

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: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-940-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1E-940-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

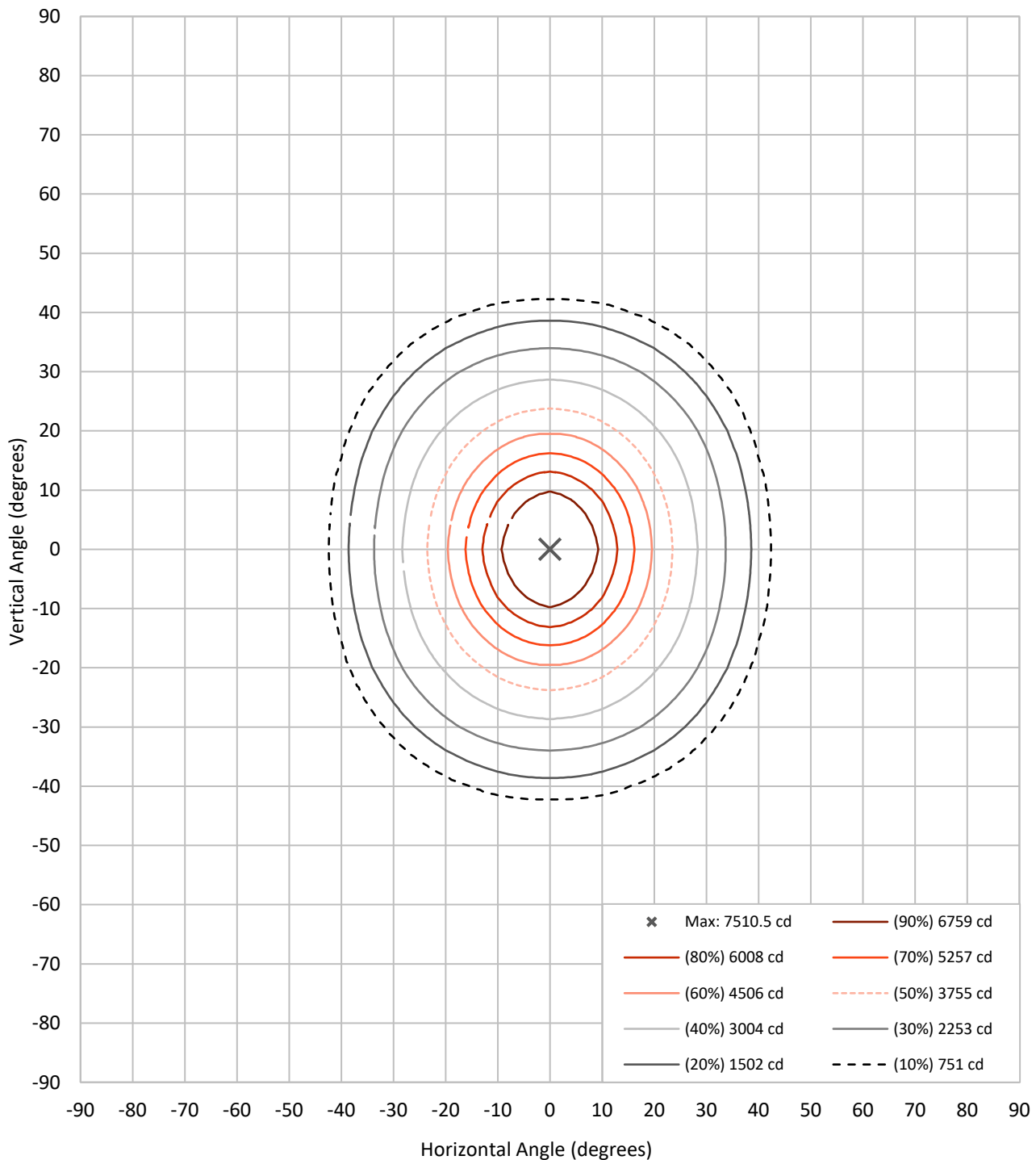
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5846.5 lumens	Max Intensity:	7510.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2758.8 lumens	Field Lumens:	5308.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 64  
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





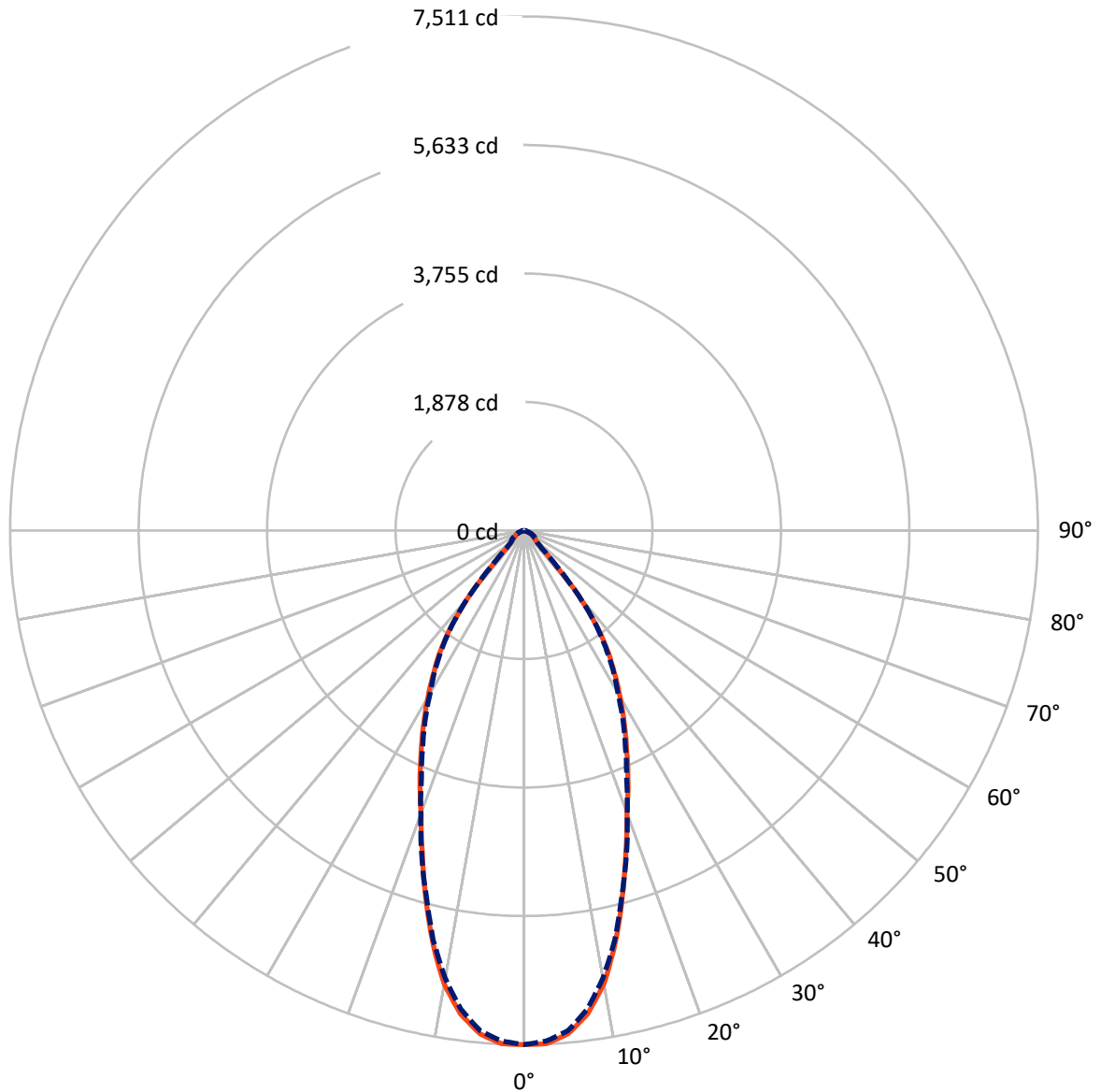
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### Lumen Table

90																			
80	0.1	0.7		1.6		2.6		2.1		2.6		1.6		0.7		0.1			
70																			
60	0.4	0.5	0.9	1.3	1.9	2.3	2.7	2.9	2.9	2.7	2.3	1.9	1.3	0.9	0.5	0.4			
50		0.7	1.4	2.3	3.4	4.2	4.8	5.3	5.3	4.8	4.2	3.4	2.3	1.4	0.7				
40	0.6	0.9	2.0	3.3	4.8	6.6	10.4	14.5	14.5	10.4	6.6	4.8	3.3	2.0	0.9	0.6			
30		1.1	2.4	4.1	7.7	24.6	48.0	61.1	61.1	48.0	24.6	7.7	4.1	2.4	1.1				
20	0.7	1.3	2.9	5.1	22.5	58.9	86.9	105.2	105.2	86.9	58.9	22.5	5.1	2.9	1.3	0.7			
10		1.5	3.2	7.9	41.0	81.2	123.4	160.7	160.7	123.4	81.2	41.0	7.9	3.2	1.5				
0	0.7	1.6	3.4	10.9	49.9	94.8	155.3	210.0	210.0	155.3	94.8	49.9	10.9	3.4	1.6	0.7			
-10		1.6	3.4	10.9	49.9	94.8	155.3	210.0	210.0	155.3	94.8	49.9	10.9	3.4	1.6				
-20	0.7	1.5	3.2	7.9	41.0	81.2	123.4	160.7	160.7	123.4	81.2	41.0	7.9	3.2	1.5	0.7			
-30		1.3	2.9	5.1	22.5	58.9	86.9	105.2	105.2	86.9	58.9	22.5	5.1	2.9	1.3				
-40	0.6	1.1	2.4	4.1	7.7	24.6	48.0	61.1	61.1	48.0	24.6	7.7	4.1	2.4	1.1	0.6			
-50		0.9	2.0	3.3	4.8	6.6	10.4	14.5	14.5	10.4	6.6	4.8	3.3	2.0	0.9				
-60	0.4	0.7	1.4	2.3	3.4	4.2	4.8	5.3	5.3	4.8	4.2	3.4	2.3	1.4	0.7	0.4			
-70		0.5	0.9	1.3	1.9	2.3	2.7	2.9	2.9	2.7	2.3	1.9	1.3	0.9	0.5				
-80																			
-90	0.1	0.7		1.6		2.6		2.1		2.6		1.6		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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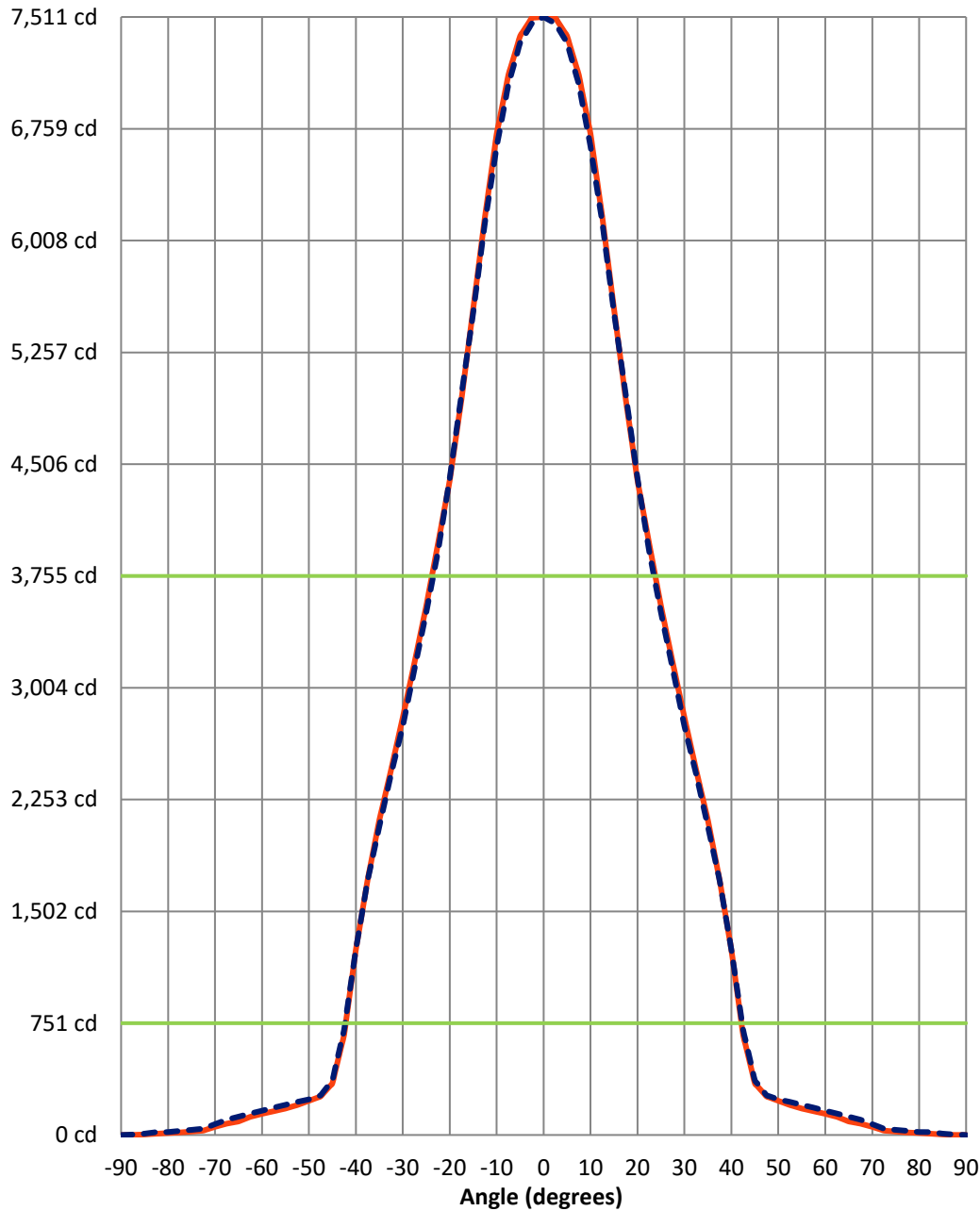
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 47°  
 V Angle: 47.6°  
 Lumens: 2758.8  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 5308.6  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 537.9  
 Efficiency: 9.2%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.4
85°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.9
82.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.9	4.6	5.2
80°	0.0	0.5	1.0	1.6	2.3	3.1	4.2	5.6	6.6	7.5	8.1
77.5°	0.0	0.6	1.2	2.0	2.9	4.2	6.6	8.2	9.5	10.4	11.2
75°	0.0	0.7	1.4	2.4	3.6	6.1	8.9	10.9	12.3	13.9	15.1
72.5°	0.0	0.8	1.7	2.7	4.9	7.9	11.2	13.8	16.0	17.7	19.1
70°	0.0	1.0	1.9	3.2	6.2	9.6	13.5	17.1	19.6	21.6	24.7
67.5°	0.0	1.1	2.1	4.1	7.5	11.3	16.2	20.5	23.3	26.5	30.6
65°	0.0	1.2	2.4	4.9	8.7	13.1	18.8	23.9	27.1	31.1	36.0
62.5°	0.0	1.3	2.6	5.8	9.9	15.0	21.2	26.9	30.7	35.6	41.1
60°	0.0	1.4	2.8	6.6	11.0	16.9	23.6	29.7	34.2	40.2	46.1
57.5°	0.0	1.5	3.3	7.3	12.3	18.6	25.2	32.2	38.0	44.7	50.5
55°	0.0	1.6	3.8	8.0	13.5	20.2	26.5	34.0	42.0	48.9	54.5
52.5°	0.0	1.7	4.2	8.7	14.6	21.6	27.7	36.4	45.8	52.5	58.5
50°	0.0	1.8	4.7	9.4	15.7	22.3	28.6	38.6	49.3	56.0	62.9
47.5°	0.0	1.9	5.1	10.0	16.7	22.8	29.5	40.6	52.4	59.4	67.1
45°	0.0	2.0	5.5	10.7	17.6	23.2	30.9	42.3	53.9	63.1	71.2
42.5°	0.0	2.1	5.9	11.3	18.4	23.5	32.1	43.5	55.2	66.6	75.4
40°	0.0	2.1	6.3	11.9	18.8	23.6	33.1	44.3	56.2	69.7	79.5
37.5°	0.0	2.2	6.6	12.6	18.9	23.6	33.8	44.9	57.4	71.3	83.4
35°	0.0	2.3	7.0	13.3	18.9	23.9	34.4	45.2	58.3	73.5	87.1
32.5°	0.0	2.4	7.3	13.9	18.7	24.3	34.6	45.3	59.1	76.3	90.5
30°	0.0	2.4	7.6	14.5	18.6	24.5	34.6	45.3	59.7	79.5	93.9
27.5°	0.0	2.5	7.8	15.1	18.8	24.6	34.4	45.6	60.9	83.1	97.2
25°	0.0	2.5	8.0	15.6	19.0	24.5	34.1	45.7	63.3	86.2	100.4
22.5°	0.0	2.6	8.2	16.2	19.1	24.6	33.5	45.7	65.9	88.7	104.4
20°	0.0	2.6	8.4	16.7	19.3	25.2	32.8	45.4	68.4	91.0	108.0
17.5°	0.0	2.7	8.6	17.2	19.4	25.7	32.9	45.0	71.0	93.1	111.2
15°	0.0	2.7	8.7	17.6	19.5	26.2	33.4	44.9	73.5	95.1	114.0
12.5°	0.0	2.7	8.8	18.0	19.6	26.6	33.8	45.0	75.2	96.9	116.4
10°	0.0	2.8	8.9	18.3	19.6	27.0	34.1	44.9	75.9	98.3	118.5
7.5°	0.0	2.8	9.0	18.6	19.7	27.3	34.3	44.6	75.9	99.7	120.2
5°	0.0	2.8	9.0	18.9	19.7	27.4	34.4	44.0	75.4	101.0	121.6
2.5°	0.0	2.8	9.0	19.1	19.7	27.6	34.4	43.2	74.3	102.0	122.4
0°	0.0	2.8	9.0	19.2	19.7	27.6	34.4	42.3	72.7	102.6	122.9
