0	283.1
-27.5°	87.6	89.7	98.1	109.9	125.7	147.5	176.0	208.9	239.5	258.6	272.5
-30°	78.5	84.4	91.9	101.9	115.9	134.3	157.3	188.9	225.8	247.6	263.2
-32.5°	71.8	79.1	85.9	94.8	106.4	120.9	142.1	171.4	203.9	235.7	252.5
-35°	66.4	73.2	79.9	87.3	96.7	110.8	130.7	154.0	182.1	213.6	238.6
-37.5°	60.9	67.0	73.6	79.9	88.3	102.7	118.9	139.5	162.9	187.8	215.2
-40°	55.3	60.6	66.7	72.8	82.3	95.1	109.8	125.9	145.4	165.1	186.6
-42.5°	49.6	54.3	59.4	66.2	76.9	88.4	100.4	114.8	128.6	143.8	161.6
-45°	43.7	48.0	52.0	60.7	71.4	81.8	93.0	103.8	114.7	125.6	139.3
-47.5°	38.1	41.8	45.5	54.8	65.2	75.5	85.6	94.5	102.3	111.6	120.1
-50°	32.9	36.3	40.7	49.3	58.5	68.5	78.2	85.3	92.3	99.3	106.7
-52.5°	28.5	31.1	36.6	43.8	52.1	60.9	69.5	76.5	82.6	88.6	95.2
-55°	24.3	27.2	32.4	38.6	45.7	53.6	60.1	66.8	73.4	78.8	84.7
-57.5°	20.6	23.8	28.4	33.5	39.7	46.3	51.8	56.7	62.5	68.5	75.1
-60°	17.2	20.5	24.7	29.0	33.5	39.3	44.1	48.6	52.9	57.1	63.6
-62.5°	14.0	17.4	21.0	24.9	28.8	33.0	37.8	41.8	44.9	48.6	53.0
-65°	11.3	14.2	17.4	20.8	24.3	28.2	32.1	36.2	39.8	41.6	43.7
-67.5°	8.7	11.2	13.8	16.6	19.7	22.9	26.8	30.4	33.8	35.2	36.5
-70°	6.8	8.3	10.5	12.8	15.0	16.9	19.7	23.1	26.4	28.2	29.2
-72.5°	4.9	6.2	7.5	9.0	10.7	12.2	13.6	14.9	17.1	19.6	21.4
-75°	3.6	4.0	5.1	6.2	7.2	8.1	8.8	9.9	11.2	12.8	14.2
-77.5°	2.7	3.1	3.4	3.8	4.2	5.0	5.7	6.3	7.0	7.8	8.7
-80°	2.1	2.1	2.4	2.7	3.0	3.2	3.5	3.7	4.0	4.4	4.9
-82.5°	1.9	1.8	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.7	2.9
-85°	1.7	1.6	1.3	1.2	1.2	1.3	1.4	1.5	1.5	1.6	1.6
-87.5°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
-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: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
82.5°	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0
80°	5.5	5.9	6.3	6.5	6.7	7.4	8.3	9.3	10.3	10.6	10.9
77.5°	9.8	10.5	11.0	11.3	11.5	13.1	15.2	17.4	19.6	20.7	21.7
75°	15.6	16.5	17.0	17.4	17.7	20.1	23.8	27.6	31.6	33.6	35.1
72.5°	22.6	23.3	23.9	24.3	24.6	28.3	34.9	42.0	49.7	54.3	57.7
70°	30.1	30.9	31.5	32.1	32.5	36.9	46.5	56.5	66.8	77.1	88.1
67.5°	38.0	39.7	40.6	41.1	41.7	45.4	55.6	65.0	73.6	92.3	121.7
65°	46.7	50.6	52.3	53.2	53.6	55.3	64.0	71.8	78.9	93.5	115.9
62.5°	57.8	63.0	65.4	66.5	67.1	67.2	74.3	80.9	86.9	96.0	110.3
60°	69.7	75.3	78.3	79.1	79.6	79.9	85.5	92.0	98.0	105.4	118.8
57.5°	80.6	85.9	90.3	92.0	93.4	94.3	99.3	106.9	114.1	121.5	135.8
55°	91.0	97.4	103.5	106.9	110.0	112.8	117.7	127.4	136.6	145.2	160.1
52.5°	102.4	110.6	118.7	124.8	130.8	136.0	141.3	153.8	166.0	177.6	192.0
50°	115.9	126.0	137.9	147.9	156.4	164.9	172.5	187.2	203.8	219.6	234.8
47.5°	133.1	146.5	161.6	175.8	187.4	200.5	212.4	227.6	242.2	256.9	269.5
45°	154.2	172.7	190.1	209.0	225.6	234.2	241.1	250.6	265.7	280.1	291.8
42.5°	181.2	202.7	224.2	238.2	248.9	255.9	260.9	265.9	281.7	295.7	307.0
40°	211.2	232.8	246.0	257.6	265.0	271.2	279.1	286.8	299.2	313.5	326.1
37.5°	237.2	251.1	262.7	271.8	280.7	289.0	300.3	311.4	323.2	339.2	351.0
