

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: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-940-U-NR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA4B-940-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

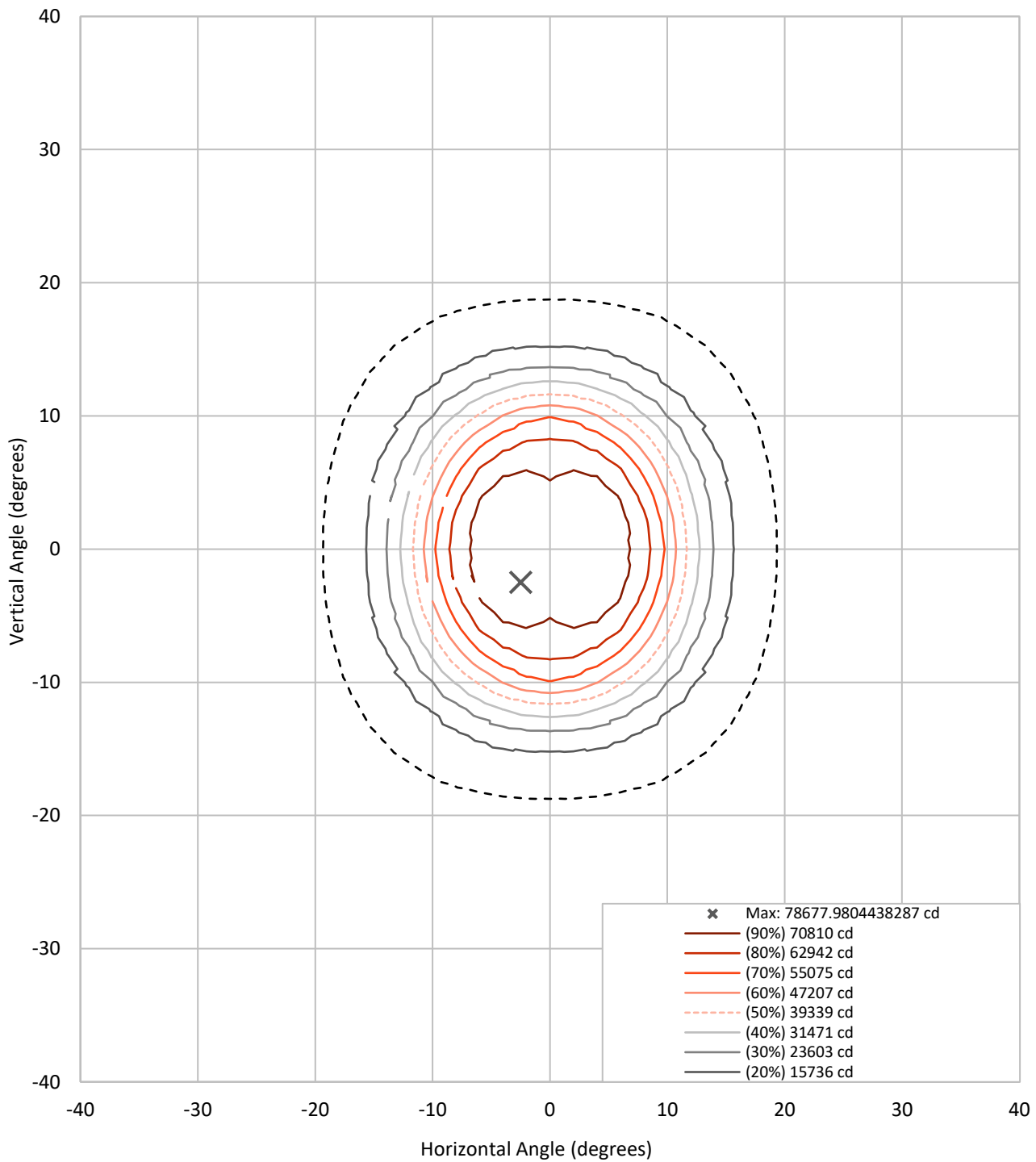
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	14877.9 lumens	Max Intensity:	78678 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	118.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	8032.1 lumens	Field Lumens:	12112.8 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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





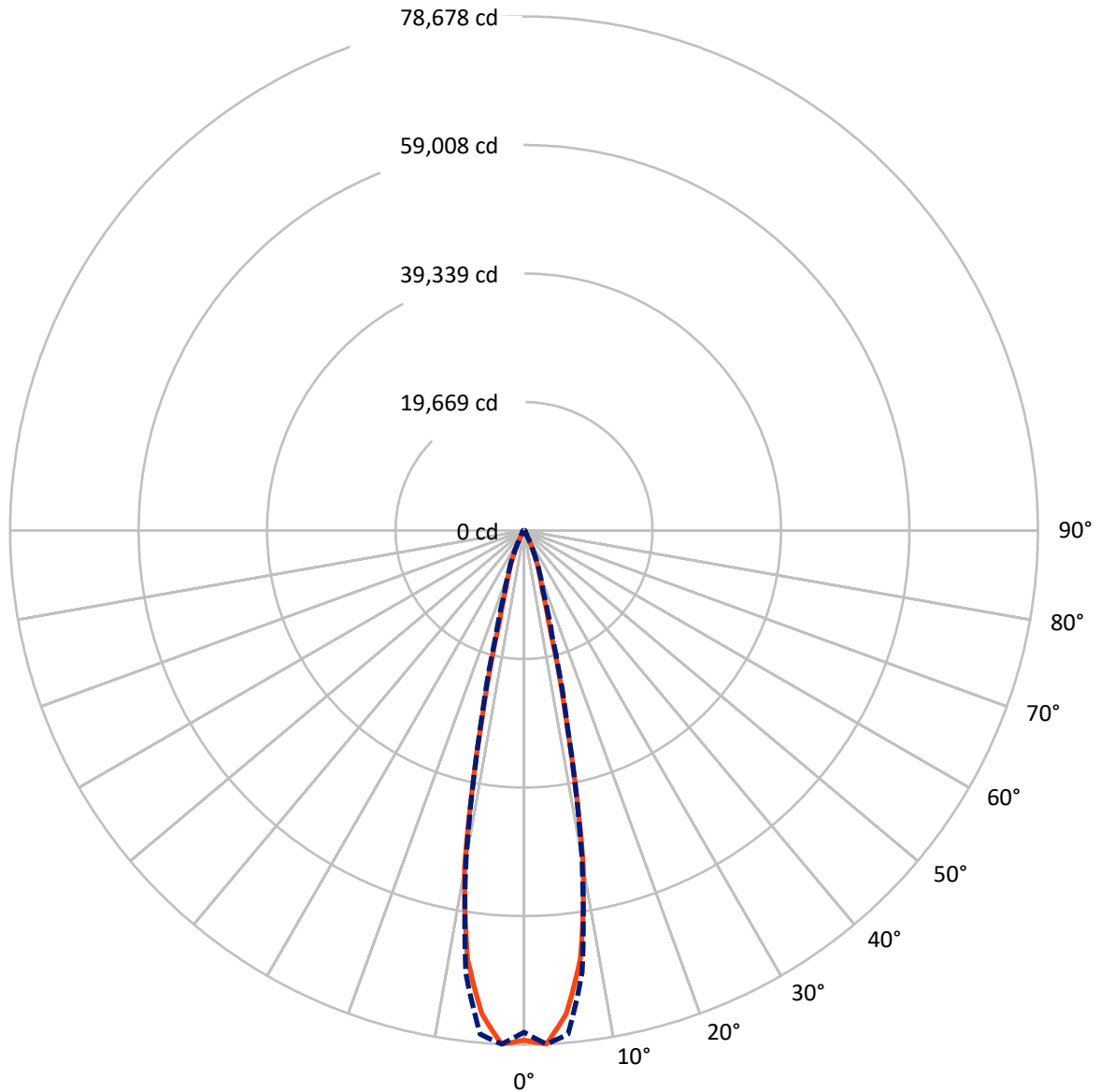
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### Lumen Table

90	0.2	1.5		4.0		6.4		7.4		6.4		4.0		1.5		0.2			
80	0.2	1.5		4.0		6.4		7.4		6.4		4.0		1.5		0.2			
70	0.7	0.8	1.6	2.6	3.6	4.4	5.1	5.4	5.4	5.1	4.4	3.6	2.6	1.6	0.8	0.7			
60		1.2	2.4	3.7	4.9	5.9	6.5	6.8	6.8	6.5	5.9	4.9	3.7	2.4	1.2				
50	1.3	1.5	3.0	4.5	5.7	7.0	8.0	8.5	8.5	8.0	7.0	5.7	4.5	3.0	1.5	1.3			
40		1.9	3.5	5.0	6.8	9.2	12.2	14.6	14.6	12.2	9.2	6.8	5.0	3.5	1.9				
30	1.7	2.1	3.8	5.6	8.4	15.2	45.7	89.0	89.0	45.7	15.2	8.4	5.6	3.8	2.1	1.7			
20		2.2	3.9	5.9	10.5	45.1	208.3	535.6	535.6	208.3	45.1	10.5	5.9	3.9	2.2				
10	1.8	2.3	4.0	6.2	12.6	87.9	542.4	1916.3	1916.3	542.4	87.9	12.6	6.2	4.0	2.3	1.8			
0		2.3	4.0	6.2	12.6	87.9	542.4	1916.3	1916.3	542.4	87.9	12.6	6.2	4.0	2.3				
-10	1.7	2.2	3.9	5.9	10.5	45.1	208.3	535.6	535.6	208.3	45.1	10.5	5.9	3.9	2.2	1.7			
-20		2.1	3.8	5.6	8.4	15.2	45.7	89.0	89.0	45.7	15.2	8.4	5.6	3.8	2.1				
-30	1.3	1.9	3.5	5.0	6.8	9.2	12.2	14.6	14.6	12.2	9.2	6.8	5.0	3.5	1.9	1.3			
-40		1.5	3.0	4.5	5.7	7.0	8.0	8.5	8.5	8.0	7.0	5.7	4.5	3.0	1.5				
-50	0.7	1.2	2.4	3.7	4.9	5.9	6.5	6.8	6.8	6.5	5.9	4.9	3.7	2.4	1.2	0.7			
-60		0.8	1.6	2.6	3.6	4.4	5.1	5.4	5.4	5.1	4.4	3.6	2.6	1.6	0.8				
-70	0.2	1.5		4.0		6.4		7.4		6.4		4.0		1.5		0.2			
-80		1.5		4.0		6.4		7.4		6.4		4.0		1.5					
-90	0.2	1.5		4.0		6.4		7.4		6.4		4.0		1.5		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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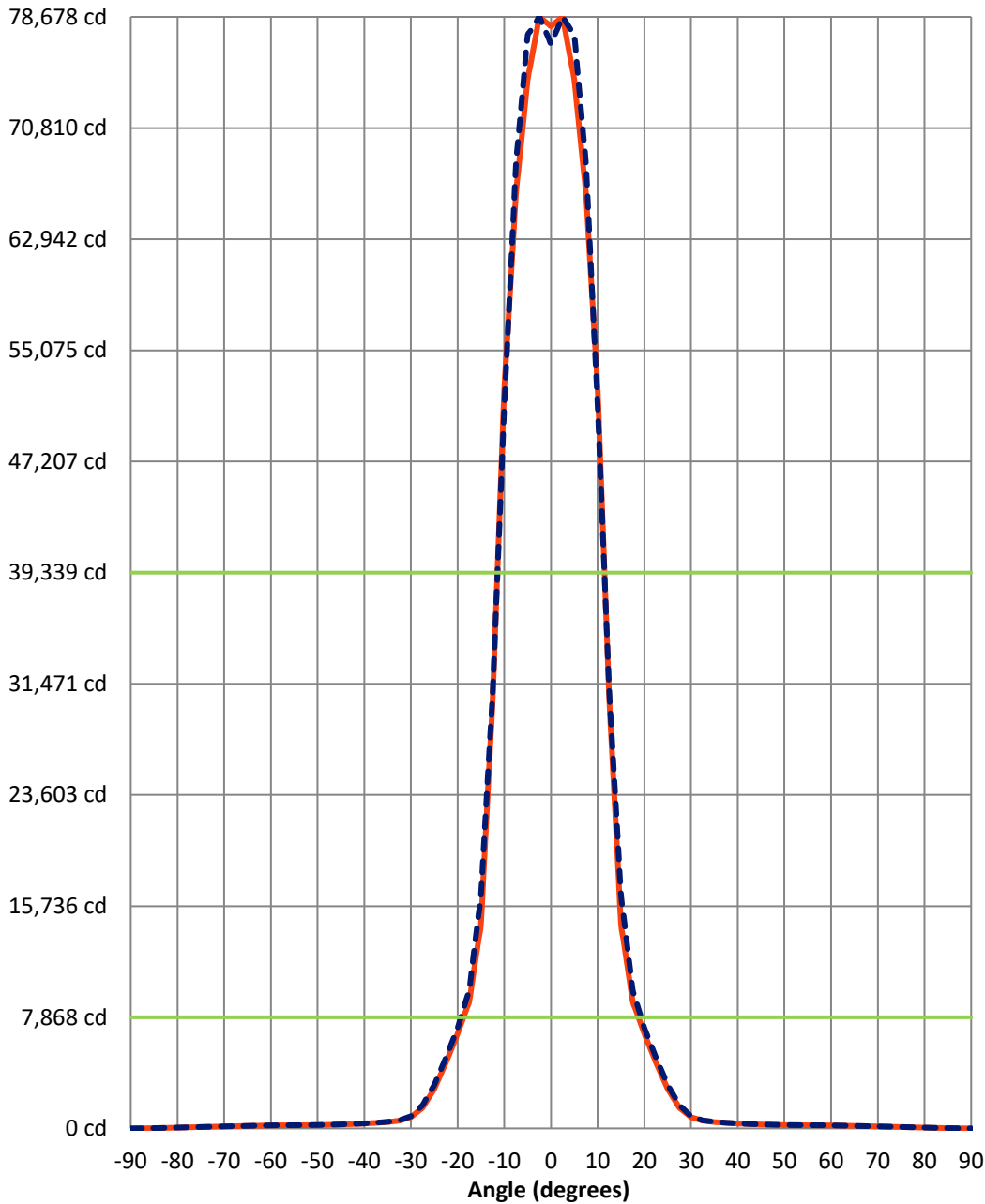
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg    - - - Horizontal Distribution Through -2.5-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 22.9°  
V Angle: 22.9°  
Lumens: 8032.1  
Efficiency: 54.0%

**Field:**  
H Angle: 38.6°  
V Angle: 37.5°  
Lumens: 12112.8  
Efficiency: 81.4%

**Spill:**  
Lumens: 2765.1  
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg  
- - Horizontal Distribution through -2.5-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	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.3	12.0
80°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.8	13.1	15.4	17.8
77.5°	0.0	1.8	3.6	5.4	7.2	9.3	11.9	14.7	17.5	20.5	23.8
75°	0.0	2.1	4.3	6.4	8.7	12.0	15.1	18.4	22.0	26.2	30.1
72.5°	0.0	2.5	5.0	7.5	10.9	14.7	18.3	22.4	27.3	32.0	36.4
70°	0.0	2.8	5.7	8.6	13.1	17.4	21.5	27.1	32.5	37.8	43.9
67.5°	0.0	3.2	6.3	10.3	15.3	20.1	25.6	31.7	37.8	44.8	51.7
65°	0.0	3.5	7.0	11.9	17.5	23.0	29.5	36.3	43.9	51.7	59.5
62.5°	0.0	3.8	7.7	13.6	19.6	26.2	33.4	41.4	50.0	58.6	67.5
60°	0.0	4.1	8.3	15.2	21.7	29.3	37.2	46.5	55.9	65.7	75.4
57.5°	0.0	4.5	9.3	16.7	24.0	32.3	41.5	51.6	62.0	72.6	83.1
55°	0.0	4.8	10.3	18.2	26.4	35.2	45.7	56.6	68.0	79.4	90.7
52.5°	0.0	5.1	11.3	19.7	28.6	38.2	49.8	61.7	73.9	86.0	98.0
50°	0.0	5.3	12.3	21.2	30.8	41.5	53.8	66.7	79.6	92.4	105.4
47.5°	0.0	5.6	13.2	22.6	32.8	44.7	57.7	71.6	85.1	98.7	112.6
45°	0.0	5.9	14.1	24.1	34.8	47.8	61.8	76.4	90.5	105.0	119.7
42.5°	0.0	6.1	14.9	25.5	36.7	50.7	65.7	80.9	95.7	111.1	126.0
40°	0.0	6.4	15.7	26.8	38.7	53.5	69.5	85.2	100.7	117.1	131.8
37.5°	0.0	6.6	16.5	28.1	40.9	56.2	73.1	89.4	105.7	122.5	137.4
35°	0.0	6.8	17.2	29.3	42.9	59.0	76.5	93.3	110.4	127.1	142.7
32.5°	0.0	7.0	17.9	30.4	44.8	61.6	79.8	97.0	114.7	131.5	147.8
30°	0.0	7.2	18.5	31.4	46.6	64.2	82.7	100.5	118.8	135.6	152.5
27.5°	0.0	7.4	19.1	32.4	48.3	66.5	85.5	103.8	122.4	139.4	156.7
25°	0.0	7.5	19.7	33.3	49.8	68.7	88.0	106.8	125.5	142.9	160.5
22.5°	0.0	7.7	20.2	34.1	51.3	70.7	90.3	109.5	128.3	146.0	163.8
20°	0.0	7.8	20.6	34.8	52.7	72.6	92.4	111.9	130.8	148.7	166.7
17.5°	0.0	7.9	21.0	35.5	53.9	74.2	94.3	114.1	133.1	151.1	169.3
15°	0.0	8.0	21.3	36.0	55.0	75.5	95.8	116.0	135.1	153.0	171.6
12.5°	0.0	8.1	21.6	36.5	55.9	76.7	97.2	117.5	136.8	154.6	173.4
10°	0.0	8.2	21.9	36.9	56.7	77.6	98.3	118.8	138.1	156.2	174.9
7.5°	0.0	8.2	22.1	37.2	57.4	78.4	99.1	119.8	139.2	157.6	176.0
