

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: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4B-935-U-TS-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, TIGHT SPOT N2  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

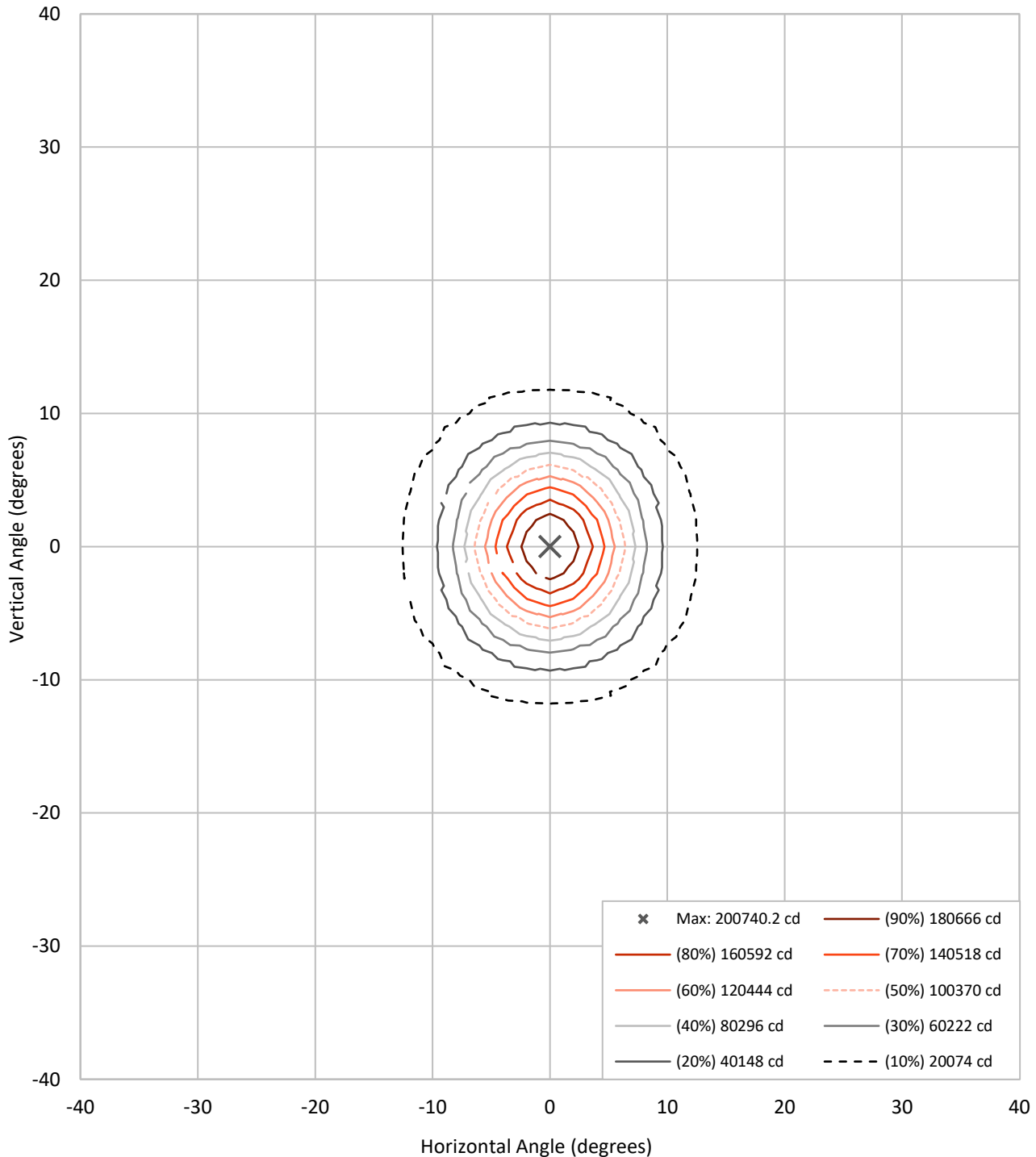
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14551 lumens	Max Intensity:	200740.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	4597.9 lumens	Field Lumens:	10185.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 126  
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





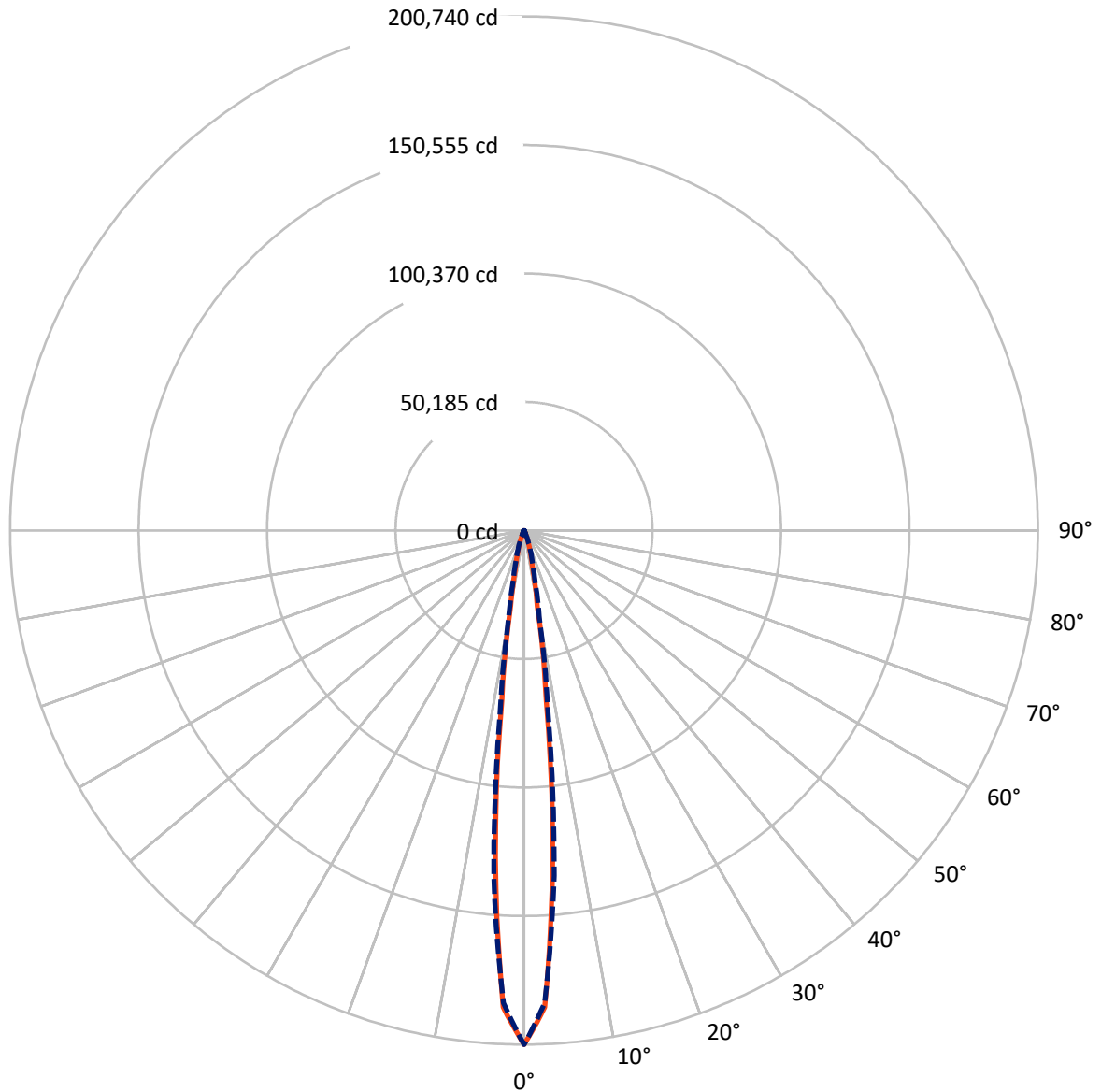
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### Lumen Table

90	0.2	1.7		4.7		7.5		8.7		7.5		4.7		1.7		0.2			
80	0.2	1.7		4.7		7.5		8.7		7.5		4.7		1.7		0.2			
70	0.8	0.9	1.9	3.1	4.3	5.2	6.0	6.3	6.3	6.0	5.2	4.3	3.1	1.9	0.9	0.8			
60		1.4	2.8	4.2	5.5	6.5	7.1	7.4	7.4	7.1	6.5	5.5	4.2	2.8	1.4				
50	1.4	1.8	3.5	4.9	6.2	7.3	8.1	8.5	8.5	8.1	7.3	6.2	4.9	3.5	1.8	1.4			
40		2.2	3.9	5.4	6.9	8.9	11.1	12.5	12.5	11.1	8.9	6.9	5.4	3.9	2.2				
30	1.9	2.4	4.1	5.7	8.1	12.6	27.9	50.8	50.8	27.9	12.6	8.1	5.7	4.1	2.4	1.9			
20		2.5	4.2	6.0	9.6	27.0	152.6	335.7	335.7	152.6	27.0	9.6	6.0	4.2	2.5				
10	2.0	2.6	4.3	6.2	10.6	51.9	366.3	2369.5	2369.5	366.3	51.9	10.6	6.2	4.3	2.6	2.0			
0		2.6	4.3	6.2	10.6	51.9	366.3	2369.5	2369.5	366.3	51.9	10.6	6.2	4.3	2.6				
-10	1.9	2.5	4.2	6.0	9.6	27.0	152.6	335.7	335.7	152.6	27.0	9.6	6.0	4.2	2.5	1.9			
-20		2.4	4.1	5.7	8.1	12.6	27.9	50.8	50.8	27.9	12.6	8.1	5.7	4.1	2.4				
-30	1.4	2.2	3.9	5.4	6.9	8.9	11.1	12.5	12.5	11.1	8.9	6.9	5.4	3.9	2.2	1.4			
-40		1.8	3.5	4.9	6.2	7.3	8.1	8.5	8.5	8.1	7.3	6.2	4.9	3.5	1.8				
-50	0.8	1.4	2.8	4.2	5.5	6.5	7.1	7.4	7.4	7.1	6.5	5.5	4.2	2.8	1.4	0.8			
-60		0.9	1.9	3.1	4.3	5.2	6.0	6.3	6.3	6.0	5.2	4.3	3.1	1.9	0.9				
-70	0.2	1.7		4.7		7.5		8.7		7.5		4.7		1.7		0.2			
-80		1.7		4.7		7.5		8.7		7.5		4.7		1.7					
-90	0.2	1.7		4.7		7.5		8.7		7.5		4.7		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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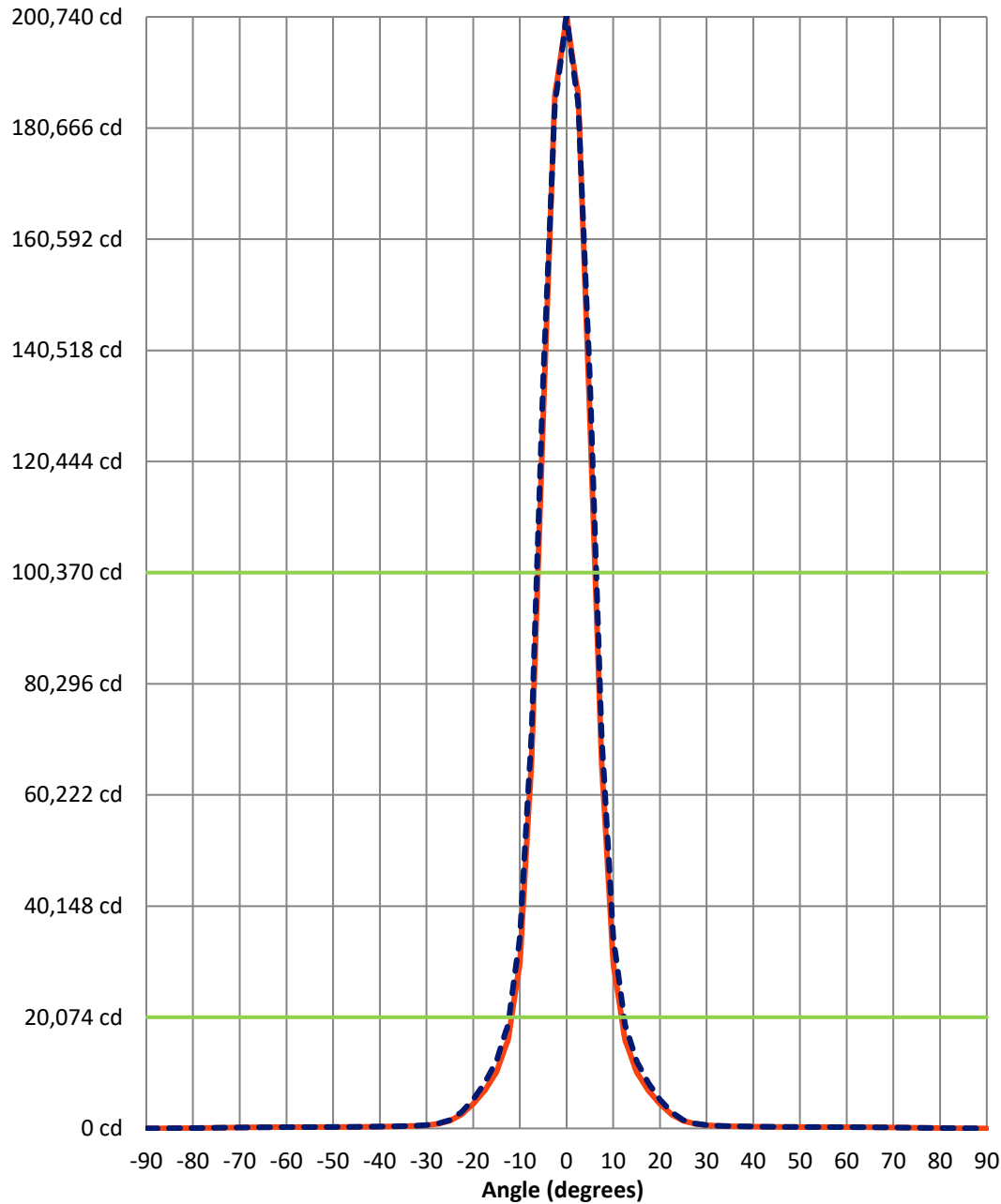
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.7°  
 V Angle: 12.3°  
 Lumens: 4597.9  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 10185.9  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 4365.1  
 Efficiency: 30.0%

— 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	0.5	0.9	1.4	1.8	2.1	2.5	2.9	3.2	3.6	4.0
85°	0.0	0.9	1.9	2.7	3.5	4.3	4.9	5.7	6.5	7.3	8.0
82.5°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	8.5	9.8	11.6	13.4
80°	0.0	1.9	3.7	5.4	7.0	8.5	9.9	12.2	14.6	17.1	19.6
77.5°	0.0	2.3	4.7	6.8	8.8	10.9	13.4	16.3	19.3	22.5	25.8
75°	0.0	2.8	5.6	8.1	10.6	13.7	16.8	20.3	24.1	28.4	32.5
72.5°	0.0	3.2	6.5	9.5	12.9	16.5	20.2	24.5	29.7	34.6	39.2
70°	0.0	3.7	7.4	10.9	15.1	19.3	23.7	29.4	35.2	40.7	48.3
67.5°	0.0	4.1	8.3	12.5	17.3	22.1	27.9	34.3	40.7	49.1	57.8
65°	0.0	4.6	9.1	14.1	19.5	25.2	32.0	39.1	47.8	57.3	67.3
62.5°	0.0	5.0	10.0	15.7	21.6	28.5	36.1	44.7	54.8	65.4	77.0
60°	0.0	5.4	10.8	17.3	23.7	31.8	40.1	50.5	61.5	74.0	86.6
57.5°	0.0	5.8	11.8	18.8	26.2	34.9	44.8	56.1	68.8	82.5	96.3
55°	0.0	6.2	12.8	20.3	28.6	38.0	49.5	61.6	76.1	90.8	106.0
52.5°	0.0	6.6	13.7	21.8	31.0	41.1	54.1	67.8	83.2	99.2	115.3
50°	0.0	6.9	14.6	23.2	33.3	44.8	58.5	73.8	90.1	107.4	124.6
47.5°	0.0	7.3	15.5	24.6	35.5	48.4	62.9	79.7	97.1	115.3	133.6
45°	0.0	7.6	16.4	26.2	37.6	51.8	67.7	85.2	103.9	123.1	142.4
42.5°	0.0	8.0	17.2	27.7	39.6	55.1	72.2	90.8	110.5	130.7	149.9
40°	0.0	8.3	18.0	29.1	41.8	58.2	76.5	96.2	116.8	138.0	157.0
37.5°	0.0	8.6	18.7	30.4	44.1	61.2	80.6	101.4	122.9	144.7	163.7
35°	0.0	8.8	19.4	31.6	46.4	64.3	84.4	106.2	128.6	150.3	169.8
32.5°	0.0	9.1	20.1	32.7	48.5	67.3	88.1	110.8	134.0	155.5	175.0
30°	0.0	9.4	20.7	33.8	50.5	70.1	91.7	115.1	138.9	160.4	179.8
27.5°	0.0	9.6	21.2	34.7	52.3	72.6	95.1	119.1	143.3	164.9	184.2
25°	0.0	9.8	21.8	35.6	53.9	75.0	98.2	122.8	147.0	168.8	188.3
22.5°	0.0	10.0	22.2	36.4	55.4	77.1	101.0	126.1	150.3	172.1	191.4
20°	0.0	10.1	22.7	37.0	56.8	79.1	103.6	129.0	153.2	175.0	194.2
17.5°	0.0	10.3	23.0	37.6	58.0	80.8	105.8	131.6	155.8	177.6	196.7
15°	0.0	10.4	23.4	38.1	59.1	82.3	107.9	133.8	158.1	179.8	198.9
12.5°	0.0	10.5	23.7	38.5	60.1	83.6	109.6	135.6	159.9	181.7	200.8
10°	0.0	10.6	23.9	38.8	60.8	84.6	111.0	137.1	161.4	183.1	202.2
7.5°	0.0	10.7	24.1	39.1	61.4	85.4	112.1	138.2	162.5	184.2	203.3
5°	0.0	10.8	24.2	39.2	61.8	86.0	112.9	138.9	163.2	184.9	203.9
2.5°	0.0	10.8	24.3	39.2	62.1	86.4	113.3	139.2	163.6	185.2	204.2
