

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: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-940-U-TS-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558712 (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-SA2D-940-U-TS-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, TIGHT SPOT N2  
Light Source: (32) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

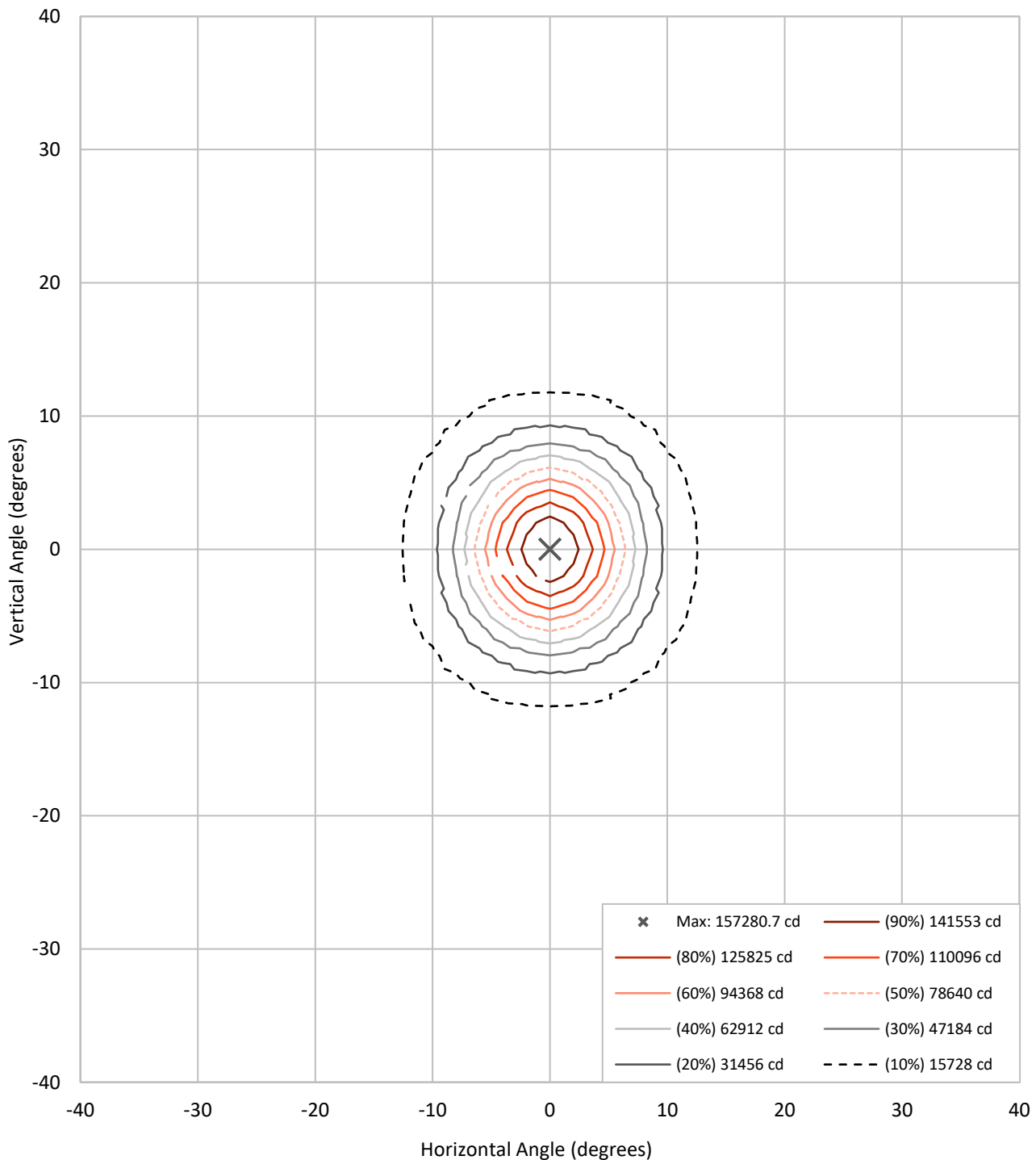
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11400.8 lumens	Max Intensity:	157280.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	3602.5 lumens	Field Lumens:	7980.7 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 110  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





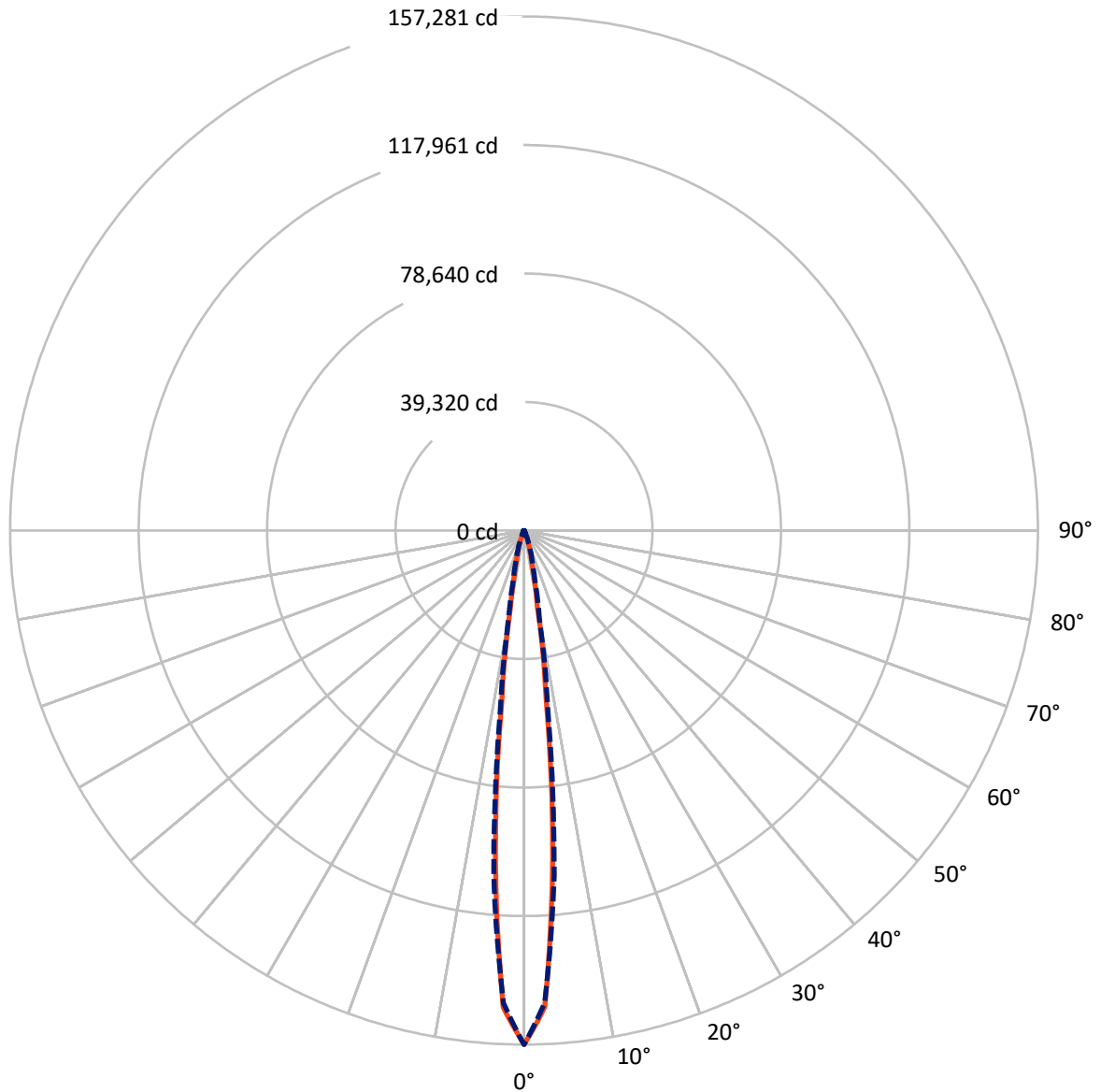
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### Lumen Table

90	0.2	1.3		3.6		5.9		6.8		5.9		3.6		1.3		0.2
80	0.2	1.3		3.6		5.9		6.8		5.9		3.6		1.3		0.2
70	0.6	0.7	1.5	2.4	3.3	4.1	4.7	5.0	5.0	4.7	4.1	3.3	2.4	1.5	0.7	0.6
60		1.1	2.2	3.3	4.3	5.1	5.6	5.8	5.8	5.6	5.1	4.3	3.3	2.2	1.1	
50	1.1	1.4	2.7	3.9	4.8	5.7	6.4	6.7	6.7	6.4	5.7	4.8	3.9	2.7	1.4	1.1
40		1.7	3.0	4.2	5.4	6.9	8.7	9.8	9.8	8.7	6.9	5.4	4.2	3.0	1.7	
30	1.5	1.9	3.2	4.5	6.3	9.8	21.9	39.8	39.8	21.9	9.8	6.3	4.5	3.2	1.9	1.5
20		2.0	3.3	4.7	7.5	21.2	119.5	263.0	263.0	119.5	21.2	7.5	4.7	3.3	2.0	
10	1.6	2.0	3.3	4.9	8.3	40.6	287.0	1856.5	1856.5	287.0	40.6	8.3	4.9	3.3	2.0	1.6
0		2.0	3.3	4.9	8.3	40.6	287.0	1856.5	1856.5	287.0	40.6	8.3	4.9	3.3	2.0	
-10	1.5	2.0	3.3	4.7	7.5	21.2	119.5	263.0	263.0	119.5	21.2	7.5	4.7	3.3	2.0	1.5
-20		1.9	3.2	4.5	6.3	9.8	21.9	39.8	39.8	21.9	9.8	6.3	4.5	3.2	1.9	
-30	1.1	1.7	3.0	4.2	5.4	6.9	8.7	9.8	9.8	8.7	6.9	5.4	4.2	3.0	1.7	1.1
-40		1.4	2.7	3.9	4.8	5.7	6.4	6.7	6.7	6.4	5.7	4.8	3.9	2.7	1.4	
-50	0.6	1.1	2.2	3.3	4.3	5.1	5.6	5.8	5.8	5.6	5.1	4.3	3.3	2.2	1.1	0.6
-60		0.7	1.5	2.4	3.3	4.1	4.7	5.0	5.0	4.7	4.1	3.3	2.4	1.5	0.7	
-70	0.2	1.3		3.6		5.9		6.8		5.9		3.6		1.3		0.2
-80		1.3		3.6		5.9		6.8		5.9		3.6		1.3		
-90	0.2	1.3		3.6		5.9		6.8		5.9		3.6		1.3		0.2

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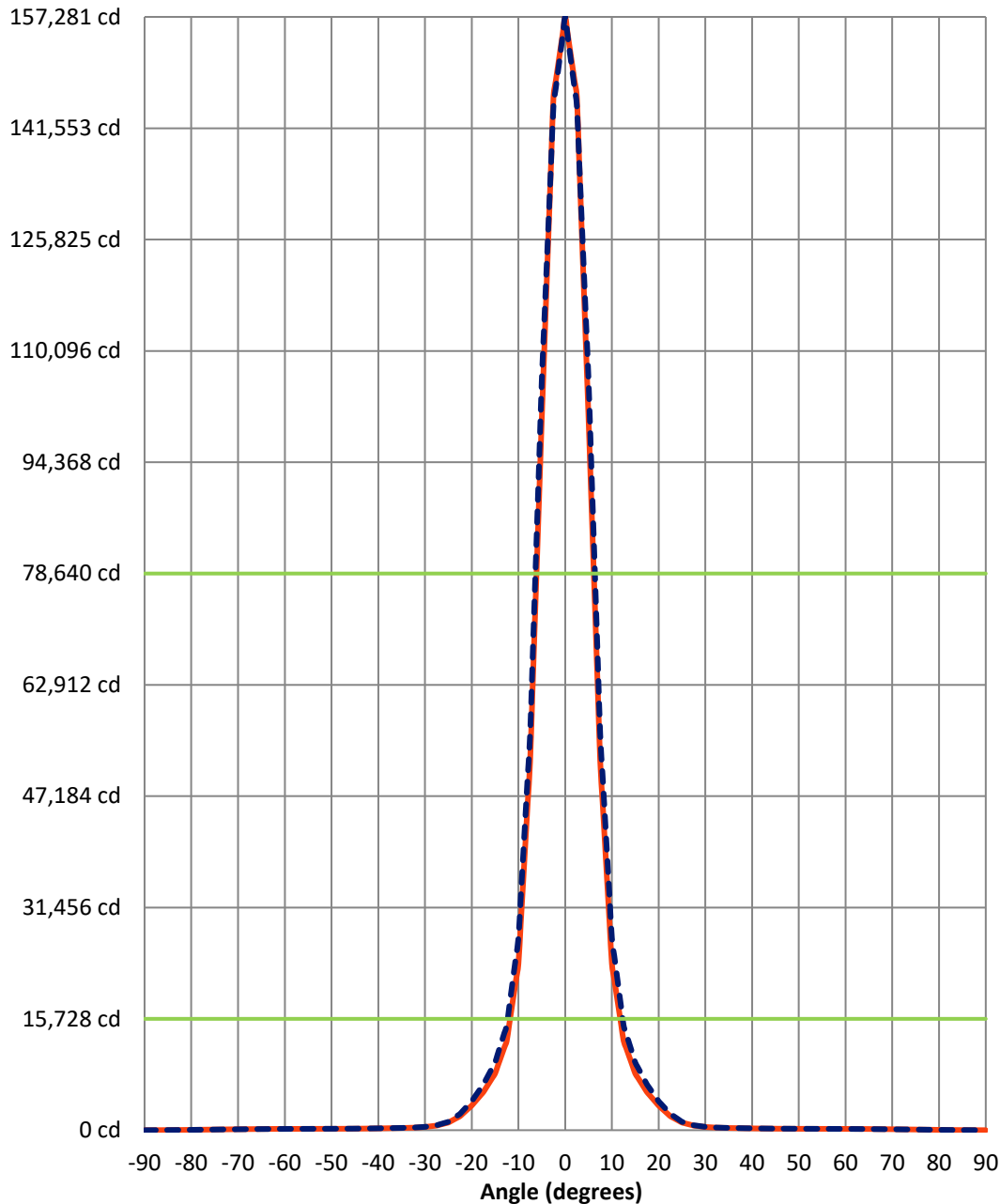
### Luminous Intensity Polar Plot



— 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: 3602.5  
 Efficiency: 31.6%

**Field:**  
 H Angle: 24.6°  
 V Angle: 23.6°  
 Lumens: 7980.7  
 Efficiency: 70.0%

**Spill:**  
 Lumens: 3420.1  
 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	0.4	0.7	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.1
85°	0.0	0.7	1.5	2.1	2.8	3.3	3.8	4.4	5.1	5.7	6.2
82.5°	0.0	1.1	2.2	3.2	4.1	5.0	5.7	6.7	7.7	9.1	10.5
80°	0.0	1.5	2.9	4.3	5.5	6.6	7.7	9.5	11.4	13.4	15.4
77.5°	0.0	1.8	3.7	5.3	6.9	8.5	10.5	12.7	15.2	17.6	20.3
75°	0.0	2.2	4.4	6.4	8.3	10.7	13.1	15.9	18.9	22.3	25.6
72.5°	0.0	2.6	5.1	7.4	10.1	13.0	15.8	19.2	23.3	27.1	30.8
70°	0.0	2.9	5.8	8.5	11.9	15.2	18.5	23.1	27.6	32.0	37.9
67.5°	0.0	3.3	6.5	9.8	13.6	17.3	21.9	26.9	31.9	38.5	45.3
65°	0.0	3.6	7.2	11.1	15.3	19.7	25.1	30.7	37.5	44.9	52.7
62.5°	0.0	3.9	7.8	12.4	17.0	22.4	28.3	35.1	42.9	51.2	60.3
60°	0.0	4.2	8.5	13.6	18.6	24.9	31.4	39.6	48.2	58.0	67.8
57.5°	0.0	4.6	9.3	14.8	20.6	27.4	35.1	44.0	53.9	64.6	75.5
55°	0.0	4.9	10.0	16.0	22.5	29.8	38.8	48.2	59.6	71.1	83.0
52.5°	0.0	5.2	10.8	17.1	24.3	32.3	42.4	53.1	65.2	77.7	90.3
50°	0.0	5.5	11.5	18.2	26.1	35.2	45.8	57.8	70.6	84.1	97.6
47.5°	0.0	5.7	12.2	19.3	27.8	37.9	49.3	62.4	76.1	90.3	104.7
45°	0.0	6.0	12.9	20.6	29.5	40.6	53.0	66.8	81.4	96.5	111.6
42.5°	0.0	6.3	13.5	21.7	31.1	43.2	56.6	71.1	86.5	102.4	117.5
40°	0.0	6.5	14.1	22.8	32.8	45.6	59.9	75.4	91.5	108.2	123.0
37.5°	0.0	6.7	14.7	23.9	34.6	47.9	63.1	79.4	96.3	113.4	128.3
35°	0.0	7.0	15.3	24.8	36.4	50.3	66.2	83.2	100.8	117.7	133.0
32.5°	0.0	7.2	15.8	25.7	38.0	52.7	69.0	86.8	105.0	121.8	137.1
30°	0.0	7.4	16.3	26.5	39.6	54.9	71.9	90.2	108.9	125.7	140.8
27.5°	0.0	7.5	16.7	27.3	41.0	56.9	74.5	93.3	112.3	129.2	144.3
25°	0.0	7.7	17.1	27.9	42.2	58.7	77.0	96.2	115.1	132.2	147.5
22.5°	0.0	7.9	17.5	28.5	43.4	60.4	79.2	98.8	117.7	134.8	149.9
20°	0.0	8.0	17.8	29.1	44.5	62.0	81.1	101.1	120.1	137.1	152.1
17.5°	0.0	8.1	18.1	29.5	45.5	63.3	82.9	103.1	122.1	139.1	154.1
15°	0.0	8.2	18.4	29.9	46.3	64.5	84.5	104.8	123.9	140.9	155.8
12.5°	0.0	8.3	18.6	30.2	47.0	65.5	85.8	106.3	125.3	142.3	157.3
10°	0.0	8.4	18.8	30.4	47.6	66.3	86.9	107.4	126.5	143.5	158.4
7.5°	0.0	8.4	18.9	30.6	48.1	67.0	87.8	108.3	127.3	144.3	159.2
5°	0.0	8.5	19.0	30.7	48.4	67.4	88.4	108.9	127.9	144.9	159.8
