

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: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-927-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558976 (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-SA4E-927-U-TS-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (64) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

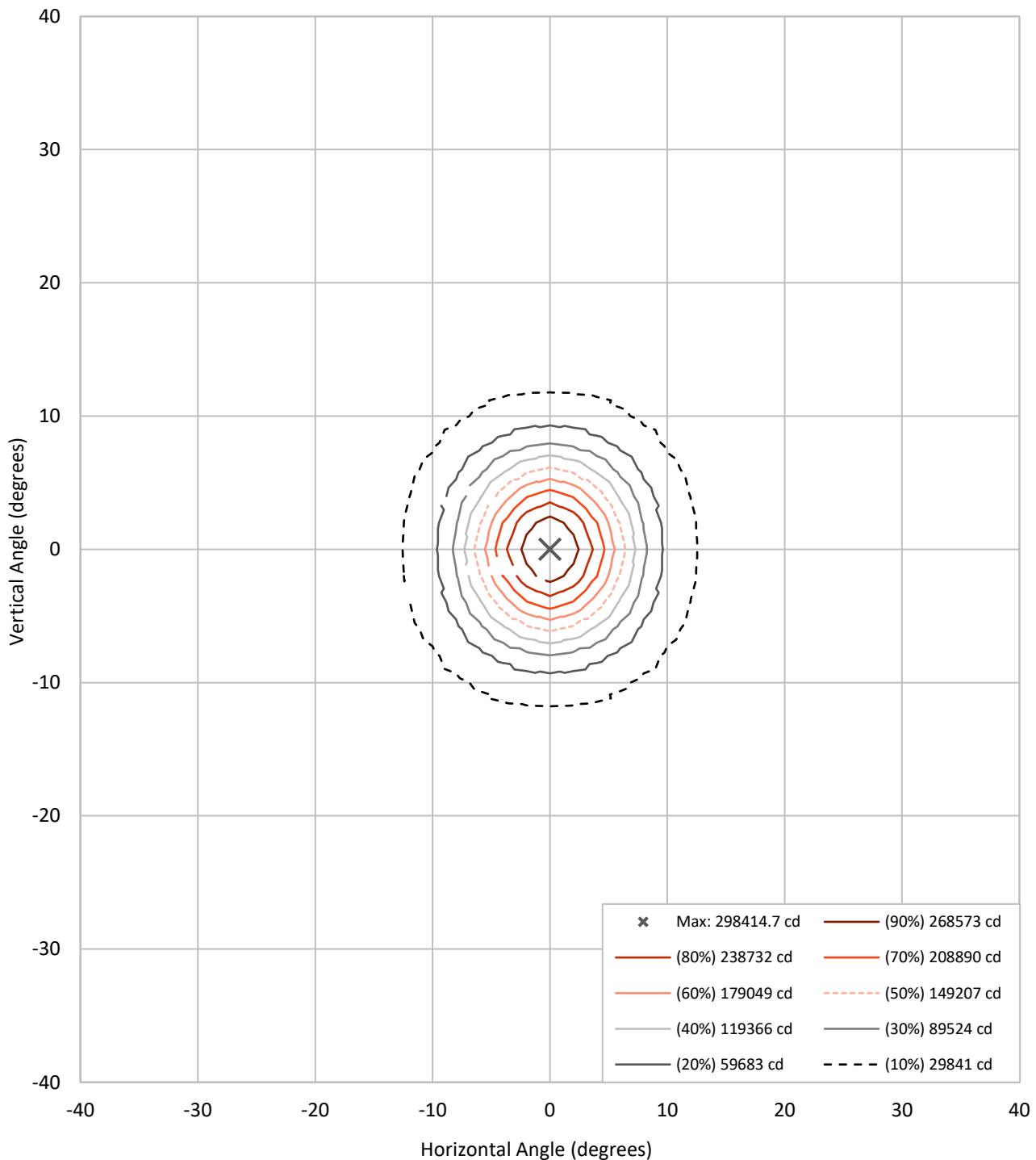
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21631.1 lumens	Max Intensity:	298414.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6835.1 lumens	Field Lumens:	15142.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 250  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot



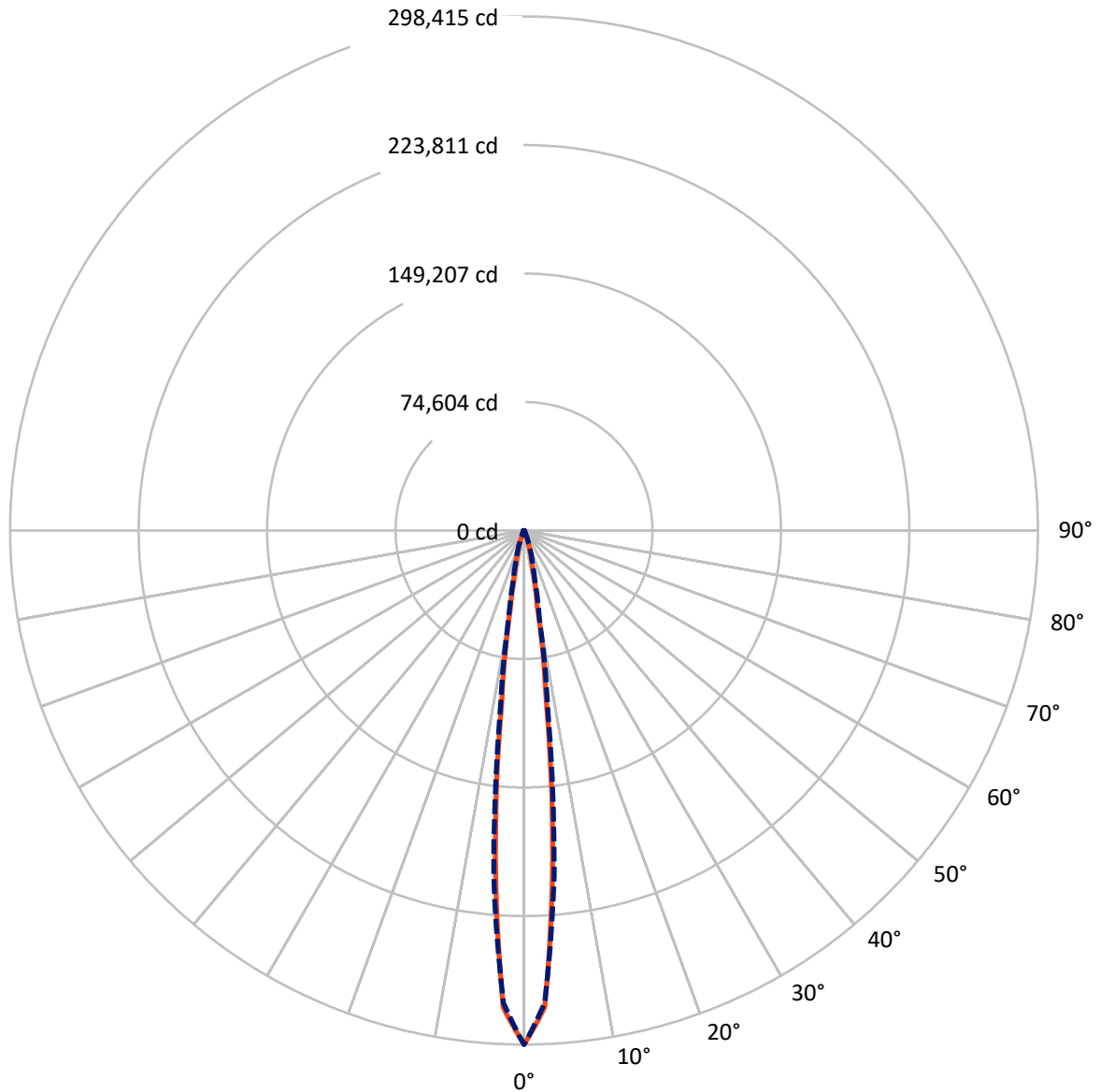
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### Lumen Table

90	0.3	2.5		6.9		11.2		12.9		11.2		6.9		2.5		0.3			
80	0.3	2.5		6.9		11.2		12.9		11.2		6.9		2.5		0.3			
70	1.1	1.3	2.8	4.6	6.3	7.8	8.9	9.4	9.4	8.9	7.8	6.3	4.6	2.8	1.3	1.1			
60		2.1	4.2	6.3	8.2	9.7	10.6	11.0	11.0	10.6	9.7	8.2	6.3	4.2	2.1				
50	2.1	2.7	5.1	7.3	9.2	10.8	12.1	12.6	12.6	12.1	10.8	9.2	7.3	5.1	2.7	2.1			
40		3.2	5.7	8.0	10.2	13.2	16.5	18.6	18.6	16.5	13.2	10.2	8.0	5.7	3.2				
30	2.8	3.6	6.1	8.5	12.0	18.7	41.5	75.5	75.5	41.5	18.7	12.0	8.5	6.1	3.6	2.8			
20		3.8	6.3	9.0	14.3	40.2	226.8	499.0	499.0	226.8	40.2	14.3	9.0	6.3	3.8				
10	3.0	3.9	6.3	9.2	15.8	77.1	544.5	3522.4	3522.4	544.5	77.1	15.8	9.2	6.3	3.9	3.0			
0		3.9	6.3	9.2	15.8	77.1	544.5	3522.4	3522.4	544.5	77.1	15.8	9.2	6.3	3.9				
-10	2.8	3.8	6.3	9.0	14.3	40.2	226.8	499.0	499.0	226.8	40.2	14.3	9.0	6.3	3.8	2.8			
-20		3.6	6.1	8.5	12.0	18.7	41.5	75.5	75.5	41.5	18.7	12.0	8.5	6.1	3.6				
-30	2.1	3.2	5.7	8.0	10.2	13.2	16.5	18.6	18.6	16.5	13.2	10.2	8.0	5.7	3.2	2.1			
-40		2.7	5.1	7.3	9.2	10.8	12.1	12.6	12.6	12.1	10.8	9.2	7.3	5.1	2.7				
-50	1.1	2.1	4.2	6.3	8.2	9.7	10.6	11.0	11.0	10.6	9.7	8.2	6.3	4.2	2.1	1.1			
-60		1.3	2.8	4.6	6.3	7.8	8.9	9.4	9.4	8.9	7.8	6.3	4.6	2.8	1.3				
-70	0.3	2.5		6.9		11.2		12.9		11.2		6.9		2.5		0.3			
-80		2.5		6.9		11.2		12.9		11.2		6.9		2.5					
-90	0.3	2.5		6.9		11.2		12.9		11.2		6.9		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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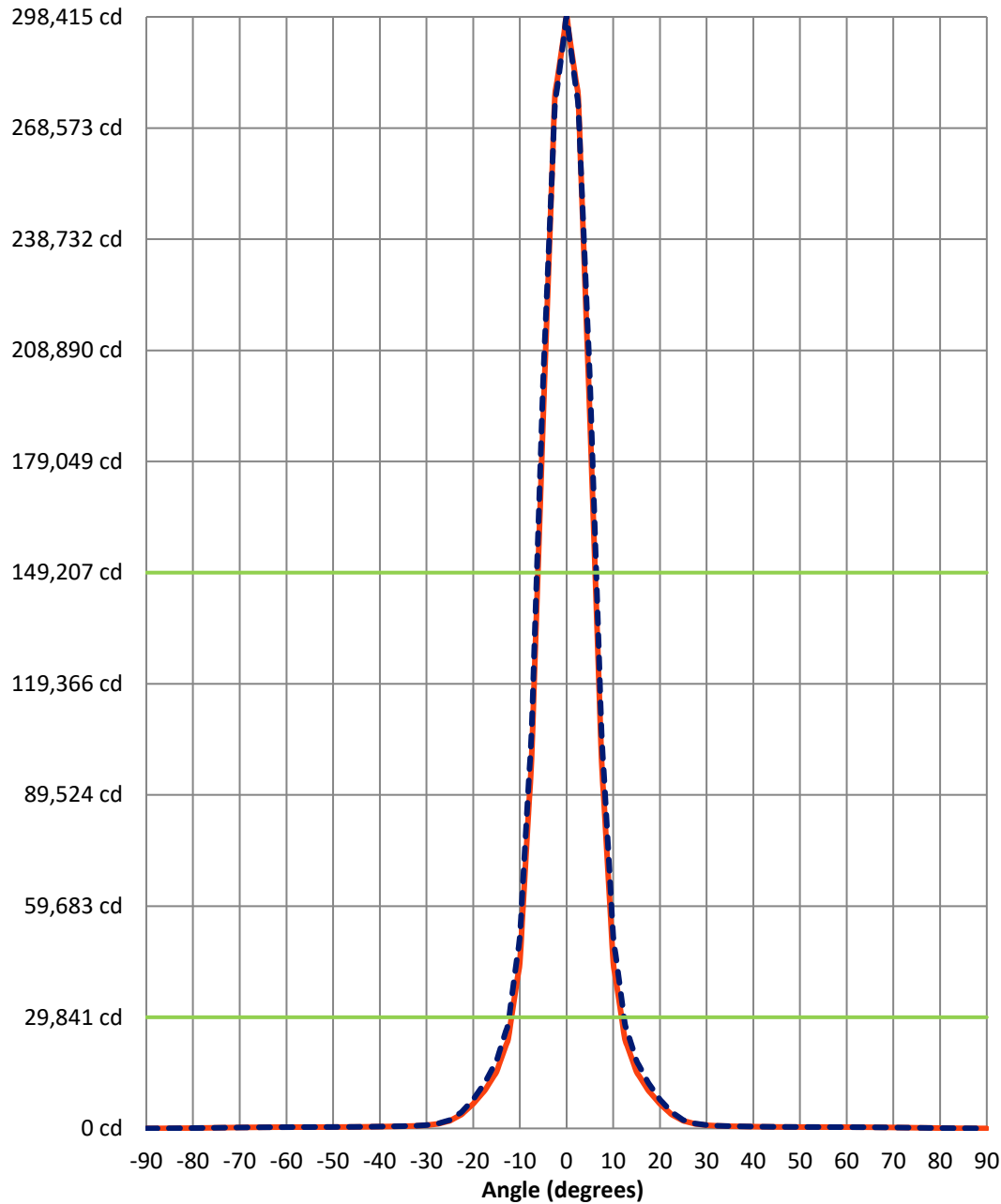
### Luminous Intensity Polar Plot



— 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: 6835.1  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 15142.1  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 6489.1  
 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	0.7	1.4	2.0	2.6	3.2	3.6	4.2	4.8	5.4	6.0
85°	0.0	1.4	2.8	4.1	5.2	6.3	7.3	8.5	9.6	10.8	11.9
82.5°	0.0	2.1	4.2	6.1	7.9	9.5	10.9	12.7	14.6	17.2	19.9
80°	0.0	2.8	5.6	8.1	10.5	12.6	14.8	18.2	21.7	25.4	29.2
77.5°	0.0	3.5	7.0	10.1	13.0	16.1	19.9	24.2	28.8	33.5	38.5
75°	0.0	4.2	8.3	12.1	15.8	20.4	25.0	30.2	35.9	42.3	48.5
72.5°	0.0	4.8	9.7	14.1	19.2	24.6	30.0	36.5	44.2	51.5	58.4
70°	0.0	5.5	11.0	16.2	22.5	28.8	35.2	43.8	52.4	60.6	71.8
67.5°	0.0	6.2	12.3	18.6	25.8	32.9	41.5	51.1	60.6	73.0	85.9
65°	0.0	6.8	13.6	21.1	29.0	37.4	47.7	58.2	71.1	85.1	100.0
62.5°	0.0	7.4	14.9	23.4	32.2	42.4	53.7	66.5	81.4	97.2	114.5
60°	0.0	8.0	16.1	25.8	35.3	47.3	59.6	75.1	91.4	110.0	128.8
57.5°	0.0	8.6	17.6	28.1	39.0	52.0	66.6	83.4	102.2	122.6	143.2
55°	0.0	9.2	19.0	30.3	42.6	56.6	73.6	91.5	113.1	135.0	157.5
52.5°	0.0	9.8	20.5	32.4	46.2	61.2	80.4	100.7	123.7	147.5	171.4
50°	0.0	10.3	21.8	34.5	49.5	66.7	87.0	109.8	134.0	159.6	185.2
47.5°	0.0	10.9	23.1	36.7	52.8	72.0	93.5	118.4	144.4	171.3	198.7
45°	0.0	11.4	24.4	39.0	55.9	77.0	100.5	126.7	154.5	183.0	211.7
42.5°	0.0	11.9	25.6	41.2	58.9	81.9	107.3	135.0	164.2	194.4	222.9
40°	0.0	12.3	26.8	43.3	62.2	86.5	113.7	143.0	173.6	205.2	233.4
37.5°	0.0	12.8	27.9	45.2	65.7	91.0	119.8	150.7	182.7	215.1	243.3
35°	0.0	13.2	28.9	47.0	69.0	95.5	125.5	158.0	191.2	223.4	252.4
32.5°	0.0	13.6	29.9	48.7	72.1	100.0	131.0	164.8	199.2	231.2	260.1
30°	0.0	13.9	30.8	50.3	75.1	104.1	136.4	171.1	206.6	238.4	267.3
27.5°	0.0	14.3	31.6	51.7	77.7	107.9	141.4	177.1	213.0	245.2	273.9
25°	0.0	14.6	32.4	53.0	80.2	111.4	146.0	182.6	218.5	250.8	279.9
22.5°	0.0	14.9	33.1	54.1	82.4	114.6	150.2	187.5	223.4	255.8	284.5
20°	0.0	15.1	33.8	55.1	84.4	117.5	154.0	191.8	227.8	260.2	288.7
17.5°	0.0	15.4	34.3	56.0	86.3	120.1	157.4	195.7	231.7	264.0	292.4
15°	0.0	15.6	34.8	56.7	87.9	122.3	160.4	198.9	235.0	267.3	295.7
12.5°	0.0	15.7	35.2	57.3	89.2	124.2	163.0	201.7	237.8	270.0	298.5
10°	0.0	15.9	35.6	57.8	90.4	125.8	165.1	203.8	240.0	272.2	300.7
7.5°	0.0	16.0	35.9	58.1	91.2	127.0	166.7	205.4	241.6	273.8	302.2