-2.5°	0.0	2.8	9.0	19.1	19.7	27.6	34.4	43.2	74.3	102.0	122.4
-5°	0.0	2.8	9.0	18.9	19.7	27.4	34.4	44.0	75.4	101.0	121.6
-7.5°	0.0	2.8	9.0	18.6	19.7	27.3	34.3	44.6	75.9	99.7	120.2
-10°	0.0	2.8	8.9	18.3	19.6	27.0	34.1	44.9	75.9	98.3	118.5
-12.5°	0.0	2.7	8.8	18.0	19.6	26.6	33.8	45.0	75.2	96.9	116.4
-15°	0.0	2.7	8.7	17.6	19.5	26.2	33.4	44.9	73.5	95.1	114.0
-17.5°	0.0	2.7	8.6	17.2	19.4	25.7	32.9	45.0	71.0	93.1	111.2
-20°	0.0	2.6	8.4	16.7	19.3	25.2	32.8	45.4	68.4	91.0	108.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	8.2	16.2	19.1	24.6	33.5	45.7	65.9	88.7	104.4
-25°	0.0	2.5	8.0	15.6	19.0	24.5	34.1	45.7	63.3	86.2	100.4
-27.5°	0.0	2.5	7.8	15.1	18.8	24.6	34.4	45.6	60.9	83.1	97.2
-30°	0.0	2.4	7.6	14.5	18.6	24.5	34.6	45.3	59.7	79.5	93.9
-32.5°	0.0	2.4	7.3	13.9	18.7	24.3	34.6	45.3	59.1	76.3	90.5
-35°	0.0	2.3	7.0	13.3	18.9	23.9	34.4	45.2	58.3	73.5	87.1
-37.5°	0.0	2.2	6.6	12.6	18.9	23.6	33.8	44.9	57.4	71.3	83.4
-40°	0.0	2.1	6.3	11.9	18.8	23.6	33.1	44.3	56.2	69.7	79.5
-42.5°	0.0	2.1	5.9	11.3	18.4	23.5	32.1	43.5	55.2	66.6	75.4
-45°	0.0	2.0	5.5	10.7	17.6	23.2	30.9	42.3	53.9	63.1	71.2
-47.5°	0.0	1.9	5.1	10.0	16.7	22.8	29.5	40.6	52.4	59.4	67.1
-50°	0.0	1.8	4.7	9.4	15.7	22.3	28.6	38.6	49.3	56.0	62.9
-52.5°	0.0	1.7	4.2	8.7	14.6	21.6	27.7	36.4	45.8	52.5	58.5
-55°	0.0	1.6	3.8	8.0	13.5	20.2	26.5	34.0	42.0	48.9	54.5
-57.5°	0.0	1.5	3.3	7.3	12.3	18.6	25.2	32.2	38.0	44.7	50.5
-60°	0.0	1.4	2.8	6.6	11.0	16.9	23.6	29.7	34.2	40.2	46.1
-62.5°	0.0	1.3	2.6	5.8	9.9	15.0	21.2	26.9	30.7	35.6	41.1
-65°	0.0	1.2	2.4	4.9	8.7	13.1	18.8	23.9	27.1	31.1	36.0
-67.5°	0.0	1.1	2.1	4.1	7.5	11.3	16.2	20.5	23.3	26.5	30.6
-70°	0.0	1.0	1.9	3.2	6.2	9.6	13.5	17.1	19.6	21.6	24.7
-72.5°	0.0	0.8	1.7	2.7	4.9	7.9	11.2	13.8	16.0	17.7	19.1
-75°	0.0	0.7	1.4	2.4	3.6	6.1	8.9	10.9	12.3	13.9	15.1
-77.5°	0.0	0.6	1.2	2.0	2.9	4.2	6.6	8.2	9.5	10.4	11.2
-80°	0.0	0.5	1.0	1.6	2.3	3.1	4.2	5.6	6.6	7.5	8.1
-82.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.4	3.9	4.6	5.2
-85°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.9
-87.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.2	1.3	1.4
-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°	1.4	1.4	1.4	1.3	1.2	1.1	0.9	0.8	0.8	0.8	0.9
85°	2.9	2.9	3.1	3.3	3.3	3.3	3.2	3.0	3.4	3.9	4.5
82.5°	5.7	6.2	6.7	7.1	7.1	7.0	6.7	6.4	7.4	8.6	10.0
80°	8.8	9.5	10.7	11.8	12.1	12.0	11.6	11.0	12.4	14.4	16.7
77.5°	12.6	14.1	15.7	17.2	17.6	17.3	16.6	15.4	17.1	20.4	24.0
75°	16.8	18.7	21.2	23.1	23.5	22.8	21.7	20.7	22.8	26.8	30.7
72.5°	21.9	25.1	27.5	29.2	29.3	28.7	28.1	27.6	30.0	34.7	38.7
70°	28.4	31.6	33.5	34.5	34.8	35.1	36.8	38.3	40.6	44.7	47.9
67.5°	34.9	37.5	39.2	40.4	42.8	45.1	47.3	49.6	52.2	55.7	58.2
65°	40.7	43.3	45.5	48.4	52.0	54.8	57.7	61.0	64.6	67.8	70.2
62.5°	46.4	49.2	52.3	56.2	60.3	64.0	68.4	72.8	77.1	80.8	84.9
60°	51.1	54.8	59.0	63.6	68.6	74.3	79.5	84.7	89.4	94.1	99.7
57.5°	55.6	60.6	65.7	71.3	77.8	84.7	90.9	96.5	102.5	109.1	114.7
55°	60.3	66.5	72.4	79.2	86.9	95.3	102.1	108.4	115.7	123.7	130.0
52.5°	65.3	72.2	79.2	87.3	96.7	105.0	112.0	119.9	128.8	137.5	144.7
50°	70.2	77.9	86.0	96.3	105.5	113.5	122.2	131.8	141.0	149.9	158.5
47.5°	75.2	83.4	94.1	104.6	113.3	122.6	132.8	142.6	152.3	161.7	170.6
45°	80.0	89.8	101.7	111.7	121.3	132.0	142.5	152.8	163.0	173.0	182.8
42.5°	84.7	96.1	108.0	118.5	129.5	140.7	151.7	162.7	173.5	184.1	194.6
40°	89.8	101.8	114.4	125.8	137.3	149.0	160.6	172.1	183.5	194.8	205.8
37.5°	94.5	107.7	120.8	132.7	144.6	156.8	169.0	181.2	193.2	204.9	217.5
35°	98.7	113.7	126.9	139.4	151.9	164.3	177.2	190.0	202.6	215.3	231.4
32.5°	103.5	119.7	132.7	145.9	158.8	171.6	184.9	198.5	211.9	226.8	250.0
30°	108.8	124.8	138.1	152.0	165.3	178.7	192.5	206.7	220.8	243.9	297.4
27.5°	114.0	129.4	143.5	157.7	171.3	185.2	199.7	214.4	234.1	269.7	356.4
25°	118.8	133.8	148.5	162.8	176.9	191.3	206.3	221.6	248.3	320.2	511.9
22.5°	122.9	138.1	153.3	167.5	182.0	196.9	212.5	232.7	274.1	371.2	684.9
20°	126.3	142.2	157.8	172.5	186.7	201.8	218.0	243.3	313.2	516.8	892.2
17.5°	129.5	145.9	161.8	177.3	192.2	207.0	223.6	252.5	348.3	643.3	1100.6
15°	132.5	149.2	165.6	181.7	197.2	212.6	232.4	278.5	419.5	768.9	1286.3
12.5°	135.1	152.1	169.1	185.9	201.6	217.6	240.4	304.4	506.7	916.3	1413.0
10°	137.5	154.6	172.1	189.6	205.6	222.0	247.0	325.6	578.4	1037.5	1514.8
7.5°	139.6	157.0	175.0	193.0	209.0	225.7	252.5	342.1	633.7	1128.8	1596.1