2.5°	0.0	8.5	19.1	30.7	48.6	67.7	88.8	109.1	128.1	145.2	160.0
0°	0.0	8.5	19.1	30.7	48.7	67.8	88.9	109.1	128.1	145.1	159.9
-2.5°	0.0	8.5	19.1	30.7	48.6	67.7	88.8	109.1	128.1	145.2	160.0
-5°	0.0	8.5	19.0	30.7	48.4	67.4	88.4	108.9	127.9	144.9	159.8
-7.5°	0.0	8.4	18.9	30.6	48.1	67.0	87.8	108.3	127.3	144.3	159.2
-10°	0.0	8.4	18.8	30.4	47.6	66.3	86.9	107.4	126.5	143.5	158.4
-12.5°	0.0	8.3	18.6	30.2	47.0	65.5	85.8	106.3	125.3	142.3	157.3
-15°	0.0	8.2	18.4	29.9	46.3	64.5	84.5	104.8	123.9	140.9	155.8
-17.5°	0.0	8.1	18.1	29.5	45.5	63.3	82.9	103.1	122.1	139.1	154.1
-20°	0.0	8.0	17.8	29.1	44.5	62.0	81.1	101.1	120.1	137.1	152.1



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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	7.9	17.5	28.5	43.4	60.4	79.2	98.8	117.7	134.8	149.9
-25°	0.0	7.7	17.1	27.9	42.2	58.7	77.0	96.2	115.1	132.2	147.5
-27.5°	0.0	7.5	16.7	27.3	41.0	56.9	74.5	93.3	112.3	129.2	144.3
-30°	0.0	7.4	16.3	26.5	39.6	54.9	71.9	90.2	108.9	125.7	140.8
-32.5°	0.0	7.2	15.8	25.7	38.0	52.7	69.0	86.8	105.0	121.8	137.1
-35°	0.0	7.0	15.3	24.8	36.4	50.3	66.2	83.2	100.8	117.7	133.0
-37.5°	0.0	6.7	14.7	23.9	34.6	47.9	63.1	79.4	96.3	113.4	128.3
-40°	0.0	6.5	14.1	22.8	32.8	45.6	59.9	75.4	91.5	108.2	123.0
-42.5°	0.0	6.3	13.5	21.7	31.1	43.2	56.6	71.1	86.5	102.4	117.5
-45°	0.0	6.0	12.9	20.6	29.5	40.6	53.0	66.8	81.4	96.5	111.6
-47.5°	0.0	5.7	12.2	19.3	27.8	37.9	49.3	62.4	76.1	90.3	104.7
-50°	0.0	5.5	11.5	18.2	26.1	35.2	45.8	57.8	70.6	84.1	97.6
-52.5°	0.0	5.2	10.8	17.1	24.3	32.3	42.4	53.1	65.2	77.7	90.3
-55°	0.0	4.9	10.0	16.0	22.5	29.8	38.8	48.2	59.6	71.1	83.0
-57.5°	0.0	4.6	9.3	14.8	20.6	27.4	35.1	44.0	53.9	64.6	75.5
-60°	0.0	4.2	8.5	13.6	18.6	24.9	31.4	39.6	48.2	58.0	67.8
-62.5°	0.0	3.9	7.8	12.4	17.0	22.4	28.3	35.1	42.9	51.2	60.3
-65°	0.0	3.6	7.2	11.1	15.3	19.7	25.1	30.7	37.5	44.9	52.7
-67.5°	0.0	3.3	6.5	9.8	13.6	17.3	21.9	26.9	31.9	38.5	45.3
-70°	0.0	2.9	5.8	8.5	11.9	15.2	18.5	23.1	27.6	32.0	37.9
-72.5°	0.0	2.6	5.1	7.4	10.1	13.0	15.8	19.2	23.3	27.1	30.8
-75°	0.0	2.2	4.4	6.4	8.3	10.7	13.1	15.9	18.9	22.3	25.6
-77.5°	0.0	1.8	3.7	5.3	6.9	8.5	10.5	12.7	15.2	17.6	20.3
-80°	0.0	1.5	2.9	4.3	5.5	6.6	7.7	9.5	11.4	13.4	15.4
-82.5°	0.0	1.1	2.2	3.2	4.1	5.0	5.7	6.7	7.7	9.1	10.5
-85°	0.0	0.7	1.5	2.1	2.8	3.3	3.8	4.4	5.1	5.7	6.2
-87.5°	0.0	0.4	0.7	1.1	1.4	1.7	1.9	2.2	2.5	2.8	3.1
-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°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9
85°	6.8	7.4	8.1	8.8	9.4	10.0	10.5	10.9	11.5	12.2	12.8
82.5°	11.7	12.7	13.5	14.3	15.0	15.7	16.6	17.8	19.4	20.9	22.4
80°	16.8	18.0	19.7	21.5	23.5	25.4	27.2	29.0	30.9	33.0	35.1
77.5°	22.6	25.0	27.6	30.4	33.2	36.3	39.6	42.8	45.7	48.3	50.6
75°	28.6	31.9	36.2	40.6	44.8	48.9	53.1	57.2	60.8	64.1	67.5
72.5°	35.6	40.9	46.1	51.2	56.6	61.8	66.7	71.3	75.8	80.4	84.7
70°	44.0	50.0	56.3	62.8	69.0	74.8	80.4	86.2	91.8	96.9	101.4
67.5°	52.3	59.6	66.9	74.1	80.9	87.5	94.2	100.8	107.1	112.4	117.1
65°	60.9	69.0	77.2	85.0	92.4	100.1	107.7	115.0	120.9	125.8	130.5
62.5°	69.3	78.5	87.3	95.9	104.4	112.8	120.0	126.5	132.7	138.0	143.1
60°	77.9	87.9	97.5	106.9	115.9	123.5	130.9	137.5	143.6	149.5	153.9
57.5°	86.4	97.2	107.5	117.2	125.8	133.7	140.8	147.7	153.0	157.7	162.5
55°	94.8	106.3	117.0	126.5	135.2	142.7	149.9	155.7	161.0	165.4	170.1
52.5°	102.9	114.9	125.5	135.2	143.5	151.0	157.3	163.0	168.0	172.5	176.3
50°	110.9	122.7	133.7	142.7	151.0	158.1	164.0	169.5	174.4	178.5	182.0
47.5°	118.0	130.2	140.5	149.8	157.7	164.4	170.1	175.4	180.2	183.9	187.3
45°	124.7	136.6	147.1	156.0	163.7	170.0	175.6	181.1	185.0	188.6	191.3
42.5°	131.0	142.6	152.8	162.0	168.8	174.9	180.6	185.3	189.4	192.5	195.4
40°	136.4	148.3	158.2	166.5	173.5	179.3	184.6	189.3	193.2	196.4	199.4
37.5°	141.5	153.0	163.0	170.8	177.3	183.1	188.2	192.6	196.5	199.8	204.0
35°	146.4	157.5	166.7	174.3	180.7	186.3	191.3	195.7	199.6	204.2	209.0
32.5°	150.5	161.7	170.3	177.2	183.5	189.2	194.1	198.7	203.2	208.3	214.3
30°	154.0	164.8	173.3	179.8	186.0	191.5	196.8	201.7	206.6	212.8	220.6
27.5°	157.3	167.6	175.5	182.0	188.3	193.4	199.0	204.5	210.4	217.5	227.3
25°	160.2	170.2	177.5	184.1	189.9	195.3	201.0	206.7	214.0	223.5	236.2
22.5°	162.7	172.6	179.2	185.9	191.3	197.0	202.8	209.2	217.4	228.9	245.6
20°	164.6	174.1	180.6	187.3	192.4	198.4	204.4	211.4	221.2	236.1	255.5
17.5°	166.4	175.3	181.9	188.2	193.5	199.7	205.8	213.1	224.3	242.9	264.6
15°	168.0	176.3	182.8	188.8	194.5	200.6	207.1	215.4	228.4	249.4	272.8