5°	0.0	16.0	36.0	58.3	91.9	127.9	167.9	206.5	242.7	274.9	303.2
2.5°	0.0	16.1	36.2	58.4	92.3	128.4	168.6	207.0	243.2	275.3	303.6
0°	0.0	16.1	36.2	58.3	92.4	128.6	168.8	206.9	243.1	275.2	303.4
-2.5°	0.0	16.1	36.2	58.4	92.3	128.4	168.6	207.0	243.2	275.3	303.6
-5°	0.0	16.0	36.0	58.3	91.9	127.9	167.9	206.5	242.7	274.9	303.2
-7.5°	0.0	16.0	35.9	58.1	91.2	127.0	166.7	205.4	241.6	273.8	302.2
-10°	0.0	15.9	35.6	57.8	90.4	125.8	165.1	203.8	240.0	272.2	300.7
-12.5°	0.0	15.7	35.2	57.3	89.2	124.2	163.0	201.7	237.8	270.0	298.5
-15°	0.0	15.6	34.8	56.7	87.9	122.3	160.4	198.9	235.0	267.3	295.7
-17.5°	0.0	15.4	34.3	56.0	86.3	120.1	157.4	195.7	231.7	264.0	292.4
-20°	0.0	15.1	33.8	55.1	84.4	117.5	154.0	191.8	227.8	260.2	288.7



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 CATALOG NUMBER: GFLD-SA4E-927-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	14.9	33.1	54.1	82.4	114.6	150.2	187.5	223.4	255.8	284.5
-25°	0.0	14.6	32.4	53.0	80.2	111.4	146.0	182.6	218.5	250.8	279.9
-27.5°	0.0	14.3	31.6	51.7	77.7	107.9	141.4	177.1	213.0	245.2	273.9
-30°	0.0	13.9	30.8	50.3	75.1	104.1	136.4	171.1	206.6	238.4	267.3
-32.5°	0.0	13.6	29.9	48.7	72.1	100.0	131.0	164.8	199.2	231.2	260.1
-35°	0.0	13.2	28.9	47.0	69.0	95.5	125.5	158.0	191.2	223.4	252.4
-37.5°	0.0	12.8	27.9	45.2	65.7	91.0	119.8	150.7	182.7	215.1	243.3
-40°	0.0	12.3	26.8	43.3	62.2	86.5	113.7	143.0	173.6	205.2	233.4
-42.5°	0.0	11.9	25.6	41.2	58.9	81.9	107.3	135.0	164.2	194.4	222.9
-45°	0.0	11.4	24.4	39.0	55.9	77.0	100.5	126.7	154.5	183.0	211.7
-47.5°	0.0	10.9	23.1	36.7	52.8	72.0	93.5	118.4	144.4	171.3	198.7
-50°	0.0	10.3	21.8	34.5	49.5	66.7	87.0	109.8	134.0	159.6	185.2
-52.5°	0.0	9.8	20.5	32.4	46.2	61.2	80.4	100.7	123.7	147.5	171.4
-55°	0.0	9.2	19.0	30.3	42.6	56.6	73.6	91.5	113.1	135.0	157.5
-57.5°	0.0	8.6	17.6	28.1	39.0	52.0	66.6	83.4	102.2	122.6	143.2
-60°	0.0	8.0	16.1	25.8	35.3	47.3	59.6	75.1	91.4	110.0	128.8
-62.5°	0.0	7.4	14.9	23.4	32.2	42.4	53.7	66.5	81.4	97.2	114.5
-65°	0.0	6.8	13.6	21.1	29.0	37.4	47.7	58.2	71.1	85.1	100.0
-67.5°	0.0	6.2	12.3	18.6	25.8	32.9	41.5	51.1	60.6	73.0	85.9
-70°	0.0	5.5	11.0	16.2	22.5	28.8	35.2	43.8	52.4	60.6	71.8
-72.5°	0.0	4.8	9.7	14.1	19.2	24.6	30.0	36.5	44.2	51.5	58.4
-75°	0.0	4.2	8.3	12.1	15.8	20.4	25.0	30.2	35.9	42.3	48.5
-77.5°	0.0	3.5	7.0	10.1	13.0	16.1	19.9	24.2	28.8	33.5	38.5
-80°	0.0	2.8	5.6	8.1	10.5	12.6	14.8	18.2	21.7	25.4	29.2
-82.5°	0.0	2.1	4.2	6.1	7.9	9.5	10.9	12.7	14.6	17.2	19.9
-85°	0.0	1.4	2.8	4.1	5.2	6.3	7.3	8.5	9.6	10.8	11.9
-87.5°	0.0	0.7	1.4	2.0	2.6	3.2	3.6	4.2	4.8	5.4	6.0
-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°	6.5	7.0	7.6	8.1	8.6	9.1	9.5	10.0	10.4	10.8	11.2
85°	13.0	14.1	15.5	16.7	17.9	18.9	19.9	20.7	21.9	23.1	24.3
82.5°	22.2	24.1	25.7	27.1	28.5	29.9	31.4	33.7	36.8	39.7	42.4
80°	31.9	34.2	37.3	40.8	44.6	48.2	51.7	55.0	58.6	62.5	66.5
77.5°	42.8	47.4	52.4	57.8	63.0	69.0	75.0	81.2	86.8	91.7	96.0
75°	54.2	60.4	68.7	77.1	85.0	92.8	100.8	108.6	115.3	121.7	128.0
72.5°	67.5	77.6	87.5	97.2	107.4	117.2	126.5	135.2	143.8	152.4	160.6
70°	83.4	94.9	106.9	119.0	130.9	141.8	152.5	163.4	174.1	183.8	192.4
67.5°	99.3	113.0	126.8	140.5	153.5	166.0	178.6	191.1	203.1	213.3	222.3
65°	115.6	131.0	146.4	161.2	175.4	190.0	204.2	218.1	229.3	238.6	247.7
62.5°	131.6	148.9	165.7	181.9	198.0	213.9	227.7	240.0	251.7	261.8	271.6
60°	148.0	166.8	185.0	202.8	219.8	234.3	248.3	260.8	272.5	283.7	291.9
57.5°	164.1	184.4	204.1	222.4	238.6	253.6	267.2	280.3	290.4	299.3	308.3
55°	179.8	201.6	221.9	240.0	256.4	270.8	284.5	295.4	305.5	313.9	322.7
52.5°	195.3	218.1	238.1	256.4	272.3	286.5	298.6	309.4	318.7	327.3	334.6
50°	210.5	232.8	253.6	270.8	286.7	300.0	311.3	321.7	330.8	338.7	345.2
47.5°	223.9	247.0	266.6	284.4	299.3	312.0	322.9	332.8	341.9	348.8	355.3
45°	236.5	259.2	279.2	296.0	310.7	322.6	333.2	343.4	351.0	357.9	362.9
42.5°	248.6	270.6	290.0	307.5	320.3	331.9	342.6	351.5	359.3	365.3	370.7
40°	258.8	281.5	300.1	316.0	329.2	340.2	350.1	359.0	366.6	372.6	378.4
37.5°	268.5	290.4	309.3	324.0	336.3	347.2	357.1	365.4	372.9	379.2	387.1
35°	277.8	298.8	316.3	330.7	342.7	353.5	362.9	371.4	378.8	387.5	396.6
32.5°	285.7	306.8	323.0	336.2	348.0	359.0	368.3	377.0	385.6	395.4	406.6
30°	292.4	312.7	328.8	341.1	352.9	363.3	373.4	382.7	392.2	403.8	418.5
27.5°	298.4	318.1	333.0	345.4	357.3	367.0	377.6	388.1	399.2	412.7	431.3
25°	304.1	323.0	336.7	349.2	360.4	370.5	381.4	392.2	406.0	424.0	448.2
22.5°	308.8	327.6	339.9	352.8	363.0	373.6	384.8	396.9	412.5	434.3	466.0
20°	312.5	330.3	342.7	355.4	365.1	376.5	387.8	401.0	419.6	448.0	484.8