0°	0.0	10.8	24.3	39.2	62.2	86.5	113.5	139.2	163.5	185.1	204.1
-2.5°	0.0	10.8	24.3	39.2	62.1	86.4	113.3	139.2	163.6	185.2	204.2
-5°	0.0	10.8	24.2	39.2	61.8	86.0	112.9	138.9	163.2	184.9	203.9
-7.5°	0.0	10.7	24.1	39.1	61.4	85.4	112.1	138.2	162.5	184.2	203.3
-10°	0.0	10.6	23.9	38.8	60.8	84.6	111.0	137.1	161.4	183.1	202.2
-12.5°	0.0	10.5	23.7	38.5	60.1	83.6	109.6	135.6	159.9	181.7	200.8
-15°	0.0	10.4	23.4	38.1	59.1	82.3	107.9	133.8	158.1	179.8	198.9
-17.5°	0.0	10.3	23.0	37.6	58.0	80.8	105.8	131.6	155.8	177.6	196.7
-20°	0.0	10.1	22.7	37.0	56.8	79.1	103.6	129.0	153.2	175.0	194.2



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 CATALOG NUMBER: GFLD-SA4B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	10.0	22.2	36.4	55.4	77.1	101.0	126.1	150.3	172.1	191.4
-25°	0.0	9.8	21.8	35.6	53.9	75.0	98.2	122.8	147.0	168.8	188.3
-27.5°	0.0	9.6	21.2	34.7	52.3	72.6	95.1	119.1	143.3	164.9	184.2
-30°	0.0	9.4	20.7	33.8	50.5	70.1	91.7	115.1	138.9	160.4	179.8
-32.5°	0.0	9.1	20.1	32.7	48.5	67.3	88.1	110.8	134.0	155.5	175.0
-35°	0.0	8.8	19.4	31.6	46.4	64.3	84.4	106.2	128.6	150.3	169.8
-37.5°	0.0	8.6	18.7	30.4	44.1	61.2	80.6	101.4	122.9	144.7	163.7
-40°	0.0	8.3	18.0	29.1	41.8	58.2	76.5	96.2	116.8	138.0	157.0
-42.5°	0.0	8.0	17.2	27.7	39.6	55.1	72.2	90.8	110.5	130.7	149.9
-45°	0.0	7.6	16.4	26.2	37.6	51.8	67.7	85.2	103.9	123.1	142.4
-47.5°	0.0	7.3	15.5	24.6	35.5	48.4	62.9	79.7	97.1	115.3	133.6
-50°	0.0	6.9	14.6	23.2	33.3	44.8	58.5	73.8	90.1	107.4	124.6
-52.5°	0.0	6.6	13.7	21.8	31.0	41.1	54.1	67.8	83.2	99.2	115.3
-55°	0.0	6.2	12.8	20.3	28.6	38.0	49.5	61.6	76.1	90.8	106.0
-57.5°	0.0	5.8	11.8	18.8	26.2	34.9	44.8	56.1	68.8	82.5	96.3
-60°	0.0	5.4	10.8	17.3	23.7	31.8	40.1	50.5	61.5	74.0	86.6
-62.5°	0.0	5.0	10.0	15.7	21.6	28.5	36.1	44.7	54.8	65.4	77.0
-65°	0.0	4.6	9.1	14.1	19.5	25.2	32.0	39.1	47.8	57.3	67.3
-67.5°	0.0	4.1	8.3	12.5	17.3	22.1	27.9	34.3	40.7	49.1	57.8
-70°	0.0	3.7	7.4	10.9	15.1	19.3	23.7	29.4	35.2	40.7	48.3
-72.5°	0.0	3.2	6.5	9.5	12.9	16.5	20.2	24.5	29.7	34.6	39.2
-75°	0.0	2.8	5.6	8.1	10.6	13.7	16.8	20.3	24.1	28.4	32.5
-77.5°	0.0	2.3	4.7	6.8	8.8	10.9	13.4	16.3	19.3	22.5	25.8
-80°	0.0	1.9	3.7	5.4	7.0	8.5	9.9	12.2	14.6	17.1	19.6
-82.5°	0.0	1.4	2.8	4.1	5.3	6.4	7.4	8.5	9.8	11.6	13.4
-85°	0.0	0.9	1.9	2.7	3.5	4.3	4.9	5.7	6.5	7.3	8.0
-87.5°	0.0	0.5	0.9	1.4	1.8	2.1	2.5	2.9	3.2	3.6	4.0
-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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.5
85°	8.8	9.5	10.4	11.3	12.1	12.8	13.4	14.0	14.8	15.6	16.4
82.5°	14.9	16.2	17.3	18.2	19.2	20.1	21.1	22.7	24.8	26.7	28.5
80°	21.4	22.9	25.1	27.5	30.0	32.4	34.7	36.9	39.3	42.0	44.7
77.5°	28.8	31.8	35.2	38.9	42.4	46.4	50.5	54.6	58.4	61.7	64.6
75°	36.4	40.6	46.2	51.9	57.2	62.5	67.8	73.1	77.6	81.8	86.1
72.5°	45.4	52.2	58.9	65.4	72.2	78.8	85.1	90.9	96.7	102.5	108.0
70°	56.1	63.9	71.9	80.0	88.0	95.3	102.6	109.9	117.1	123.6	129.4
67.5°	66.8	76.0	85.3	94.5	103.2	111.6	120.1	128.6	136.6	143.5	149.5
65°	77.8	88.1	98.4	108.4	117.9	127.8	137.4	146.7	154.3	160.6	166.6
62.5°	88.5	100.2	111.5	122.4	133.2	143.9	153.2	161.5	169.3	176.1	182.7
60°	99.5	112.2	124.4	136.4	147.8	157.6	167.1	175.4	183.3	190.8	196.3
57.5°	110.4	124.0	137.3	149.6	160.5	170.6	179.7	188.5	195.3	201.3	207.4
55°	121.0	135.6	149.3	161.4	172.4	182.2	191.4	198.7	205.5	211.1	217.1
52.5°	131.4	146.7	160.2	172.4	183.1	192.7	200.8	208.1	214.4	220.2	225.0
50°	141.6	156.6	170.6	182.2	192.8	201.8	209.4	216.4	222.5	227.8	232.2
47.5°	150.6	166.1	179.3	191.3	201.3	209.8	217.2	223.9	230.0	234.6	239.0
45°	159.1	174.4	187.8	199.1	209.0	217.0	224.1	231.1	236.1	240.7	244.1
42.5°	167.2	182.0	195.1	206.8	215.5	223.3	230.5	236.4	241.7	245.8	249.4
40°	174.1	189.3	201.9	212.5	221.4	228.8	235.5	241.5	246.7	250.7	254.5
37.5°	180.6	195.3	208.0	218.0	226.3	233.6	240.2	245.8	250.9	255.1	260.4
35°	186.8	201.0	212.8	222.5	230.6	237.8	244.1	249.9	254.8	260.6	266.8
32.5°	192.2	206.4	217.3	226.1	234.1	241.5	247.8	253.6	259.4	266.0	273.5
30°	196.7	210.4	221.2	229.4	237.4	244.4	251.2	257.5	263.8	271.6	281.5
27.5°	200.7	214.0	224.0	232.3	240.3	246.9	254.0	261.1	268.5	277.7	290.1
25°	204.6	217.3	226.5	234.9	242.4	249.3	256.6	263.9	273.1	285.2	301.5
22.5°	207.7	220.3	228.7	237.3	244.2	251.4	258.9	267.0	277.5	292.2	313.5
20°	210.2	222.2	230.5	239.1	245.6	253.3	260.9	269.8	282.3	301.4	326.1
17.5°	212.4	223.7	232.1	240.2	247.1	254.9	262.7	271.9	286.3	310.1	337.7
15°	214.4	225.0	233.4	241.0	248.3	256.1	264.4	274.9	291.5	318.4	348.2
12.5°	216.2	226.1	234.3	241.7	249.2	256.9	265.7	277.4	297.2	326.1	358.5