12.5°	169.3	177.1	183.6	189.4	195.2	201.3	208.2	217.3	232.8	255.5	280.9
10°	170.5	177.7	184.1	189.7	195.8	201.6	209.0	218.6	236.0	259.0	285.7
7.5°	171.2	178.2	184.5	189.9	196.1	201.7	209.6	219.3	237.9	260.8	288.4
5°	171.5	178.6	184.9	190.3	196.5	202.0	210.1	219.4	238.7	261.2	289.4
2.5°	171.7	178.8	185.2	190.5	196.8	202.7	211.1	220.5	239.4	262.4	290.0
0°	171.5	178.9	185.3	190.6	196.9	203.3	211.8	221.3	239.3	263.6	290.1
-2.5°	171.7	178.8	185.2	190.5	196.8	202.7	211.1	220.5	239.4	262.4	290.0
-5°	171.5	178.6	184.9	190.3	196.5	202.0	210.1	219.4	238.7	261.2	289.4
-7.5°	171.2	178.2	184.5	189.9	196.1	201.7	209.6	219.3	237.9	260.8	288.4
-10°	170.5	177.7	184.1	189.7	195.8	201.6	209.0	218.6	236.0	259.0	285.7
-12.5°	169.3	177.1	183.6	189.4	195.2	201.3	208.2	217.3	232.8	255.5	280.9
-15°	168.0	176.3	182.8	188.8	194.5	200.6	207.1	215.4	228.4	249.4	272.8
-17.5°	166.4	175.3	181.9	188.2	193.5	199.7	205.8	213.1	224.3	242.9	264.6
-20°	164.6	174.1	180.6	187.3	192.4	198.4	204.4	211.4	221.2	236.1	255.5



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	162.7	172.6	179.2	185.9	191.3	197.0	202.8	209.2	217.4	228.9	245.6
-25°	160.2	170.2	177.5	184.1	189.9	195.3	201.0	206.7	214.0	223.5	236.2
-27.5°	157.3	167.6	175.5	182.0	188.3	193.4	199.0	204.5	210.4	217.5	227.3
-30°	154.0	164.8	173.3	179.8	186.0	191.5	196.8	201.7	206.6	212.8	220.6
-32.5°	150.5	161.7	170.3	177.2	183.5	189.2	194.1	198.7	203.2	208.3	214.3
-35°	146.4	157.5	166.7	174.3	180.7	186.3	191.3	195.7	199.6	204.2	209.0
-37.5°	141.5	153.0	163.0	170.8	177.3	183.1	188.2	192.6	196.5	199.8	204.0
-40°	136.4	148.3	158.2	166.5	173.5	179.3	184.6	189.3	193.2	196.4	199.4
-42.5°	131.0	142.6	152.8	162.0	168.8	174.9	180.6	185.3	189.4	192.5	195.4
-45°	124.7	136.6	147.1	156.0	163.7	170.0	175.6	181.1	185.0	188.6	191.3
-47.5°	118.0	130.2	140.5	149.8	157.7	164.4	170.1	175.4	180.2	183.9	187.3
-50°	110.9	122.7	133.7	142.7	151.0	158.1	164.0	169.5	174.4	178.5	182.0
-52.5°	102.9	114.9	125.5	135.2	143.5	151.0	157.3	163.0	168.0	172.5	176.3
-55°	94.8	106.3	117.0	126.5	135.2	142.7	149.9	155.7	161.0	165.4	170.1
-57.5°	86.4	97.2	107.5	117.2	125.8	133.7	140.8	147.7	153.0	157.7	162.5
-60°	77.9	87.9	97.5	106.9	115.9	123.5	130.9	137.5	143.6	149.5	153.9
-62.5°	69.3	78.5	87.3	95.9	104.4	112.8	120.0	126.5	132.7	138.0	143.1
-65°	60.9	69.0	77.2	85.0	92.4	100.1	107.7	115.0	120.9	125.8	130.5
-67.5°	52.3	59.6	66.9	74.1	80.9	87.5	94.2	100.8	107.1	112.4	117.1
-70°	44.0	50.0	56.3	62.8	69.0	74.8	80.4	86.2	91.8	96.9	101.4
-72.5°	35.6	40.9	46.1	51.2	56.6	61.8	66.7	71.3	75.8	80.4	84.7
-75°	28.6	31.9	36.2	40.6	44.8	48.9	53.1	57.2	60.8	64.1	67.5
-77.5°	22.6	25.0	27.6	30.4	33.2	36.3	39.6	42.8	45.7	48.3	50.6
-80°	16.8	18.0	19.7	21.5	23.5	25.4	27.2	29.0	30.9	33.0	35.1
-82.5°	11.7	12.7	13.5	14.3	15.0	15.7	16.6	17.8	19.4	20.9	22.4
-85°	6.8	7.4	8.1	8.8	9.4	10.0	10.5	10.9	11.5	12.2	12.8
-87.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.5	5.7	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: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	6.1	6.0	6.0	5.9	5.8	5.9	6.0	6.1	6.2	6.2	6.3
85°	13.5	14.0	14.6	15.2	15.8	16.2	16.6	16.9	17.2	17.4	17.6
82.5°	23.7	24.9	26.0	27.0	27.9	28.6	29.3	29.9	30.4	30.8	31.2
80°	37.0	38.8	40.5	42.1	43.6	44.8	45.8	46.7	47.3	48.1	48.7
77.5°	52.8	55.4	57.8	60.0	62.0	63.6	65.0	66.3	67.3	68.6	69.8
75°	70.8	73.9	76.7	79.2	81.6	83.7	85.5	87.2	88.6	90.0	91.2
72.5°	88.7	92.4	95.6	98.4	100.9	103.3	105.7	107.9	109.9	111.4	112.6
70°	105.6	109.4	112.9	116.0	119.0	122.0	125.0	127.8	130.4	132.1	133.1
67.5°	121.1	125.0	128.9	132.8	136.3	139.4	142.5	145.3	147.8	149.5	150.6
65°	135.1	139.4	143.6	147.6	151.3	154.0	156.7	159.4	161.9	163.9	165.4
62.5°	148.2	152.4	156.0	159.4	162.5	165.2	167.9	170.4	172.5	174.4	176.1
60°	158.2	162.5	166.0	169.1	172.0	174.7	176.8	178.7	180.1	181.3	182.4
57.5°	166.8	170.8	174.4	177.0	179.6	182.2	184.0	185.1	186.0	186.7	187.1
55°	174.1	177.5	180.4	183.3	185.8	188.0	189.6	190.4	190.9	191.1	191.4
52.5°	180.1	183.3	186.4	189.1	191.0	192.9	194.5	194.9	195.2	195.3	195.3
50°	185.5	188.7	191.1	193.4	195.4	197.1	198.5	199.1	199.5	199.6	199.4
47.5°	189.9	192.6	195.3	197.6	199.7	201.7	203.2	204.1	204.8	205.0	205.0
45°	193.7	196.9	199.8	202.5	204.9	207.5	209.6	211.1	212.6	213.6	214.1
42.5°	198.3	201.5	204.6	208.4	211.9	215.2	218.8	221.9	225.2	228.7	231.1
40°	202.9	206.3	211.1	215.7	220.8	225.4	233.0	240.6	246.3	251.2	255.6
37.5°	208.2	213.2	218.9	224.8	233.2	241.9	251.4	260.7	268.9	276.3	282.3