5°	141.4	159.4	178.4	196.6	213.3	229.8	257.2	354.0	672.6	1190.4	1655.2
2.5°	142.8	161.4	181.4	199.8	218.0	234.8	262.5	362.9	697.7	1229.6	1693.1
0°	143.8	163.0	183.8	202.4	222.2	239.1	266.7	367.1	707.1	1243.9	1707.3
-2.5°	142.8	161.4	181.4	199.8	218.0	234.8	262.5	362.9	697.7	1229.6	1693.1
-5°	141.4	159.4	178.4	196.6	213.3	229.8	257.2	354.0	672.6	1190.4	1655.2
-7.5°	139.6	157.0	175.0	193.0	209.0	225.7	252.5	342.1	633.7	1128.8	1596.1
-10°	137.5	154.6	172.1	189.6	205.6	222.0	247.0	325.6	578.4	1037.5	1514.8
-12.5°	135.1	152.1	169.1	185.9	201.6	217.6	240.4	304.4	506.7	916.3	1413.0
-15°	132.5	149.2	165.6	181.7	197.2	212.6	232.4	278.5	419.5	768.9	1286.3
-17.5°	129.5	145.9	161.8	177.3	192.2	207.0	223.6	252.5	348.3	643.3	1100.6
-20°	126.3	142.2	157.8	172.5	186.7	201.8	218.0	243.3	313.2	516.8	892.2



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	122.9	138.1	153.3	167.5	182.0	196.9	212.5	232.7	274.1	371.2	684.9
-25°	118.8	133.8	148.5	162.8	176.9	191.3	206.3	221.6	248.3	320.2	511.9
-27.5°	114.0	129.4	143.5	157.7	171.3	185.2	199.7	214.4	234.1	269.7	356.4
-30°	108.8	124.8	138.1	152.0	165.3	178.7	192.5	206.7	220.8	243.9	297.4
-32.5°	103.5	119.7	132.7	145.9	158.8	171.6	184.9	198.5	211.9	226.8	250.0
-35°	98.7	113.7	126.9	139.4	151.9	164.3	177.2	190.0	202.6	215.3	231.4
-37.5°	94.5	107.7	120.8	132.7	144.6	156.8	169.0	181.2	193.2	204.9	217.5
-40°	89.8	101.8	114.4	125.8	137.3	149.0	160.6	172.1	183.5	194.8	205.8
-42.5°	84.7	96.1	108.0	118.5	129.5	140.7	151.7	162.7	173.5	184.1	194.6
-45°	80.0	89.8	101.7	111.7	121.3	132.0	142.5	152.8	163.0	173.0	182.8
-47.5°	75.2	83.4	94.1	104.6	113.3	122.6	132.8	142.6	152.3	161.7	170.6
-50°	70.2	77.9	86.0	96.3	105.5	113.5	122.2	131.8	141.0	149.9	158.5
-52.5°	65.3	72.2	79.2	87.3	96.7	105.0	112.0	119.9	128.8	137.5	144.7
-55°	60.3	66.5	72.4	79.2	86.9	95.3	102.1	108.4	115.7	123.7	130.0
-57.5°	55.6	60.6	65.7	71.3	77.8	84.7	90.9	96.5	102.5	109.1	114.7
-60°	51.1	54.8	59.0	63.6	68.6	74.3	79.5	84.7	89.4	94.1	99.7
-62.5°	46.4	49.2	52.3	56.2	60.3	64.0	68.4	72.8	77.1	80.8	84.9
-65°	40.7	43.3	45.5	48.4	52.0	54.8	57.7	61.0	64.6	67.8	70.2
-67.5°	34.9	37.5	39.2	40.4	42.8	45.1	47.3	49.6	52.2	55.7	58.2
-70°	28.4	31.6	33.5	34.5	34.8	35.1	36.8	38.3	40.6	44.7	47.9
-72.5°	21.9	25.1	27.5	29.2	29.3	28.7	28.1	27.6	30.0	34.7	38.7
-75°	16.8	18.7	21.2	23.1	23.5	22.8	21.7	20.7	22.8	26.8	30.7
-77.5°	12.6	14.1	15.7	17.2	17.6	17.3	16.6	15.4	17.1	20.4	24.0
-80°	8.8	9.5	10.7	11.8	12.1	12.0	11.6	11.0	12.4	14.4	16.7
-82.5°	5.7	6.2	6.7	7.1	7.1	7.0	6.7	6.4	7.4	8.6	10.0
-85°	2.9	2.9	3.1	3.3	3.3	3.3	3.2	3.0	3.4	3.9	4.5
-87.5°	1.4	1.4	1.4	1.3	1.2	1.1	0.9	0.8	0.8	0.8	0.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	0.8
85°	5.0	4.9	4.6	4.3	3.9	4.1	4.3	4.6	4.8	4.5	4.2
82.5°	11.4	11.5	11.5	11.5	11.4	11.9	12.4	12.8	13.2	12.2	11.0
80°	19.2	20.1	20.6	21.1	21.5	21.5	21.2	20.7	20.1	18.3	16.4
77.5°	27.7	29.1	29.8	30.6	31.3	31.6	31.7	31.9	32.1	29.2	25.4
75°	34.4	36.5	37.7	38.9	39.9	40.6	40.9	41.1	41.2	37.6	33.0
72.5°	41.9	44.0	45.5	46.9	48.2	49.1	49.6	50.0	50.2	47.1	42.7
70°	50.2	51.9	53.7	55.4	57.0	58.1	58.9	59.5	59.9	59.6	59.4
67.5°	60.1	61.5	63.7	65.4	67.1	68.3	69.5	70.5	71.3	72.1	73.1
65°	72.4	75.9	79.1	80.7	80.9	82.6	85.5	87.3	88.3	89.0	90.0
62.5°	89.6	93.8	96.1	98.7	102.2	105.4	106.7	108.4	110.4	112.8	115.5
60°	104.3	107.8	111.4	115.1	118.3	121.0	123.9	126.8	129.4	131.8	134.2
57.5°	119.3	123.2	126.9	131.2	134.3	136.1	138.9	142.4	145.0	147.1	150.2
55°	134.9	139.9	144.9	148.8	151.7	153.6	155.8	159.1	161.0	161.8	165.5
52.5°	150.6	156.5	162.6	167.2	170.3	173.1	175.7	178.7	180.7	181.7	185.3
50°	165.1	172.1	179.0	185.0	189.1	193.8	199.1	201.8	203.5	205.4	209.4
47.5°	179.0	186.8	194.1	200.9	206.8	212.1	216.7	221.2	227.7	232.9	238.0
45°	192.3	200.6	208.5	216.2	222.7	233.1	243.0	251.4	273.9	292.8	307.2
42.5°	204.8	214.8	223.8	236.5	250.3	274.3	311.3	345.7	412.0	497.5	568.8
40°	217.8	230.8	246.9	271.6	318.5	366.6	510.5	638.7	764.8	908.3	1031.2
37.5°	233.0	252.7	299.8	355.7	505.8	671.8	875.8	1075.9	1250.3	1399.4	1523.9
35°	253.2	313.8	401.8	605.5	827.3	1099.5	1334.6	1522.8	1695.0	1833.2	1937.2
32.5°	312.6	423.4	656.0	936.2	1241.2	1504.2	1733.2	1913.4	2070.5	2194.3	2290.8
30°	399.6	654.3	970.1	1305.7	1609.5	1860.7	2072.1	2244.0	2384.2	2510.2	2616.0
27.5°	606.3	934.0	1305.2	1647.5	1923.9	2159.0	2348.7	2518.9	2673.5	2806.2	2931.3