5°	0.0	8.3	22.2	37.4	57.9	78.9	99.7	120.5	140.0	158.7	176.6
2.5°	0.0	8.3	22.3	37.6	58.2	79.2	100.1	121.0	140.4	159.5	176.8
0°	0.0	8.3	22.3	37.6	58.4	79.3	100.2	121.1	140.6	160.0	176.7
-2.5°	0.0	8.3	22.3	37.6	58.4	79.3	100.2	121.1	140.6	160.0	176.7
-5°	0.0	8.3	22.2	37.4	57.9	78.9	99.7	120.5	140.0	158.7	176.6
-7.5°	0.0	8.2	22.1	37.2	57.4	78.4	99.1	119.8	139.2	157.6	176.0
-10°	0.0	8.2	21.9	36.9	56.7	77.6	98.3	118.8	138.1	156.2	174.9
-12.5°	0.0	8.1	21.6	36.5	55.9	76.7	97.2	117.5	136.8	154.6	173.4
-15°	0.0	8.0	21.3	36.0	55.0	75.5	95.8	116.0	135.1	153.0	171.6
-17.5°	0.0	7.9	21.0	35.5	53.9	74.2	94.3	114.1	133.1	151.1	169.3
-20°	0.0	7.8	20.6	34.8	52.7	72.6	92.4	111.9	130.8	148.7	166.7



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 CATALOG NUMBER: GFLD-SA4B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.7	20.2	34.1	51.3	70.7	90.3	109.5	128.3	146.0	163.8
-25°	0.0	7.5	19.7	33.3	49.8	68.7	88.0	106.8	125.5	142.9	160.5
-27.5°	0.0	7.4	19.1	32.4	48.3	66.5	85.5	103.8	122.4	139.4	156.7
-30°	0.0	7.2	18.5	31.4	46.6	64.2	82.7	100.5	118.8	135.6	152.5
-32.5°	0.0	7.0	17.9	30.4	44.8	61.6	79.8	97.0	114.7	131.5	147.8
-35°	0.0	6.8	17.2	29.3	42.9	59.0	76.5	93.3	110.4	127.1	142.7
-37.5°	0.0	6.6	16.5	28.1	40.9	56.2	73.1	89.4	105.7	122.5	137.4
-40°	0.0	6.4	15.7	26.8	38.7	53.5	69.5	85.2	100.7	117.1	131.8
-42.5°	0.0	6.1	14.9	25.5	36.7	50.7	65.7	80.9	95.7	111.1	126.0
-45°	0.0	5.9	14.1	24.1	34.8	47.8	61.8	76.4	90.5	105.0	119.7
-47.5°	0.0	5.6	13.2	22.6	32.8	44.7	57.7	71.6	85.1	98.7	112.6
-50°	0.0	5.3	12.3	21.2	30.8	41.5	53.8	66.7	79.6	92.4	105.4
-52.5°	0.0	5.1	11.3	19.7	28.6	38.2	49.8	61.7	73.9	86.0	98.0
-55°	0.0	4.8	10.3	18.2	26.4	35.2	45.7	56.6	68.0	79.4	90.7
-57.5°	0.0	4.5	9.3	16.7	24.0	32.3	41.5	51.6	62.0	72.6	83.1
-60°	0.0	4.1	8.3	15.2	21.7	29.3	37.2	46.5	55.9	65.7	75.4
-62.5°	0.0	3.8	7.7	13.6	19.6	26.2	33.4	41.4	50.0	58.6	67.5
-65°	0.0	3.5	7.0	11.9	17.5	23.0	29.5	36.3	43.9	51.7	59.5
-67.5°	0.0	3.2	6.3	10.3	15.3	20.1	25.6	31.7	37.8	44.8	51.7
-70°	0.0	2.8	5.7	8.6	13.1	17.4	21.5	27.1	32.5	37.8	43.9
-72.5°	0.0	2.5	5.0	7.5	10.9	14.7	18.3	22.4	27.3	32.0	36.4
-75°	0.0	2.1	4.3	6.4	8.7	12.0	15.1	18.4	22.0	26.2	30.1
-77.5°	0.0	1.8	3.6	5.4	7.2	9.3	11.9	14.7	17.5	20.5	23.8
-80°	0.0	1.4	2.9	4.3	5.7	7.2	8.7	10.8	13.1	15.4	17.8
-82.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.5	8.6	10.3	12.0
-85°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.3	7.0
-87.5°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5
-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°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
85°	7.7	8.3	9.3	10.1	11.0	11.7	12.4	12.9	13.8	14.6	15.5
82.5°	13.5	14.9	16.2	17.4	18.4	19.3	20.3	21.7	23.5	25.1	26.6
80°	19.8	21.6	23.6	25.7	27.9	30.0	32.2	34.4	36.3	38.1	40.0
77.5°	26.6	29.4	32.3	35.2	38.2	41.5	44.7	47.8	50.6	53.4	56.2
75°	33.6	37.2	41.5	45.7	49.8	53.8	57.7	61.7	65.4	69.0	72.5
72.5°	41.4	46.5	51.6	56.6	61.9	67.0	71.8	76.2	80.8	85.5	89.8
70°	50.0	55.9	62.2	68.6	74.9	80.6	86.2	92.0	97.8	102.7	107.0
67.5°	58.6	65.9	73.2	80.5	87.4	94.0	100.8	107.2	113.2	118.3	123.2
65°	67.5	75.7	83.8	91.7	99.4	107.2	114.6	121.5	127.9	133.8	139.2
62.5°	76.3	85.3	94.1	102.9	111.9	120.4	128.1	135.5	142.5	148.7	154.7
60°	85.0	94.7	104.4	114.2	123.9	132.9	141.2	148.8	156.0	163.0	169.1
57.5°	93.5	103.8	114.5	125.0	135.2	144.9	153.3	161.5	168.9	175.9	182.3
55°	101.8	112.8	124.2	135.3	145.9	155.9	165.0	173.1	181.0	187.4	193.6
52.5°	110.1	121.6	133.5	145.1	155.9	166.3	175.7	183.9	191.1	197.7	203.1
50°	118.2	130.2	142.5	154.2	165.4	176.0	185.4	193.3	200.1	206.2	211.3
47.5°	125.8	138.5	150.6	162.8	174.2	184.6	193.9	201.4	208.1	213.5	218.3
45°	133.0	146.2	158.8	170.7	182.3	192.6	201.2	208.7	214.9	220.3	225.1
42.5°	139.8	153.6	166.4	178.3	189.7	199.6	208.0	215.1	221.4	226.7	232.0
40°	146.4	160.8	173.7	185.5	196.6	206.0	213.9	221.1	227.2	233.3	239.1
37.5°	152.8	167.4	180.8	192.7	202.5	211.7	219.5	226.5	233.5	240.1	247.9
35°	158.9	173.7	187.2	198.9	208.6	216.6	224.6	232.3	240.3	248.7	257.8
32.5°	164.6	179.8	193.5	204.2	213.3	221.4	229.7	238.9	248.4	258.1	269.2
30°	169.6	185.3	199.1	209.2	217.6	225.6	235.3	245.9	257.1	268.2	281.1
27.5°	174.1	190.5	203.3	213.1	221.3	229.0	239.9	253.7	265.7	277.5	291.8
25°	178.1	194.6	207.2	216.4	224.1	232.4	243.7	257.8	273.0	285.9	305.7
22.5°	181.7	198.4	210.8	219.3	226.3	235.3	246.7	260.6	276.3	292.4	320.0
20°	184.7	201.1	213.8	221.8	227.9	237.3	248.3	262.6	280.0	303.4	333.8
17.5°	187.4	203.9	216.1	223.5	230.0	238.8	248.9	263.7	284.0	313.2	346.5