10°	217.6	226.9	235.0	242.2	249.9	257.4	266.7	279.1	301.2	330.5	364.7
7.5°	218.5	227.5	235.5	242.4	250.4	257.5	267.5	279.9	303.7	332.8	368.0
5°	219.0	228.0	236.1	242.9	250.9	257.8	268.2	280.0	304.7	333.3	369.3
2.5°	219.1	228.3	236.4	243.2	251.3	258.8	269.4	281.5	305.6	334.9	370.1
0°	218.9	228.4	236.5	243.3	251.4	259.5	270.3	282.4	305.4	336.5	370.3
-2.5°	219.1	228.3	236.4	243.2	251.3	258.8	269.4	281.5	305.6	334.9	370.1
-5°	219.0	228.0	236.1	242.9	250.9	257.8	268.2	280.0	304.7	333.3	369.3
-7.5°	218.5	227.5	235.5	242.4	250.4	257.5	267.5	279.9	303.7	332.8	368.0
-10°	217.6	226.9	235.0	242.2	249.9	257.4	266.7	279.1	301.2	330.5	364.7
-12.5°	216.2	226.1	234.3	241.7	249.2	256.9	265.7	277.4	297.2	326.1	358.5
-15°	214.4	225.0	233.4	241.0	248.3	256.1	264.4	274.9	291.5	318.4	348.2
-17.5°	212.4	223.7	232.1	240.2	247.1	254.9	262.7	271.9	286.3	310.1	337.7
-20°	210.2	222.2	230.5	239.1	245.6	253.3	260.9	269.8	282.3	301.4	326.1



REPORT NUMBER: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	207.7	220.3	228.7	237.3	244.2	251.4	258.9	267.0	277.5	292.2	313.5
-25°	204.6	217.3	226.5	234.9	242.4	249.3	256.6	263.9	273.1	285.2	301.5
-27.5°	200.7	214.0	224.0	232.3	240.3	246.9	254.0	261.1	268.5	277.7	290.1
-30°	196.7	210.4	221.2	229.4	237.4	244.4	251.2	257.5	263.8	271.6	281.5
-32.5°	192.2	206.4	217.3	226.1	234.1	241.5	247.8	253.6	259.4	266.0	273.5
-35°	186.8	201.0	212.8	222.5	230.6	237.8	244.1	249.9	254.8	260.6	266.8
-37.5°	180.6	195.3	208.0	218.0	226.3	233.6	240.2	245.8	250.9	255.1	260.4
-40°	174.1	189.3	201.9	212.5	221.4	228.8	235.5	241.5	246.7	250.7	254.5
-42.5°	167.2	182.0	195.1	206.8	215.5	223.3	230.5	236.4	241.7	245.8	249.4
-45°	159.1	174.4	187.8	199.1	209.0	217.0	224.1	231.1	236.1	240.7	244.1
-47.5°	150.6	166.1	179.3	191.3	201.3	209.8	217.2	223.9	230.0	234.6	239.0
-50°	141.6	156.6	170.6	182.2	192.8	201.8	209.4	216.4	222.5	227.8	232.2
-52.5°	131.4	146.7	160.2	172.4	183.1	192.7	200.8	208.1	214.4	220.2	225.0
-55°	121.0	135.6	149.3	161.4	172.4	182.2	191.4	198.7	205.5	211.1	217.1
-57.5°	110.4	124.0	137.3	149.6	160.5	170.6	179.7	188.5	195.3	201.3	207.4
-60°	99.5	112.2	124.4	136.4	147.8	157.6	167.1	175.4	183.3	190.8	196.3
-62.5°	88.5	100.2	111.5	122.4	133.2	143.9	153.2	161.5	169.3	176.1	182.7
-65°	77.8	88.1	98.4	108.4	117.9	127.8	137.4	146.7	154.3	160.6	166.6
-67.5°	66.8	76.0	85.3	94.5	103.2	111.6	120.1	128.6	136.6	143.5	149.5
-70°	56.1	63.9	71.9	80.0	88.0	95.3	102.6	109.9	117.1	123.6	129.4
-72.5°	45.4	52.2	58.9	65.4	72.2	78.8	85.1	90.9	96.7	102.5	108.0
-75°	36.4	40.6	46.2	51.9	57.2	62.5	67.8	73.1	77.6	81.8	86.1
-77.5°	28.8	31.8	35.2	38.9	42.4	46.4	50.5	54.6	58.4	61.7	64.6
-80°	21.4	22.9	25.1	27.5	30.0	32.4	34.7	36.9	39.3	42.0	44.7
-82.5°	14.9	16.2	17.3	18.2	19.2	20.1	21.1	22.7	24.8	26.7	28.5
-85°	8.8	9.5	10.4	11.3	12.1	12.8	13.4	14.0	14.8	15.6	16.4
-87.5°	4.4	4.7	5.1	5.4	5.8	6.1	6.4	6.7	7.0	7.3	7.5
-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: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-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°	7.8	7.7	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.9	8.0
85°	17.2	17.9	18.7	19.4	20.2	20.7	21.2	21.6	22.0	22.3	22.5
82.5°	30.2	31.7	33.1	34.4	35.5	36.5	37.3	38.1	38.7	39.2	39.7
80°	47.1	49.5	51.7	53.8	55.7	57.2	58.5	59.5	60.4	61.3	62.1
77.5°	67.5	70.7	73.8	76.6	79.1	81.2	83.0	84.6	85.9	87.5	89.0
75°	90.3	94.2	97.8	101.1	104.1	106.8	109.2	111.3	113.0	114.8	116.3
72.5°	113.2	117.9	122.1	125.6	128.8	131.9	134.9	137.7	140.3	142.2	143.7
70°	134.8	139.6	144.1	148.1	151.8	155.6	159.5	163.1	166.4	168.6	169.8
67.5°	154.6	159.5	164.6	169.5	173.9	177.9	181.9	185.4	188.7	190.9	192.2
65°	172.5	177.9	183.3	188.4	193.0	196.5	200.1	203.5	206.6	209.2	211.0
62.5°	189.1	194.5	199.1	203.4	207.4	210.9	214.3	217.4	220.2	222.6	224.8
60°	201.9	207.4	211.8	215.8	219.5	223.0	225.7	228.1	229.9	231.4	232.8
57.5°	212.8	218.1	222.6	225.9	229.2	232.5	234.8	236.3	237.4	238.2	238.8
55°	222.3	226.5	230.3	233.9	237.1	240.0	242.1	243.0	243.6	244.0	244.3
52.5°	229.8	233.9	237.8	241.2	243.8	246.2	248.3	248.9	249.2	249.3	249.4
50°	236.8	240.8	243.8	246.8	249.4	251.6	253.4	254.2	254.7	254.7	254.5
47.5°	242.4	245.8	249.2	252.2	254.9	257.4	259.4	260.5	261.4	261.7	261.7
45°	247.3	251.4	254.9	258.5	261.5	264.8	267.5	269.4	271.3	272.6	273.2
42.5°	253.1	257.2	261.2	266.0	270.4	274.6	279.2	283.2	287.4	291.9	295.0
40°	259.0	263.4	269.5	275.3	281.8	287.7	297.4	307.0	314.4	320.7	326.3
37.5°	265.7	272.1	279.5	286.9	297.6	308.7	320.9	332.9	343.3	352.7	360.3
35°	273.5	282.1	291.1	304.4	318.0	331.7	346.2	362.1	375.6	385.5	392.6