25°	832.5	1238.2	1612.6	1924.1	2182.1	2402.6	2602.8	2788.9	2962.0	3117.3	3262.8
22.5°	1104.2	1508.7	1866.6	2155.0	2404.8	2631.5	2844.0	3051.2	3252.6	3442.2	3618.2
20°	1350.1	1747.2	2059.3	2347.2	2606.8	2843.0	3077.2	3318.7	3551.2	3779.5	3991.5
17.5°	1541.8	1911.2	2224.5	2516.3	2780.6	3048.0	3316.1	3593.5	3873.9	4139.1	4392.6
15°	1701.8	2048.0	2365.5	2657.3	2947.9	3242.9	3542.4	3869.2	4202.8	4520.1	4843.3
12.5°	1815.3	2162.1	2484.0	2776.8	3102.6	3422.9	3771.5	4143.9	4529.1	4898.8	5295.8
10°	1906.5	2253.2	2572.3	2888.1	3232.9	3588.0	3979.1	4389.2	4848.9	5286.6	5714.4
7.5°	1984.7	2329.1	2643.3	2978.8	3341.3	3731.6	4156.9	4620.6	5118.1	5605.1	6114.3
5°	2042.0	2380.9	2698.5	3053.2	3424.6	3836.5	4294.1	4789.6	5323.1	5856.7	6360.3
2.5°	2072.3	2410.4	2732.8	3099.3	3473.5	3900.0	4376.6	4901.8	5465.3	6047.7	6544.1
0°	2071.6	2422.9	2745.9	3130.5	3509.4	3919.3	4412.1	4973.7	5523.5	6128.5	6638.2
-2.5°	2072.3	2410.4	2732.8	3099.3	3473.5	3900.0	4376.6	4901.8	5465.3	6047.7	6544.1
-5°	2042.0	2380.9	2698.5	3053.2	3424.6	3836.5	4294.1	4789.6	5323.1	5856.7	6360.3
-7.5°	1984.7	2329.1	2643.3	2978.8	3341.3	3731.6	4156.9	4620.6	5118.1	5605.1	6114.3
-10°	1906.5	2253.2	2572.3	2888.1	3232.9	3588.0	3979.1	4389.2	4848.9	5286.6	5714.4
-12.5°	1815.3	2162.1	2484.0	2776.8	3102.6	3422.9	3771.5	4143.9	4529.1	4898.8	5295.8
-15°	1701.8	2048.0	2365.5	2657.3	2947.9	3242.9	3542.4	3869.2	4202.8	4520.1	4843.3
-17.5°	1541.8	1911.2	2224.5	2516.3	2780.6	3048.0	3316.1	3593.5	3873.9	4139.1	4392.6
-20°	1350.1	1747.2	2059.3	2347.2	2606.8	2843.0	3077.2	3318.7	3551.2	3779.5	3991.5



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1104.2	1508.7	1866.6	2155.0	2404.8	2631.5	2844.0	3051.2	3252.6	3442.2	3618.2
-25°	832.5	1238.2	1612.6	1924.1	2182.1	2402.6	2602.8	2788.9	2962.0	3117.3	3262.8
-27.5°	606.3	934.0	1305.2	1647.5	1923.9	2159.0	2348.7	2518.9	2673.5	2806.2	2931.3
-30°	399.6	654.3	970.1	1305.7	1609.5	1860.7	2072.1	2244.0	2384.2	2510.2	2616.0
-32.5°	312.6	423.4	656.0	936.2	1241.2	1504.2	1733.2	1913.4	2070.5	2194.3	2290.8
-35°	253.2	313.8	401.8	605.5	827.3	1099.5	1334.6	1522.8	1695.0	1833.2	1937.2
-37.5°	233.0	252.7	299.8	355.7	505.8	671.8	875.8	1075.9	1250.3	1399.4	1523.9
-40°	217.8	230.8	246.9	271.6	318.5	366.6	510.5	638.7	764.8	908.3	1031.2
-42.5°	204.8	214.8	223.8	236.5	250.3	274.3	311.3	345.7	412.0	497.5	568.8
-45°	192.3	200.6	208.5	216.2	222.7	233.1	243.0	251.4	273.9	292.8	307.2
-47.5°	179.0	186.8	194.1	200.9	206.8	212.1	216.7	221.2	227.7	232.9	238.0
-50°	165.1	172.1	179.0	185.0	189.1	193.8	199.1	201.8	203.5	205.4	209.4
-52.5°	150.6	156.5	162.6	167.2	170.3	173.1	175.7	178.7	180.7	181.7	185.3
-55°	134.9	139.9	144.9	148.8	151.7	153.6	155.8	159.1	161.0	161.8	165.5
-57.5°	119.3	123.2	126.9	131.2	134.3	136.1	138.9	142.4	145.0	147.1	150.2
-60°	104.3	107.8	111.4	115.1	118.3	121.0	123.9	126.8	129.4	131.8	134.2
-62.5°	89.6	93.8	96.1	98.7	102.2	105.4	106.7	108.4	110.4	112.8	115.5
-65°	72.4	75.9	79.1	80.7	80.9	82.6	85.5	87.3	88.3	89.0	90.0
-67.5°	60.1	61.5	63.7	65.4	67.1	68.3	69.5	70.5	71.3	72.1	73.1
-70°	50.2	51.9	53.7	55.4	57.0	58.1	58.9	59.5	59.9	59.6	59.4
-72.5°	41.9	44.0	45.5	46.9	48.2	49.1	49.6	50.0	50.2	47.1	42.7
-75°	34.4	36.5	37.7	38.9	39.9	40.6	40.9	41.1	41.2	37.6	33.0
-77.5°	27.7	29.1	29.8	30.6	31.3	31.6	31.7	31.9	32.1	29.2	25.4
-80°	19.2	20.1	20.6	21.1	21.5	21.5	21.2	20.7	20.1	18.3	16.4
-82.5°	11.4	11.5	11.5	11.5	11.4	11.9	12.4	12.8	13.2	12.2	11.0
-85°	5.0	4.9	4.6	4.3	3.9	4.1	4.3	4.6	4.8	4.5	4.2
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-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°	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.1	1.0
85°	3.8	3.4	3.4	3.4	3.4	3.4	3.8	4.2	4.5	4.8	4.6
82.5°	9.8	8.5	8.5	8.5	8.5	8.5	9.8	11.0	12.2	13.2	12.8
80°	14.5	12.4	12.7	13.0	12.7	12.4	14.5	16.4	18.3	20.1	20.7
77.5°	21.3	17.0	16.9	16.9	16.9	17.0	21.3	25.4	29.2	32.1	31.9
75°	28.2	23.3	23.1	23.1	23.1	23.3	28.2	33.0	37.6	41.2	41.1
72.5°	38.1	33.5	31.3	29.3	31.3	33.5	38.1	42.7	47.1	50.2	50.0
70°	59.4	59.5	57.5	54.7	57.5	59.5	59.4	59.4	59.6	59.9	59.5
67.5°	73.9	74.5	75.3	76.1	75.3	74.5	73.9	73.1	72.1	71.3	70.5
65°	90.4	90.3	90.6	90.8	90.6	90.3	90.4	90.0	89.0	88.3	87.3
62.5°	117.9	119.8	121.1	121.8	121.1	119.8	117.9	115.5	112.8	110.4	108.4
60°	136.1	137.7	139.9	142.1	139.9	137.7	136.1	134.2	131.8	129.4	126.8