35°	214.3	221.0	228.1	238.5	249.1	259.8	271.2	283.7	294.3	302.0	307.6
32.5°	221.7	230.1	241.5	254.8	267.9	281.8	295.6	309.5	319.9	330.6	341.5
30°	229.9	242.1	256.8	273.1	289.4	305.9	323.2	342.5	360.8	380.5	408.7
27.5°	240.4	255.3	272.5	291.8	311.4	331.1	361.3	394.4	443.5	482.8	549.3
25°	251.7	269.1	289.6	311.9	335.9	371.1	426.4	491.7	607.4	697.2	833.3
22.5°	264.2	284.6	307.3	332.9	371.6	438.2	532.7	700.4	933.7	1164.2	1420.6
20°	276.5	299.2	324.0	362.7	428.4	533.8	738.4	1101.0	1506.1	2082.7	2566.7
17.5°	288.2	312.2	343.8	396.2	494.5	706.3	1102.8	1723.9	2569.8	3499.3	4274.4
15°	298.5	323.0	365.5	448.5	614.7	944.6	1543.2	2600.3	4021.5	5294.1	6429.2
12.5°	307.2	336.3	389.1	490.7	719.0	1207.3	2167.6	3668.6	5404.1	7188.9	8625.4
10°	313.5	350.3	420.5	568.8	884.7	1520.0	2688.0	4581.4	6671.1	8840.3	11437.1
7.5°	317.3	360.3	444.4	626.8	1032.5	1868.2	3340.8	5396.4	7796.1	10757.3	14724.9
5°	320.0	367.1	462.1	670.4	1131.2	2098.4	3753.0	6013.8	8766.8	13048.6	21213.9
2.5°	321.3	370.1	472.1	694.4	1176.2	2216.7	4043.0	6367.4	9357.4	14664.9	25709.2
0°	320.8	368.5	473.3	699.9	1182.7	2307.2	4091.3	6468.3	9556.9	14809.8	27150.3
-2.5°	321.3	370.1	472.1	694.4	1176.2	2216.7	4043.0	6367.4	9357.4	14664.9	25709.2
-5°	320.0	367.1	462.1	670.4	1131.2	2098.4	3753.0	6013.8	8766.8	13048.6	21213.9
-7.5°	317.3	360.3	444.4	626.8	1032.5	1868.2	3340.8	5396.4	7796.1	10757.3	14724.9
-10°	313.5	350.3	420.5	568.8	884.7	1520.0	2688.0	4581.4	6671.1	8840.3	11437.1
-12.5°	307.2	336.3	389.1	490.7	719.0	1207.3	2167.6	3668.6	5404.1	7188.9	8625.4
-15°	298.5	323.0	365.5	448.5	614.7	944.6	1543.2	2600.3	4021.5	5294.1	6429.2
-17.5°	288.2	312.2	343.8	396.2	494.5	706.3	1102.8	1723.9	2569.8	3499.3	4274.4
-20°	276.5	299.2	324.0	362.7	428.4	533.8	738.4	1101.0	1506.1	2082.7	2566.7



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	264.2	284.6	307.3	332.9	371.6	438.2	532.7	700.4	933.7	1164.2	1420.6
-25°	251.7	269.1	289.6	311.9	335.9	371.1	426.4	491.7	607.4	697.2	833.3
-27.5°	240.4	255.3	272.5	291.8	311.4	331.1	361.3	394.4	443.5	482.8	549.3
-30°	229.9	242.1	256.8	273.1	289.4	305.9	323.2	342.5	360.8	380.5	408.7
-32.5°	221.7	230.1	241.5	254.8	267.9	281.8	295.6	309.5	319.9	330.6	341.5
-35°	214.3	221.0	228.1	238.5	249.1	259.8	271.2	283.7	294.3	302.0	307.6
-37.5°	208.2	213.2	218.9	224.8	233.2	241.9	251.4	260.7	268.9	276.3	282.3
-40°	202.9	206.3	211.1	215.7	220.8	225.4	233.0	240.6	246.3	251.2	255.6
-42.5°	198.3	201.5	204.6	208.4	211.9	215.2	218.8	221.9	225.2	228.7	231.1
-45°	193.7	196.9	199.8	202.5	204.9	207.5	209.6	211.1	212.6	213.6	214.1
-47.5°	189.9	192.6	195.3	197.6	199.7	201.7	203.2	204.1	204.8	205.0	205.0
-50°	185.5	188.7	191.1	193.4	195.4	197.1	198.5	199.1	199.5	199.6	199.4
-52.5°	180.1	183.3	186.4	189.1	191.0	192.9	194.5	194.9	195.2	195.3	195.3
-55°	174.1	177.5	180.4	183.3	185.8	188.0	189.6	190.4	190.9	191.1	191.4
-57.5°	166.8	170.8	174.4	177.0	179.6	182.2	184.0	185.1	186.0	186.7	187.1
-60°	158.2	162.5	166.0	169.1	172.0	174.7	176.8	178.7	180.1	181.3	182.4
-62.5°	148.2	152.4	156.0	159.4	162.5	165.2	167.9	170.4	172.5	174.4	176.1
-65°	135.1	139.4	143.6	147.6	151.3	154.0	156.7	159.4	161.9	163.9	165.4
-67.5°	121.1	125.0	128.9	132.8	136.3	139.4	142.5	145.3	147.8	149.5	150.6
-70°	105.6	109.4	112.9	116.0	119.0	122.0	125.0	127.8	130.4	132.1	133.1
-72.5°	88.7	92.4	95.6	98.4	100.9	103.3	105.7	107.9	109.9	111.4	112.6
-75°	70.8	73.9	76.7	79.2	81.6	83.7	85.5	87.2	88.6	90.0	91.2
-77.5°	52.8	55.4	57.8	60.0	62.0	63.6	65.0	66.3	67.3	68.6	69.8
-80°	37.0	38.8	40.5	42.1	43.6	44.8	45.8	46.7	47.3	48.1	48.7
-82.5°	23.7	24.9	26.0	27.0	27.9	28.6	29.3	29.9	30.4	30.8	31.2
-85°	13.5	14.0	14.6	15.2	15.8	16.2	16.6	16.9	17.2	17.4	17.6
-87.5°	6.1	6.0	6.0	5.9	5.8	5.9	6.0	6.1	6.2	6.2	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1
85°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.4	17.2	16.9
82.5°	31.4	31.6	31.8	31.8	31.8	31.6	31.4	31.2	30.8	30.4	29.9
80°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.7	48.1	47.3	46.7
77.5°	70.8	71.6	71.9	72.0	71.9	71.6	70.8	69.8	68.6	67.3	66.3
75°	92.1	92.7	93.1	93.2	93.1	92.7	92.1	91.2	90.0	88.6	87.2
72.5°	113.4	113.8	114.7	115.4	114.7	113.8	113.4	112.6	111.4	109.9	107.9
70°	133.7	133.9	134.8	135.5	134.8	133.9	133.7	133.1	132.1	130.4	127.8
67.5°	151.4	151.9	151.8	151.4	151.8	151.9	151.4	150.6	149.5	147.8	145.3
65°	166.7	167.7	167.7	167.3	167.7	167.7	166.7	165.4	163.9	161.9	159.4