32.5°	283.0	293.7	308.2	325.3	342.0	359.6	377.2	395.0	408.2	422.0	435.8
30°	293.5	309.0	327.7	348.5	369.3	390.4	412.5	437.1	460.5	485.6	521.6
27.5°	306.9	325.9	347.8	372.4	397.4	422.5	461.1	503.4	566.1	616.1	701.1
25°	321.2	343.4	369.6	398.0	428.6	473.7	544.2	627.6	775.3	889.9	1063.6
22.5°	337.2	363.3	392.3	424.9	474.2	559.2	679.9	893.9	1191.8	1485.9	1813.1
20°	353.0	381.8	413.5	462.9	546.8	681.2	942.5	1405.3	1922.2	2658.1	3275.8
17.5°	367.9	398.5	438.8	505.6	631.2	901.5	1407.5	2200.3	3279.9	4466.2	5455.4
15°	381.0	412.3	466.5	572.4	784.5	1205.6	1969.7	3318.8	5132.7	6757.0	8205.7
12.5°	392.0	429.2	496.6	626.3	917.6	1540.9	2766.5	4682.3	6897.4	9175.3	11008.7
10°	400.1	447.1	536.8	726.0	1129.1	1940.0	3430.7	5847.3	8514.4	11283.1	14597.3
7.5°	405.0	459.9	567.2	800.0	1317.8	2384.4	4263.9	6887.5	9950.3	13729.8	18793.6
5°	408.5	468.6	589.8	855.7	1443.8	2678.2	4790.0	7675.6	11189.2	16654.1	27075.7
2.5°	410.2	472.4	602.6	886.3	1501.2	2829.2	5160.2	8126.8	11943.0	18717.0	32813.1
0°	409.5	470.3	604.1	893.3	1509.5	2944.7	5221.8	8255.7	12197.7	18902.0	34652.5
-2.5°	410.2	472.4	602.6	886.3	1501.2	2829.2	5160.2	8126.8	11943.0	18717.0	32813.1
-5°	408.5	468.6	589.8	855.7	1443.8	2678.2	4790.0	7675.6	11189.2	16654.1	27075.7
-7.5°	405.0	459.9	567.2	800.0	1317.8	2384.4	4263.9	6887.5	9950.3	13729.8	18793.6
-10°	400.1	447.1	536.8	726.0	1129.1	1940.0	3430.7	5847.3	8514.4	11283.1	14597.3
-12.5°	392.0	429.2	496.6	626.3	917.6	1540.9	2766.5	4682.3	6897.4	9175.3	11008.7
-15°	381.0	412.3	466.5	572.4	784.5	1205.6	1969.7	3318.8	5132.7	6757.0	8205.7
-17.5°	367.9	398.5	438.8	505.6	631.2	901.5	1407.5	2200.3	3279.9	4466.2	5455.4
-20°	353.0	381.8	413.5	462.9	546.8	681.2	942.5	1405.3	1922.2	2658.1	3275.8



REPORT NUMBER: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	337.2	363.3	392.3	424.9	474.2	559.2	679.9	893.9	1191.8	1485.9	1813.1
-25°	321.2	343.4	369.6	398.0	428.6	473.7	544.2	627.6	775.3	889.9	1063.6
-27.5°	306.9	325.9	347.8	372.4	397.4	422.5	461.1	503.4	566.1	616.1	701.1
-30°	293.5	309.0	327.7	348.5	369.3	390.4	412.5	437.1	460.5	485.6	521.6
-32.5°	283.0	293.7	308.2	325.3	342.0	359.6	377.2	395.0	408.2	422.0	435.8
-35°	273.5	282.1	291.1	304.4	318.0	331.7	346.2	362.1	375.6	385.5	392.6
-37.5°	265.7	272.1	279.5	286.9	297.6	308.7	320.9	332.9	343.3	352.7	360.3
-40°	259.0	263.4	269.5	275.3	281.8	287.7	297.4	307.0	314.4	320.7	326.3
-42.5°	253.1	257.2	261.2	266.0	270.4	274.6	279.2	283.2	287.4	291.9	295.0
-45°	247.3	251.4	254.9	258.5	261.5	264.8	267.5	269.4	271.3	272.6	273.2
-47.5°	242.4	245.8	249.2	252.2	254.9	257.4	259.4	260.5	261.4	261.7	261.7
-50°	236.8	240.8	243.8	246.8	249.4	251.6	253.4	254.2	254.7	254.7	254.5
-52.5°	229.8	233.9	237.8	241.2	243.8	246.2	248.3	248.9	249.2	249.3	249.4
-55°	222.3	226.5	230.3	233.9	237.1	240.0	242.1	243.0	243.6	244.0	244.3
-57.5°	212.8	218.1	222.6	225.9	229.2	232.5	234.8	236.3	237.4	238.2	238.8
-60°	201.9	207.4	211.8	215.8	219.5	223.0	225.7	228.1	229.9	231.4	232.8
-62.5°	189.1	194.5	199.1	203.4	207.4	210.9	214.3	217.4	220.2	222.6	224.8
-65°	172.5	177.9	183.3	188.4	193.0	196.5	200.1	203.5	206.6	209.2	211.0
-67.5°	154.6	159.5	164.6	169.5	173.9	177.9	181.9	185.4	188.7	190.9	192.2
-70°	134.8	139.6	144.1	148.1	151.8	155.6	159.5	163.1	166.4	168.6	169.8
-72.5°	113.2	117.9	122.1	125.6	128.8	131.9	134.9	137.7	140.3	142.2	143.7
-75°	90.3	94.2	97.8	101.1	104.1	106.8	109.2	111.3	113.0	114.8	116.3
-77.5°	67.5	70.7	73.8	76.6	79.1	81.2	83.0	84.6	85.9	87.5	89.0
-80°	47.1	49.5	51.7	53.8	55.7	57.2	58.5	59.5	60.4	61.3	62.1
-82.5°	30.2	31.7	33.1	34.4	35.5	36.5	37.3	38.1	38.7	39.2	39.7
-85°	17.2	17.9	18.7	19.4	20.2	20.7	21.2	21.6	22.0	22.3	22.5
-87.5°	7.8	7.7	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.9	8.0
-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: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-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°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
85°	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.0	21.6
82.5°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.7	39.2	38.7	38.1
80°	62.7	63.1	63.4	63.5	63.4	63.1	62.7	62.1	61.3	60.4	59.5
77.5°	90.3	91.3	91.8	91.9	91.8	91.3	90.3	89.0	87.5	85.9	84.6
75°	117.5	118.3	118.7	118.9	118.7	118.3	117.5	116.3	114.8	113.0	111.3
72.5°	144.7	145.3	146.4	147.3	146.4	145.3	144.7	143.7	142.2	140.3	137.7
70°	170.5	170.9	172.1	173.0	172.1	170.9	170.5	169.8	168.6	166.4	163.1
67.5°	193.2	193.8	193.8	193.2	193.8	193.8	193.2	192.2	190.9	188.7	185.4
65°	212.7	214.0	214.1	213.5	214.1	214.0	212.7	211.0	209.2	206.6	203.5