17.5°	315.8	332.6	345.1	357.0	367.2	378.8	390.5	404.3	425.5	460.9	502.0
15°	318.8	334.5	346.9	358.3	369.0	380.6	393.0	408.7	433.4	473.3	517.6
12.5°	321.4	336.0	348.4	359.3	370.5	381.9	395.0	412.4	441.8	484.8	533.0
10°	323.5	337.2	349.4	359.9	371.5	382.6	396.6	414.9	447.7	491.3	542.2
7.5°	324.8	338.1	350.1	360.3	372.2	382.8	397.7	416.1	451.4	494.8	547.1
5°	325.5	338.9	350.9	361.0	372.9	383.3	398.7	416.3	452.9	495.5	549.0
2.5°	325.7	339.3	351.4	361.4	373.5	384.7	400.6	418.5	454.2	497.9	550.3
0°	325.4	339.5	351.6	361.6	373.7	385.7	401.8	419.9	454.0	500.2	550.5
-2.5°	325.7	339.3	351.4	361.4	373.5	384.7	400.6	418.5	454.2	497.9	550.3
-5°	325.5	338.9	350.9	361.0	372.9	383.3	398.7	416.3	452.9	495.5	549.0
-7.5°	324.8	338.1	350.1	360.3	372.2	382.8	397.7	416.1	451.4	494.8	547.1
-10°	323.5	337.2	349.4	359.9	371.5	382.6	396.6	414.9	447.7	491.3	542.2
-12.5°	321.4	336.0	348.4	359.3	370.5	381.9	395.0	412.4	441.8	484.8	533.0
-15°	318.8	334.5	346.9	358.3	369.0	380.6	393.0	408.7	433.4	473.3	517.6
-17.5°	315.8	332.6	345.1	357.0	367.2	378.8	390.5	404.3	425.5	460.9	502.0
-20°	312.5	330.3	342.7	355.4	365.1	376.5	387.8	401.0	419.6	448.0	484.8



REPORT NUMBER: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	308.8	327.6	339.9	352.8	363.0	373.6	384.8	396.9	412.5	434.3	466.0
-25°	304.1	323.0	336.7	349.2	360.4	370.5	381.4	392.2	406.0	424.0	448.2
-27.5°	298.4	318.1	333.0	345.4	357.3	367.0	377.6	388.1	399.2	412.7	431.3
-30°	292.4	312.7	328.8	341.1	352.9	363.3	373.4	382.7	392.2	403.8	418.5
-32.5°	285.7	306.8	323.0	336.2	348.0	359.0	368.3	377.0	385.6	395.4	406.6
-35°	277.8	298.8	316.3	330.7	342.7	353.5	362.9	371.4	378.8	387.5	396.6
-37.5°	268.5	290.4	309.3	324.0	336.3	347.2	357.1	365.4	372.9	379.2	387.1
-40°	258.8	281.5	300.1	316.0	329.2	340.2	350.1	359.0	366.6	372.6	378.4
-42.5°	248.6	270.6	290.0	307.5	320.3	331.9	342.6	351.5	359.3	365.3	370.7
-45°	236.5	259.2	279.2	296.0	310.7	322.6	333.2	343.4	351.0	357.9	362.9
-47.5°	223.9	247.0	266.6	284.4	299.3	312.0	322.9	332.8	341.9	348.8	355.3
-50°	210.5	232.8	253.6	270.8	286.7	300.0	311.3	321.7	330.8	338.7	345.2
-52.5°	195.3	218.1	238.1	256.4	272.3	286.5	298.6	309.4	318.7	327.3	334.6
-55°	179.8	201.6	221.9	240.0	256.4	270.8	284.5	295.4	305.5	313.9	322.7
-57.5°	164.1	184.4	204.1	222.4	238.6	253.6	267.2	280.3	290.4	299.3	308.3
-60°	148.0	166.8	185.0	202.8	219.8	234.3	248.3	260.8	272.5	283.7	291.9
-62.5°	131.6	148.9	165.7	181.9	198.0	213.9	227.7	240.0	251.7	261.8	271.6
-65°	115.6	131.0	146.4	161.2	175.4	190.0	204.2	218.1	229.3	238.6	247.7
-67.5°	99.3	113.0	126.8	140.5	153.5	166.0	178.6	191.1	203.1	213.3	222.3
-70°	83.4	94.9	106.9	119.0	130.9	141.8	152.5	163.4	174.1	183.8	192.4
-72.5°	67.5	77.6	87.5	97.2	107.4	117.2	126.5	135.2	143.8	152.4	160.6
-75°	54.2	60.4	68.7	77.1	85.0	92.8	100.8	108.6	115.3	121.7	128.0
-77.5°	42.8	47.4	52.4	57.8	63.0	69.0	75.0	81.2	86.8	91.7	96.0
-80°	31.9	34.2	37.3	40.8	44.6	48.2	51.7	55.0	58.6	62.5	66.5
-82.5°	22.2	24.1	25.7	27.1	28.5	29.9	31.4	33.7	36.8	39.7	42.4
-85°	13.0	14.1	15.5	16.7	17.9	18.9	19.9	20.7	21.9	23.1	24.3
-87.5°	6.5	7.0	7.6	8.1	8.6	9.1	9.5	10.0	10.4	10.8	11.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	11.5	11.5	11.3	11.2	11.0	11.2	11.4	11.5	11.7	11.8	11.9
85°	25.6	26.6	27.8	28.9	30.0	30.8	31.5	32.1	32.7	33.1	33.5
82.5°	44.9	47.2	49.3	51.2	52.9	54.3	55.6	56.7	57.6	58.4	59.1
80°	70.1	73.6	76.9	79.9	82.8	85.0	86.9	88.5	89.7	91.1	92.3
77.5°	100.2	105.1	109.7	113.8	117.6	120.7	123.4	125.7	127.7	130.1	132.4
75°	134.3	140.1	145.4	150.3	154.8	158.8	162.3	165.4	168.1	170.7	173.0
72.5°	168.3	175.3	181.5	186.7	191.5	196.0	200.5	204.7	208.6	211.5	213.6
70°	200.4	207.6	214.2	220.1	225.7	231.4	237.2	242.6	247.5	250.6	252.4
67.5°	229.8	237.1	244.6	251.9	258.5	264.5	270.4	275.7	280.5	283.7	285.7
65°	256.3	264.4	272.5	280.1	287.1	292.1	297.4	302.5	307.2	310.9	313.7
62.5°	281.2	289.2	296.0	302.4	308.3	313.4	318.6	323.2	327.3	330.9	334.2
60°	300.2	308.3	315.0	320.9	326.4	331.5	335.6	339.0	341.7	344.0	346.1
57.5°	316.4	324.2	330.9	335.8	340.7	345.5	349.0	351.2	352.9	354.1	355.0
55°	330.4	336.7	342.3	347.7	352.5	356.7	359.8	361.3	362.2	362.6	363.1
52.5°	341.7	347.8	353.5	358.7	362.5	366.0	369.0	369.9	370.4	370.6	370.7
50°	352.0	358.0	362.5	366.8	370.7	373.9	376.6	377.8	378.5	378.7	378.3
47.5°	360.3	365.4	370.5	374.9	378.9	382.6	385.5	387.2	388.5	389.1	389.0
45°	367.6	373.6	379.0	384.2	388.7	393.6	397.7	400.5	403.3	405.2	406.2
42.5°	376.3	382.3	388.2	395.3	402.0	408.2	415.1	421.1	427.3	434.0	438.5
40°	385.0	391.5	400.6	409.3	419.0	427.8	442.2	456.5	467.4	476.7	485.1
37.5°	395.0	404.5	415.4	426.6	442.5	458.9	477.0	494.8	510.3	524.3	535.6