62.5°	177.8	179.3	179.9	180.0	179.9	179.3	177.8	176.1	174.4	172.5	170.4
60°	183.3	183.9	184.1	184.2	184.1	183.9	183.3	182.4	181.3	180.1	178.7
57.5°	187.3	187.3	187.4	187.4	187.4	187.3	187.3	187.1	186.7	186.0	185.1
55°	191.5	191.5	191.2	190.6	191.2	191.5	191.5	191.4	191.1	190.9	190.4
52.5°	195.2	194.8	194.4	193.8	194.4	194.8	195.2	195.3	195.3	195.2	194.9
50°	198.9	198.2	197.9	198.0	197.9	198.2	198.9	199.4	199.6	199.5	199.1
47.5°	204.9	204.4	204.3	204.4	204.3	204.4	204.9	205.0	205.0	204.8	204.1
45°	214.3	213.9	213.7	213.9	213.7	213.9	214.3	214.1	213.6	212.6	211.1
42.5°	232.4	232.6	232.4	232.9	232.4	232.6	232.4	231.1	228.7	225.2	221.9
40°	257.4	257.3	256.4	256.2	256.4	257.3	257.4	255.6	251.2	246.3	240.6
37.5°	284.7	284.7	283.8	283.8	283.8	284.7	284.7	282.3	276.3	268.9	260.7
35°	310.5	311.4	311.3	310.2	311.3	311.4	310.5	307.6	302.0	294.3	283.7
32.5°	349.1	355.1	358.1	356.8	358.1	355.1	349.1	341.5	330.6	319.9	309.5
30°	426.4	441.7	449.7	453.2	449.7	441.7	426.4	408.7	380.5	360.8	342.5
27.5°	597.0	630.6	645.8	651.2	645.8	630.6	597.0	549.3	482.8	443.5	394.4
25°	952.3	1028.4	1065.8	1077.9	1065.8	1028.4	952.3	833.3	697.2	607.4	491.7
22.5°	1702.9	1849.2	1949.4	1971.5	1949.4	1849.2	1702.9	1420.6	1164.2	933.7	700.4
20°	3053.2	3336.4	3490.0	3476.1	3490.0	3336.4	3053.2	2566.7	2082.7	1506.1	1101.0
17.5°	4933.3	5296.3	5469.1	5388.3	5469.1	5296.3	4933.3	4274.4	3499.3	2569.8	1723.9
15°	7232.0	7722.4	7936.4	8002.6	7936.4	7722.4	7232.0	6429.2	5294.1	4021.5	2600.3
12.5°	10059.3	11667.3	12436.3	12642.3	12436.3	11667.3	10059.3	8625.4	7188.9	5404.1	3668.6
10°	14093.1	19498.4	22713.4	23498.5	22713.4	19498.4	14093.1	11437.1	8840.3	6671.1	4581.4
7.5°	23015.4	33999.1	46303.4	52130.1	46303.4	33999.1	23015.4	14724.9	10757.3	7796.1	5396.4
5°	35098.4	60916.1	89404.3	100572.3	89404.3	60916.1	35098.4	21213.9	13048.6	8766.8	6013.8
2.5°	49787.3	91978.6	131342.4	146016.5	131342.4	91978.6	49787.3	25709.2	14664.9	9357.4	6367.4
0°	55993.2	106041.1	144710.9	157280.7	144710.9	106041.1	55993.2	27150.3	14809.8	9556.9	6468.3
-2.5°	49787.3	91978.6	131342.4	146016.4	131342.4	91978.6	49787.3	25709.2	14664.9	9357.4	6367.4
-5°	35098.4	60916.1	89404.3	100572.3	89404.3	60916.1	35098.4	21213.9	13048.6	8766.8	6013.8
-7.5°	23015.4	33999.1	46303.4	52130.1	46303.4	33999.1	23015.4	14724.9	10757.3	7796.1	5396.4
-10°	14093.1	19498.4	22713.4	23498.5	22713.4	19498.4	14093.1	11437.1	8840.3	6671.1	4581.4
-12.5°	10059.3	11667.3	12436.3	12642.3	12436.3	11667.3	10059.3	8625.4	7188.9	5404.1	3668.6
-15°	7232.0	7722.4	7936.4	8002.6	7936.4	7722.4	7232.0	6429.2	5294.1	4021.5	2600.3
-17.5°	4933.3	5296.3	5469.1	5388.3	5469.1	5296.3	4933.3	4274.4	3499.3	2569.8	1723.9
-20°	3053.2	3336.4	3490.0	3476.1	3490.0	3336.4	3053.2	2566.7	2082.7	1506.1	1101.0



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	1702.9	1849.2	1949.4	1971.5	1949.4	1849.2	1702.9	1420.6	1164.2	933.7	700.4
-25°	952.3	1028.4	1065.8	1077.9	1065.8	1028.4	952.3	833.3	697.2	607.4	491.7
-27.5°	597.0	630.6	645.8	651.2	645.8	630.6	597.0	549.3	482.8	443.5	394.4
-30°	426.4	441.7	449.7	453.2	449.7	441.7	426.4	408.7	380.5	360.8	342.5
-32.5°	349.1	355.1	358.1	356.8	358.1	355.1	349.1	341.5	330.6	319.9	309.5
-35°	310.5	311.4	311.3	310.2	311.3	311.4	310.5	307.6	302.0	294.3	283.7
-37.5°	284.7	284.7	283.8	283.8	283.8	284.7	284.7	282.3	276.3	268.9	260.7
-40°	257.4	257.3	256.4	256.2	256.4	257.3	257.4	255.6	251.2	246.3	240.6
-42.5°	232.4	232.6	232.4	232.9	232.4	232.6	232.4	231.1	228.7	225.2	221.9
-45°	214.3	213.9	213.7	213.9	213.7	213.9	214.3	214.1	213.6	212.6	211.1
-47.5°	204.9	204.4	204.3	204.4	204.3	204.4	204.9	205.0	205.0	204.8	204.1
-50°	198.9	198.2	197.9	198.0	197.9	198.2	198.9	199.4	199.6	199.5	199.1
-52.5°	195.2	194.8	194.4	193.8	194.4	194.8	195.2	195.3	195.3	195.2	194.9
-55°	191.5	191.5	191.2	190.6	191.2	191.5	191.5	191.4	191.1	190.9	190.4
-57.5°	187.3	187.3	187.4	187.4	187.4	187.3	187.3	187.1	186.7	186.0	185.1
-60°	183.3	183.9	184.1	184.2	184.1	183.9	183.3	182.4	181.3	180.1	178.7
-62.5°	177.8	179.3	179.9	180.0	179.9	179.3	177.8	176.1	174.4	172.5	170.4
-65°	166.7	167.7	167.7	167.3	167.7	167.7	166.7	165.4	163.9	161.9	159.4
-67.5°	151.4	151.9	151.8	151.4	151.8	151.9	151.4	150.6	149.5	147.8	145.3
-70°	133.7	133.9	134.8	135.5	134.8	133.9	133.7	133.1	132.1	130.4	127.8
-72.5°	113.4	113.8	114.7	115.4	114.7	113.8	113.4	112.6	111.4	109.9	107.9
-75°	92.1	92.7	93.1	93.2	93.1	92.7	92.1	91.2	90.0	88.6	87.2