15°	189.6	206.6	218.0	224.8	231.5	240.3	251.2	266.7	290.0	322.3	358.3
12.5°	191.5	209.2	219.6	225.9	232.6	241.3	253.7	271.4	297.2	331.3	371.2
10°	193.0	211.6	220.9	226.8	233.1	242.1	255.8	275.0	303.2	339.7	382.6
7.5°	194.3	213.5	221.9	227.4	233.2	242.4	257.6	277.6	307.5	346.6	392.2
5°	195.3	214.7	222.8	227.9	233.1	242.6	258.9	279.3	310.2	351.9	399.3
2.5°	196.0	215.5	223.5	228.1	232.9	242.5	259.9	282.0	313.6	355.7	403.6
0°	196.2	215.7	224.0	228.2	232.4	242.1	260.2	283.9	315.9	357.6	405.0
-2.5°	196.0	215.5	223.5	228.1	232.9	242.5	259.9	282.0	313.6	355.7	403.6
-5°	195.3	214.7	222.8	227.9	233.1	242.6	258.9	279.3	310.2	351.9	399.3
-7.5°	194.3	213.5	221.9	227.4	233.2	242.4	257.6	277.6	307.5	346.6	392.2
-10°	193.0	211.6	220.9	226.8	233.1	242.1	255.8	275.0	303.2	339.7	382.6
-12.5°	191.5	209.2	219.6	225.9	232.6	241.3	253.7	271.4	297.2	331.3	371.2
-15°	189.6	206.6	218.0	224.8	231.5	240.3	251.2	266.7	290.0	322.3	358.3
-17.5°	187.4	203.9	216.1	223.5	230.0	238.8	248.9	263.7	284.0	313.2	346.5
-20°	184.7	201.1	213.8	221.8	227.9	237.3	248.3	262.6	280.0	303.4	333.8



REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	181.7	198.4	210.8	219.3	226.3	235.3	246.7	260.6	276.3	292.4	320.0
-25°	178.1	194.6	207.2	216.4	224.1	232.4	243.7	257.8	273.0	285.9	305.7
-27.5°	174.1	190.5	203.3	213.1	221.3	229.0	239.9	253.7	265.7	277.5	291.8
-30°	169.6	185.3	199.1	209.2	217.6	225.6	235.3	245.9	257.1	268.2	281.1
-32.5°	164.6	179.8	193.5	204.2	213.3	221.4	229.7	238.9	248.4	258.1	269.2
-35°	158.9	173.7	187.2	198.9	208.6	216.6	224.6	232.3	240.3	248.7	257.8
-37.5°	152.8	167.4	180.8	192.7	202.5	211.7	219.5	226.5	233.5	240.1	247.9
-40°	146.4	160.8	173.7	185.5	196.6	206.0	213.9	221.1	227.2	233.3	239.1
-42.5°	139.8	153.6	166.4	178.3	189.7	199.6	208.0	215.1	221.4	226.7	232.0
-45°	133.0	146.2	158.8	170.7	182.3	192.6	201.2	208.7	214.9	220.3	225.1
-47.5°	125.8	138.5	150.6	162.8	174.2	184.6	193.9	201.4	208.1	213.5	218.3
-50°	118.2	130.2	142.5	154.2	165.4	176.0	185.4	193.3	200.1	206.2	211.3
-52.5°	110.1	121.6	133.5	145.1	155.9	166.3	175.7	183.9	191.1	197.7	203.1
-55°	101.8	112.8	124.2	135.3	145.9	155.9	165.0	173.1	181.0	187.4	193.6
-57.5°	93.5	103.8	114.5	125.0	135.2	144.9	153.3	161.5	168.9	175.9	182.3
-60°	85.0	94.7	104.4	114.2	123.9	132.9	141.2	148.8	156.0	163.0	169.1
-62.5°	76.3	85.3	94.1	102.9	111.9	120.4	128.1	135.5	142.5	148.7	154.7
-65°	67.5	75.7	83.8	91.7	99.4	107.2	114.6	121.5	127.9	133.8	139.2
-67.5°	58.6	65.9	73.2	80.5	87.4	94.0	100.8	107.2	113.2	118.3	123.2
-70°	50.0	55.9	62.2	68.6	74.9	80.6	86.2	92.0	97.8	102.7	107.0
-72.5°	41.4	46.5	51.6	56.6	61.9	67.0	71.8	76.2	80.8	85.5	89.8
-75°	33.6	37.2	41.5	45.7	49.8	53.8	57.7	61.7	65.4	69.0	72.5
-77.5°	26.6	29.4	32.3	35.2	38.2	41.5	44.7	47.8	50.6	53.4	56.2
-80°	19.8	21.6	23.6	25.7	27.9	30.0	32.2	34.4	36.3	38.1	40.0
-82.5°	13.5	14.9	16.2	17.4	18.4	19.3	20.3	21.7	23.5	25.1	26.6
-85°	7.7	8.3	9.3	10.1	11.0	11.7	12.4	12.9	13.8	14.6	15.5
-87.5°	3.8	4.1	4.5	4.8	5.1	5.3	5.6	5.9	6.1	6.4	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-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°	6.8	6.7	6.6	6.5	6.3	6.8	7.2	7.6	8.0	8.1	8.2
85°	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.0	20.6	21.2
82.5°	27.9	29.0	30.0	31.0	31.9	32.9	34.0	35.0	35.9	36.4	36.9
80°	41.9	43.8	45.5	47.0	48.4	50.0	51.6	53.1	54.4	55.2	55.9
77.5°	58.9	61.2	63.4	65.4	67.4	69.3	70.9	72.2	73.2	74.4	75.6
75°	75.7	78.9	81.8	84.5	86.9	88.9	90.9	92.6	94.2	95.6	96.8
72.5°	93.7	97.3	100.5	103.4	106.2	108.9	111.4	113.7	115.6	117.3	118.7
70°	111.1	114.9	118.8	122.4	125.7	128.8	131.5	133.9	136.0	137.8	139.3
67.5°	127.8	132.2	136.5	140.6	144.2	147.4	150.5	153.4	155.9	157.9	159.3
65°	144.4	149.3	154.0	158.2	161.9	165.2	168.7	171.7	174.3	176.2	177.4
62.5°	160.6	165.8	170.4	174.7	178.9	182.4	185.4	188.1	190.7	192.8	194.1
60°	175.0	180.5	184.9	189.0	192.8	196.3	199.2	202.1	204.8	207.2	209.0
57.5°	187.7	192.8	197.4	201.0	204.4	207.5	210.4	212.8	214.7	216.1	217.4
55°	198.8	203.4	207.6	211.2	214.2	216.7	218.9	220.6	221.9	222.8	223.5
52.5°	208.3	212.5	216.7	220.3	222.5	224.6	226.4	228.4	229.6	229.8	229.7
50°	215.9	220.4	224.2	227.3	230.4	233.9	237.6	239.4	240.2	239.6	239.0
47.5°	222.9	227.2	231.4	235.3	239.9	245.7	251.7	254.5	254.3	253.0	252.4
45°	229.8	234.5	239.4	245.4	251.7	259.4	266.3	270.7	270.7	270.8	271.8
42.5°	236.9	242.8	249.4	257.6	266.0	274.5	281.9	287.4	291.4	296.3	300.4
40°	245.7	252.3	262.2	272.3	283.1	292.2	303.7	313.6	321.7	329.1	334.7
37.5°	256.0	265.5	278.1	291.1	305.1	319.2	332.7	345.2	355.9	368.1	377.2