35°	406.5	419.3	432.7	452.5	472.7	493.0	514.7	538.3	558.4	573.0	583.5
32.5°	420.6	436.7	458.2	483.6	508.3	534.6	560.8	587.1	606.9	627.3	647.9
30°	436.2	459.4	487.2	518.1	549.0	580.3	613.2	649.8	684.5	721.9	775.4
27.5°	456.2	484.4	517.1	553.5	590.8	628.2	685.5	748.2	841.5	915.9	1042.2
25°	477.5	510.5	549.5	591.7	637.2	704.2	809.1	932.9	1152.5	1322.8	1581.2
22.5°	501.2	540.1	583.1	631.6	705.0	831.4	1010.7	1328.9	1771.7	2209.0	2695.3
20°	524.6	567.6	614.8	688.2	812.9	1012.7	1401.0	2089.0	2857.5	3951.5	4869.7
17.5°	546.8	592.5	652.3	751.7	938.3	1340.2	2092.3	3270.8	4875.7	6639.3	8109.9
15°	566.3	613.0	693.5	850.9	1166.2	1792.1	2928.0	4933.6	7630.1	10044.7	12198.4
12.5°	582.8	638.0	738.2	931.0	1364.1	2290.7	4112.6	6960.6	10253.5	13639.8	16365.3
10°	594.8	664.7	797.9	1079.2	1678.5	2884.0	5100.0	8692.5	12657.3	16773.0	21700.0
7.5°	602.0	683.7	843.2	1189.2	1958.9	3544.6	6338.6	10238.7	14791.8	20410.3	27938.0
5°	607.2	696.5	876.7	1272.0	2146.3	3981.3	7120.7	11410.3	16633.6	24757.5	40250.0
2.5°	609.7	702.2	895.7	1317.5	2231.7	4205.8	7671.0	12081.2	17754.1	27824.2	48779.0
0°	608.7	699.1	898.0	1327.9	2244.0	4377.5	7762.6	12272.6	18132.7	28099.1	51513.4
-2.5°	609.7	702.2	895.7	1317.5	2231.7	4205.8	7671.0	12081.2	17754.1	27824.2	48779.0
-5°	607.2	696.5	876.7	1272.0	2146.3	3981.3	7120.7	11410.3	16633.6	24757.5	40250.0
-7.5°	602.0	683.7	843.2	1189.2	1958.9	3544.6	6338.6	10238.7	14791.8	20410.3	27938.0
-10°	594.8	664.7	797.9	1079.2	1678.5	2884.0	5100.0	8692.5	12657.3	16773.0	21700.0
-12.5°	582.8	638.0	738.2	931.0	1364.1	2290.7	4112.6	6960.6	10253.5	13639.8	16365.3
-15°	566.3	613.0	693.5	850.9	1166.2	1792.1	2928.0	4933.6	7630.1	10044.7	12198.4
-17.5°	546.8	592.5	652.3	751.7	938.3	1340.2	2092.3	3270.8	4875.7	6639.3	8109.9
-20°	524.6	567.6	614.8	688.2	812.9	1012.7	1401.0	2089.0	2857.5	3951.5	4869.7



REPORT NUMBER: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	501.2	540.1	583.1	631.6	705.0	831.4	1010.7	1328.9	1771.7	2209.0	2695.3
-25°	477.5	510.5	549.5	591.7	637.2	704.2	809.1	932.9	1152.5	1322.8	1581.2
-27.5°	456.2	484.4	517.1	553.5	590.8	628.2	685.5	748.2	841.5	915.9	1042.2
-30°	436.2	459.4	487.2	518.1	549.0	580.3	613.2	649.8	684.5	721.9	775.4
-32.5°	420.6	436.7	458.2	483.6	508.3	534.6	560.8	587.1	606.9	627.3	647.9
-35°	406.5	419.3	432.7	452.5	472.7	493.0	514.7	538.3	558.4	573.0	583.5
-37.5°	395.0	404.5	415.4	426.6	442.5	458.9	477.0	494.8	510.3	524.3	535.6
-40°	385.0	391.5	400.6	409.3	419.0	427.8	442.2	456.5	467.4	476.7	485.1
-42.5°	376.3	382.3	388.2	395.3	402.0	408.2	415.1	421.1	427.3	434.0	438.5
-45°	367.6	373.6	379.0	384.2	388.7	393.6	397.7	400.5	403.3	405.2	406.2
-47.5°	360.3	365.4	370.5	374.9	378.9	382.6	385.5	387.2	388.5	389.1	389.0
-50°	352.0	358.0	362.5	366.8	370.7	373.9	376.6	377.8	378.5	378.7	378.3
-52.5°	341.7	347.8	353.5	358.7	362.5	366.0	369.0	369.9	370.4	370.6	370.7
-55°	330.4	336.7	342.3	347.7	352.5	356.7	359.8	361.3	362.2	362.6	363.1
-57.5°	316.4	324.2	330.9	335.8	340.7	345.5	349.0	351.2	352.9	354.1	355.0
-60°	300.2	308.3	315.0	320.9	326.4	331.5	335.6	339.0	341.7	344.0	346.1
-62.5°	281.2	289.2	296.0	302.4	308.3	313.4	318.6	323.2	327.3	330.9	334.2
-65°	256.3	264.4	272.5	280.1	287.1	292.1	297.4	302.5	307.2	310.9	313.7
-67.5°	229.8	237.1	244.6	251.9	258.5	264.5	270.4	275.7	280.5	283.7	285.7
-70°	200.4	207.6	214.2	220.1	225.7	231.4	237.2	242.6	247.5	250.6	252.4
-72.5°	168.3	175.3	181.5	186.7	191.5	196.0	200.5	204.7	208.6	211.5	213.6
-75°	134.3	140.1	145.4	150.3	154.8	158.8	162.3	165.4	168.1	170.7	173.0
-77.5°	100.2	105.1	109.7	113.8	117.6	120.7	123.4	125.7	127.7	130.1	132.4
-80°	70.1	73.6	76.9	79.9	82.8	85.0	86.9	88.5	89.7	91.1	92.3
-82.5°	44.9	47.2	49.3	51.2	52.9	54.3	55.6	56.7	57.6	58.4	59.1
-85°	25.6	26.6	27.8	28.9	30.0	30.8	31.5	32.1	32.7	33.1	33.5
-87.5°	11.5	11.5	11.3	11.2	11.0	11.2	11.4	11.5	11.7	11.8	11.9
-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: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	11.9	11.8	11.7	11.5
85°	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.5	33.1	32.7	32.1
82.5°	59.6	60.0	60.2	60.3	60.2	60.0	59.6	59.1	58.4	57.6	56.7
80°	93.2	93.9	94.3	94.4	94.3	93.9	93.2	92.3	91.1	89.7	88.5
77.5°	134.3	135.8	136.4	136.6	136.4	135.8	134.3	132.4	130.1	127.7	125.7
75°	174.7	175.9	176.6	176.8	176.6	175.9	174.7	173.0	170.7	168.1	165.4
72.5°	215.1	215.9	217.7	219.0	217.7	215.9	215.1	213.6	211.5	208.6	204.7
70°	253.6	254.0	255.7	257.1	255.7	254.0	253.6	252.4	250.6	247.5	242.6
67.5°	287.2	288.1	288.1	287.3	288.1	288.1	287.2	285.7	283.7	280.5	275.7