-77.5°	70.8	71.6	71.9	72.0	71.9	71.6	70.8	69.8	68.6	67.3	66.3
-80°	49.2	49.5	49.7	49.8	49.7	49.5	49.2	48.7	48.1	47.3	46.7
-82.5°	31.4	31.6	31.8	31.8	31.8	31.6	31.4	31.2	30.8	30.4	29.9
-85°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.6	17.4	17.2	16.9
-87.5°	6.3	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.2	6.2	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	6.0	5.9	5.8	5.9	6.0	6.0	6.1	5.9	5.7	5.5	5.2
85°	16.6	16.2	15.8	15.2	14.6	14.0	13.5	12.8	12.2	11.5	10.9
82.5°	29.3	28.6	27.9	27.0	26.0	24.9	23.7	22.4	20.9	19.4	17.8
80°	45.8	44.8	43.6	42.1	40.5	38.8	37.0	35.1	33.0	30.9	29.0
77.5°	65.0	63.6	62.0	60.0	57.8	55.4	52.8	50.6	48.3	45.7	42.8
75°	85.5	83.7	81.6	79.2	76.7	73.9	70.8	67.5	64.1	60.8	57.2
72.5°	105.7	103.3	100.9	98.4	95.6	92.4	88.7	84.7	80.4	75.8	71.3
70°	125.0	122.0	119.0	116.0	112.9	109.4	105.6	101.4	96.9	91.8	86.2
67.5°	142.5	139.4	136.3	132.8	128.9	125.0	121.1	117.1	112.4	107.1	100.8
65°	156.7	154.0	151.3	147.6	143.6	139.4	135.1	130.5	125.8	120.9	115.0
62.5°	167.9	165.2	162.5	159.4	156.0	152.4	148.2	143.1	138.0	132.7	126.5
60°	176.8	174.7	172.0	169.1	166.0	162.5	158.2	153.9	149.5	143.6	137.5
57.5°	184.0	182.2	179.6	177.0	174.4	170.8	166.8	162.5	157.7	153.0	147.7
55°	189.6	188.0	185.8	183.3	180.4	177.5	174.1	170.1	165.4	161.0	155.7
52.5°	194.5	192.9	191.0	189.1	186.4	183.3	180.1	176.3	172.5	168.0	163.0
50°	198.5	197.1	195.4	193.4	191.1	188.7	185.5	182.0	178.5	174.4	169.5
47.5°	203.2	201.7	199.7	197.6	195.3	192.6	189.9	187.3	183.9	180.2	175.4
45°	209.6	207.5	204.9	202.5	199.8	196.9	193.7	191.3	188.6	185.0	181.1
42.5°	218.8	215.2	211.9	208.4	204.6	201.5	198.3	195.4	192.5	189.4	185.3
40°	233.0	225.4	220.8	215.7	211.1	206.3	202.9	199.4	196.4	193.2	189.3
37.5°	251.4	241.9	233.2	224.8	218.9	213.2	208.2	204.0	199.8	196.5	192.6
35°	271.2	259.8	249.1	238.5	228.1	221.0	214.3	209.0	204.2	199.6	195.7
32.5°	295.6	281.8	267.9	254.8	241.5	230.1	221.7	214.3	208.3	203.2	198.7
30°	323.2	305.9	289.4	273.1	256.8	242.1	229.9	220.6	212.8	206.6	201.7
27.5°	361.3	331.1	311.4	291.8	272.5	255.3	240.4	227.3	217.5	210.4	204.5
25°	426.4	371.1	335.9	311.9	289.6	269.1	251.7	236.2	223.5	214.0	206.7
22.5°	532.7	438.2	371.6	332.9	307.3	284.6	264.2	245.6	228.9	217.4	209.2
20°	738.4	533.8	428.4	362.7	324.0	299.2	276.5	255.5	236.1	221.2	211.4
17.5°	1102.8	706.3	494.5	396.2	343.8	312.2	288.2	264.6	242.9	224.3	213.1
15°	1543.2	944.6	614.7	448.5	365.5	323.0	298.5	272.8	249.4	228.4	215.4
12.5°	2167.6	1207.3	719.0	490.7	389.1	336.3	307.2	280.9	255.5	232.8	217.3
10°	2688.0	1520.0	884.7	568.8	420.5	350.3	313.5	285.7	259.0	236.0	218.6
7.5°	3340.8	1868.2	1032.5	626.8	444.4	360.3	317.3	288.4	260.8	237.9	219.3
5°	3753.0	2098.4	1131.2	670.4	462.1	367.1	320.0	289.4	261.2	238.7	219.4
2.5°	4043.0	2216.7	1176.2	694.4	472.1	370.1	321.3	290.0	262.4	239.4	220.5
0°	4091.3	2307.2	1182.7	699.9	473.3	368.5	320.8	290.1	263.6	239.3	221.3
-2.5°	4043.0	2216.7	1176.2	694.4	472.1	370.1	321.3	290.0	262.4	239.4	220.5
-5°	3753.0	2098.4	1131.2	670.4	462.1	367.1	320.0	289.4	261.2	238.7	219.4
-7.5°	3340.8	1868.2	1032.5	626.8	444.4	360.3	317.3	288.4	260.8	237.9	219.3
-10°	2688.0	1520.0	884.7	568.8	420.5	350.3	313.5	285.7	259.0	236.0	218.6
-12.5°	2167.6	1207.3	719.0	490.7	389.1	336.3	307.2	280.9	255.5	232.8	217.3
-15°	1543.2	944.6	614.7	448.5	365.5	323.0	298.5	272.8	249.4	228.4	215.4
-17.5°	1102.8	706.3	494.5	396.2	343.8	312.2	288.2	264.6	242.9	224.3	213.1
-20°	738.4	533.8	428.4	362.7	324.0	299.2	276.5	255.5	236.1	221.2	211.4



REPORT NUMBER: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-U-TS-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	532.7	438.2	371.6	332.9	307.3	284.6	264.2	245.6	228.9	217.4	209.2
-25°	426.4	371.1	335.9	311.9	289.6	269.1	251.7	236.2	223.5	214.0	206.7
-27.5°	361.3	331.1	311.4	291.8	272.5	255.3	240.4	227.3	217.5	210.4	204.5
-30°	323.2	305.9	289.4	273.1	256.8	242.1	229.9	220.6	212.8	206.6	201.7
-32.5°	295.6	281.8	267.9	254.8	241.5	230.1	221.7	214.3	208.3	203.2	198.7
-35°	271.2	259.8	249.1	238.5	228.1	221.0	214.3	209.0	204.2	199.6	195.7
-37.5°	251.4	241.9	233.2	224.8	218.9	213.2	208.2	204.0	199.8	196.5	192.6
-40°	233.0	225.4	220.8	215.7	211.1	206.3	202.9	199.4	196.4	193.2	189.3
-42.5°	218.8	215.2	211.9	208.4	204.6	201.5	198.3	195.4	192.5	189.4	185.3
-45°	209.6	207.5	204.9	202.5	199.8	196.9	193.7	191.3	188.6	185.0	181.1
-47.5°	203.2	201.7	199.7	197.6	195.3	192.6	189.9	187.3	183.9	180.2	175.4
-50°	198.5	197.1	195.4	193.4	191.1	188.7	185.5	182.0	178.5	174.4	169.5