35°	268.4	281.9	297.2	313.4	330.9	348.9	366.2	386.1	403.6	419.3	432.1
32.5°	282.9	299.2	317.9	339.5	361.4	385.1	409.9	435.6	460.3	486.0	511.7
30°	297.4	318.9	342.8	369.1	394.7	425.7	458.1	500.0	544.0	594.1	671.1
27.5°	315.1	340.8	368.6	398.8	434.1	473.8	536.1	613.6	745.8	844.6	1110.1
25°	332.4	361.8	397.5	436.6	484.1	556.7	705.5	877.7	1261.2	1620.2	2034.9
22.5°	349.9	386.6	429.4	477.1	559.6	746.4	1029.9	1549.1	2141.4	2770.2	3410.6
20°	367.6	410.8	464.4	544.1	716.9	1036.3	1672.7	2507.0	3348.7	4377.0	5266.3
17.5°	387.6	441.0	511.1	631.0	915.6	1600.1	2541.4	3699.1	5001.6	6323.6	7433.6
15°	404.1	466.6	560.5	794.9	1332.2	2240.3	3472.2	5041.4	6817.5	8488.7	9914.3
12.5°	422.2	495.1	618.5	927.8	1716.6	2910.5	4533.8	6464.9	8595.6	10885.6	14511.4
10°	439.0	523.7	715.9	1203.9	2159.6	3587.6	5484.7	7660.5	10244.5	14829.5	23400.4
7.5°	453.1	546.3	789.0	1409.7	2560.6	4226.5	6259.7	8682.7	12567.8	20270.7	34693.5
5°	462.7	561.4	839.9	1563.6	2880.0	4697.8	6755.2	9355.9	14938.0	26922.0	44288.4
2.5°	469.5	569.5	867.0	1653.3	3082.1	5009.8	7106.3	9808.9	16529.4	30769.3	51116.3
0°	474.5	572.0	872.5	1731.2	3150.6	5115.6	7123.6	9930.5	17075.0	32271.4	53549.1
-2.5°	469.5	569.5	867.0	1653.3	3082.1	5009.8	7106.3	9808.9	16529.4	30769.3	51116.3
-5°	462.7	561.4	839.9	1563.6	2880.0	4697.8	6755.2	9355.9	14938.0	26922.0	44288.4
-7.5°	453.1	546.3	789.0	1409.7	2560.6	4226.5	6259.7	8682.7	12567.8	20270.7	34693.5
-10°	439.0	523.7	715.9	1203.9	2159.6	3587.6	5484.7	7660.5	10244.5	14829.5	23400.4
-12.5°	422.2	495.1	618.5	927.8	1716.6	2910.5	4533.8	6464.9	8595.6	10885.6	14511.4
-15°	404.1	466.6	560.5	794.9	1332.2	2240.3	3472.2	5041.4	6817.5	8488.7	9914.3
-17.5°	387.6	441.0	511.1	631.0	915.6	1600.1	2541.4	3699.1	5001.6	6323.6	7433.6
-20°	367.6	410.8	464.4	544.1	716.9	1036.3	1672.7	2507.0	3348.7	4377.0	5266.3



REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	349.9	386.6	429.4	477.1	559.6	746.4	1029.9	1549.1	2141.4	2770.2	3410.6
-25°	332.4	361.8	397.5	436.6	484.1	556.7	705.5	877.7	1261.2	1620.2	2034.9
-27.5°	315.1	340.8	368.6	398.8	434.1	473.8	536.1	613.6	745.8	844.6	1110.1
-30°	297.4	318.9	342.8	369.1	394.7	425.7	458.1	500.0	544.0	594.1	671.1
-32.5°	282.9	299.2	317.9	339.5	361.4	385.1	409.9	435.6	460.3	486.0	511.7
-35°	268.4	281.9	297.2	313.4	330.9	348.9	366.2	386.1	403.6	419.3	432.1
-37.5°	256.0	265.5	278.1	291.1	305.1	319.2	332.7	345.2	355.9	368.1	377.2
-40°	245.7	252.3	262.2	272.3	283.1	292.2	303.7	313.6	321.7	329.1	334.7
-42.5°	236.9	242.8	249.4	257.6	266.0	274.5	281.9	287.4	291.4	296.3	300.4
-45°	229.8	234.5	239.4	245.4	251.7	259.4	266.3	270.7	270.7	270.8	271.8
-47.5°	222.9	227.2	231.4	235.3	239.9	245.7	251.7	254.5	254.3	253.0	252.4
-50°	215.9	220.4	224.2	227.3	230.4	233.9	237.6	239.4	240.2	239.6	239.0
-52.5°	208.3	212.5	216.7	220.3	222.5	224.6	226.4	228.4	229.6	229.8	229.7
-55°	198.8	203.4	207.6	211.2	214.2	216.7	218.9	220.6	221.9	222.8	223.5
-57.5°	187.7	192.8	197.4	201.0	204.4	207.5	210.4	212.8	214.7	216.1	217.4
-60°	175.0	180.5	184.9	189.0	192.8	196.3	199.2	202.1	204.8	207.2	209.0
-62.5°	160.6	165.8	170.4	174.7	178.9	182.4	185.4	188.1	190.7	192.8	194.1
-65°	144.4	149.3	154.0	158.2	161.9	165.2	168.7	171.7	174.3	176.2	177.4
-67.5°	127.8	132.2	136.5	140.6	144.2	147.4	150.5	153.4	155.9	157.9	159.3
-70°	111.1	114.9	118.8	122.4	125.7	128.8	131.5	133.9	136.0	137.8	139.3
-72.5°	93.7	97.3	100.5	103.4	106.2	108.9	111.4	113.7	115.6	117.3	118.7
-75°	75.7	78.9	81.8	84.5	86.9	88.9	90.9	92.6	94.2	95.6	96.8
-77.5°	58.9	61.2	63.4	65.4	67.4	69.3	70.9	72.2	73.2	74.4	75.6
-80°	41.9	43.8	45.5	47.0	48.4	50.0	51.6	53.1	54.4	55.2	55.9
-82.5°	27.9	29.0	30.0	31.0	31.9	32.9	34.0	35.0	35.9	36.4	36.9
-85°	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.7	20.0	20.6	21.2
-87.5°	6.8	6.7	6.6	6.5	6.3	6.8	7.2	7.6	8.0	8.1	8.2
-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: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-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°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.6
85°	21.7	22.2	21.6	20.9	21.6	22.2	21.7	21.2	20.6	20.0	19.7
82.5°	37.2	37.4	37.6	37.6	37.6	37.4	37.2	36.9	36.4	35.9	35.0
80°	56.4	56.8	57.7	58.4	57.7	56.8	56.4	55.9	55.2	54.4	53.1
77.5°	76.6	77.5	77.8	77.9	77.8	77.5	76.6	75.6	74.4	73.2	72.2
75°	97.7	98.3	100.0	101.6	100.0	98.3	97.7	96.8	95.6	94.2	92.6
72.5°	119.7	120.5	121.6	122.5	121.6	120.5	119.7	118.7	117.3	115.6	113.7
70°	140.4	141.2	141.7	141.9	141.7	141.2	140.4	139.3	137.8	136.0	133.9