35°	253.2	265.4	277.3	288.6	300.0	312.8	326.9	343.2	357.7	344.6	325.5
32.5°	265.4	278.0	292.3	309.7	325.5	342.9	360.6	332.2	303.1	291.7	294.0
30°	276.0	290.6	310.3	333.1	355.0	347.2	308.4	294.8	298.8	306.8	322.1
27.5°	287.5	305.6	329.5	357.6	340.4	297.4	299.7	307.6	334.2	356.8	391.1
25°	301.0	322.9	352.5	339.6	300.2	304.2	324.2	354.2	404.9	452.3	493.6
22.5°	317.2	345.1	349.0	300.2	305.6	331.6	372.0	437.1	498.8	556.0	598.7
20°	333.7	365.9	316.4	306.1	329.0	375.5	450.6	525.3	594.2	645.3	688.0
17.5°	353.5	342.1	307.1	318.1	364.4	444.7	529.2	608.5	673.4	761.8	837.0
15°	370.8	319.2	312.7	348.9	418.6	509.0	600.8	672.0	789.2	915.9	1044.0
12.5°	360.9	311.1	322.8	376.4	468.0	565.7	646.9	759.6	914.6	1099.7	1377.8
10°	346.2	315.7	344.3	414.4	510.2	605.4	689.8	837.5	1042.1	1382.0	1819.9
7.5°	334.8	317.7	358.5	443.6	541.6	629.4	741.9	921.0	1206.2	1672.5	2604.8
5°	326.2	317.6	364.9	460.5	560.3	646.0	774.0	981.7	1367.1	2031.4	3624.4
2.5°	322.3	315.9	366.7	469.6	569.5	655.3	794.0	1025.4	1468.5	2364.8	4766.0
0°	324.9	312.6	366.1	473.0	574.8	654.0	796.9	1038.5	1499.2	2487.9	4919.2
-2.5°	322.3	315.9	366.7	469.6	569.5	655.3	794.0	1025.4	1468.5	2364.8	4766.0
-5°	326.2	317.6	364.9	460.5	560.3	646.0	774.0	981.7	1367.1	2031.4	3624.4
-7.5°	334.8	317.7	358.5	443.6	541.6	629.4	741.9	921.0	1206.2	1672.5	2604.8
-10°	346.2	315.7	344.3	414.4	510.2	605.4	689.8	837.5	1042.1	1382.0	1819.9
-12.5°	360.9	311.1	322.8	376.4	468.0	565.7	646.9	759.6	914.6	1099.7	1377.8
-15°	370.8	319.2	312.7	348.9	418.6	509.0	600.8	672.0	789.2	915.9	1044.0
-17.5°	353.5	342.1	307.1	318.1	364.4	444.7	529.2	608.5	673.4	761.8	837.0
-20°	333.7	365.9	316.4	306.1	329.0	375.5	450.6	525.3	594.2	645.3	688.0



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	317.2	345.1	349.0	300.2	305.6	331.6	372.0	437.1	498.8	556.0	598.7
-25°	301.0	322.9	352.5	339.6	300.2	304.2	324.2	354.2	404.9	452.3	493.6
-27.5°	287.5	305.6	329.5	357.6	340.4	297.4	299.7	307.6	334.2	356.8	391.1
-30°	276.0	290.6	310.3	333.1	355.0	347.2	308.4	294.8	298.8	306.8	322.1
-32.5°	265.4	278.0	292.3	309.7	325.5	342.9	360.6	332.2	303.1	291.7	294.0
-35°	253.2	265.4	277.3	288.6	300.0	312.8	326.9	343.2	357.7	344.6	325.5
-37.5°	237.2	251.1	262.7	271.8	280.7	289.0	300.3	311.4	323.2	339.2	351.0
-40°	211.2	232.8	246.0	257.6	265.0	271.2	279.1	286.8	299.2	313.5	326.1
-42.5°	181.2	202.7	224.2	238.2	248.9	255.9	260.9	265.9	281.7	295.7	307.0
-45°	154.2	172.7	190.1	209.0	225.6	234.2	241.1	250.6	265.7	280.1	291.8
-47.5°	133.1	146.5	161.6	175.8	187.4	200.5	212.4	227.6	242.2	256.9	269.5
-50°	115.9	126.0	137.9	147.9	156.4	164.9	172.5	187.2	203.8	219.6	234.8
-52.5°	102.4	110.6	118.7	124.8	130.8	136.0	141.3	153.8	166.0	177.6	192.0
-55°	91.0	97.4	103.5	106.9	110.0	112.8	117.7	127.4	136.6	145.2	160.1
-57.5°	80.6	85.9	90.3	92.0	93.4	94.3	99.3	106.9	114.1	121.5	135.8
-60°	69.7	75.3	78.3	79.1	79.6	79.9	85.5	92.0	98.0	105.4	118.8