57.5°	153.2	155.8	158.0	159.6	158.0	155.8	153.2	150.2	147.1	145.0	142.4
55°	169.0	172.0	175.0	177.6	175.0	172.0	169.0	165.5	161.8	161.0	159.1
52.5°	188.7	191.2	195.4	200.7	195.4	191.2	188.7	185.3	181.7	180.7	178.7
50°	214.0	217.8	223.1	229.5	223.1	217.8	214.0	209.4	205.4	203.5	201.8
47.5°	243.2	247.0	252.1	258.8	252.1	247.0	243.2	238.0	232.9	227.7	221.2
45°	320.4	329.4	337.7	346.8	337.7	329.4	320.4	307.2	292.8	273.9	251.4
42.5°	626.0	665.6	682.7	672.7	682.7	665.6	626.0	568.8	497.5	412.0	345.7
40°	1124.9	1190.6	1229.3	1242.7	1229.3	1190.6	1124.9	1031.2	908.3	764.8	638.7
37.5°	1614.8	1675.3	1708.0	1711.8	1708.0	1675.3	1614.8	1523.9	1399.4	1250.3	1075.9
35°	2012.3	2062.1	2091.7	2113.9	2091.7	2062.1	2012.3	1937.2	1833.2	1695.0	1522.8
32.5°	2369.3	2426.1	2458.9	2451.6	2458.9	2426.1	2369.3	2290.8	2194.3	2070.5	1913.4
30°	2702.7	2764.9	2803.4	2804.6	2803.4	2764.9	2702.7	2616.0	2510.2	2384.2	2244.0
27.5°	3032.4	3102.2	3142.4	3173.9	3142.4	3102.2	3032.4	2931.3	2806.2	2673.5	2518.9
25°	3384.2	3471.1	3522.7	3553.9	3522.7	3471.1	3384.2	3262.8	3117.3	2962.0	2788.9
22.5°	3763.4	3871.1	3941.8	3971.2	3941.8	3871.1	3763.4	3618.2	3442.2	3252.6	3051.2
20°	4175.9	4309.3	4399.7	4396.9	4399.7	4309.3	4175.9	3991.5	3779.5	3551.2	3318.7
17.5°	4636.1	4808.2	4924.7	4941.6	4924.7	4808.2	4636.1	4392.6	4139.1	3873.9	3593.5
15°	5129.6	5351.4	5502.2	5548.8	5502.2	5351.4	5129.6	4843.3	4520.1	4202.8	3869.2
12.5°	5635.2	5899.1	6100.0	6166.8	6100.0	5899.1	5635.2	5295.8	4898.8	4529.1	4143.9
10°	6117.0	6409.4	6627.4	6723.9	6627.4	6409.4	6117.0	5714.4	5286.6	4848.9	4389.2
7.5°	6519.7	6816.9	7041.4	7120.8	7041.4	6816.9	6519.7	6114.3	5605.1	5118.1	4620.6
5°	6785.1	7109.7	7284.3	7382.5	7284.3	7109.7	6785.1	6360.3	5856.7	5323.1	4789.6
2.5°	6962.4	7237.6	7414.4	7504.8	7414.4	7237.6	6962.4	6544.1	6047.7	5465.3	4901.8
0°	7056.6	7336.8	7466.5	7510.5	7466.5	7336.8	7056.6	6638.2	6128.5	5523.5	4973.7
-2.5°	6962.4	7237.6	7414.4	7504.8	7414.4	7237.6	6962.4	6544.1	6047.7	5465.3	4901.8
-5°	6785.1	7109.7	7284.3	7382.5	7284.3	7109.7	6785.1	6360.3	5856.7	5323.1	4789.6
-7.5°	6519.7	6816.9	7041.4	7120.8	7041.4	6816.9	6519.7	6114.3	5605.1	5118.1	4620.6
-10°	6117.0	6409.4	6627.4	6723.9	6627.4	6409.4	6117.0	5714.4	5286.6	4848.9	4389.2
-12.5°	5635.2	5899.1	6100.0	6166.8	6100.0	5899.1	5635.2	5295.8	4898.8	4529.1	4143.9
-15°	5129.6	5351.4	5502.2	5548.8	5502.2	5351.4	5129.6	4843.3	4520.1	4202.8	3869.2
-17.5°	4636.1	4808.2	4924.7	4941.6	4924.7	4808.2	4636.1	4392.6	4139.1	3873.9	3593.5
-20°	4175.9	4309.3	4399.7	4396.9	4399.7	4309.3	4175.9	3991.5	3779.5	3551.2	3318.7



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3763.4	3871.1	3941.8	3971.2	3941.8	3871.1	3763.4	3618.2	3442.2	3252.6	3051.2
-25°	3384.2	3471.1	3522.7	3553.9	3522.7	3471.1	3384.2	3262.8	3117.3	2962.0	2788.9
-27.5°	3032.4	3102.2	3142.4	3173.9	3142.4	3102.2	3032.4	2931.3	2806.2	2673.5	2518.9
-30°	2702.7	2764.9	2803.4	2804.6	2803.4	2764.9	2702.7	2616.0	2510.2	2384.2	2244.0
-32.5°	2369.3	2426.1	2458.9	2451.6	2458.9	2426.1	2369.3	2290.8	2194.3	2070.5	1913.4
-35°	2012.3	2062.1	2091.7	2113.9	2091.7	2062.1	2012.3	1937.2	1833.2	1695.0	1522.8
-37.5°	1614.8	1675.3	1708.0	1711.8	1708.0	1675.3	1614.8	1523.9	1399.4	1250.3	1075.9
-40°	1124.9	1190.6	1229.3	1242.7	1229.3	1190.6	1124.9	1031.2	908.3	764.8	638.7
-42.5°	626.0	665.6	682.7	672.7	682.7	665.6	626.0	568.8	497.5	412.0	345.7
-45°	320.4	329.4	337.7	346.8	337.7	329.4	320.4	307.2	292.8	273.9	251.4
-47.5°	243.2	247.0	252.1	258.8	252.1	247.0	243.2	238.0	232.9	227.7	221.2
-50°	214.0	217.8	223.1	229.5	223.1	217.8	214.0	209.4	205.4	203.5	201.8
-52.5°	188.7	191.2	195.4	200.7	195.4	191.2	188.7	185.3	181.7	180.7	178.7
-55°	169.0	172.0	175.0	177.6	175.0	172.0	169.0	165.5	161.8	161.0	159.1
-57.5°	153.2	155.8	158.0	159.6	158.0	155.8	153.2	150.2	147.1	145.0	142.4
-60°	136.1	137.7	139.9	142.1	139.9	137.7	136.1	134.2	131.8	129.4	126.8
-62.5°	117.9	119.8	121.1	121.8	121.1	119.8	117.9	115.5	112.8	110.4	108.4
-65°	90.4	90.3	90.6	90.8	90.6	90.3	90.4	90.0	89.0	88.3	87.3
-67.5°	73.9	74.5	75.3	76.1	75.3	74.5	73.9	73.1	72.1	71.3	70.5
-70°	59.4	59.5	57.5	54.7	57.5	59.5	59.4	59.4	59.6	59.9	59.5
-72.5°	38.1	33.5	31.3	29.3	31.3	33.5	38.1	42.7	47.1	50.2	50.0
-75°	28.2	23.3	23.1	23.1	23.1	23.3	28.2	33.0	37.6	41.2	41.1
-77.5°	21.3	17.0	16.9	16.9	16.9	17.0	21.3	25.4	29.2	32.1	31.9