67.5°	160.2	160.8	160.6	160.0	160.6	160.8	160.2	159.3	157.9	155.9	153.4
65°	178.3	178.8	178.7	178.1	178.7	178.8	178.3	177.4	176.2	174.3	171.7
62.5°	195.0	195.5	196.0	196.2	196.0	195.5	195.0	194.1	192.8	190.7	188.1
60°	210.6	212.0	212.7	212.9	212.7	212.0	210.6	209.0	207.2	204.8	202.1
57.5°	218.5	219.4	219.8	219.9	219.8	219.4	218.5	217.4	216.1	214.7	212.8
55°	223.9	223.9	223.4	222.7	223.4	223.9	223.9	223.5	222.8	221.9	220.6
52.5°	229.2	228.4	228.1	228.2	228.1	228.4	229.2	229.7	229.8	229.6	228.4
50°	238.3	237.0	236.4	236.6	236.4	237.0	238.3	239.0	239.6	240.2	239.4
47.5°	253.2	253.8	254.3	254.7	254.3	253.8	253.2	252.4	253.0	254.3	254.5
45°	274.6	276.6	277.8	278.3	277.8	276.6	274.6	271.8	270.8	270.7	270.7
42.5°	304.6	306.9	307.8	307.5	307.8	306.9	304.6	300.4	296.3	291.4	287.4
40°	340.6	345.2	347.9	347.9	347.9	345.2	340.6	334.7	329.1	321.7	313.6
37.5°	385.4	391.6	394.8	393.8	394.8	391.6	385.4	377.2	368.1	355.9	345.2
35°	441.9	448.1	450.7	453.7	450.7	448.1	441.9	432.1	419.3	403.6	386.1
32.5°	531.9	544.6	549.7	542.7	549.7	544.6	531.9	511.7	486.0	460.3	435.6
30°	723.2	769.4	800.3	815.5	800.3	769.4	723.2	671.1	594.1	544.0	500.0
27.5°	1292.8	1413.7	1464.9	1493.2	1464.9	1413.7	1292.8	1110.1	844.6	745.8	613.6
25°	2390.1	2648.2	2796.7	2784.6	2796.7	2648.2	2390.1	2034.9	1620.2	1261.2	877.7
22.5°	4005.7	4412.8	4657.0	4746.8	4657.0	4412.8	4005.7	3410.6	2770.2	2141.4	1549.1
20°	6008.5	6465.1	6703.8	6739.6	6703.8	6465.1	6008.5	5266.3	4377.0	3348.7	2507.0
17.5°	8307.1	8740.0	8991.6	8988.4	8991.6	8740.0	8307.1	7433.6	6323.6	5001.6	3699.1
15°	11855.8	13531.1	14475.7	14337.7	14475.7	13531.1	11855.8	9914.3	8488.7	6817.5	5041.4
12.5°	19426.6	26117.7	30268.1	31293.1	30268.1	26117.7	19426.6	14511.4	10885.6	8595.6	6464.9
10°	34329.4	44339.7	52334.0	54644.3	52334.0	44339.7	34329.4	23400.4	14829.5	10244.5	7660.5
7.5°	49380.6	61261.1	66150.5	66718.6	66150.5	61261.1	49380.6	34693.5	20270.7	12567.8	8682.7
5°	60741.3	72830.2	74229.4	70714.6	74229.4	72830.2	60741.3	44288.4	26922.0	14938.0	9355.9
2.5°	68240.4	77373.7	78678.0	76786.2	78678.0	77373.7	68240.4	51116.3	30769.3	16529.4	9808.9
0°	69950.6	76165.5	78018.4	78220.9	78018.4	76165.5	69950.6	53549.1	32271.4	17075.0	9930.5
-2.5°	68240.4	77373.7	78678.0	76786.2	78678.0	77373.7	68240.4	51116.3	30769.3	16529.4	9808.9
-5°	60741.3	72830.2	74229.4	70714.6	74229.4	72830.2	60741.3	44288.4	26922.0	14938.0	9355.9
-7.5°	49380.6	61261.1	66150.5	66718.6	66150.5	61261.1	49380.6	34693.5	20270.7	12567.8	8682.7
-10°	34329.4	44339.7	52334.0	54644.3	52334.0	44339.7	34329.4	23400.4	14829.5	10244.5	7660.5
-12.5°	19426.6	26117.7	30268.1	31293.1	30268.1	26117.7	19426.6	14511.4	10885.6	8595.6	6464.9
-15°	11855.8	13531.1	14475.7	14337.7	14475.7	13531.1	11855.8	9914.3	8488.7	6817.5	5041.4
-17.5°	8307.1	8740.0	8991.6	8988.4	8991.6	8740.0	8307.1	7433.6	6323.6	5001.6	3699.1
-20°	6008.5	6465.1	6703.8	6739.6	6703.8	6465.1	6008.5	5266.3	4377.0	3348.7	2507.0



REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4005.7	4412.8	4657.0	4746.8	4657.0	4412.8	4005.7	3410.6	2770.2	2141.4	1549.1
-25°	2390.1	2648.2	2796.7	2784.6	2796.7	2648.2	2390.1	2034.9	1620.2	1261.2	877.7
-27.5°	1292.8	1413.7	1464.9	1493.2	1464.9	1413.7	1292.8	1110.1	844.6	745.8	613.6
-30°	723.2	769.4	800.3	815.5	800.3	769.4	723.2	671.1	594.1	544.0	500.0
-32.5°	531.9	544.6	549.7	542.7	549.7	544.6	531.9	511.7	486.0	460.3	435.6
-35°	441.9	448.1	450.7	453.7	450.7	448.1	441.9	432.1	419.3	403.6	386.1
-37.5°	385.4	391.6	394.8	393.8	394.8	391.6	385.4	377.2	368.1	355.9	345.2
-40°	340.6	345.2	347.9	347.9	347.9	345.2	340.6	334.7	329.1	321.7	313.6
-42.5°	304.6	306.9	307.8	307.5	307.8	306.9	304.6	300.4	296.3	291.4	287.4
-45°	274.6	276.6	277.8	278.3	277.8	276.6	274.6	271.8	270.8	270.7	270.7
-47.5°	253.2	253.8	254.3	254.7	254.3	253.8	253.2	252.4	253.0	254.3	254.5
-50°	238.3	237.0	236.4	236.6	236.4	237.0	238.3	239.0	239.6	240.2	239.4
-52.5°	229.2	228.4	228.1	228.2	228.1	228.4	229.2	229.7	229.8	229.6	228.4
-55°	223.9	223.9	223.4	222.7	223.4	223.9	223.9	223.5	222.8	221.9	220.6
-57.5°	218.5	219.4	219.8	219.9	219.8	219.4	218.5	217.4	216.1	214.7	212.8
-60°	210.6	212.0	212.7	212.9	212.7	212.0	210.6	209.0	207.2	204.8	202.1
-62.5°	195.0	195.5	196.0	196.2	196.0	195.5	195.0	194.1	192.8	190.7	188.1
-65°	178.3	178.8	178.7	178.1	178.7	178.8	178.3	177.4	176.2	174.3	171.7
-67.5°	160.2	160.8	160.6	160.0	160.6	160.8	160.2	159.3	157.9	155.9	153.4
-70°	140.4	141.2	141.7	141.9	141.7	141.2	140.4	139.3	137.8	136.0	133.9
-72.5°	119.7	120.5	121.6	122.5	121.6	120.5	119.7	118.7	117.3	115.6	113.7