65°	316.1	318.1	318.2	317.4	318.2	318.1	316.1	313.7	310.9	307.2	302.5
62.5°	337.3	340.1	341.2	341.5	341.2	340.1	337.3	334.2	330.9	327.3	323.2
60°	347.8	349.0	349.5	349.6	349.5	349.0	347.8	346.1	344.0	341.7	339.0
57.5°	355.4	355.4	355.5	355.6	355.5	355.4	355.4	355.0	354.1	352.9	351.2
55°	363.3	363.3	362.7	361.6	362.7	363.3	363.3	363.1	362.6	362.2	361.3
52.5°	370.4	369.7	368.8	367.6	368.8	369.7	370.4	370.7	370.6	370.4	369.9
50°	377.4	376.1	375.6	375.7	375.6	376.1	377.4	378.3	378.7	378.5	377.8
47.5°	388.7	387.8	387.5	387.7	387.5	387.8	388.7	389.0	389.1	388.5	387.2
45°	406.5	405.8	405.4	405.8	405.4	405.8	406.5	406.2	405.2	403.3	400.5
42.5°	441.0	441.3	441.1	442.0	441.1	441.3	441.0	438.5	434.0	427.3	421.1
40°	488.4	488.2	486.6	486.2	486.6	488.2	488.4	485.1	476.7	467.4	456.5
37.5°	540.2	540.2	538.6	538.4	538.6	540.2	540.2	535.6	524.3	510.3	494.8
35°	589.0	590.8	590.5	588.6	590.5	590.8	589.0	583.5	573.0	558.4	538.3
32.5°	662.4	673.6	679.5	677.0	679.5	673.6	662.4	647.9	627.3	606.9	587.1
30°	809.0	837.9	853.1	859.8	853.1	837.9	809.0	775.4	721.9	684.5	649.8
27.5°	1132.7	1196.5	1225.2	1235.5	1225.2	1196.5	1132.7	1042.2	915.9	841.5	748.2
25°	1806.9	1951.1	2022.2	2045.1	2022.2	1951.1	1806.9	1581.2	1322.8	1152.5	932.9
22.5°	3230.9	3508.6	3698.6	3740.7	3698.6	3508.6	3230.9	2695.3	2209.0	1771.7	1328.9
20°	5793.0	6330.2	6621.6	6595.4	6621.6	6330.2	5793.0	4869.7	3951.5	2857.5	2089.0
17.5°	9360.0	10048.9	10376.8	10223.5	10376.8	10048.9	9360.0	8109.9	6639.3	4875.7	3270.8
15°	13721.4	14652.1	15058.0	15183.6	15058.0	14652.1	13721.4	12198.4	10044.7	7630.1	4933.6
12.5°	19085.9	22136.9	23595.9	23986.8	23595.9	22136.9	19085.9	16365.3	13639.8	10253.5	6960.6
10°	26739.6	36995.0	43095.0	44584.5	43095.0	36995.0	26739.6	21700.0	16773.0	12657.3	8692.5
7.5°	43668.0	64507.9	87853.3	98908.4	87853.3	64507.9	43668.0	27938.0	20410.3	14791.8	10238.7
5°	66593.5	115578.4	169630.3	190819.6	169630.3	115578.4	66593.5	40250.0	24757.5	16633.6	11410.3
2.5°	94463.4	174514.5	249201.0	277042.5	249201.0	174514.5	94463.4	48779.0	27824.2	17754.1	12081.2
0°	106238.0	201195.8	274565.5	298414.7	274565.5	201195.8	106238.0	51513.4	28099.1	18132.7	12272.6
-2.5°	94463.4	174514.5	249201.0	277042.5	249201.0	174514.5	94463.4	48779.0	27824.2	17754.1	12081.2
-5°	66593.5	115578.4	169630.3	190819.6	169630.3	115578.4	66593.5	40250.0	24757.5	16633.6	11410.3
-7.5°	43668.0	64507.9	87853.3	98908.4	87853.3	64507.9	43668.0	27938.0	20410.3	14791.8	10238.7
-10°	26739.6	36995.0	43095.0	44584.5	43095.0	36995.0	26739.6	21700.0	16773.0	12657.3	8692.5
-12.5°	19085.9	22136.9	23595.9	23986.8	23595.9	22136.9	19085.9	16365.3	13639.8	10253.5	6960.6
-15°	13721.4	14652.1	15058.0	15183.6	15058.0	14652.1	13721.4	12198.4	10044.7	7630.1	4933.6
-17.5°	9360.0	10048.9	10376.8	10223.5	10376.8	10048.9	9360.0	8109.9	6639.3	4875.7	3270.8
-20°	5793.0	6330.2	6621.6	6595.4	6621.6	6330.2	5793.0	4869.7	3951.5	2857.5	2089.0



REPORT NUMBER: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	3230.9	3508.6	3698.6	3740.7	3698.6	3508.6	3230.9	2695.3	2209.0	1771.7	1328.9
-25°	1806.9	1951.1	2022.2	2045.1	2022.2	1951.1	1806.9	1581.2	1322.8	1152.5	932.9
-27.5°	1132.7	1196.5	1225.2	1235.5	1225.2	1196.5	1132.7	1042.2	915.9	841.5	748.2
-30°	809.0	837.9	853.1	859.8	853.1	837.9	809.0	775.4	721.9	684.5	649.8
-32.5°	662.4	673.6	679.5	677.0	679.5	673.6	662.4	647.9	627.3	606.9	587.1
-35°	589.0	590.8	590.5	588.6	590.5	590.8	589.0	583.5	573.0	558.4	538.3
-37.5°	540.2	540.2	538.6	538.4	538.6	540.2	540.2	535.6	524.3	510.3	494.8
-40°	488.4	488.2	486.6	486.2	486.6	488.2	488.4	485.1	476.7	467.4	456.5
-42.5°	441.0	441.3	441.1	442.0	441.1	441.3	441.0	438.5	434.0	427.3	421.1
-45°	406.5	405.8	405.4	405.8	405.4	405.8	406.5	406.2	405.2	403.3	400.5
-47.5°	388.7	387.8	387.5	387.7	387.5	387.8	388.7	389.0	389.1	388.5	387.2
-50°	377.4	376.1	375.6	375.7	375.6	376.1	377.4	378.3	378.7	378.5	377.8
-52.5°	370.4	369.7	368.8	367.6	368.8	369.7	370.4	370.7	370.6	370.4	369.9
-55°	363.3	363.3	362.7	361.6	362.7	363.3	363.3	363.1	362.6	362.2	361.3
-57.5°	355.4	355.4	355.5	355.6	355.5	355.4	355.4	355.0	354.1	352.9	351.2
-60°	347.8	349.0	349.5	349.6	349.5	349.0	347.8	346.1	344.0	341.7	339.0
-62.5°	337.3	340.1	341.2	341.5	341.2	340.1	337.3	334.2	330.9	327.3	323.2
-65°	316.1	318.1	318.2	317.4	318.2	318.1	316.1	313.7	310.9	307.2	302.5
-67.5°	287.2	288.1	288.1	287.3	288.1	288.1	287.2	285.7	283.7	280.5	275.7
-70°	253.6	254.0	255.7	257.1	255.7	254.0	253.6	252.4	250.6	247.5	242.6
-72.5°	215.1	215.9	217.7	219.0	217.7	215.9	215.1	213.6	211.5	208.6	204.7
-75°	174.7	175.9	176.6	176.8	176.6	175.9	174.7	173.0	170.7	168.1	165.4