-80°	14.5	12.4	12.7	13.0	12.7	12.4	14.5	16.4	18.3	20.1	20.7
-82.5°	9.8	8.5	8.5	8.5	8.5	8.5	9.8	11.0	12.2	13.2	12.8
-85°	3.8	3.4	3.4	3.4	3.4	3.4	3.8	4.2	4.5	4.8	4.6
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	1.0	1.1	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558613 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	4.3	4.1	3.9	4.3	4.6	4.9	5.0	4.5	3.9	3.4	3.0
82.5°	12.4	11.9	11.4	11.5	11.5	11.5	11.4	10.0	8.6	7.4	6.4
80°	21.2	21.5	21.5	21.1	20.6	20.1	19.2	16.7	14.4	12.4	11.0
77.5°	31.7	31.6	31.3	30.6	29.8	29.1	27.7	24.0	20.4	17.1	15.4
75°	40.9	40.6	39.9	38.9	37.7	36.5	34.4	30.7	26.8	22.8	20.7
72.5°	49.6	49.1	48.2	46.9	45.5	44.0	41.9	38.7	34.7	30.0	27.6
70°	58.9	58.1	57.0	55.4	53.7	51.9	50.2	47.9	44.7	40.6	38.3
67.5°	69.5	68.3	67.1	65.4	63.7	61.5	60.1	58.2	55.7	52.2	49.6
65°	85.5	82.6	80.9	80.7	79.1	75.9	72.4	70.2	67.8	64.6	61.0
62.5°	106.7	105.4	102.2	98.7	96.1	93.8	89.6	84.9	80.8	77.1	72.8
60°	123.9	121.0	118.3	115.1	111.4	107.8	104.3	99.7	94.1	89.4	84.7
57.5°	138.9	136.1	134.3	131.2	126.9	123.2	119.3	114.7	109.1	102.5	96.5
55°	155.8	153.6	151.7	148.8	144.9	139.9	134.9	130.0	123.7	115.7	108.4
52.5°	175.7	173.1	170.3	167.2	162.6	156.5	150.6	144.7	137.5	128.8	119.9
50°	199.1	193.8	189.1	185.0	179.0	172.1	165.1	158.5	149.9	141.0	131.8
47.5°	216.7	212.1	206.8	200.9	194.1	186.8	179.0	170.6	161.7	152.3	142.6
45°	243.0	233.1	222.7	216.2	208.5	200.6	192.3	182.8	173.0	163.0	152.8
42.5°	311.3	274.3	250.3	236.5	223.8	214.8	204.8	194.6	184.1	173.5	162.7
40°	510.5	366.6	318.5	271.6	246.9	230.8	217.8	205.8	194.8	183.5	172.1
37.5°	875.8	671.8	505.8	355.7	299.8	252.7	233.0	217.5	204.9	193.2	181.2
35°	1334.6	1099.5	827.3	605.5	401.8	313.8	253.2	231.4	215.3	202.6	190.0
32.5°	1733.2	1504.2	1241.2	936.2	656.0	423.4	312.6	250.0	226.8	211.9	198.5
30°	2072.1	1860.7	1609.5	1305.7	970.1	654.3	399.6	297.4	243.9	220.8	206.7
27.5°	2348.7	2159.0	1923.9	1647.5	1305.2	934.0	606.3	356.4	269.7	234.1	214.4
25°	2602.8	2402.6	2182.1	1924.1	1612.6	1238.2	832.5	511.9	320.2	248.3	221.6
22.5°	2844.0	2631.5	2404.8	2155.0	1866.6	1508.7	1104.2	684.9	371.2	274.1	232.7
20°	3077.2	2843.0	2606.8	2347.2	2059.3	1747.2	1350.1	892.2	516.8	313.2	243.3
17.5°	3316.1	3048.0	2780.6	2516.3	2224.5	1911.2	1541.8	1100.6	643.3	348.3	252.5
15°	3542.4	3242.9	2947.9	2657.3	2365.5	2048.0	1701.8	1286.3	768.9	419.5	278.5
12.5°	3771.5	3422.9	3102.6	2776.8	2484.0	2162.1	1815.3	1413.0	916.3	506.7	304.4
10°	3979.1	3588.0	3232.9	2888.1	2572.3	2253.2	1906.5	1514.8	1037.5	578.4	325.6
7.5°	4156.9	3731.6	3341.3	2978.8	2643.3	2329.1	1984.7	1596.1	1128.8	633.7	342.1
5°	4294.1	3836.5	3424.6	3053.2	2698.5	2380.9	2042.0	1655.2	1190.4	672.6	354.0
2.5°	4376.6	3900.0	3473.5	3099.3	2732.8	2410.4	2072.3	1693.1	1229.6	697.7	362.9
0°	4412.1	3919.3	3509.4	3130.5	2745.9	2422.9	2071.6	1707.3	1243.9	707.1	367.1
-2.5°	4376.6	3900.0	3473.5	3099.3	2732.8	2410.4	2072.3	1693.1	1229.6	697.7	362.9
-5°	4294.1	3836.5	3424.6	3053.2	2698.5	2380.9	2042.0	1655.2	1190.4	672.6	354.0
-7.5°	4156.9	3731.6	3341.3	2978.8	2643.3	2329.1	1984.7	1596.1	1128.8	633.7	342.1
-10°	3979.1	3588.0	3232.9	2888.1	2572.3	2253.2	1906.5	1514.8	1037.5	578.4	325.6
-12.5°	3771.5	3422.9	3102.6	2776.8	2484.0	2162.1	1815.3	1413.0	916.3	506.7	304.4
-15°	3542.4	3242.9	2947.9	2657.3	2365.5	2048.0	1701.8	1286.3	768.9	419.5	278.5
-17.5°	3316.1	3048.0	2780.6	2516.3	2224.5	1911.2	1541.8	1100.6	643.3	348.3	252.5
-20°	3077.2	2843.0	2606.8	2347.2	2059.3	1747.2	1350.1	892.2	516.8	313.2	243.3



REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2844.0	2631.5	2404.8	2155.0	1866.6	1508.7	1104.2	684.9	371.2	274.1	232.7
-25°	2602.8	2402.6	2182.1	1924.1	1612.6	1238.2	832.5	511.9	320.2	248.3	221.6
-27.5°	2348.7	2159.0	1923.9	1647.5	1305.2	934.0	606.3	356.4	269.7	234.1	214.4
-30°	2072.1	1860.7	1609.5	1305.7	970.1	654.3	399.6	297.4	243.9	220.8	206.7
-32.5°	1733.2	1504.2	1241.2	936.2	656.0	423.4	312.6	250.0	226.8	211.9	198.5
-35°	1334.6	1099.5	827.3	605.5	401.8	313.8	253.2	231.4	215.3	202.6	190.0
-37.5°	875.8	671.8	505.8	355.7	299.8	252.7	233.0	217.5	204.9	193.2	181.2
-40°	510.5	366.6	318.5	271.6	246.9	230.8	217.8	205.8	194.8	183.5	172.1
-42.5°	311.3	274.3	250.3	236.5	223.8	214.8	204.8	194.6	184.1	173.5	162.7
-45°	243.0	233.1	222.7	216.2	208.5	200.6	192.3	182.8	173.0	163.0	152.8
-47.5°	216.7	212.1	206.8	200.9	194.1	186.8	179.0	170.6	161.7	152.3	142.6