-75°	97.7	98.3	100.0	101.6	100.0	98.3	97.7	96.8	95.6	94.2	92.6
-77.5°	76.6	77.5	77.8	77.9	77.8	77.5	76.6	75.6	74.4	73.2	72.2
-80°	56.4	56.8	57.7	58.4	57.7	56.8	56.4	55.9	55.2	54.4	53.1
-82.5°	37.2	37.4	37.6	37.6	37.6	37.4	37.2	36.9	36.4	35.9	35.0
-85°	21.7	22.2	21.6	20.9	21.6	22.2	21.7	21.2	20.6	20.0	19.7
-87.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	8.1	8.0	7.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-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°	7.2	6.8	6.3	6.5	6.6	6.7	6.8	6.6	6.4	6.1	5.9
85°	19.3	18.8	18.3	17.8	17.3	16.8	16.3	15.5	14.6	13.8	12.9
82.5°	34.0	32.9	31.9	31.0	30.0	29.0	27.9	26.6	25.1	23.5	21.7
80°	51.6	50.0	48.4	47.0	45.5	43.8	41.9	40.0	38.1	36.3	34.4
77.5°	70.9	69.3	67.4	65.4	63.4	61.2	58.9	56.2	53.4	50.6	47.8
75°	90.9	88.9	86.9	84.5	81.8	78.9	75.7	72.5	69.0	65.4	61.7
72.5°	111.4	108.9	106.2	103.4	100.5	97.3	93.7	89.8	85.5	80.8	76.2
70°	131.5	128.8	125.7	122.4	118.8	114.9	111.1	107.0	102.7	97.8	92.0
67.5°	150.5	147.4	144.2	140.6	136.5	132.2	127.8	123.2	118.3	113.2	107.2
65°	168.7	165.2	161.9	158.2	154.0	149.3	144.4	139.2	133.8	127.9	121.5
62.5°	185.4	182.4	178.9	174.7	170.4	165.8	160.6	154.7	148.7	142.5	135.5
60°	199.2	196.3	192.8	189.0	184.9	180.5	175.0	169.1	163.0	156.0	148.8
57.5°	210.4	207.5	204.4	201.0	197.4	192.8	187.7	182.3	175.9	168.9	161.5
55°	218.9	216.7	214.2	211.2	207.6	203.4	198.8	193.6	187.4	181.0	173.1
52.5°	226.4	224.6	222.5	220.3	216.7	212.5	208.3	203.1	197.7	191.1	183.9
50°	237.6	233.9	230.4	227.3	224.2	220.4	215.9	211.3	206.2	200.1	193.3
47.5°	251.7	245.7	239.9	235.3	231.4	227.2	222.9	218.3	213.5	208.1	201.4
45°	266.3	259.4	251.7	245.4	239.4	234.5	229.8	225.1	220.3	214.9	208.7
42.5°	281.9	274.5	266.0	257.6	249.4	242.8	236.9	232.0	226.7	221.4	215.1
40°	303.7	292.2	283.1	272.3	262.2	252.3	245.7	239.1	233.3	227.2	221.1
37.5°	332.7	319.2	305.1	291.1	278.1	265.5	256.0	247.9	240.1	233.5	226.5
35°	366.2	348.9	330.9	313.4	297.2	281.9	268.4	257.8	248.7	240.3	232.3
32.5°	409.9	385.1	361.4	339.5	317.9	299.2	282.9	269.2	258.1	248.4	238.9
30°	458.1	425.7	394.7	369.1	342.8	318.9	297.4	281.1	268.2	257.1	245.9
27.5°	536.1	473.8	434.1	398.8	368.6	340.8	315.1	291.8	277.5	265.7	253.7
25°	705.5	556.7	484.1	436.6	397.5	361.8	332.4	305.7	285.9	273.0	257.8
22.5°	1029.9	746.4	559.6	477.1	429.4	386.6	349.9	320.0	292.4	276.3	260.6
20°	1672.7	1036.3	716.9	544.1	464.4	410.8	367.6	333.8	303.4	280.0	262.6
17.5°	2541.4	1600.1	915.6	631.0	511.1	441.0	387.6	346.5	313.2	284.0	263.7
15°	3472.2	2240.3	1332.2	794.9	560.5	466.6	404.1	358.3	322.3	290.0	266.7
12.5°	4533.8	2910.5	1716.6	927.8	618.5	495.1	422.2	371.2	331.3	297.2	271.4
10°	5484.7	3587.6	2159.6	1203.9	715.9	523.7	439.0	382.6	339.7	303.2	275.0
7.5°	6259.7	4226.5	2560.6	1409.7	789.0	546.3	453.1	392.2	346.6	307.5	277.6
5°	6755.2	4697.8	2880.0	1563.6	839.9	561.4	462.7	399.3	351.9	310.2	279.3
2.5°	7106.3	5009.8	3082.1	1653.3	867.0	569.5	469.5	403.6	355.7	313.6	282.0
0°	7123.6	5115.6	3150.6	1731.2	872.5	572.0	474.5	405.0	357.6	315.9	283.9
-2.5°	7106.3	5009.8	3082.1	1653.3	867.0	569.5	469.5	403.6	355.7	313.6	282.0
-5°	6755.2	4697.8	2880.0	1563.6	839.9	561.4	462.7	399.3	351.9	310.2	279.3
-7.5°	6259.7	4226.5	2560.6	1409.7	789.0	546.3	453.1	392.2	346.6	307.5	277.6
-10°	5484.7	3587.6	2159.6	1203.9	715.9	523.7	439.0	382.6	339.7	303.2	275.0
-12.5°	4533.8	2910.5	1716.6	927.8	618.5	495.1	422.2	371.2	331.3	297.2	271.4
-15°	3472.2	2240.3	1332.2	794.9	560.5	466.6	404.1	358.3	322.3	290.0	266.7
-17.5°	2541.4	1600.1	915.6	631.0	511.1	441.0	387.6	346.5	313.2	284.0	263.7
-20°	1672.7	1036.3	716.9	544.1	464.4	410.8	367.6	333.8	303.4	280.0	262.6





REPORT NUMBER: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1029.9	746.4	559.6	477.1	429.4	386.6	349.9	320.0	292.4	276.3	260.6
-25°	705.5	556.7	484.1	436.6	397.5	361.8	332.4	305.7	285.9	273.0	257.8
-27.5°	536.1	473.8	434.1	398.8	368.6	340.8	315.1	291.8	277.5	265.7	253.7
-30°	458.1	425.7	394.7	369.1	342.8	318.9	297.4	281.1	268.2	257.1	245.9
-32.5°	409.9	385.1	361.4	339.5	317.9	299.2	282.9	269.2	258.1	248.4	238.9
-35°	366.2	348.9	330.9	313.4	297.2	281.9	268.4	257.8	248.7	240.3	232.3
-37.5°	332.7	319.2	305.1	291.1	278.1	265.5	256.0	247.9	240.1	233.5	226.5
-40°	303.7	292.2	283.1	272.3	262.2	252.3	245.7	239.1	233.3	227.2	221.1
-42.5°	281.9	274.5	266.0	257.6	249.4	242.8	236.9	232.0	226.7	221.4	215.1
-45°	266.3	259.4	251.7	245.4	239.4	234.5	229.8	225.1	220.3	214.9	208.7
-47.5°	251.7	245.7	239.9	235.3	231.4	227.2	222.9	218.3	213.5	208.1	201.4