-62.5°	57.8	63.0	65.4	66.5	67.1	67.2	74.3	80.9	86.9	96.0	110.3
-65°	46.7	50.6	52.3	53.2	53.6	55.3	64.0	71.8	78.9	93.5	115.9
-67.5°	38.0	39.7	40.6	41.1	41.7	45.4	55.6	65.0	73.6	92.3	121.7
-70°	30.1	30.9	31.5	32.1	32.5	36.9	46.5	56.5	66.8	77.1	88.1
-72.5°	22.6	23.3	23.9	24.3	24.6	28.3	34.9	42.0	49.7	54.3	57.7
-75°	15.6	16.5	17.0	17.4	17.7	20.1	23.8	27.6	31.6	33.6	35.1
-77.5°	9.8	10.5	11.0	11.3	11.5	13.1	15.2	17.4	19.6	20.7	21.7
-80°	5.5	5.9	6.3	6.5	6.7	7.4	8.3	9.3	10.3	10.6	10.9
-82.5°	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.0
-85°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	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



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
82.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.8
80°	11.1	11.2	10.8	10.3	10.8	11.2	11.1	10.9	10.6	10.3	9.3
77.5°	22.6	23.3	22.6	21.6	22.6	23.3	22.6	21.7	20.7	19.6	17.4
75°	36.4	37.6	37.0	36.0	37.0	37.6	36.4	35.1	33.6	31.6	27.6
72.5°	60.9	63.9	63.1	61.7	63.1	63.9	60.9	57.7	54.3	49.7	42.0
70°	99.6	111.3	110.9	108.0	110.9	111.3	99.6	88.1	77.1	66.8	56.5
67.5°	153.6	186.8	197.3	202.6	197.3	186.8	153.6	121.7	92.3	73.6	65.0
65°	136.8	156.9	164.8	170.7	164.8	156.9	136.8	115.9	93.5	78.9	71.8
62.5°	123.1	135.0	137.5	137.8	137.5	135.0	123.1	110.3	96.0	86.9	80.9
60°	131.7	144.4	146.3	144.0	146.3	144.4	131.7	118.8	105.4	98.0	92.0
57.5°	149.6	162.8	165.3	162.5	165.3	162.8	149.6	135.8	121.5	114.1	106.9
55°	174.3	187.7	192.1	191.3	192.1	187.7	174.3	160.1	145.2	136.6	127.4
52.5°	205.9	218.2	223.3	223.1	223.3	218.2	205.9	192.0	177.6	166.0	153.8
50°	248.0	259.1	264.5	265.3	264.5	259.1	248.0	234.8	219.6	203.8	187.2
47.5°	278.5	285.7	289.5	290.0	289.5	285.7	278.5	269.5	256.9	242.2	227.6
45°	297.1	301.0	303.9	306.4	303.9	301.0	297.1	291.8	280.1	265.7	250.6
42.5°	314.6	322.7	328.7	330.1	328.7	322.7	314.6	307.0	295.7	281.7	265.9
40°	338.1	349.3	360.0	371.2	360.0	349.3	338.1	326.1	313.5	299.2	286.8
37.5°	363.2	375.6	386.0	391.8	386.0	375.6	363.2	351.0	339.2	323.2	311.4
35°	312.1	303.9	299.0	297.2	299.0	303.9	312.1	325.5	344.6	357.7	343.2
32.5°	295.4	296.0	295.0	293.1	295.0	296.0	295.4	294.0	291.7	303.1	332.2
30°	333.6	339.0	339.6	339.3	339.6	339.0	333.6	322.1	306.8	298.8	294.8
27.5°	416.4	430.3	434.6	443.2	434.6	430.3	416.4	391.1	356.8	334.2	307.6
25°	525.7	546.6	556.7	560.4	556.7	546.6	525.7	493.6	452.3	404.9	354.2
22.5°	622.8	638.8	648.1	656.0	648.1	638.8	622.8	598.7	556.0	498.8	437.1
20°	737.8	767.0	780.5	781.5	780.5	767.0	737.8	688.0	645.3	594.2	525.3
17.5°	917.5	974.4	1002.8	1010.8	1002.8	974.4	917.5	837.0	761.8	673.4	608.5
15°	1200.9	1346.1	1420.7	1456.0	1420.7	1346.1	1200.9	1044.0	915.9	789.2	672.0
12.5°	1663.3	1990.5	2255.1	2354.7	2255.1	1990.5	1663.3	1377.8	1099.7	914.6	759.6
10°	2579.3	3556.5	4698.1	5230.7	4698.1	3556.5	2579.3	1819.9	1382.0	1042.1	837.5
7.5°	4990.0	11585.9	22455.4	27640.4	22455.4	11585.9	4990.0	2604.8	1672.5	1206.2	921.0