62.5°	226.9	228.8	229.5	229.7	229.5	228.8	226.9	224.8	222.6	220.2	217.4
60°	233.9	234.7	235.0	235.1	235.0	234.7	233.9	232.8	231.4	229.9	228.1
57.5°	239.1	239.1	239.1	239.2	239.1	239.1	239.1	238.8	238.2	237.4	236.3
55°	244.4	244.4	244.0	243.3	244.0	244.4	244.4	244.3	244.0	243.6	243.0
52.5°	249.2	248.8	248.1	247.3	248.1	248.8	249.2	249.4	249.3	249.2	248.9
50°	253.9	253.0	252.6	252.7	252.6	253.0	253.9	254.5	254.7	254.7	254.2
47.5°	261.5	260.9	260.6	260.8	260.6	260.9	261.5	261.7	261.7	261.4	260.5
45°	273.5	273.0	272.7	273.0	272.7	273.0	273.5	273.2	272.6	271.3	269.4
42.5°	296.7	296.9	296.7	297.3	296.7	296.9	296.7	295.0	291.9	287.4	283.2
40°	328.6	328.4	327.3	327.0	327.3	328.4	328.6	326.3	320.7	314.4	307.0
37.5°	363.4	363.4	362.3	362.2	362.3	363.4	363.4	360.3	352.7	343.3	332.9
35°	396.3	397.5	397.3	396.0	397.3	397.5	396.3	392.6	385.5	375.6	362.1
32.5°	445.6	453.2	457.1	455.4	457.1	453.2	445.6	435.8	422.0	408.2	395.0
30°	544.2	563.7	573.9	578.4	573.9	563.7	544.2	521.6	485.6	460.5	437.1
27.5°	761.9	804.9	824.2	831.1	824.2	804.9	761.9	701.1	616.1	566.1	503.4
25°	1215.4	1312.5	1360.3	1375.7	1360.3	1312.5	1215.4	1063.6	889.9	775.3	627.6
22.5°	2173.4	2360.2	2488.0	2516.3	2488.0	2360.2	2173.4	1813.1	1485.9	1191.8	893.9
20°	3896.9	4258.2	4454.3	4436.6	4454.3	4258.2	3896.9	3275.8	2658.1	1922.2	1405.3
17.5°	6296.4	6759.7	6980.3	6877.2	6980.3	6759.7	6296.4	5455.4	4466.2	3279.9	2200.3
15°	9230.3	9856.3	10129.4	10213.8	10129.4	9856.3	9230.3	8205.7	6757.0	5132.7	3318.8
12.5°	12838.9	14891.2	15872.7	16135.7	15872.7	14891.2	12838.9	11008.7	9175.3	6897.4	4682.3
10°	17987.4	24886.1	28989.5	29991.5	28989.5	24886.1	17987.4	14597.3	11283.1	8514.4	5847.3
7.5°	29374.9	43393.7	59098.0	66534.6	59098.0	43393.7	29374.9	18793.6	13729.8	9950.3	6887.5
5°	44796.7	77748.3	114108.4	128362.2	114108.4	77748.3	44796.7	27075.7	16654.1	11189.2	7675.6
2.5°	63544.5	117394.0	167634.8	186363.4	167634.8	117394.0	63544.5	32813.1	18717.0	11943.0	8126.8
0°	71465.2	135342.2	184697.2	200740.2	184697.2	135342.2	71465.2	34652.5	18902.0	12197.7	8255.7
-2.5°	63544.5	117394.0	167634.8	186363.4	167634.8	117394.0	63544.5	32813.1	18717.0	11943.0	8126.8
-5°	44796.7	77748.3	114108.4	128362.2	114108.4	77748.3	44796.7	27075.7	16654.1	11189.2	7675.6
-7.5°	29374.9	43393.7	59098.0	66534.6	59098.0	43393.7	29374.9	18793.6	13729.8	9950.3	6887.5
-10°	17987.4	24886.1	28989.5	29991.5	28989.5	24886.1	17987.4	14597.3	11283.1	8514.4	5847.3
-12.5°	12838.9	14891.2	15872.7	16135.7	15872.7	14891.2	12838.9	11008.7	9175.3	6897.4	4682.3
-15°	9230.3	9856.3	10129.4	10213.8	10129.4	9856.3	9230.3	8205.7	6757.0	5132.7	3318.8
-17.5°	6296.4	6759.7	6980.3	6877.2	6980.3	6759.7	6296.4	5455.4	4466.2	3279.9	2200.3
-20°	3896.9	4258.2	4454.3	4436.6	4454.3	4258.2	3896.9	3275.8	2658.1	1922.2	1405.3



REPORT NUMBER: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2173.4	2360.2	2488.0	2516.3	2488.0	2360.2	2173.4	1813.1	1485.9	1191.8	893.9
-25°	1215.4	1312.5	1360.3	1375.7	1360.3	1312.5	1215.4	1063.6	889.9	775.3	627.6
-27.5°	761.9	804.9	824.2	831.1	824.2	804.9	761.9	701.1	616.1	566.1	503.4
-30°	544.2	563.7	573.9	578.4	573.9	563.7	544.2	521.6	485.6	460.5	437.1
-32.5°	445.6	453.2	457.1	455.4	457.1	453.2	445.6	435.8	422.0	408.2	395.0
-35°	396.3	397.5	397.3	396.0	397.3	397.5	396.3	392.6	385.5	375.6	362.1
-37.5°	363.4	363.4	362.3	362.2	362.3	363.4	363.4	360.3	352.7	343.3	332.9
-40°	328.6	328.4	327.3	327.0	327.3	328.4	328.6	326.3	320.7	314.4	307.0
-42.5°	296.7	296.9	296.7	297.3	296.7	296.9	296.7	295.0	291.9	287.4	283.2
-45°	273.5	273.0	272.7	273.0	272.7	273.0	273.5	273.2	272.6	271.3	269.4
-47.5°	261.5	260.9	260.6	260.8	260.6	260.9	261.5	261.7	261.7	261.4	260.5
-50°	253.9	253.0	252.6	252.7	252.6	253.0	253.9	254.5	254.7	254.7	254.2
-52.5°	249.2	248.8	248.1	247.3	248.1	248.8	249.2	249.4	249.3	249.2	248.9
-55°	244.4	244.4	244.0	243.3	244.0	244.4	244.4	244.3	244.0	243.6	243.0
-57.5°	239.1	239.1	239.1	239.2	239.1	239.1	239.1	238.8	238.2	237.4	236.3
-60°	233.9	234.7	235.0	235.1	235.0	234.7	233.9	232.8	231.4	229.9	228.1
-62.5°	226.9	228.8	229.5	229.7	229.5	228.8	226.9	224.8	222.6	220.2	217.4
-65°	212.7	214.0	214.1	213.5	214.1	214.0	212.7	211.0	209.2	206.6	203.5
-67.5°	193.2	193.8	193.8	193.2	193.8	193.8	193.2	192.2	190.9	188.7	185.4
-70°	170.5	170.9	172.1	173.0	172.1	170.9	170.5	169.8	168.6	166.4	163.1
-72.5°	144.7	145.3	146.4	147.3	146.4	145.3	144.7	143.7	142.2	140.3	137.7
-75°	117.5	118.3	118.7	118.9	118.7	118.3	117.5	116.3	114.8	113.0	111.3
-77.5°	90.3	91.3	91.8	91.9	91.8	91.3	90.3	89.0	87.5	85.9	84.6