-50°	237.6	233.9	230.4	227.3	224.2	220.4	215.9	211.3	206.2	200.1	193.3
-52.5°	226.4	224.6	222.5	220.3	216.7	212.5	208.3	203.1	197.7	191.1	183.9
-55°	218.9	216.7	214.2	211.2	207.6	203.4	198.8	193.6	187.4	181.0	173.1
-57.5°	210.4	207.5	204.4	201.0	197.4	192.8	187.7	182.3	175.9	168.9	161.5
-60°	199.2	196.3	192.8	189.0	184.9	180.5	175.0	169.1	163.0	156.0	148.8
-62.5°	185.4	182.4	178.9	174.7	170.4	165.8	160.6	154.7	148.7	142.5	135.5
-65°	168.7	165.2	161.9	158.2	154.0	149.3	144.4	139.2	133.8	127.9	121.5
-67.5°	150.5	147.4	144.2	140.6	136.5	132.2	127.8	123.2	118.3	113.2	107.2
-70°	131.5	128.8	125.7	122.4	118.8	114.9	111.1	107.0	102.7	97.8	92.0
-72.5°	111.4	108.9	106.2	103.4	100.5	97.3	93.7	89.8	85.5	80.8	76.2
-75°	90.9	88.9	86.9	84.5	81.8	78.9	75.7	72.5	69.0	65.4	61.7
-77.5°	70.9	69.3	67.4	65.4	63.4	61.2	58.9	56.2	53.4	50.6	47.8
-80°	51.6	50.0	48.4	47.0	45.5	43.8	41.9	40.0	38.1	36.3	34.4
-82.5°	34.0	32.9	31.9	31.0	30.0	29.0	27.9	26.6	25.1	23.5	21.7
-85°	19.3	18.8	18.3	17.8	17.3	16.8	16.3	15.5	14.6	13.8	12.9
-87.5°	7.2	6.8	6.3	6.5	6.6	6.7	6.8	6.6	6.4	6.1	5.9
-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: P558903 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4B-940-U-NR-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°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
85°	12.4	11.7	11.0	10.1	9.3	8.3	7.7	7.0	6.3	5.7	5.0
82.5°	20.3	19.3	18.4	17.4	16.2	14.9	13.5	12.0	10.3	8.6	7.5
80°	32.2	30.0	27.9	25.7	23.6	21.6	19.8	17.8	15.4	13.1	10.8
77.5°	44.7	41.5	38.2	35.2	32.3	29.4	26.6	23.8	20.5	17.5	14.7
75°	57.7	53.8	49.8	45.7	41.5	37.2	33.6	30.1	26.2	22.0	18.4
72.5°	71.8	67.0	61.9	56.6	51.6	46.5	41.4	36.4	32.0	27.3	22.4
70°	86.2	80.6	74.9	68.6	62.2	55.9	50.0	43.9	37.8	32.5	27.1
67.5°	100.8	94.0	87.4	80.5	73.2	65.9	58.6	51.7	44.8	37.8	31.7
65°	114.6	107.2	99.4	91.7	83.8	75.7	67.5	59.5	51.7	43.9	36.3
62.5°	128.1	120.4	111.9	102.9	94.1	85.3	76.3	67.5	58.6	50.0	41.4
60°	141.2	132.9	123.9	114.2	104.4	94.7	85.0	75.4	65.7	55.9	46.5
57.5°	153.3	144.9	135.2	125.0	114.5	103.8	93.5	83.1	72.6	62.0	51.6
55°	165.0	155.9	145.9	135.3	124.2	112.8	101.8	90.7	79.4	68.0	56.6
52.5°	175.7	166.3	155.9	145.1	133.5	121.6	110.1	98.0	86.0	73.9	61.7
50°	185.4	176.0	165.4	154.2	142.5	130.2	118.2	105.4	92.4	79.6	66.7
47.5°	193.9	184.6	174.2	162.8	150.6	138.5	125.8	112.6	98.7	85.1	71.6
45°	201.2	192.6	182.3	170.7	158.8	146.2	133.0	119.7	105.0	90.5	76.4
42.5°	208.0	199.6	189.7	178.3	166.4	153.6	139.8	126.0	111.1	95.7	80.9
40°	213.9	206.0	196.6	185.5	173.7	160.8	146.4	131.8	117.1	100.7	85.2
37.5°	219.5	211.7	202.5	192.7	180.8	167.4	152.8	137.4	122.5	105.7	89.4
35°	224.6	216.6	208.6	198.9	187.2	173.7	158.9	142.7	127.1	110.4	93.3
32.5°	229.7	221.4	213.3	204.2	193.5	179.8	164.6	147.8	131.5	114.7	97.0
30°	235.3	225.6	217.6	209.2	199.1	185.3	169.6	152.5	135.6	118.8	100.5
27.5°	239.9	229.0	221.3	213.1	203.3	190.5	174.1	156.7	139.4	122.4	103.8
25°	243.7	232.4	224.1	216.4	207.2	194.6	178.1	160.5	142.9	125.5	106.8
22.5°	246.7	235.3	226.3	219.3	210.8	198.4	181.7	163.8	146.0	128.3	109.5
20°	248.3	237.3	227.9	221.8	213.8	201.1	184.7	166.7	148.7	130.8	111.9
17.5°	248.9	238.8	230.0	223.5	216.1	203.9	187.4	169.3	151.1	133.1	114.1
15°	251.2	240.3	231.5	224.8	218.0	206.6	189.6	171.6	153.0	135.1	116.0
12.5°	253.7	241.3	232.6	225.9	219.6	209.2	191.5	173.4	154.6	136.8	117.5
10°	255.8	242.1	233.1	226.8	220.9	211.6	193.0	174.9	156.2	138.1	118.8
7.5°	257.6	242.4	233.2	227.4	221.9	213.5	194.3	176.0	157.6	139.2	119.8
5°	258.9	242.6	233.1	227.9	222.8	214.7	195.3	176.6	158.7	140.0	120.5
2.5°	259.9	242.5	232.9	228.1	223.5	215.5	196.0	176.8	159.5	140.4	121.0
0°	260.2	242.1	232.4	228.2	224.0	215.7	196.2	176.7	160.0	140.6	121.1
-2.5°	259.9	242.5	232.9	228.1	223.5	215.5	196.0	176.8	159.5	140.4	121.0
-5°	258.9	242.6	233.1	227.9	222.8	214.7	195.3	176.6	158.7	140.0	120.5
-7.5°	257.6	242.4	233.2	227.4	221.9	213.5	194.3	176.0	157.6	139.2	119.8
-10°	255.8	242.1	233.1	226.8	220.9	211.6	193.0	174.9	156.2	138.1	118.8
-12.5°	253.7	241.3	232.6	225.9	219.6	209.2	191.5	173.4	154.6	136.8	117.5
-15°	251.2	240.3	231.5	224.8	218.0	206.6	189.6	171.6	153.0	135.1	116.0
-17.5°	248.9	238.8	230.0	223.5	216.1	203.9	187.4	169.3	151.1	133.1	114.1
-20°	248.3	237.3	227.9	221.8	213.8	201.1	184.7	166.7	148.7	130.8	111.9



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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°	246.7	235.3	226.3	219.3	210.8	198.4	181.7	163.8	146.0	128.3	109.5
-25°	243.7	232.4	224.1	216.4	207.2	194.6	178.1	160.5	142.9	125.5	106.8