-52.5°	194.5	192.9	191.0	189.1	186.4	183.3	180.1	176.3	172.5	168.0	163.0
-55°	189.6	188.0	185.8	183.3	180.4	177.5	174.1	170.1	165.4	161.0	155.7
-57.5°	184.0	182.2	179.6	177.0	174.4	170.8	166.8	162.5	157.7	153.0	147.7
-60°	176.8	174.7	172.0	169.1	166.0	162.5	158.2	153.9	149.5	143.6	137.5
-62.5°	167.9	165.2	162.5	159.4	156.0	152.4	148.2	143.1	138.0	132.7	126.5
-65°	156.7	154.0	151.3	147.6	143.6	139.4	135.1	130.5	125.8	120.9	115.0
-67.5°	142.5	139.4	136.3	132.8	128.9	125.0	121.1	117.1	112.4	107.1	100.8
-70°	125.0	122.0	119.0	116.0	112.9	109.4	105.6	101.4	96.9	91.8	86.2
-72.5°	105.7	103.3	100.9	98.4	95.6	92.4	88.7	84.7	80.4	75.8	71.3
-75°	85.5	83.7	81.6	79.2	76.7	73.9	70.8	67.5	64.1	60.8	57.2
-77.5°	65.0	63.6	62.0	60.0	57.8	55.4	52.8	50.6	48.3	45.7	42.8
-80°	45.8	44.8	43.6	42.1	40.5	38.8	37.0	35.1	33.0	30.9	29.0
-82.5°	29.3	28.6	27.9	27.0	26.0	24.9	23.7	22.4	20.9	19.4	17.8
-85°	16.6	16.2	15.8	15.2	14.6	14.0	13.5	12.8	12.2	11.5	10.9
-87.5°	6.0	5.9	5.8	5.9	6.0	6.0	6.1	5.9	5.7	5.5	5.2
-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: P558712 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-940-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°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
85°	10.5	10.0	9.4	8.8	8.1	7.4	6.8	6.2	5.7	5.1	4.4
82.5°	16.6	15.7	15.0	14.3	13.5	12.7	11.7	10.5	9.1	7.7	6.7
80°	27.2	25.4	23.5	21.5	19.7	18.0	16.8	15.4	13.4	11.4	9.5
77.5°	39.6	36.3	33.2	30.4	27.6	25.0	22.6	20.3	17.6	15.2	12.7
75°	53.1	48.9	44.8	40.6	36.2	31.9	28.6	25.6	22.3	18.9	15.9
72.5°	66.7	61.8	56.6	51.2	46.1	40.9	35.6	30.8	27.1	23.3	19.2
70°	80.4	74.8	69.0	62.8	56.3	50.0	44.0	37.9	32.0	27.6	23.1
67.5°	94.2	87.5	80.9	74.1	66.9	59.6	52.3	45.3	38.5	31.9	26.9
65°	107.7	100.1	92.4	85.0	77.2	69.0	60.9	52.7	44.9	37.5	30.7
62.5°	120.0	112.8	104.4	95.9	87.3	78.5	69.3	60.3	51.2	42.9	35.1
60°	130.9	123.5	115.9	106.9	97.5	87.9	77.9	67.8	58.0	48.2	39.6
57.5°	140.8	133.7	125.8	117.2	107.5	97.2	86.4	75.5	64.6	53.9	44.0
55°	149.9	142.7	135.2	126.5	117.0	106.3	94.8	83.0	71.1	59.6	48.2
52.5°	157.3	151.0	143.5	135.2	125.5	114.9	102.9	90.3	77.7	65.2	53.1
50°	164.0	158.1	151.0	142.7	133.7	122.7	110.9	97.6	84.1	70.6	57.8
47.5°	170.1	164.4	157.7	149.8	140.5	130.2	118.0	104.7	90.3	76.1	62.4
45°	175.6	170.0	163.7	156.0	147.1	136.6	124.7	111.6	96.5	81.4	66.8
42.5°	180.6	174.9	168.8	162.0	152.8	142.6	131.0	117.5	102.4	86.5	71.1
40°	184.6	179.3	173.5	166.5	158.2	148.3	136.4	123.0	108.2	91.5	75.4
37.5°	188.2	183.1	177.3	170.8	163.0	153.0	141.5	128.3	113.4	96.3	79.4
35°	191.3	186.3	180.7	174.3	166.7	157.5	146.4	133.0	117.7	100.8	83.2
32.5°	194.1	189.2	183.5	177.2	170.3	161.7	150.5	137.1	121.8	105.0	86.8
30°	196.8	191.5	186.0	179.8	173.3	164.8	154.0	140.8	125.7	108.9	90.2
27.5°	199.0	193.4	188.3	182.0	175.5	167.6	157.3	144.3	129.2	112.3	93.3
25°	201.0	195.3	189.9	184.1	177.5	170.2	160.2	147.5	132.2	115.1	96.2
22.5°	202.8	197.0	191.3	185.9	179.2	172.6	162.7	149.9	134.8	117.7	98.8
20°	204.4	198.4	192.4	187.3	180.6	174.1	164.6	152.1	137.1	120.1	101.1
17.5°	205.8	199.7	193.5	188.2	181.9	175.3	166.4	154.1	139.1	122.1	103.1
15°	207.1	200.6	194.5	188.8	182.8	176.3	168.0	155.8	140.9	123.9	104.8
12.5°	208.2	201.3	195.2	189.4	183.6	177.1	169.3	157.3	142.3	125.3	106.3
10°	209.0	201.6	195.8	189.7	184.1	177.7	170.5	158.4	143.5	126.5	107.4
7.5°	209.6	201.7	196.1	189.9	184.5	178.2	171.2	159.2	144.3	127.3	108.3
5°	210.1	202.0	196.5	190.3	184.9	178.6	171.5	159.8	144.9	127.9	108.9
2.5°	211.1	202.7	196.8	190.5	185.2	178.8	171.7	160.0	145.2	128.1	109.1
0°	211.8	203.3	196.9	190.6	185.3	178.9	171.5	159.9	145.1	128.1	109.1
-2.5°	211.1	202.7	196.8	190.5	185.2	178.8	171.7	160.0	145.2	128.1	109.1
-5°	210.1	202.0	196.5	190.3	184.9	178.6	171.5	159.8	144.9	127.9	108.9
-7.5°	209.6	201.7	196.1	189.9	184.5	178.2	171.2	159.2	144.3	127.3	108.3
-10°	209.0	201.6	195.8	189.7	184.1	177.7	170.5	158.4	143.5	126.5	107.4
-12.5°	208.2	201.3	195.2	189.4	183.6	177.1	169.3	157.3	142.3	125.3	106.3
-15°	207.1	200.6	194.5	188.8	182.8	176.3	168.0	155.8	140.9	123.9	104.8
-17.5°	205.8	199.7	193.5	188.2	181.9	175.3	166.4	154.1	139.1	122.1	103.1
-20°	204.4	198.4	192.4	187.3	180.6	174.1	164.6	152.1	137.1	120.1	101.1



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	202.8	197.0	191.3	185.9	179.2	172.6	162.7	149.9	134.8	117.7	98.8
-25°	201.0	195.3	189.9	184.1	177.5	170.2	160.2	147.5	132.2	115.1	96.2