5°	10636.4	45903.1	82206.8	96558.9	82206.8	45903.1	10636.4	3624.4	2031.4	1367.1	981.7
2.5°	16941.4	75287.2	142054.8	166103.6	142054.8	75287.2	16941.4	4766.0	2364.8	1468.5	1025.4
0°	20241.6	79338.8	156754.3	180750.0	156754.3	79338.8	20241.6	4919.2	2487.9	1499.2	1038.5
-2.5°	16941.4	75287.2	142054.8	166103.6	142054.8	75287.2	16941.4	4766.0	2364.8	1468.5	1025.4
-5°	10636.4	45903.1	82206.8	96558.9	82206.8	45903.1	10636.4	3624.4	2031.4	1367.1	981.7
-7.5°	4990.0	11585.9	22455.4	27640.4	22455.4	11585.9	4990.0	2604.8	1672.5	1206.2	921.0
-10°	2579.3	3556.5	4698.1	5230.7	4698.1	3556.5	2579.3	1819.9	1382.0	1042.1	837.5
-12.5°	1663.3	1990.5	2255.1	2354.7	2255.1	1990.5	1663.3	1377.8	1099.7	914.6	759.6
-15°	1200.9	1346.1	1420.7	1456.0	1420.7	1346.1	1200.9	1044.0	915.9	789.2	672.0
-17.5°	917.5	974.4	1002.8	1010.8	1002.8	974.4	917.5	837.0	761.8	673.4	608.5
-20°	737.8	767.0	780.5	781.5	780.5	767.0	737.8	688.0	645.3	594.2	525.3



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	622.8	638.8	648.1	656.0	648.1	638.8	622.8	598.7	556.0	498.8	437.1
-25°	525.7	546.6	556.7	560.4	556.7	546.6	525.7	493.6	452.3	404.9	354.2
-27.5°	416.4	430.3	434.6	443.2	434.6	430.3	416.4	391.1	356.8	334.2	307.6
-30°	333.6	339.0	339.6	339.3	339.6	339.0	333.6	322.1	306.8	298.8	294.8
-32.5°	295.4	296.0	295.0	293.1	295.0	296.0	295.4	294.0	291.7	303.1	332.2
-35°	312.1	303.9	299.0	297.2	299.0	303.9	312.1	325.5	344.6	357.7	343.2
-37.5°	363.2	375.6	386.0	391.8	386.0	375.6	363.2	351.0	339.2	323.2	311.4
-40°	338.1	349.3	360.0	371.2	360.0	349.3	338.1	326.1	313.5	299.2	286.8
-42.5°	314.6	322.7	328.7	330.1	328.7	322.7	314.6	307.0	295.7	281.7	265.9
-45°	297.1	301.0	303.9	306.4	303.9	301.0	297.1	291.8	280.1	265.7	250.6
-47.5°	278.5	285.7	289.5	290.0	289.5	285.7	278.5	269.5	256.9	242.2	227.6
-50°	248.0	259.1	264.5	265.3	264.5	259.1	248.0	234.8	219.6	203.8	187.2
-52.5°	205.9	218.2	223.3	223.1	223.3	218.2	205.9	192.0	177.6	166.0	153.8
-55°	174.3	187.7	192.1	191.3	192.1	187.7	174.3	160.1	145.2	136.6	127.4
-57.5°	149.6	162.8	165.3	162.5	165.3	162.8	149.6	135.8	121.5	114.1	106.9
-60°	131.7	144.4	146.3	144.0	146.3	144.4	131.7	118.8	105.4	98.0	92.0
-62.5°	123.1	135.0	137.5	137.8	137.5	135.0	123.1	110.3	96.0	86.9	80.9
-65°	136.8	156.9	164.8	170.7	164.8	156.9	136.8	115.9	93.5	78.9	71.8
-67.5°	153.6	186.8	197.3	202.6	197.3	186.8	153.6	121.7	92.3	73.6	65.0
-70°	99.6	111.3	110.9	108.0	110.9	111.3	99.6	88.1	77.1	66.8	56.5
-72.5°	60.9	63.9	63.1	61.7	63.1	63.9	60.9	57.7	54.3	49.7	42.0
-75°	36.4	37.6	37.0	36.0	37.0	37.6	36.4	35.1	33.6	31.6	27.6
-77.5°	22.6	23.3	22.6	21.6	22.6	23.3	22.6	21.7	20.7	19.6	17.4
-80°	11.1	11.2	10.8	10.3	10.8	11.2	11.1	10.9	10.6	10.3	9.3
-82.5°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.8
-85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5
82.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.3
80°	8.3	7.4	6.7	6.5	6.3	5.9	5.5	4.9	4.4	4.0	3.7
77.5°	15.2	13.1	11.5	11.3	11.0	10.5	9.8	8.7	7.8	7.0	6.3