-50°	199.1	193.8	189.1	185.0	179.0	172.1	165.1	158.5	149.9	141.0	131.8
-52.5°	175.7	173.1	170.3	167.2	162.6	156.5	150.6	144.7	137.5	128.8	119.9
-55°	155.8	153.6	151.7	148.8	144.9	139.9	134.9	130.0	123.7	115.7	108.4
-57.5°	138.9	136.1	134.3	131.2	126.9	123.2	119.3	114.7	109.1	102.5	96.5
-60°	123.9	121.0	118.3	115.1	111.4	107.8	104.3	99.7	94.1	89.4	84.7
-62.5°	106.7	105.4	102.2	98.7	96.1	93.8	89.6	84.9	80.8	77.1	72.8
-65°	85.5	82.6	80.9	80.7	79.1	75.9	72.4	70.2	67.8	64.6	61.0
-67.5°	69.5	68.3	67.1	65.4	63.7	61.5	60.1	58.2	55.7	52.2	49.6
-70°	58.9	58.1	57.0	55.4	53.7	51.9	50.2	47.9	44.7	40.6	38.3
-72.5°	49.6	49.1	48.2	46.9	45.5	44.0	41.9	38.7	34.7	30.0	27.6
-75°	40.9	40.6	39.9	38.9	37.7	36.5	34.4	30.7	26.8	22.8	20.7
-77.5°	31.7	31.6	31.3	30.6	29.8	29.1	27.7	24.0	20.4	17.1	15.4
-80°	21.2	21.5	21.5	21.1	20.6	20.1	19.2	16.7	14.4	12.4	11.0
-82.5°	12.4	11.9	11.4	11.5	11.5	11.5	11.4	10.0	8.6	7.4	6.4
-85°	4.3	4.1	3.9	4.3	4.6	4.9	5.0	4.5	3.9	3.4	3.0
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558613 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.1
85°	3.2	3.3	3.3	3.3	3.1	2.9	2.9	2.9	2.7	2.5	2.3
82.5°	6.7	7.0	7.1	7.1	6.7	6.2	5.7	5.2	4.6	3.9	3.4
80°	11.6	12.0	12.1	11.8	10.7	9.5	8.8	8.1	7.5	6.6	5.6
77.5°	16.6	17.3	17.6	17.2	15.7	14.1	12.6	11.2	10.4	9.5	8.2
75°	21.7	22.8	23.5	23.1	21.2	18.7	16.8	15.1	13.9	12.3	10.9
72.5°	28.1	28.7	29.3	29.2	27.5	25.1	21.9	19.1	17.7	16.0	13.8
70°	36.8	35.1	34.8	34.5	33.5	31.6	28.4	24.7	21.6	19.6	17.1
67.5°	47.3	45.1	42.8	40.4	39.2	37.5	34.9	30.6	26.5	23.3	20.5
65°	57.7	54.8	52.0	48.4	45.5	43.3	40.7	36.0	31.1	27.1	23.9
62.5°	68.4	64.0	60.3	56.2	52.3	49.2	46.4	41.1	35.6	30.7	26.9
60°	79.5	74.3	68.6	63.6	59.0	54.8	51.1	46.1	40.2	34.2	29.7
57.5°	90.9	84.7	77.8	71.3	65.7	60.6	55.6	50.5	44.7	38.0	32.2
55°	102.1	95.3	86.9	79.2	72.4	66.5	60.3	54.5	48.9	42.0	34.0
52.5°	112.0	105.0	96.7	87.3	79.2	72.2	65.3	58.5	52.5	45.8	36.4
50°	122.2	113.5	105.5	96.3	86.0	77.9	70.2	62.9	56.0	49.3	38.6
47.5°	132.8	122.6	113.3	104.6	94.1	83.4	75.2	67.1	59.4	52.4	40.6
45°	142.5	132.0	121.3	111.7	101.7	89.8	80.0	71.2	63.1	53.9	42.3
42.5°	151.7	140.7	129.5	118.5	108.0	96.1	84.7	75.4	66.6	55.2	43.5
40°	160.6	149.0	137.3	125.8	114.4	101.8	89.8	79.5	69.7	56.2	44.3
37.5°	169.0	156.8	144.6	132.7	120.8	107.7	94.5	83.4	71.3	57.4	44.9
35°	177.2	164.3	151.9	139.4	126.9	113.7	98.7	87.1	73.5	58.3	45.2
32.5°	184.9	171.6	158.8	145.9	132.7	119.7	103.5	90.5	76.3	59.1	45.3
30°	192.5	178.7	165.3	152.0	138.1	124.8	108.8	93.9	79.5	59.7	45.3
27.5°	199.7	185.2	171.3	157.7	143.5	129.4	114.0	97.2	83.1	60.9	45.6
25°	206.3	191.3	176.9	162.8	148.5	133.8	118.8	100.4	86.2	63.3	45.7
22.5°	212.5	196.9	182.0	167.5	153.3	138.1	122.9	104.4	88.7	65.9	45.7
20°	218.0	201.8	186.7	172.5	157.8	142.2	126.3	108.0	91.0	68.4	45.4
17.5°	223.6	207.0	192.2	177.3	161.8	145.9	129.5	111.2	93.1	71.0	45.0
15°	232.4	212.6	197.2	181.7	165.6	149.2	132.5	114.0	95.1	73.5	44.9
12.5°	240.4	217.6	201.6	185.9	169.1	152.1	135.1	116.4	96.9	75.2	45.0
10°	247.0	222.0	205.6	189.6	172.1	154.6	137.5	118.5	98.3	75.9	44.9
7.5°	252.5	225.7	209.0	193.0	175.0	157.0	139.6	120.2	99.7	75.9	44.6
5°	257.2	229.8	213.3	196.6	178.4	159.4	141.4	121.6	101.0	75.4	44.0
2.5°	262.5	234.8	218.0	199.8	181.4	161.4	142.8	122.4	102.0	74.3	43.2
0°	266.7	239.1	222.2	202.4	183.8	163.0	143.8	122.9	102.6	72.7	42.3
-2.5°	262.5	234.8	218.0	199.8	181.4	161.4	142.8	122.4	102.0	74.3	43.2
-5°	257.2	229.8	213.3	196.6	178.4	159.4	141.4	121.6	101.0	75.4	44.0
-7.5°	252.5	225.7	209.0	193.0	175.0	157.0	139.6	120.2	99.7	75.9	44.6
-10°	247.0	222.0	205.6	189.6	172.1	154.6	137.5	118.5	98.3	75.9	44.9
-12.5°	240.4	217.6	201.6	185.9	169.1	152.1	135.1	116.4	96.9	75.2	45.0
-15°	232.4	212.6	197.2	181.7	165.6	149.2	132.5	114.0	95.1	73.5	44.9
-17.5°	223.6	207.0	192.2	177.3	161.8	145.9	129.5	111.2	93.1	71.0	45.0
-20°	218.0	201.8	186.7	172.5	157.8	142.2	126.3	108.0	91.0	68.4	45.4



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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°	212.5	196.9	182.0	167.5	153.3	138.1	122.9	104.4	88.7	65.9	45.7
-25°	206.3	191.3	176.9	162.8	148.5	133.8	118.8	100.4	86.2	63.3	45.7
-27.5°	199.7	185.2	171.3	157.7	143.5	129.4	114.0	97.2	83.1	60.9	45.6
-30°	192.5	178.7	165.3	152.0	138.1	124.8	108.8	93.9	79.5	59.7	45.3