-27.5°	199.0	193.4	188.3	182.0	175.5	167.6	157.3	144.3	129.2	112.3	93.3
-30°	196.8	191.5	186.0	179.8	173.3	164.8	154.0	140.8	125.7	108.9	90.2
-32.5°	194.1	189.2	183.5	177.2	170.3	161.7	150.5	137.1	121.8	105.0	86.8
-35°	191.3	186.3	180.7	174.3	166.7	157.5	146.4	133.0	117.7	100.8	83.2
-37.5°	188.2	183.1	177.3	170.8	163.0	153.0	141.5	128.3	113.4	96.3	79.4
-40°	184.6	179.3	173.5	166.5	158.2	148.3	136.4	123.0	108.2	91.5	75.4
-42.5°	180.6	174.9	168.8	162.0	152.8	142.6	131.0	117.5	102.4	86.5	71.1
-45°	175.6	170.0	163.7	156.0	147.1	136.6	124.7	111.6	96.5	81.4	66.8
-47.5°	170.1	164.4	157.7	149.8	140.5	130.2	118.0	104.7	90.3	76.1	62.4
-50°	164.0	158.1	151.0	142.7	133.7	122.7	110.9	97.6	84.1	70.6	57.8
-52.5°	157.3	151.0	143.5	135.2	125.5	114.9	102.9	90.3	77.7	65.2	53.1
-55°	149.9	142.7	135.2	126.5	117.0	106.3	94.8	83.0	71.1	59.6	48.2
-57.5°	140.8	133.7	125.8	117.2	107.5	97.2	86.4	75.5	64.6	53.9	44.0
-60°	130.9	123.5	115.9	106.9	97.5	87.9	77.9	67.8	58.0	48.2	39.6
-62.5°	120.0	112.8	104.4	95.9	87.3	78.5	69.3	60.3	51.2	42.9	35.1
-65°	107.7	100.1	92.4	85.0	77.2	69.0	60.9	52.7	44.9	37.5	30.7
-67.5°	94.2	87.5	80.9	74.1	66.9	59.6	52.3	45.3	38.5	31.9	26.9
-70°	80.4	74.8	69.0	62.8	56.3	50.0	44.0	37.9	32.0	27.6	23.1
-72.5°	66.7	61.8	56.6	51.2	46.1	40.9	35.6	30.8	27.1	23.3	19.2
-75°	53.1	48.9	44.8	40.6	36.2	31.9	28.6	25.6	22.3	18.9	15.9
-77.5°	39.6	36.3	33.2	30.4	27.6	25.0	22.6	20.3	17.6	15.2	12.7
-80°	27.2	25.4	23.5	21.5	19.7	18.0	16.8	15.4	13.4	11.4	9.5
-82.5°	16.6	15.7	15.0	14.3	13.5	12.7	11.7	10.5	9.1	7.7	6.7
-85°	10.5	10.0	9.4	8.8	8.1	7.4	6.8	6.2	5.7	5.1	4.4
-87.5°	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-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°	1.9	1.7	1.4	1.1	0.7	0.4	0.0
85°	3.8	3.3	2.8	2.1	1.5	0.7	0.0
82.5°	5.7	5.0	4.1	3.2	2.2	1.1	0.0
80°	7.7	6.6	5.5	4.3	2.9	1.5	0.0
77.5°	10.5	8.5	6.9	5.3	3.7	1.8	0.0
75°	13.1	10.7	8.3	6.4	4.4	2.2	0.0
72.5°	15.8	13.0	10.1	7.4	5.1	2.6	0.0
70°	18.5	15.2	11.9	8.5	5.8	2.9	0.0
67.5°	21.9	17.3	13.6	9.8	6.5	3.3	0.0
65°	25.1	19.7	15.3	11.1	7.2	3.6	0.0
62.5°	28.3	22.4	17.0	12.4	7.8	3.9	0.0
60°	31.4	24.9	18.6	13.6	8.5	4.2	0.0
57.5°	35.1	27.4	20.6	14.8	9.3	4.6	0.0
55°	38.8	29.8	22.5	16.0	10.0	4.9	0.0
52.5°	42.4	32.3	24.3	17.1	10.8	5.2	0.0
50°	45.8	35.2	26.1	18.2	11.5	5.5	0.0
47.5°	49.3	37.9	27.8	19.3	12.2	5.7	0.0
45°	53.0	40.6	29.5	20.6	12.9	6.0	0.0
42.5°	56.6	43.2	31.1	21.7	13.5	6.3	0.0
40°	59.9	45.6	32.8	22.8	14.1	6.5	0.0
37.5°	63.1	47.9	34.6	23.9	14.7	6.7	0.0
35°	66.2	50.3	36.4	24.8	15.3	7.0	0.0
32.5°	69.0	52.7	38.0	25.7	15.8	7.2	0.0
30°	71.9	54.9	39.6	26.5	16.3	7.4	0.0
27.5°	74.5	56.9	41.0	27.3	16.7	7.5	0.0
25°	77.0	58.7	42.2	27.9	17.1	7.7	0.0
22.5°	79.2	60.4	43.4	28.5	17.5	7.9	0.0
20°	81.1	62.0	44.5	29.1	17.8	8.0	0.0
17.5°	82.9	63.3	45.5	29.5	18.1	8.1	0.0
15°	84.5	64.5	46.3	29.9	18.4	8.2	0.0
12.5°	85.8	65.5	47.0	30.2	18.6	8.3	0.0
10°	86.9	66.3	47.6	30.4	18.8	8.4	0.0
7.5°	87.8	67.0	48.1	30.6	18.9	8.4	0.0
5°	88.4	67.4	48.4	30.7	19.0	8.5	0.0
2.5°	88.8	67.7	48.6	30.7	19.1	8.5	0.0
0°	88.9	67.8	48.7	30.7	19.1	8.5	0.0
-2.5°	88.8	67.7	48.6	30.7	19.1	8.5	0.0
-5°	88.4	67.4	48.4	30.7	19.0	8.5	0.0
-7.5°	87.8	67.0	48.1	30.6	18.9	8.4	0.0
-10°	86.9	66.3	47.6	30.4	18.8	8.4	0.0
-12.5°	85.8	65.5	47.0	30.2	18.6	8.3	0.0
-15°	84.5	64.5	46.3	29.9	18.4	8.2	0.0
-17.5°	82.9	63.3	45.5	29.5	18.1	8.1	0.0
-20°	81.1	62.0	44.5	29.1	17.8	8.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	79.2	60.4	43.4	28.5	17.5	7.9	0.0
-25°	77.0	58.7	42.2	27.9	17.1	7.7	0.0
-27.5°	74.5	56.9	41.0	27.3	16.7	7.5	0.0
-30°	71.9	54.9	39.6	26.5	16.3	7.4	0.0
-32.5°	69.0	52.7	38.0	25.7	15.8	7.2	0.0
-35°	66.2	50.3	36.4	24.8	15.3	7.0	0.0
-37.5°	63.1	47.9	34.6	23.9	14.7	6.7	0.0
-40°	59.9	45.6	32.8	22.8	14.1	6.5	0.0
-42.5°	56.6	43.2	31.1	21.7	13.5	6.3	0.0
-45°	53.0	40.6	29.5	20.6	12.9	6.0	0.0
-47.5°	49.3	37.9	27.8	19.3	12.2	5.7	0.0
-50°	45.8	35.2	26.1	18.2	11.5	5.5	0.0
-52.5°	42.4	32.3	24.3	17.1	10.8	5.2	0.0
-55°	38.8	29.8	22.5	16.0	10.0	4.9	0.0
-57.5°	35.1	27.4	20.6	14.8	9.3	4.6	0.0
-60°	31.4	24.9	18.6	13.6	8.5	4.2	0.0
-62.5°	28.3	22.4	17.0	12.4	7.8	3.9	0.0
-65°	25.1	19.7	15.3	11.1	7.2	3.6	0.0
-67.5°	21.9	17.3	13.6	9.8	6.5	3.3	0.0
-70°	18.5	15.2	11.9	8.5	5.8	2.9	0.0
-72.5°	15.8	13.0	10.1	7.4	5.1	2.6	0.0
-75°	13.1	10.7	8.3	6.4	4.4	2.2	0.0
-77.5°	10.5	8.5	6.9	5.3	3.7	1.8	0.0
-80°	7.7	6.6	5.5	4.3	2.9	1.5	0.0
-82.5°	5.7	5.0	4.1	3.2	2.2	1.1	0.0
-85°	3.8	3.3	2.8	2.1	1.5	0.7	0.0
-87.5°	1.9	1.7	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)