-27.5°	239.9	229.0	221.3	213.1	203.3	190.5	174.1	156.7	139.4	122.4	103.8
-30°	235.3	225.6	217.6	209.2	199.1	185.3	169.6	152.5	135.6	118.8	100.5
-32.5°	229.7	221.4	213.3	204.2	193.5	179.8	164.6	147.8	131.5	114.7	97.0
-35°	224.6	216.6	208.6	198.9	187.2	173.7	158.9	142.7	127.1	110.4	93.3
-37.5°	219.5	211.7	202.5	192.7	180.8	167.4	152.8	137.4	122.5	105.7	89.4
-40°	213.9	206.0	196.6	185.5	173.7	160.8	146.4	131.8	117.1	100.7	85.2
-42.5°	208.0	199.6	189.7	178.3	166.4	153.6	139.8	126.0	111.1	95.7	80.9
-45°	201.2	192.6	182.3	170.7	158.8	146.2	133.0	119.7	105.0	90.5	76.4
-47.5°	193.9	184.6	174.2	162.8	150.6	138.5	125.8	112.6	98.7	85.1	71.6
-50°	185.4	176.0	165.4	154.2	142.5	130.2	118.2	105.4	92.4	79.6	66.7
-52.5°	175.7	166.3	155.9	145.1	133.5	121.6	110.1	98.0	86.0	73.9	61.7
-55°	165.0	155.9	145.9	135.3	124.2	112.8	101.8	90.7	79.4	68.0	56.6
-57.5°	153.3	144.9	135.2	125.0	114.5	103.8	93.5	83.1	72.6	62.0	51.6
-60°	141.2	132.9	123.9	114.2	104.4	94.7	85.0	75.4	65.7	55.9	46.5
-62.5°	128.1	120.4	111.9	102.9	94.1	85.3	76.3	67.5	58.6	50.0	41.4
-65°	114.6	107.2	99.4	91.7	83.8	75.7	67.5	59.5	51.7	43.9	36.3
-67.5°	100.8	94.0	87.4	80.5	73.2	65.9	58.6	51.7	44.8	37.8	31.7
-70°	86.2	80.6	74.9	68.6	62.2	55.9	50.0	43.9	37.8	32.5	27.1
-72.5°	71.8	67.0	61.9	56.6	51.6	46.5	41.4	36.4	32.0	27.3	22.4
-75°	57.7	53.8	49.8	45.7	41.5	37.2	33.6	30.1	26.2	22.0	18.4
-77.5°	44.7	41.5	38.2	35.2	32.3	29.4	26.6	23.8	20.5	17.5	14.7
-80°	32.2	30.0	27.9	25.7	23.6	21.6	19.8	17.8	15.4	13.1	10.8
-82.5°	20.3	19.3	18.4	17.4	16.2	14.9	13.5	12.0	10.3	8.6	7.5
-85°	12.4	11.7	11.0	10.1	9.3	8.3	7.7	7.0	6.3	5.7	5.0
-87.5°	5.6	5.3	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.8	2.5
-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°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
80°	8.7	7.2	5.7	4.3	2.9	1.4	0.0
77.5°	11.9	9.3	7.2	5.4	3.6	1.8	0.0
75°	15.1	12.0	8.7	6.4	4.3	2.1	0.0
72.5°	18.3	14.7	10.9	7.5	5.0	2.5	0.0
70°	21.5	17.4	13.1	8.6	5.7	2.8	0.0
67.5°	25.6	20.1	15.3	10.3	6.3	3.2	0.0
65°	29.5	23.0	17.5	11.9	7.0	3.5	0.0
62.5°	33.4	26.2	19.6	13.6	7.7	3.8	0.0
60°	37.2	29.3	21.7	15.2	8.3	4.1	0.0
57.5°	41.5	32.3	24.0	16.7	9.3	4.5	0.0
55°	45.7	35.2	26.4	18.2	10.3	4.8	0.0
52.5°	49.8	38.2	28.6	19.7	11.3	5.1	0.0
50°	53.8	41.5	30.8	21.2	12.3	5.3	0.0
47.5°	57.7	44.7	32.8	22.6	13.2	5.6	0.0
45°	61.8	47.8	34.8	24.1	14.1	5.9	0.0
42.5°	65.7	50.7	36.7	25.5	14.9	6.1	0.0
40°	69.5	53.5	38.7	26.8	15.7	6.4	0.0
37.5°	73.1	56.2	40.9	28.1	16.5	6.6	0.0
35°	76.5	59.0	42.9	29.3	17.2	6.8	0.0
32.5°	79.8	61.6	44.8	30.4	17.9	7.0	0.0
30°	82.7	64.2	46.6	31.4	18.5	7.2	0.0
27.5°	85.5	66.5	48.3	32.4	19.1	7.4	0.0
25°	88.0	68.7	49.8	33.3	19.7	7.5	0.0
22.5°	90.3	70.7	51.3	34.1	20.2	7.7	0.0
20°	92.4	72.6	52.7	34.8	20.6	7.8	0.0
17.5°	94.3	74.2	53.9	35.5	21.0	7.9	0.0
15°	95.8	75.5	55.0	36.0	21.3	8.0	0.0
12.5°	97.2	76.7	55.9	36.5	21.6	8.1	0.0
10°	98.3	77.6	56.7	36.9	21.9	8.2	0.0
7.5°	99.1	78.4	57.4	37.2	22.1	8.2	0.0
5°	99.7	78.9	57.9	37.4	22.2	8.3	0.0
2.5°	100.1	79.2	58.2	37.6	22.3	8.3	0.0
0°	100.2	79.3	58.4	37.6	22.3	8.3	0.0
-2.5°	100.1	79.2	58.2	37.6	22.3	8.3	0.0
-5°	99.7	78.9	57.9	37.4	22.2	8.3	0.0
-7.5°	99.1	78.4	57.4	37.2	22.1	8.2	0.0
-10°	98.3	77.6	56.7	36.9	21.9	8.2	0.0
-12.5°	97.2	76.7	55.9	36.5	21.6	8.1	0.0
-15°	95.8	75.5	55.0	36.0	21.3	8.0	0.0
-17.5°	94.3	74.2	53.9	35.5	21.0	7.9	0.0
-20°	92.4	72.6	52.7	34.8	20.6	7.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	90.3	70.7	51.3	34.1	20.2	7.7	0.0
-25°	88.0	68.7	49.8	33.3	19.7	7.5	0.0
-27.5°	85.5	66.5	48.3	32.4	19.1	7.4	0.0
-30°	82.7	64.2	46.6	31.4	18.5	7.2	0.0
-32.5°	79.8	61.6	44.8	30.4	17.9	7.0	0.0
-35°	76.5	59.0	42.9	29.3	17.2	6.8	0.0
-37.5°	73.1	56.2	40.9	28.1	16.5	6.6	0.0
-40°	69.5	53.5	38.7	26.8	15.7	6.4	0.0
-42.5°	65.7	50.7	36.7	25.5	14.9	6.1	0.0
-45°	61.8	47.8	34.8	24.1	14.1	5.9	0.0
-47.5°	57.7	44.7	32.8	22.6	13.2	5.6	0.0
-50°	53.8	41.5	30.8	21.2	12.3	5.3	0.0
-52.5°	49.8	38.2	28.6	19.7	11.3	5.1	0.0
-55°	45.7	35.2	26.4	18.2	10.3	4.8	0.0
-57.5°	41.5	32.3	24.0	16.7	9.3	4.5	0.0
-60°	37.2	29.3	21.7	15.2	8.3	4.1	0.0
-62.5°	33.4	26.2	19.6	13.6	7.7	3.8	0.0
-65°	29.5	23.0	17.5	11.9	7.0	3.5	0.0
-67.5°	25.6	20.1	15.3	10.3	6.3	3.2	0.0
-70°	21.5	17.4	13.1	8.6	5.7	2.8	0.0
-72.5°	18.3	14.7	10.9	7.5	5.0	2.5	0.0
-75°	15.1	12.0	8.7	6.4	4.3	2.1	0.0
-77.5°	11.9	9.3	7.2	5.4	3.6	1.8	0.0
-80°	8.7	7.2	5.7	4.3	2.9	1.4	0.0
-82.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-85°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-87.5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)