-77.5°	134.3	135.8	136.4	136.6	136.4	135.8	134.3	132.4	130.1	127.7	125.7
-80°	93.2	93.9	94.3	94.4	94.3	93.9	93.2	92.3	91.1	89.7	88.5
-82.5°	59.6	60.0	60.2	60.3	60.2	60.0	59.6	59.1	58.4	57.6	56.7
-85°	33.8	34.0	34.2	34.2	34.2	34.0	33.8	33.5	33.1	32.7	32.1
-87.5°	12.0	12.1	12.1	12.1	12.1	12.1	12.0	11.9	11.8	11.7	11.5
-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: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	11.4	11.2	11.0	11.2	11.3	11.5	11.5	11.2	10.8	10.4	10.0
85°	31.5	30.8	30.0	28.9	27.8	26.6	25.6	24.3	23.1	21.9	20.7
82.5°	55.6	54.3	52.9	51.2	49.3	47.2	44.9	42.4	39.7	36.8	33.7
80°	86.9	85.0	82.8	79.9	76.9	73.6	70.1	66.5	62.5	58.6	55.0
77.5°	123.4	120.7	117.6	113.8	109.7	105.1	100.2	96.0	91.7	86.8	81.2
75°	162.3	158.8	154.8	150.3	145.4	140.1	134.3	128.0	121.7	115.3	108.6
72.5°	200.5	196.0	191.5	186.7	181.5	175.3	168.3	160.6	152.4	143.8	135.2
70°	237.2	231.4	225.7	220.1	214.2	207.6	200.4	192.4	183.8	174.1	163.4
67.5°	270.4	264.5	258.5	251.9	244.6	237.1	229.8	222.3	213.3	203.1	191.1
65°	297.4	292.1	287.1	280.1	272.5	264.4	256.3	247.7	238.6	229.3	218.1
62.5°	318.6	313.4	308.3	302.4	296.0	289.2	281.2	271.6	261.8	251.7	240.0
60°	335.6	331.5	326.4	320.9	315.0	308.3	300.2	291.9	283.7	272.5	260.8
57.5°	349.0	345.5	340.7	335.8	330.9	324.2	316.4	308.3	299.3	290.4	280.3
55°	359.8	356.7	352.5	347.7	342.3	336.7	330.4	322.7	313.9	305.5	295.4
52.5°	369.0	366.0	362.5	358.7	353.5	347.8	341.7	334.6	327.3	318.7	309.4
50°	376.6	373.9	370.7	366.8	362.5	358.0	352.0	345.2	338.7	330.8	321.7
47.5°	385.5	382.6	378.9	374.9	370.5	365.4	360.3	355.3	348.8	341.9	332.8
45°	397.7	393.6	388.7	384.2	379.0	373.6	367.6	362.9	357.9	351.0	343.4
42.5°	415.1	408.2	402.0	395.3	388.2	382.3	376.3	370.7	365.3	359.3	351.5
40°	442.2	427.8	419.0	409.3	400.6	391.5	385.0	378.4	372.6	366.6	359.0
37.5°	477.0	458.9	442.5	426.6	415.4	404.5	395.0	387.1	379.2	372.9	365.4
35°	514.7	493.0	472.7	452.5	432.7	419.3	406.5	396.6	387.5	378.8	371.4
32.5°	560.8	534.6	508.3	483.6	458.2	436.7	420.6	406.6	395.4	385.6	377.0
30°	613.2	580.3	549.0	518.1	487.2	459.4	436.2	418.5	403.8	392.2	382.7
27.5°	685.5	628.2	590.8	553.5	517.1	484.4	456.2	431.3	412.7	399.2	388.1
25°	809.1	704.2	637.2	591.7	549.5	510.5	477.5	448.2	424.0	406.0	392.2
22.5°	1010.7	831.4	705.0	631.6	583.1	540.1	501.2	466.0	434.3	412.5	396.9
20°	1401.0	1012.7	812.9	688.2	614.8	567.6	524.6	484.8	448.0	419.6	401.0
17.5°	2092.3	1340.2	938.3	751.7	652.3	592.5	546.8	502.0	460.9	425.5	404.3
15°	2928.0	1792.1	1166.2	850.9	693.5	613.0	566.3	517.6	473.3	433.4	408.7
12.5°	4112.6	2290.7	1364.1	931.0	738.2	638.0	582.8	533.0	484.8	441.8	412.4
10°	5100.0	2884.0	1678.5	1079.2	797.9	664.7	594.8	542.2	491.3	447.7	414.9
7.5°	6338.6	3544.6	1958.9	1189.2	843.2	683.7	602.0	547.1	494.8	451.4	416.1
5°	7120.7	3981.3	2146.3	1272.0	876.7	696.5	607.2	549.0	495.5	452.9	416.3
2.5°	7671.0	4205.8	2231.7	1317.5	895.7	702.2	609.7	550.3	497.9	454.2	418.5
0°	7762.6	4377.5	2244.0	1327.9	898.0	699.1	608.7	550.5	500.2	454.0	419.9
-2.5°	7671.0	4205.8	2231.7	1317.5	895.7	702.2	609.7	550.3	497.9	454.2	418.5
-5°	7120.7	3981.3	2146.3	1272.0	876.7	696.5	607.2	549.0	495.5	452.9	416.3
-7.5°	6338.6	3544.6	1958.9	1189.2	843.2	683.7	602.0	547.1	494.8	451.4	416.1
-10°	5100.0	2884.0	1678.5	1079.2	797.9	664.7	594.8	542.2	491.3	447.7	414.9
-12.5°	4112.6	2290.7	1364.1	931.0	738.2	638.0	582.8	533.0	484.8	441.8	412.4
-15°	2928.0	1792.1	1166.2	850.9	693.5	613.0	566.3	517.6	473.3	433.4	408.7
-17.5°	2092.3	1340.2	938.3	751.7	652.3	592.5	546.8	502.0	460.9	425.5	404.3
-20°	1401.0	1012.7	812.9	688.2	614.8	567.6	524.6	484.8	448.0	419.6	401.0



REPORT NUMBER: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1010.7	831.4	705.0	631.6	583.1	540.1	501.2	466.0	434.3	412.5	396.9
-25°	809.1	704.2	637.2	591.7	549.5	510.5	477.5	448.2	424.0	406.0	392.2
-27.5°	685.5	628.2	590.8	553.5	517.1	484.4	456.2	431.3	412.7	399.2	388.1
-30°	613.2	580.3	549.0	518.1	487.2	459.4	436.2	418.5	403.8	392.2	382.7
-32.5°	560.8	534.6	508.3	483.6	458.2	436.7	420.6	406.6	395.4	385.6	377.0
-35°	514.7	493.0	472.7	452.5	432.7	419.3	406.5	396.6	387.5	378.8	371.4
-37.5°	477.0	458.9	442.5	426.6	415.4	404.5	395.0	387.1	379.2	372.9	365.4
-40°	442.2	427.8	419.0	409.3	400.6	391.5	385.0	378.4	372.6	366.6	359.0
-42.5°	415.1	408.2	402.0	395.3	388.2	382.3	376.3	370.7	365.3	359.3	351.5
-45°	397.7	393.6	388.7	384.2	379.0	373.6	367.6	362.9	357.9	351.0	343.4
-47.5°	385.5	382.6	378.9	374.9	370.5	365.4	360.3	355.3	348.8	341.9	332.8
-50°	376.6	373.9	370.7	366.8	362.5	358.0	352.0	345.2	338.7	330.8	321.7