75°	23.8	20.1	17.7	17.4	17.0	16.5	15.6	14.2	12.8	11.2	9.9
72.5°	34.9	28.3	24.6	24.3	23.9	23.3	22.6	21.4	19.6	17.1	14.9
70°	46.5	36.9	32.5	32.1	31.5	30.9	30.1	29.2	28.2	26.4	23.1
67.5°	55.6	45.4	41.7	41.1	40.6	39.7	38.0	36.5	35.2	33.8	30.4
65°	64.0	55.3	53.6	53.2	52.3	50.6	46.7	43.7	41.6	39.8	36.2
62.5°	74.3	67.2	67.1	66.5	65.4	63.0	57.8	53.0	48.6	44.9	41.8
60°	85.5	79.9	79.6	79.1	78.3	75.3	69.7	63.6	57.1	52.9	48.6
57.5°	99.3	94.3	93.4	92.0	90.3	85.9	80.6	75.1	68.5	62.5	56.7
55°	117.7	112.8	110.0	106.9	103.5	97.4	91.0	84.7	78.8	73.4	66.8
52.5°	141.3	136.0	130.8	124.8	118.7	110.6	102.4	95.2	88.6	82.6	76.5
50°	172.5	164.9	156.4	147.9	137.9	126.0	115.9	106.7	99.3	92.3	85.3
47.5°	212.4	200.5	187.4	175.8	161.6	146.5	133.1	120.1	111.6	102.3	94.5
45°	241.1	234.2	225.6	209.0	190.1	172.7	154.2	139.3	125.6	114.7	103.8
42.5°	260.9	255.9	248.9	238.2	224.2	202.7	181.2	161.6	143.8	128.6	114.8
40°	279.1	271.2	265.0	257.6	246.0	232.8	211.2	186.6	165.1	145.4	125.9
37.5°	300.3	289.0	280.7	271.8	262.7	251.1	237.2	215.2	187.8	162.9	139.5
35°	326.9	312.8	300.0	288.6	277.3	265.4	253.2	238.6	213.6	182.1	154.0
32.5°	360.6	342.9	325.5	309.7	292.3	278.0	265.4	252.5	235.7	203.9	171.4
30°	308.4	347.2	355.0	333.1	310.3	290.6	276.0	263.2	247.6	225.8	188.9
27.5°	299.7	297.4	340.4	357.6	329.5	305.6	287.5	272.5	258.6	239.5	208.9
25°	324.2	304.2	300.2	339.6	352.5	322.9	301.0	283.1	267.0	250.8	232.7
22.5°	372.0	331.6	305.6	300.2	349.0	345.1	317.2	294.2	276.7	266.4	249.1
20°	450.6	375.5	329.0	306.1	316.4	365.9	333.7	309.3	293.2	280.8	264.4
17.5°	529.2	444.7	364.4	318.1	307.1	342.1	353.5	327.5	307.5	295.6	279.6
15°	600.8	509.0	418.6	348.9	312.7	319.2	370.8	344.4	321.0	309.3	292.0
12.5°	646.9	565.7	468.0	376.4	322.8	311.1	360.9	359.4	335.2	317.3	300.1
10°	689.8	605.4	510.2	414.4	344.3	315.7	346.2	371.7	346.6	323.7	306.5
7.5°	741.9	629.4	541.6	443.6	358.5	317.7	334.8	383.0	357.0	330.2	311.5
5°	774.0	646.0	560.3	460.5	364.9	317.6	326.2	393.0	366.2	336.5	315.4
2.5°	794.0	655.3	569.5	469.6	366.7	315.9	322.3	402.2	375.3	340.1	316.4
0°	796.9	654.0	574.8	473.0	366.1	312.6	324.9	410.3	383.5	342.4	316.7
-2.5°	794.0	655.3	569.5	469.6	366.7	315.9	322.3	402.2	375.3	340.1	316.4
-5°	774.0	646.0	560.3	460.5	364.9	317.6	326.2	393.0	366.2	336.5	315.4
-7.5°	741.9	629.4	541.6	443.6	358.5	317.7	334.8	383.0	357.0	330.2	311.5
-10°	689.8	605.4	510.2	414.4	344.3	315.7	346.2	371.7	346.6	323.7	306.5
-12.5°	646.9	565.7	468.0	376.4	322.8	311.1	360.9	359.4	335.2	317.3	300.1
-15°	600.8	509.0	418.6	348.9	312.7	319.2	370.8	344.4	321.0	309.3	292.0
-17.5°	529.2	444.7	364.4	318.1	307.1	342.1	353.5	327.5	307.5	295.6	279.6
-20°	450.6	375.5	329.0	306.1	316.4	365.9	333.7	309.3	293.2	280.8	264.4



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	372.0	331.6	305.6	300.2	349.0	345.1	317.2	294.2	276.7	266.4	249.1
-25°	324.2	304.2	300.2	339.6	352.5	322.9	301.0	283.1	267.0	250.8	232.7