-80°	62.7	63.1	63.4	63.5	63.4	63.1	62.7	62.1	61.3	60.4	59.5
-82.5°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.7	39.2	38.7	38.1
-85°	22.7	22.9	23.0	23.0	23.0	22.9	22.7	22.5	22.3	22.0	21.6
-87.5°	8.0	8.1	8.1	8.1	8.1	8.1	8.0	8.0	7.9	7.8	7.7
-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: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-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°	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.5	7.3	7.0	6.7
85°	21.2	20.7	20.2	19.4	18.7	17.9	17.2	16.4	15.6	14.8	14.0
82.5°	37.3	36.5	35.5	34.4	33.1	31.7	30.2	28.5	26.7	24.8	22.7
80°	58.5	57.2	55.7	53.8	51.7	49.5	47.1	44.7	42.0	39.3	36.9
77.5°	83.0	81.2	79.1	76.6	73.8	70.7	67.5	64.6	61.7	58.4	54.6
75°	109.2	106.8	104.1	101.1	97.8	94.2	90.3	86.1	81.8	77.6	73.1
72.5°	134.9	131.9	128.8	125.6	122.1	117.9	113.2	108.0	102.5	96.7	90.9
70°	159.5	155.6	151.8	148.1	144.1	139.6	134.8	129.4	123.6	117.1	109.9
67.5°	181.9	177.9	173.9	169.5	164.6	159.5	154.6	149.5	143.5	136.6	128.6
65°	200.1	196.5	193.0	188.4	183.3	177.9	172.5	166.6	160.6	154.3	146.7
62.5°	214.3	210.9	207.4	203.4	199.1	194.5	189.1	182.7	176.1	169.3	161.5
60°	225.7	223.0	219.5	215.8	211.8	207.4	201.9	196.3	190.8	183.3	175.4
57.5°	234.8	232.5	229.2	225.9	222.6	218.1	212.8	207.4	201.3	195.3	188.5
55°	242.1	240.0	237.1	233.9	230.3	226.5	222.3	217.1	211.1	205.5	198.7
52.5°	248.3	246.2	243.8	241.2	237.8	233.9	229.8	225.0	220.2	214.4	208.1
50°	253.4	251.6	249.4	246.8	243.8	240.8	236.8	232.2	227.8	222.5	216.4
47.5°	259.4	257.4	254.9	252.2	249.2	245.8	242.4	239.0	234.6	230.0	223.9
45°	267.5	264.8	261.5	258.5	254.9	251.4	247.3	244.1	240.7	236.1	231.1
42.5°	279.2	274.6	270.4	266.0	261.2	257.2	253.1	249.4	245.8	241.7	236.4
40°	297.4	287.7	281.8	275.3	269.5	263.4	259.0	254.5	250.7	246.7	241.5
37.5°	320.9	308.7	297.6	286.9	279.5	272.1	265.7	260.4	255.1	250.9	245.8
35°	346.2	331.7	318.0	304.4	291.1	282.1	273.5	266.8	260.6	254.8	249.9
32.5°	377.2	359.6	342.0	325.3	308.2	293.7	283.0	273.5	266.0	259.4	253.6
30°	412.5	390.4	369.3	348.5	327.7	309.0	293.5	281.5	271.6	263.8	257.5
27.5°	461.1	422.5	397.4	372.4	347.8	325.9	306.9	290.1	277.7	268.5	261.1
25°	544.2	473.7	428.6	398.0	369.6	343.4	321.2	301.5	285.2	273.1	263.9
22.5°	679.9	559.2	474.2	424.9	392.3	363.3	337.2	313.5	292.2	277.5	267.0
20°	942.5	681.2	546.8	462.9	413.5	381.8	353.0	326.1	301.4	282.3	269.8
17.5°	1407.5	901.5	631.2	505.6	438.8	398.5	367.9	337.7	310.1	286.3	271.9
15°	1969.7	1205.6	784.5	572.4	466.5	412.3	381.0	348.2	318.4	291.5	274.9
12.5°	2766.5	1540.9	917.6	626.3	496.6	429.2	392.0	358.5	326.1	297.2	277.4
10°	3430.7	1940.0	1129.1	726.0	536.8	447.1	400.1	364.7	330.5	301.2	279.1
7.5°	4263.9	2384.4	1317.8	800.0	567.2	459.9	405.0	368.0	332.8	303.7	279.9
5°	4790.0	2678.2	1443.8	855.7	589.8	468.6	408.5	369.3	333.3	304.7	280.0
2.5°	5160.2	2829.2	1501.2	886.3	602.6	472.4	410.2	370.1	334.9	305.6	281.5
0°	5221.8	2944.7	1509.5	893.3	604.1	470.3	409.5	370.3	336.5	305.4	282.4
-2.5°	5160.2	2829.2	1501.2	886.3	602.6	472.4	410.2	370.1	334.9	305.6	281.5
-5°	4790.0	2678.2	1443.8	855.7	589.8	468.6	408.5	369.3	333.3	304.7	280.0
-7.5°	4263.9	2384.4	1317.8	800.0	567.2	459.9	405.0	368.0	332.8	303.7	279.9
-10°	3430.7	1940.0	1129.1	726.0	536.8	447.1	400.1	364.7	330.5	301.2	279.1
-12.5°	2766.5	1540.9	917.6	626.3	496.6	429.2	392.0	358.5	326.1	297.2	277.4
-15°	1969.7	1205.6	784.5	572.4	466.5	412.3	381.0	348.2	318.4	291.5	274.9
-17.5°	1407.5	901.5	631.2	505.6	438.8	398.5	367.9	337.7	310.1	286.3	271.9
-20°	942.5	681.2	546.8	462.9	413.5	381.8	353.0	326.1	301.4	282.3	269.8



REPORT NUMBER: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	679.9	559.2	474.2	424.9	392.3	363.3	337.2	313.5	292.2	277.5	267.0
-25°	544.2	473.7	428.6	398.0	369.6	343.4	321.2	301.5	285.2	273.1	263.9
-27.5°	461.1	422.5	397.4	372.4	347.8	325.9	306.9	290.1	277.7	268.5	261.1
-30°	412.5	390.4	369.3	348.5	327.7	309.0	293.5	281.5	271.6	263.8	257.5
-32.5°	377.2	359.6	342.0	325.3	308.2	293.7	283.0	273.5	266.0	259.4	253.6
-35°	346.2	331.7	318.0	304.4	291.1	282.1	273.5	266.8	260.6	254.8	249.9
-37.5°	320.9	308.7	297.6	286.9	279.5	272.1	265.7	260.4	255.1	250.9	245.8
-40°	297.4	287.7	281.8	275.3	269.5	263.4	259.0	254.5	250.7	246.7	241.5
-42.5°	279.2	274.6	270.4	266.0	261.2	257.2	253.1	249.4	245.8	241.7	236.4
-45°	267.5	264.8	261.5	258.5	254.9	251.4	247.3	244.1	240.7	236.1	231.1
-47.5°	259.4	257.4	254.9	252.2	249.2	245.8	242.4	239.0	234.6	230.0	223.9
-50°	253.4	251.6	249.4	246.8	243.8	240.8	236.8	232.2	227.8	222.5	216.4