-52.5°	369.0	366.0	362.5	358.7	353.5	347.8	341.7	334.6	327.3	318.7	309.4
-55°	359.8	356.7	352.5	347.7	342.3	336.7	330.4	322.7	313.9	305.5	295.4
-57.5°	349.0	345.5	340.7	335.8	330.9	324.2	316.4	308.3	299.3	290.4	280.3
-60°	335.6	331.5	326.4	320.9	315.0	308.3	300.2	291.9	283.7	272.5	260.8
-62.5°	318.6	313.4	308.3	302.4	296.0	289.2	281.2	271.6	261.8	251.7	240.0
-65°	297.4	292.1	287.1	280.1	272.5	264.4	256.3	247.7	238.6	229.3	218.1
-67.5°	270.4	264.5	258.5	251.9	244.6	237.1	229.8	222.3	213.3	203.1	191.1
-70°	237.2	231.4	225.7	220.1	214.2	207.6	200.4	192.4	183.8	174.1	163.4
-72.5°	200.5	196.0	191.5	186.7	181.5	175.3	168.3	160.6	152.4	143.8	135.2
-75°	162.3	158.8	154.8	150.3	145.4	140.1	134.3	128.0	121.7	115.3	108.6
-77.5°	123.4	120.7	117.6	113.8	109.7	105.1	100.2	96.0	91.7	86.8	81.2
-80°	86.9	85.0	82.8	79.9	76.9	73.6	70.1	66.5	62.5	58.6	55.0
-82.5°	55.6	54.3	52.9	51.2	49.3	47.2	44.9	42.4	39.7	36.8	33.7
-85°	31.5	30.8	30.0	28.9	27.8	26.6	25.6	24.3	23.1	21.9	20.7
-87.5°	11.4	11.2	11.0	11.2	11.3	11.5	11.5	11.2	10.8	10.4	10.0
-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: P558976 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-927-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°	9.5	9.1	8.6	8.1	7.6	7.0	6.5	6.0	5.4	4.8	4.2
85°	19.9	18.9	17.9	16.7	15.5	14.1	13.0	11.9	10.8	9.6	8.5
82.5°	31.4	29.9	28.5	27.1	25.7	24.1	22.2	19.9	17.2	14.6	12.7
80°	51.7	48.2	44.6	40.8	37.3	34.2	31.9	29.2	25.4	21.7	18.2
77.5°	75.0	69.0	63.0	57.8	52.4	47.4	42.8	38.5	33.5	28.8	24.2
75°	100.8	92.8	85.0	77.1	68.7	60.4	54.2	48.5	42.3	35.9	30.2
72.5°	126.5	117.2	107.4	97.2	87.5	77.6	67.5	58.4	51.5	44.2	36.5
70°	152.5	141.8	130.9	119.0	106.9	94.9	83.4	71.8	60.6	52.4	43.8
67.5°	178.6	166.0	153.5	140.5	126.8	113.0	99.3	85.9	73.0	60.6	51.1
65°	204.2	190.0	175.4	161.2	146.4	131.0	115.6	100.0	85.1	71.1	58.2
62.5°	227.7	213.9	198.0	181.9	165.7	148.9	131.6	114.5	97.2	81.4	66.5
60°	248.3	234.3	219.8	202.8	185.0	166.8	148.0	128.8	110.0	91.4	75.1
57.5°	267.2	253.6	238.6	222.4	204.1	184.4	164.1	143.2	122.6	102.2	83.4
55°	284.5	270.8	256.4	240.0	221.9	201.6	179.8	157.5	135.0	113.1	91.5
52.5°	298.6	286.5	272.3	256.4	238.1	218.1	195.3	171.4	147.5	123.7	100.7
50°	311.3	300.0	286.7	270.8	253.6	232.8	210.5	185.2	159.6	134.0	109.8
47.5°	322.9	312.0	299.3	284.4	266.6	247.0	223.9	198.7	171.3	144.4	118.4
45°	333.2	322.6	310.7	296.0	279.2	259.2	236.5	211.7	183.0	154.5	126.7
42.5°	342.6	331.9	320.3	307.5	290.0	270.6	248.6	222.9	194.4	164.2	135.0
40°	350.1	340.2	329.2	316.0	300.1	281.5	258.8	233.4	205.2	173.6	143.0
37.5°	357.1	347.2	336.3	324.0	309.3	290.4	268.5	243.3	215.1	182.7	150.7
35°	362.9	353.5	342.7	330.7	316.3	298.8	277.8	252.4	223.4	191.2	158.0
32.5°	368.3	359.0	348.0	336.2	323.0	306.8	285.7	260.1	231.2	199.2	164.8
30°	373.4	363.3	352.9	341.1	328.8	312.7	292.4	267.3	238.4	206.6	171.1
27.5°	377.6	367.0	357.3	345.4	333.0	318.1	298.4	273.9	245.2	213.0	177.1
25°	381.4	370.5	360.4	349.2	336.7	323.0	304.1	279.9	250.8	218.5	182.6
22.5°	384.8	373.6	363.0	352.8	339.9	327.6	308.8	284.5	255.8	223.4	187.5
20°	387.8	376.5	365.1	355.4	342.7	330.3	312.5	288.7	260.2	227.8	191.8
17.5°	390.5	378.8	367.2	357.0	345.1	332.6	315.8	292.4	264.0	231.7	195.7
15°	393.0	380.6	369.0	358.3	346.9	334.5	318.8	295.7	267.3	235.0	198.9
12.5°	395.0	381.9	370.5	359.3	348.4	336.0	321.4	298.5	270.0	237.8	201.7
10°	396.6	382.6	371.5	359.9	349.4	337.2	323.5	300.7	272.2	240.0	203.8
7.5°	397.7	382.8	372.2	360.3	350.1	338.1	324.8	302.2	273.8	241.6	205.4
5°	398.7	383.3	372.9	361.0	350.9	338.9	325.5	303.2	274.9	242.7	206.5
2.5°	400.6	384.7	373.5	361.4	351.4	339.3	325.7	303.6	275.3	243.2	207.0
0°	401.8	385.7	373.7	361.6	351.6	339.5	325.4	303.4	275.2	243.1	206.9
-2.5°	400.6	384.7	373.5	361.4	351.4	339.3	325.7	303.6	275.3	243.2	207.0
-5°	398.7	383.3	372.9	361.0	350.9	338.9	325.5	303.2	274.9	242.7	206.5
-7.5°	397.7	382.8	372.2	360.3	350.1	338.1	324.8	302.2	273.8	241.6	205.4
-10°	396.6	382.6	371.5	359.9	349.4	337.2	323.5	300.7	272.2	240.0	203.8
-12.5°	395.0	381.9	370.5	359.3	348.4	336.0	321.4	298.5	270.0	237.8	201.7
-15°	393.0	380.6	369.0	358.3	346.9	334.5	318.8	295.7	267.3	235.0	198.9
-17.5°	390.5	378.8	367.2	357.0	345.1	332.6	315.8	292.4	264.0	231.7	195.7
-20°	387.8	376.5	365.1	355.4	342.7	330.3	312.5	288.7	260.2	227.8	191.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	384.8	373.6	363.0	352.8	339.9	327.6	308.8	284.5	255.8	223.4	187.5
-25°	381.4	370.5	360.4	349.2	336.7	323.0	304.1	279.9	250.8	218.5	182.6
-27.5°	377.6	367.0	357.3	345.4	333.0	318.1	298.4	273.9	245.2	213.0	177.1