-27.5°	299.7	297.4	340.4	357.6	329.5	305.6	287.5	272.5	258.6	239.5	208.9
-30°	308.4	347.2	355.0	333.1	310.3	290.6	276.0	263.2	247.6	225.8	188.9
-32.5°	360.6	342.9	325.5	309.7	292.3	278.0	265.4	252.5	235.7	203.9	171.4
-35°	326.9	312.8	300.0	288.6	277.3	265.4	253.2	238.6	213.6	182.1	154.0
-37.5°	300.3	289.0	280.7	271.8	262.7	251.1	237.2	215.2	187.8	162.9	139.5
-40°	279.1	271.2	265.0	257.6	246.0	232.8	211.2	186.6	165.1	145.4	125.9
-42.5°	260.9	255.9	248.9	238.2	224.2	202.7	181.2	161.6	143.8	128.6	114.8
-45°	241.1	234.2	225.6	209.0	190.1	172.7	154.2	139.3	125.6	114.7	103.8
-47.5°	212.4	200.5	187.4	175.8	161.6	146.5	133.1	120.1	111.6	102.3	94.5
-50°	172.5	164.9	156.4	147.9	137.9	126.0	115.9	106.7	99.3	92.3	85.3
-52.5°	141.3	136.0	130.8	124.8	118.7	110.6	102.4	95.2	88.6	82.6	76.5
-55°	117.7	112.8	110.0	106.9	103.5	97.4	91.0	84.7	78.8	73.4	66.8
-57.5°	99.3	94.3	93.4	92.0	90.3	85.9	80.6	75.1	68.5	62.5	56.7
-60°	85.5	79.9	79.6	79.1	78.3	75.3	69.7	63.6	57.1	52.9	48.6
-62.5°	74.3	67.2	67.1	66.5	65.4	63.0	57.8	53.0	48.6	44.9	41.8
-65°	64.0	55.3	53.6	53.2	52.3	50.6	46.7	43.7	41.6	39.8	36.2
-67.5°	55.6	45.4	41.7	41.1	40.6	39.7	38.0	36.5	35.2	33.8	30.4
-70°	46.5	36.9	32.5	32.1	31.5	30.9	30.1	29.2	28.2	26.4	23.1
-72.5°	34.9	28.3	24.6	24.3	23.9	23.3	22.6	21.4	19.6	17.1	14.9
-75°	23.8	20.1	17.7	17.4	17.0	16.5	15.6	14.2	12.8	11.2	9.9
-77.5°	15.2	13.1	11.5	11.3	11.0	10.5	9.8	8.7	7.8	7.0	6.3
-80°	8.3	7.4	6.7	6.5	6.3	5.9	5.5	4.9	4.4	4.0	3.7
-82.5°	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.7	2.5	2.3
-85°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.5
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-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: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-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°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.8	0.7	0.6
85°	1.4	1.3	1.2	1.2	1.3	1.6	1.7	1.8	1.6	1.4	1.3
82.5°	2.1	2.0	1.9	1.8	1.8	1.8	1.9	2.1	2.1	2.1	1.9
80°	3.5	3.2	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
77.5°	5.7	5.0	4.2	3.8	3.4	3.1	2.7	2.3	2.1	2.1	2.1
75°	8.8	8.1	7.2	6.2	5.1	4.0	3.6	3.2	2.7	2.2	2.1
72.5°	13.6	12.2	10.7	9.0	7.5	6.2	4.9	4.0	3.6	3.0	2.3
70°	19.7	16.9	15.0	12.8	10.5	8.3	6.8	5.6	4.5	3.9	3.1
67.5°	26.8	22.9	19.7	16.6	13.8	11.2	8.7	7.4	6.2	4.8	3.9
65°	32.1	28.2	24.3	20.8	17.4	14.2	11.3	9.4	7.9	6.3	4.8
62.5°	37.8	33.0	28.8	24.9	21.0	17.4	14.0	12.1	9.7	7.9	6.0
60°	44.1	39.3	33.5	29.0	24.7	20.5	17.2	14.8	12.3	9.5	7.4
57.5°	51.8	46.3	39.7	33.5	28.4	23.8	20.6	17.9	14.9	11.7	8.9
55°	60.1	53.6	45.7	38.6	32.4	27.2	24.3	21.3	17.6	14.1	10.4
52.5°	69.5	60.9	52.1	43.8	36.6	31.1	28.5	24.7	20.8	16.5	12.7
50°	78.2	68.5	58.5	49.3	40.7	36.3	32.9	28.8	24.0	19.1	15.2
47.5°	85.6	75.5	65.2	54.8	45.5	41.8	38.1	33.1	27.3	22.0	17.7
45°	93.0	81.8	71.4	60.7	52.0	48.0	43.7	37.6	31.4	25.5	20.4
42.5°	100.4	88.4	76.9	66.2	59.4	54.3	49.6	43.0	35.6	29.2	23.4