-32.5°	184.9	171.6	158.8	145.9	132.7	119.7	103.5	90.5	76.3	59.1	45.3
-35°	177.2	164.3	151.9	139.4	126.9	113.7	98.7	87.1	73.5	58.3	45.2
-37.5°	169.0	156.8	144.6	132.7	120.8	107.7	94.5	83.4	71.3	57.4	44.9
-40°	160.6	149.0	137.3	125.8	114.4	101.8	89.8	79.5	69.7	56.2	44.3
-42.5°	151.7	140.7	129.5	118.5	108.0	96.1	84.7	75.4	66.6	55.2	43.5
-45°	142.5	132.0	121.3	111.7	101.7	89.8	80.0	71.2	63.1	53.9	42.3
-47.5°	132.8	122.6	113.3	104.6	94.1	83.4	75.2	67.1	59.4	52.4	40.6
-50°	122.2	113.5	105.5	96.3	86.0	77.9	70.2	62.9	56.0	49.3	38.6
-52.5°	112.0	105.0	96.7	87.3	79.2	72.2	65.3	58.5	52.5	45.8	36.4
-55°	102.1	95.3	86.9	79.2	72.4	66.5	60.3	54.5	48.9	42.0	34.0
-57.5°	90.9	84.7	77.8	71.3	65.7	60.6	55.6	50.5	44.7	38.0	32.2
-60°	79.5	74.3	68.6	63.6	59.0	54.8	51.1	46.1	40.2	34.2	29.7
-62.5°	68.4	64.0	60.3	56.2	52.3	49.2	46.4	41.1	35.6	30.7	26.9
-65°	57.7	54.8	52.0	48.4	45.5	43.3	40.7	36.0	31.1	27.1	23.9
-67.5°	47.3	45.1	42.8	40.4	39.2	37.5	34.9	30.6	26.5	23.3	20.5
-70°	36.8	35.1	34.8	34.5	33.5	31.6	28.4	24.7	21.6	19.6	17.1
-72.5°	28.1	28.7	29.3	29.2	27.5	25.1	21.9	19.1	17.7	16.0	13.8
-75°	21.7	22.8	23.5	23.1	21.2	18.7	16.8	15.1	13.9	12.3	10.9
-77.5°	16.6	17.3	17.6	17.2	15.7	14.1	12.6	11.2	10.4	9.5	8.2
-80°	11.6	12.0	12.1	11.8	10.7	9.5	8.8	8.1	7.5	6.6	5.6
-82.5°	6.7	7.0	7.1	7.1	6.7	6.2	5.7	5.2	4.6	3.9	3.4
-85°	3.2	3.3	3.3	3.3	3.1	2.9	2.9	2.9	2.7	2.5	2.3
-87.5°	0.9	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.1
-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):**

	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°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
85°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
82.5°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
80°	4.2	3.1	2.3	1.6	1.0	0.5	0.0
77.5°	6.6	4.2	2.9	2.0	1.2	0.6	0.0
75°	8.9	6.1	3.6	2.4	1.4	0.7	0.0
72.5°	11.2	7.9	4.9	2.7	1.7	0.8	0.0
70°	13.5	9.6	6.2	3.2	1.9	1.0	0.0
67.5°	16.2	11.3	7.5	4.1	2.1	1.1	0.0
65°	18.8	13.1	8.7	4.9	2.4	1.2	0.0
62.5°	21.2	15.0	9.9	5.8	2.6	1.3	0.0
60°	23.6	16.9	11.0	6.6	2.8	1.4	0.0
57.5°	25.2	18.6	12.3	7.3	3.3	1.5	0.0
55°	26.5	20.2	13.5	8.0	3.8	1.6	0.0
52.5°	27.7	21.6	14.6	8.7	4.2	1.7	0.0
50°	28.6	22.3	15.7	9.4	4.7	1.8	0.0
47.5°	29.5	22.8	16.7	10.0	5.1	1.9	0.0
45°	30.9	23.2	17.6	10.7	5.5	2.0	0.0
42.5°	32.1	23.5	18.4	11.3	5.9	2.1	0.0
40°	33.1	23.6	18.8	11.9	6.3	2.1	0.0
37.5°	33.8	23.6	18.9	12.6	6.6	2.2	0.0
35°	34.4	23.9	18.9	13.3	7.0	2.3	0.0
32.5°	34.6	24.3	18.7	13.9	7.3	2.4	0.0
30°	34.6	24.5	18.6	14.5	7.6	2.4	0.0
27.5°	34.4	24.6	18.8	15.1	7.8	2.5	0.0
25°	34.1	24.5	19.0	15.6	8.0	2.5	0.0
22.5°	33.5	24.6	19.1	16.2	8.2	2.6	0.0
20°	32.8	25.2	19.3	16.7	8.4	2.6	0.0
17.5°	32.9	25.7	19.4	17.2	8.6	2.7	0.0
15°	33.4	26.2	19.5	17.6	8.7	2.7	0.0
12.5°	33.8	26.6	19.6	18.0	8.8	2.7	0.0
10°	34.1	27.0	19.6	18.3	8.9	2.8	0.0
7.5°	34.3	27.3	19.7	18.6	9.0	2.8	0.0
5°	34.4	27.4	19.7	18.9	9.0	2.8	0.0
2.5°	34.4	27.6	19.7	19.1	9.0	2.8	0.0
0°	34.4	27.6	19.7	19.1	9.0	2.8	0.0
-2.5°	34.4	27.6	19.7	19.1	9.0	2.8	0.0
-5°	34.4	27.4	19.7	18.9	9.0	2.8	0.0
-7.5°	34.3	27.3	19.7	18.6	9.0	2.8	0.0
-10°	34.1	27.0	19.6	18.3	8.9	2.8	0.0
-12.5°	33.8	26.6	19.6	18.0	8.8	2.7	0.0
-15°	33.4	26.2	19.5	17.6	8.7	2.7	0.0
-17.5°	32.9	25.7	19.4	17.2	8.6	2.7	0.0
-20°	32.8	25.2	19.3	16.7	8.4	2.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	33.5	24.6	19.1	16.2	8.2	2.6	0.0
-25°	34.1	24.5	19.0	15.6	8.0	2.5	0.0
-27.5°	34.4	24.6	18.8	15.1	7.8	2.5	0.0
-30°	34.6	24.5	18.6	14.5	7.6	2.4	0.0
-32.5°	34.6	24.3	18.7	13.9	7.3	2.4	0.0
-35°	34.4	23.9	18.9	13.3	7.0	2.3	0.0
-37.5°	33.8	23.6	18.9	12.6	6.6	2.2	0.0
-40°	33.1	23.6	18.8	11.9	6.3	2.1	0.0
-42.5°	32.1	23.5	18.4	11.3	5.9	2.1	0.0
-45°	30.9	23.2	17.6	10.7	5.5	2.0	0.0
-47.5°	29.5	22.8	16.7	10.0	5.1	1.9	0.0
-50°	28.6	22.3	15.7	9.4	4.7	1.8	0.0
-52.5°	27.7	21.6	14.6	8.7	4.2	1.7	0.0
-55°	26.5	20.2	13.5	8.0	3.8	1.6	0.0
-57.5°	25.2	18.6	12.3	7.3	3.3	1.5	0.0
-60°	23.6	16.9	11.0	6.6	2.8	1.4	0.0
-62.5°	21.2	15.0	9.9	5.8	2.6	1.3	0.0
-65°	18.8	13.1	8.7	4.9	2.4	1.2	0.0
-67.5°	16.2	11.3	7.5	4.1	2.1	1.1	0.0
-70°	13.5	9.6	6.2	3.2	1.9	1.0	0.0
-72.5°	11.2	7.9	4.9	2.7	1.7	0.8	0.0
-75°	8.9	6.1	3.6	2.4	1.4	0.7	0.0
-77.5°	6.6	4.2	2.9	2.0	1.2	0.6	0.0
-80°	4.2	3.1	2.3	1.6	1.0	0.5	0.0
-82.5°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
-85°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-87.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)