-30°	373.4	363.3	352.9	341.1	328.8	312.7	292.4	267.3	238.4	206.6	171.1
-32.5°	368.3	359.0	348.0	336.2	323.0	306.8	285.7	260.1	231.2	199.2	164.8
-35°	362.9	353.5	342.7	330.7	316.3	298.8	277.8	252.4	223.4	191.2	158.0
-37.5°	357.1	347.2	336.3	324.0	309.3	290.4	268.5	243.3	215.1	182.7	150.7
-40°	350.1	340.2	329.2	316.0	300.1	281.5	258.8	233.4	205.2	173.6	143.0
-42.5°	342.6	331.9	320.3	307.5	290.0	270.6	248.6	222.9	194.4	164.2	135.0
-45°	333.2	322.6	310.7	296.0	279.2	259.2	236.5	211.7	183.0	154.5	126.7
-47.5°	322.9	312.0	299.3	284.4	266.6	247.0	223.9	198.7	171.3	144.4	118.4
-50°	311.3	300.0	286.7	270.8	253.6	232.8	210.5	185.2	159.6	134.0	109.8
-52.5°	298.6	286.5	272.3	256.4	238.1	218.1	195.3	171.4	147.5	123.7	100.7
-55°	284.5	270.8	256.4	240.0	221.9	201.6	179.8	157.5	135.0	113.1	91.5
-57.5°	267.2	253.6	238.6	222.4	204.1	184.4	164.1	143.2	122.6	102.2	83.4
-60°	248.3	234.3	219.8	202.8	185.0	166.8	148.0	128.8	110.0	91.4	75.1
-62.5°	227.7	213.9	198.0	181.9	165.7	148.9	131.6	114.5	97.2	81.4	66.5
-65°	204.2	190.0	175.4	161.2	146.4	131.0	115.6	100.0	85.1	71.1	58.2
-67.5°	178.6	166.0	153.5	140.5	126.8	113.0	99.3	85.9	73.0	60.6	51.1
-70°	152.5	141.8	130.9	119.0	106.9	94.9	83.4	71.8	60.6	52.4	43.8
-72.5°	126.5	117.2	107.4	97.2	87.5	77.6	67.5	58.4	51.5	44.2	36.5
-75°	100.8	92.8	85.0	77.1	68.7	60.4	54.2	48.5	42.3	35.9	30.2
-77.5°	75.0	69.0	63.0	57.8	52.4	47.4	42.8	38.5	33.5	28.8	24.2
-80°	51.7	48.2	44.6	40.8	37.3	34.2	31.9	29.2	25.4	21.7	18.2
-82.5°	31.4	29.9	28.5	27.1	25.7	24.1	22.2	19.9	17.2	14.6	12.7
-85°	19.9	18.9	17.9	16.7	15.5	14.1	13.0	11.9	10.8	9.6	8.5
-87.5°	9.5	9.1	8.6	8.1	7.6	7.0	6.5	6.0	5.4	4.8	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	3.2	2.6	2.0	1.4	0.7	0.0
85°	7.3	6.3	5.2	4.1	2.8	1.4	0.0
82.5°	10.9	9.5	7.9	6.1	4.2	2.1	0.0
80°	14.8	12.6	10.5	8.1	5.6	2.8	0.0
77.5°	19.9	16.1	13.0	10.1	7.0	3.5	0.0
75°	25.0	20.4	15.8	12.1	8.3	4.2	0.0
72.5°	30.0	24.6	19.2	14.1	9.7	4.8	0.0
70°	35.2	28.8	22.5	16.2	11.0	5.5	0.0
67.5°	41.5	32.9	25.8	18.6	12.3	6.2	0.0
65°	47.7	37.4	29.0	21.1	13.6	6.8	0.0
62.5°	53.7	42.4	32.2	23.4	14.9	7.4	0.0
60°	59.6	47.3	35.3	25.8	16.1	8.0	0.0
57.5°	66.6	52.0	39.0	28.1	17.6	8.6	0.0
55°	73.6	56.6	42.6	30.3	19.0	9.2	0.0
52.5°	80.4	61.2	46.2	32.4	20.5	9.8	0.0
50°	87.0	66.7	49.5	34.5	21.8	10.3	0.0
47.5°	93.5	72.0	52.8	36.7	23.1	10.9	0.0
45°	100.5	77.0	55.9	39.0	24.4	11.4	0.0
42.5°	107.3	81.9	58.9	41.2	25.6	11.9	0.0
40°	113.7	86.5	62.2	43.3	26.8	12.3	0.0
37.5°	119.8	91.0	65.7	45.2	27.9	12.8	0.0
35°	125.5	95.5	69.0	47.0	28.9	13.2	0.0
32.5°	131.0	100.0	72.1	48.7	29.9	13.6	0.0
30°	136.4	104.1	75.1	50.3	30.8	13.9	0.0
27.5°	141.4	107.9	77.7	51.7	31.6	14.3	0.0
25°	146.0	111.4	80.2	53.0	32.4	14.6	0.0
22.5°	150.2	114.6	82.4	54.1	33.1	14.9	0.0
20°	154.0	117.5	84.4	55.1	33.8	15.1	0.0
17.5°	157.4	120.1	86.3	56.0	34.3	15.4	0.0
15°	160.4	122.3	87.9	56.7	34.8	15.6	0.0
12.5°	163.0	124.2	89.2	57.3	35.2	15.7	0.0
10°	165.1	125.8	90.4	57.8	35.6	15.9	0.0
7.5°	166.7	127.0	91.2	58.1	35.9	16.0	0.0
5°	167.9	127.9	91.9	58.3	36.0	16.0	0.0
2.5°	168.6	128.4	92.3	58.4	36.2	16.1	0.0
0°	168.8	128.6	92.4	58.3	36.2	16.1	0.0
-2.5°	168.6	128.4	92.3	58.4	36.2	16.1	0.0
-5°	167.9	127.9	91.9	58.3	36.0	16.0	0.0
-7.5°	166.7	127.0	91.2	58.1	35.9	16.0	0.0
-10°	165.1	125.8	90.4	57.8	35.6	15.9	0.0
-12.5°	163.0	124.2	89.2	57.3	35.2	15.7	0.0
-15°	160.4	122.3	87.9	56.7	34.8	15.6	0.0
-17.5°	157.4	120.1	86.3	56.0	34.3	15.4	0.0
-20°	154.0	117.5	84.4	55.1	33.8	15.1	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	150.2	114.6	82.4	54.1	33.1	14.9	0.0
-25°	146.0	111.4	80.2	53.0	32.4	14.6	0.0
-27.5°	141.4	107.9	77.7	51.7	31.6	14.3	0.0
-30°	136.4	104.1	75.1	50.3	30.8	13.9	0.0
-32.5°	131.0	100.0	72.1	48.7	29.9	13.6	0.0
-35°	125.5	95.5	69.0	47.0	28.9	13.2	0.0
-37.5°	119.8	91.0	65.7	45.2	27.9	12.8	0.0
-40°	113.7	86.5	62.2	43.3	26.8	12.3	0.0
-42.5°	107.3	81.9	58.9	41.2	25.6	11.9	0.0
-45°	100.5	77.0	55.9	39.0	24.4	11.4	0.0
-47.5°	93.5	72.0	52.8	36.7	23.1	10.9	0.0
-50°	87.0	66.7	49.5	34.5	21.8	10.3	0.0
-52.5°	80.4	61.2	46.2	32.4	20.5	9.8	0.0
-55°	73.6	56.6	42.6	30.3	19.0	9.2	0.0
-57.5°	66.6	52.0	39.0	28.1	17.6	8.6	0.0
-60°	59.6	47.3	35.3	25.8	16.1	8.0	0.0
-62.5°	53.7	42.4	32.2	23.4	14.9	7.4	0.0
-65°	47.7	37.4	29.0	21.1	13.6	6.8	0.0
-67.5°	41.5	32.9	25.8	18.6	12.3	6.2	0.0
-70°	35.2	28.8	22.5	16.2	11.0	5.5	0.0
-72.5°	30.0	24.6	19.2	14.1	9.7	4.8	0.0
-75°	25.0	20.4	15.8	12.1	8.3	4.2	0.0
-77.5°	19.9	16.1	13.0	10.1	7.0	3.5	0.0
-80°	14.8	12.6	10.5	8.1	5.6	2.8	0.0
-82.5°	10.9	9.5	7.9	6.1	4.2	2.1	0.0
-85°	7.3	6.3	5.2	4.1	2.8	1.4	0.0
-87.5°	3.6	3.2	2.6	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)