40°	109.8	95.1	82.3	72.8	66.7	60.6	55.3	48.6	40.0	33.3	26.7
37.5°	118.9	102.7	88.3	79.9	73.6	67.0	60.9	54.4	45.5	37.9	30.1
35°	130.7	110.8	96.7	87.3	79.9	73.2	66.4	60.0	51.8	42.5	33.5
32.5°	142.1	120.9	106.4	94.8	85.9	79.1	71.8	67.0	58.4	47.2	37.0
30°	157.3	134.3	115.9	101.9	91.9	84.4	78.5	75.0	65.3	52.0	40.6
27.5°	176.0	147.5	125.7	109.9	98.1	89.7	87.6	83.7	72.3	57.1	44.5
25°	195.2	163.1	137.4	117.9	104.0	98.6	96.5	93.2	79.6	62.8	48.4
22.5°	216.3	179.0	148.7	125.5	113.9	107.2	104.9	101.2	87.3	68.6	52.1
20°	236.8	194.0	160.3	138.1	124.7	116.5	112.9	109.1	95.3	74.3	55.8
17.5°	255.4	211.0	176.7	151.8	135.6	125.5	120.6	116.9	103.6	80.0	59.4
15°	267.9	229.1	191.9	164.7	146.0	134.3	128.0	124.5	111.9	85.5	61.9
12.5°	278.4	244.9	205.6	176.6	156.1	142.8	135.2	131.9	120.2	89.0	63.2
10°	287.2	258.5	217.9	187.7	165.6	151.1	142.2	137.2	123.4	90.8	64.4
7.5°	294.5	270.0	228.8	198.0	173.4	155.3	143.3	138.1	125.4	92.2	65.4
5°	299.5	276.8	234.0	200.6	174.0	155.0	143.3	138.9	126.7	93.1	66.1
2.5°	300.3	277.5	235.3	201.5	174.2	154.2	143.1	139.4	127.4	93.6	66.6
0°	300.2	276.6	235.5	201.5	173.8	153.2	142.9	139.8	127.5	93.6	66.8
-2.5°	300.3	277.5	235.3	201.5	174.2	154.2	143.1	139.4	127.4	93.6	66.6
-5°	299.5	276.8	234.0	200.6	174.0	155.0	143.3	138.9	126.7	93.1	66.1
-7.5°	294.5	270.0	228.8	198.0	173.4	155.3	143.3	138.1	125.4	92.2	65.4
-10°	287.2	258.5	217.9	187.7	165.6	151.1	142.2	137.2	123.4	90.8	64.4
-12.5°	278.4	244.9	205.6	176.6	156.1	142.8	135.2	131.9	120.2	89.0	63.2
-15°	267.9	229.1	191.9	164.7	146.0	134.3	128.0	124.5	111.9	85.5	61.9
-17.5°	255.4	211.0	176.7	151.8	135.6	125.5	120.6	116.9	103.6	80.0	59.4
-20°	236.8	194.0	160.3	138.1	124.7	116.5	112.9	109.1	95.3	74.3	55.8



REPORT NUMBER: P558705 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	216.3	179.0	148.7	125.5	113.9	107.2	104.9	101.2	87.3	68.6	52.1
-25°	195.2	163.1	137.4	117.9	104.0	98.6	96.5	93.2	79.6	62.8	48.4
-27.5°	176.0	147.5	125.7	109.9	98.1	89.7	87.6	83.7	72.3	57.1	44.5
-30°	157.3	134.3	115.9	101.9	91.9	84.4	78.5	75.0	65.3	52.0	40.6
-32.5°	142.1	120.9	106.4	94.8	85.9	79.1	71.8	67.0	58.4	47.2	37.0
-35°	130.7	110.8	96.7	87.3	79.9	73.2	66.4	60.0	51.8	42.5	33.5
-37.5°	118.9	102.7	88.3	79.9	73.6	67.0	60.9	54.4	45.5	37.9	30.1
-40°	109.8	95.1	82.3	72.8	66.7	60.6	55.3	48.6	40.0	33.3	26.7
-42.5°	100.4	88.4	76.9	66.2	59.4	54.3	49.6	43.0	35.6	29.2	23.4
-45°	93.0	81.8	71.4	60.7	52.0	48.0	43.7	37.6	31.4	25.5	20.4
-47.5°	85.6	75.5	65.2	54.8	45.5	41.8	38.1	33.1	27.3	22.0	17.7
-50°	78.2	68.5	58.5	49.3	40.7	36.3	32.9	28.8	24.0	19.1	15.2
-52.5°	69.5	60.9	52.1	43.8	36.6	31.1	28.5	24.7	20.8	16.5	12.7
-55°	60.1	53.6	45.7	38.6	32.4	27.2	24.3	21.3	17.6	14.1	10.4
-57.5°	51.8	46.3	39.7	33.5	28.4	23.8	20.6	17.9	14.9	11.7	8.9
-60°	44.1	39.3	33.5	29.0	24.7	20.5	17.2	14.8	12.3	9.5	7.4
-62.5°	37.8	33.0	28.8	24.9	21.0	17.4	14.0	12.1	9.7	7.9	6.0
-65°	32.1	28.2	24.3	20.8	17.4	14.2	11.3	9.4	7.9	6.3	4.8