-52.5°	248.3	246.2	243.8	241.2	237.8	233.9	229.8	225.0	220.2	214.4	208.1
-55°	242.1	240.0	237.1	233.9	230.3	226.5	222.3	217.1	211.1	205.5	198.7
-57.5°	234.8	232.5	229.2	225.9	222.6	218.1	212.8	207.4	201.3	195.3	188.5
-60°	225.7	223.0	219.5	215.8	211.8	207.4	201.9	196.3	190.8	183.3	175.4
-62.5°	214.3	210.9	207.4	203.4	199.1	194.5	189.1	182.7	176.1	169.3	161.5
-65°	200.1	196.5	193.0	188.4	183.3	177.9	172.5	166.6	160.6	154.3	146.7
-67.5°	181.9	177.9	173.9	169.5	164.6	159.5	154.6	149.5	143.5	136.6	128.6
-70°	159.5	155.6	151.8	148.1	144.1	139.6	134.8	129.4	123.6	117.1	109.9
-72.5°	134.9	131.9	128.8	125.6	122.1	117.9	113.2	108.0	102.5	96.7	90.9
-75°	109.2	106.8	104.1	101.1	97.8	94.2	90.3	86.1	81.8	77.6	73.1
-77.5°	83.0	81.2	79.1	76.6	73.8	70.7	67.5	64.6	61.7	58.4	54.6
-80°	58.5	57.2	55.7	53.8	51.7	49.5	47.1	44.7	42.0	39.3	36.9
-82.5°	37.3	36.5	35.5	34.4	33.1	31.7	30.2	28.5	26.7	24.8	22.7
-85°	21.2	20.7	20.2	19.4	18.7	17.9	17.2	16.4	15.6	14.8	14.0
-87.5°	7.6	7.5	7.3	7.5	7.6	7.7	7.8	7.5	7.3	7.0	6.7
-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: P558896 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-935-U-TS-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°	6.4	6.1	5.8	5.4	5.1	4.7	4.4	4.0	3.6	3.2	2.9
85°	13.4	12.8	12.1	11.3	10.4	9.5	8.8	8.0	7.3	6.5	5.7
82.5°	21.1	20.1	19.2	18.2	17.3	16.2	14.9	13.4	11.6	9.8	8.5
80°	34.7	32.4	30.0	27.5	25.1	22.9	21.4	19.6	17.1	14.6	12.2
77.5°	50.5	46.4	42.4	38.9	35.2	31.8	28.8	25.8	22.5	19.3	16.3
75°	67.8	62.5	57.2	51.9	46.2	40.6	36.4	32.5	28.4	24.1	20.3
72.5°	85.1	78.8	72.2	65.4	58.9	52.2	45.4	39.2	34.6	29.7	24.5
70°	102.6	95.3	88.0	80.0	71.9	63.9	56.1	48.3	40.7	35.2	29.4
67.5°	120.1	111.6	103.2	94.5	85.3	76.0	66.8	57.8	49.1	40.7	34.3
65°	137.4	127.8	117.9	108.4	98.4	88.1	77.8	67.3	57.3	47.8	39.1
62.5°	153.2	143.9	133.2	122.4	111.5	100.2	88.5	77.0	65.4	54.8	44.7
60°	167.1	157.6	147.8	136.4	124.4	112.2	99.5	86.6	74.0	61.5	50.5
57.5°	179.7	170.6	160.5	149.6	137.3	124.0	110.4	96.3	82.5	68.8	56.1
55°	191.4	182.2	172.4	161.4	149.3	135.6	121.0	106.0	90.8	76.1	61.6
52.5°	200.8	192.7	183.1	172.4	160.2	146.7	131.4	115.3	99.2	83.2	67.8
50°	209.4	201.8	192.8	182.2	170.6	156.6	141.6	124.6	107.4	90.1	73.8
47.5°	217.2	209.8	201.3	191.3	179.3	166.1	150.6	133.6	115.3	97.1	79.7
45°	224.1	217.0	209.0	199.1	187.8	174.4	159.1	142.4	123.1	103.9	85.2
42.5°	230.5	223.3	215.5	206.8	195.1	182.0	167.2	149.9	130.7	110.5	90.8
40°	235.5	228.8	221.4	212.5	201.9	189.3	174.1	157.0	138.0	116.8	96.2
37.5°	240.2	233.6	226.3	218.0	208.0	195.3	180.6	163.7	144.7	122.9	101.4
35°	244.1	237.8	230.6	222.5	212.8	201.0	186.8	169.8	150.3	128.6	106.2
32.5°	247.8	241.5	234.1	226.1	217.3	206.4	192.2	175.0	155.5	134.0	110.8
30°	251.2	244.4	237.4	229.4	221.2	210.4	196.7	179.8	160.4	138.9	115.1
27.5°	254.0	246.9	240.3	232.3	224.0	214.0	200.7	184.2	164.9	143.3	119.1
25°	256.6	249.3	242.4	234.9	226.5	217.3	204.6	188.3	168.8	147.0	122.8
22.5°	258.9	251.4	244.2	237.3	228.7	220.3	207.7	191.4	172.1	150.3	126.1
20°	260.9	253.3	245.6	239.1	230.5	222.2	210.2	194.2	175.0	153.2	129.0
17.5°	262.7	254.9	247.1	240.2	232.1	223.7	212.4	196.7	177.6	155.8	131.6
15°	264.4	256.1	248.3	241.0	233.4	225.0	214.4	198.9	179.8	158.1	133.8
12.5°	265.7	256.9	249.2	241.7	234.3	226.1	216.2	200.8	181.7	159.9	135.6
10°	266.7	257.4	249.9	242.2	235.0	226.9	217.6	202.2	183.1	161.4	137.1
7.5°	267.5	257.5	250.4	242.4	235.5	227.5	218.5	203.3	184.2	162.5	138.2
5°	268.2	257.8	250.9	242.9	236.1	228.0	219.0	203.9	184.9	163.2	138.9
2.5°	269.4	258.8	251.3	243.2	236.4	228.3	219.1	204.2	185.2	163.6	139.2
0°	270.3	259.5	251.4	243.3	236.5	228.4	218.9	204.1	185.1	163.5	139.2
-2.5°	269.4	258.8	251.3	243.2	236.4	228.3	219.1	204.2	185.2	163.6	139.2
-5°	268.2	257.8	250.9	242.9	236.1	228.0	219.0	203.9	184.9	163.2	138.9
-7.5°	267.5	257.5	250.4	242.4	235.5	227.5	218.5	203.3	184.2	162.5	138.2
-10°	266.7	257.4	249.9	242.2	235.0	226.9	217.6	202.2	183.1	161.4	137.1
-12.5°	265.7	256.9	249.2	241.7	234.3	226.1	216.2	200.8	181.7	159.9	135.6
-15°	264.4	256.1	248.3	241.0	233.4	225.0	214.4	198.9	179.8	158.1	133.8
-17.5°	262.7	254.9	247.1	240.2	232.1	223.7	212.4	196.7	177.6	155.8	131.6
-20°	260.9	253.3	245.6	239.1	230.5	222.2	210.2	194.2	175.0	153.2	129.0



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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°	258.9	251.4	244.2	237.3	228.7	220.3	207.7	191.4	172.1	150.3	126.1
-25°	256.6	249.3	242.4	234.9	226.5	217.3	204.6	188.3	168.8	147.0	122.8
-27.5°	254.0	246.9	240.3	232.3	224.0	214.0	200.7	184.2	164.9	143.3	119.1