-67.5°	26.8	22.9	19.7	16.6	13.8	11.2	8.7	7.4	6.2	4.8	3.9
-70°	19.7	16.9	15.0	12.8	10.5	8.3	6.8	5.6	4.5	3.9	3.1
-72.5°	13.6	12.2	10.7	9.0	7.5	6.2	4.9	4.0	3.6	3.0	2.3
-75°	8.8	8.1	7.2	6.2	5.1	4.0	3.6	3.2	2.7	2.2	2.1
-77.5°	5.7	5.0	4.2	3.8	3.4	3.1	2.7	2.3	2.1	2.1	2.1
-80°	3.5	3.2	3.0	2.7	2.4	2.1	2.1	2.1	2.1	2.1	2.1
-82.5°	2.1	2.0	1.9	1.8	1.8	1.8	1.9	2.1	2.1	2.1	1.9
-85°	1.4	1.3	1.2	1.2	1.3	1.6	1.7	1.8	1.6	1.4	1.3
-87.5°	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.9	0.8	0.7	0.6
-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°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
65°	3.7	2.4	2.1	2.1	1.8	0.9	0.0
62.5°	4.5	3.1	2.1	2.1	1.9	1.0	0.0
60°	5.2	3.8	2.1	2.1	2.1	1.0	0.0
57.5°	6.6	4.4	2.6	2.1	2.1	1.1	0.0
55°	8.0	5.1	3.2	2.1	2.1	1.2	0.0
52.5°	9.4	5.9	3.7	2.1	2.1	1.3	0.0
50°	10.9	7.2	4.2	2.1	2.2	1.3	0.0
47.5°	12.5	8.4	4.8	2.2	2.2	1.4	0.0
45°	14.8	9.8	5.3	2.6	2.2	1.5	0.0
42.5°	17.2	11.1	5.8	3.0	2.3	1.5	0.0
40°	19.5	12.4	6.5	3.3	2.3	1.6	0.0
37.5°	21.9	13.7	7.5	3.7	2.3	1.7	0.0
35°	24.3	15.4	8.5	4.0	2.4	1.7	0.0
32.5°	26.9	17.2	9.5	4.2	2.4	1.8	0.0
30°	29.7	19.1	10.4	4.5	2.5	1.8	0.0
27.5°	32.4	20.9	11.0	4.7	2.5	1.9	0.0
25°	35.2	22.7	11.5	4.9	2.6	1.9	0.0
22.5°	37.8	24.1	11.8	5.0	2.6	1.9	0.0
20°	40.5	24.6	12.1	5.1	2.7	2.0	0.0
17.5°	41.8	24.9	12.3	5.2	2.7	2.0	0.0
15°	42.3	25.0	12.4	5.2	2.8	2.0	0.0
12.5°	42.6	25.0	12.4	5.3	2.8	2.1	0.0
10°	42.7	24.8	12.3	5.3	2.9	2.1	0.0
7.5°	42.6	24.5	12.1	5.3	3.0	2.1	0.0
5°	42.3	24.0	11.9	5.2	3.0	2.1	0.0
2.5°	41.8	23.3	11.6	5.2	3.1	2.1	0.0
0°	41.1	22.6	11.3	5.1	3.1	2.1	0.0
-2.5°	41.8	23.3	11.6	5.2	3.1	2.1	0.0
-5°	42.3	24.0	11.9	5.2	3.0	2.1	0.0
-7.5°	42.6	24.5	12.1	5.3	3.0	2.1	0.0
-10°	42.7	24.8	12.3	5.3	2.9	2.1	0.0
-12.5°	42.6	25.0	12.4	5.3	2.8	2.1	0.0
-15°	42.3	25.0	12.4	5.2	2.8	2.0	0.0
-17.5°	41.8	24.9	12.3	5.2	2.7	2.0	0.0
-20°	40.5	24.6	12.1	5.1	2.7	2.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	37.8	24.1	11.8	5.0	2.6	1.9	0.0
-25°	35.2	22.7	11.5	4.9	2.6	1.9	0.0
-27.5°	32.4	20.9	11.0	4.7	2.5	1.9	0.0
-30°	29.7	19.1	10.4	4.5	2.5	1.8	0.0
-32.5°	26.9	17.2	9.5	4.2	2.4	1.8	0.0
-35°	24.3	15.4	8.5	4.0	2.4	1.7	0.0
-37.5°	21.9	13.7	7.5	3.7	2.3	1.7	0.0
-40°	19.5	12.4	6.5	3.3	2.3	1.6	0.0
-42.5°	17.2	11.1	5.8	3.0	2.3	1.5	0.0
-45°	14.8	9.8	5.3	2.6	2.2	1.5	0.0
-47.5°	12.5	8.4	4.8	2.2	2.2	1.4	0.0
-50°	10.9	7.2	4.2	2.1	2.2	1.3	0.0
-52.5°	9.4	5.9	3.7	2.1	2.1	1.3	0.0
-55°	8.0	5.1	3.2	2.1	2.1	1.2	0.0
-57.5°	6.6	4.4	2.6	2.1	2.1	1.1	0.0
-60°	5.2	3.8	2.1	2.1	2.1	1.0	0.0
-62.5°	4.5	3.1	2.1	2.1	1.9	1.0	0.0
-65°	3.7	2.4	2.1	2.1	1.8	0.9	0.0
-67.5°	3.0	2.1	2.1	2.1	1.6	0.8	0.0
-70°	2.2	2.1	2.1	2.1	1.4	0.7	0.0
-72.5°	2.1	2.1	2.1	1.9	1.3	0.6	0.0
-75°	2.1	2.1	2.1	1.6	1.1	0.5	0.0
-77.5°	2.1	2.1	1.8	1.4	0.9	0.5	0.0
-80°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
-82.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-85°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-87.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)