-30°	251.2	244.4	237.4	229.4	221.2	210.4	196.7	179.8	160.4	138.9	115.1
-32.5°	247.8	241.5	234.1	226.1	217.3	206.4	192.2	175.0	155.5	134.0	110.8
-35°	244.1	237.8	230.6	222.5	212.8	201.0	186.8	169.8	150.3	128.6	106.2
-37.5°	240.2	233.6	226.3	218.0	208.0	195.3	180.6	163.7	144.7	122.9	101.4
-40°	235.5	228.8	221.4	212.5	201.9	189.3	174.1	157.0	138.0	116.8	96.2
-42.5°	230.5	223.3	215.5	206.8	195.1	182.0	167.2	149.9	130.7	110.5	90.8
-45°	224.1	217.0	209.0	199.1	187.8	174.4	159.1	142.4	123.1	103.9	85.2
-47.5°	217.2	209.8	201.3	191.3	179.3	166.1	150.6	133.6	115.3	97.1	79.7
-50°	209.4	201.8	192.8	182.2	170.6	156.6	141.6	124.6	107.4	90.1	73.8
-52.5°	200.8	192.7	183.1	172.4	160.2	146.7	131.4	115.3	99.2	83.2	67.8
-55°	191.4	182.2	172.4	161.4	149.3	135.6	121.0	106.0	90.8	76.1	61.6
-57.5°	179.7	170.6	160.5	149.6	137.3	124.0	110.4	96.3	82.5	68.8	56.1
-60°	167.1	157.6	147.8	136.4	124.4	112.2	99.5	86.6	74.0	61.5	50.5
-62.5°	153.2	143.9	133.2	122.4	111.5	100.2	88.5	77.0	65.4	54.8	44.7
-65°	137.4	127.8	117.9	108.4	98.4	88.1	77.8	67.3	57.3	47.8	39.1
-67.5°	120.1	111.6	103.2	94.5	85.3	76.0	66.8	57.8	49.1	40.7	34.3
-70°	102.6	95.3	88.0	80.0	71.9	63.9	56.1	48.3	40.7	35.2	29.4
-72.5°	85.1	78.8	72.2	65.4	58.9	52.2	45.4	39.2	34.6	29.7	24.5
-75°	67.8	62.5	57.2	51.9	46.2	40.6	36.4	32.5	28.4	24.1	20.3
-77.5°	50.5	46.4	42.4	38.9	35.2	31.8	28.8	25.8	22.5	19.3	16.3
-80°	34.7	32.4	30.0	27.5	25.1	22.9	21.4	19.6	17.1	14.6	12.2
-82.5°	21.1	20.1	19.2	18.2	17.3	16.2	14.9	13.4	11.6	9.8	8.5
-85°	13.4	12.8	12.1	11.3	10.4	9.5	8.8	8.0	7.3	6.5	5.7
-87.5°	6.4	6.1	5.8	5.4	5.1	4.7	4.4	4.0	3.6	3.2	2.9
-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):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.1	1.8	1.4	0.9	0.5	0.0
85°	4.9	4.3	3.5	2.7	1.9	0.9	0.0
82.5°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
80°	9.9	8.5	7.0	5.4	3.7	1.9	0.0
77.5°	13.4	10.9	8.8	6.8	4.7	2.3	0.0
75°	16.8	13.7	10.6	8.1	5.6	2.8	0.0
72.5°	20.2	16.5	12.9	9.5	6.5	3.2	0.0
70°	23.7	19.3	15.1	10.9	7.4	3.7	0.0
67.5°	27.9	22.1	17.3	12.5	8.3	4.1	0.0
65°	32.0	25.2	19.5	14.1	9.1	4.6	0.0
62.5°	36.1	28.5	21.6	15.7	10.0	5.0	0.0
60°	40.1	31.8	23.7	17.3	10.8	5.4	0.0
57.5°	44.8	34.9	26.2	18.8	11.8	5.8	0.0
55°	49.5	38.0	28.6	20.3	12.8	6.2	0.0
52.5°	54.1	41.1	31.0	21.8	13.7	6.6	0.0
50°	58.5	44.8	33.3	23.2	14.6	6.9	0.0
47.5°	62.9	48.4	35.5	24.6	15.5	7.3	0.0
45°	67.7	51.8	37.6	26.2	16.4	7.6	0.0
42.5°	72.2	55.1	39.6	27.7	17.2	8.0	0.0
40°	76.5	58.2	41.8	29.1	18.0	8.3	0.0
37.5°	80.6	61.2	44.1	30.4	18.7	8.6	0.0
35°	84.4	64.3	46.4	31.6	19.4	8.8	0.0
32.5°	88.1	67.3	48.5	32.7	20.1	9.1	0.0
30°	91.7	70.1	50.5	33.8	20.7	9.4	0.0
27.5°	95.1	72.6	52.3	34.7	21.2	9.6	0.0
25°	98.2	75.0	53.9	35.6	21.8	9.8	0.0
22.5°	101.0	77.1	55.4	36.4	22.2	10.0	0.0
20°	103.6	79.1	56.8	37.0	22.7	10.1	0.0
17.5°	105.8	80.8	58.0	37.6	23.0	10.3	0.0
15°	107.9	82.3	59.1	38.1	23.4	10.4	0.0
12.5°	109.6	83.6	60.1	38.5	23.7	10.5	0.0
10°	111.0	84.6	60.8	38.8	23.9	10.6	0.0
7.5°	112.1	85.4	61.4	39.1	24.1	10.7	0.0
5°	112.9	86.0	61.8	39.2	24.2	10.8	0.0
2.5°	113.3	86.4	62.1	39.2	24.3	10.8	0.0
0°	113.5	86.5	62.2	39.2	24.3	10.8	0.0
-2.5°	113.3	86.4	62.1	39.2	24.3	10.8	0.0
-5°	112.9	86.0	61.8	39.2	24.2	10.8	0.0
-7.5°	112.1	85.4	61.4	39.1	24.1	10.7	0.0
-10°	111.0	84.6	60.8	38.8	23.9	10.6	0.0
-12.5°	109.6	83.6	60.1	38.5	23.7	10.5	0.0
-15°	107.9	82.3	59.1	38.1	23.4	10.4	0.0
-17.5°	105.8	80.8	58.0	37.6	23.0	10.3	0.0
-20°	103.6	79.1	56.8	37.0	22.7	10.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	101.0	77.1	55.4	36.4	22.2	10.0	0.0
-25°	98.2	75.0	53.9	35.6	21.8	9.8	0.0
-27.5°	95.1	72.6	52.3	34.7	21.2	9.6	0.0
-30°	91.7	70.1	50.5	33.8	20.7	9.4	0.0
-32.5°	88.1	67.3	48.5	32.7	20.1	9.1	0.0
-35°	84.4	64.3	46.4	31.6	19.4	8.8	0.0
-37.5°	80.6	61.2	44.1	30.4	18.7	8.6	0.0
-40°	76.5	58.2	41.8	29.1	18.0	8.3	0.0
-42.5°	72.2	55.1	39.6	27.7	17.2	8.0	0.0
-45°	67.7	51.8	37.6	26.2	16.4	7.6	0.0
-47.5°	62.9	48.4	35.5	24.6	15.5	7.3	0.0
-50°	58.5	44.8	33.3	23.2	14.6	6.9	0.0
-52.5°	54.1	41.1	31.0	21.8	13.7	6.6	0.0
-55°	49.5	38.0	28.6	20.3	12.8	6.2	0.0
-57.5°	44.8	34.9	26.2	18.8	11.8	5.8	0.0
-60°	40.1	31.8	23.7	17.3	10.8	5.4	0.0
-62.5°	36.1	28.5	21.6	15.7	10.0	5.0	0.0
-65°	32.0	25.2	19.5	14.1	9.1	4.6	0.0
-67.5°	27.9	22.1	17.3	12.5	8.3	4.1	0.0
-70°	23.7	19.3	15.1	10.9	7.4	3.7	0.0
-72.5°	20.2	16.5	12.9	9.5	6.5	3.2	0.0
-75°	16.8	13.7	10.6	8.1	5.6	2.8	0.0
-77.5°	13.4	10.9	8.8	6.8	4.7	2.3	0.0
-80°	9.9	8.5	7.0	5.4	3.7	1.9	0.0
-82.5°	7.4	6.4	5.3	4.1	2.8	1.4	0.0
-85°	4.9	4.3	3.5	2.7	1.9	0.9	0.0
-87.5°	2.5	2.1	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)