

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: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558605 (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-935-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

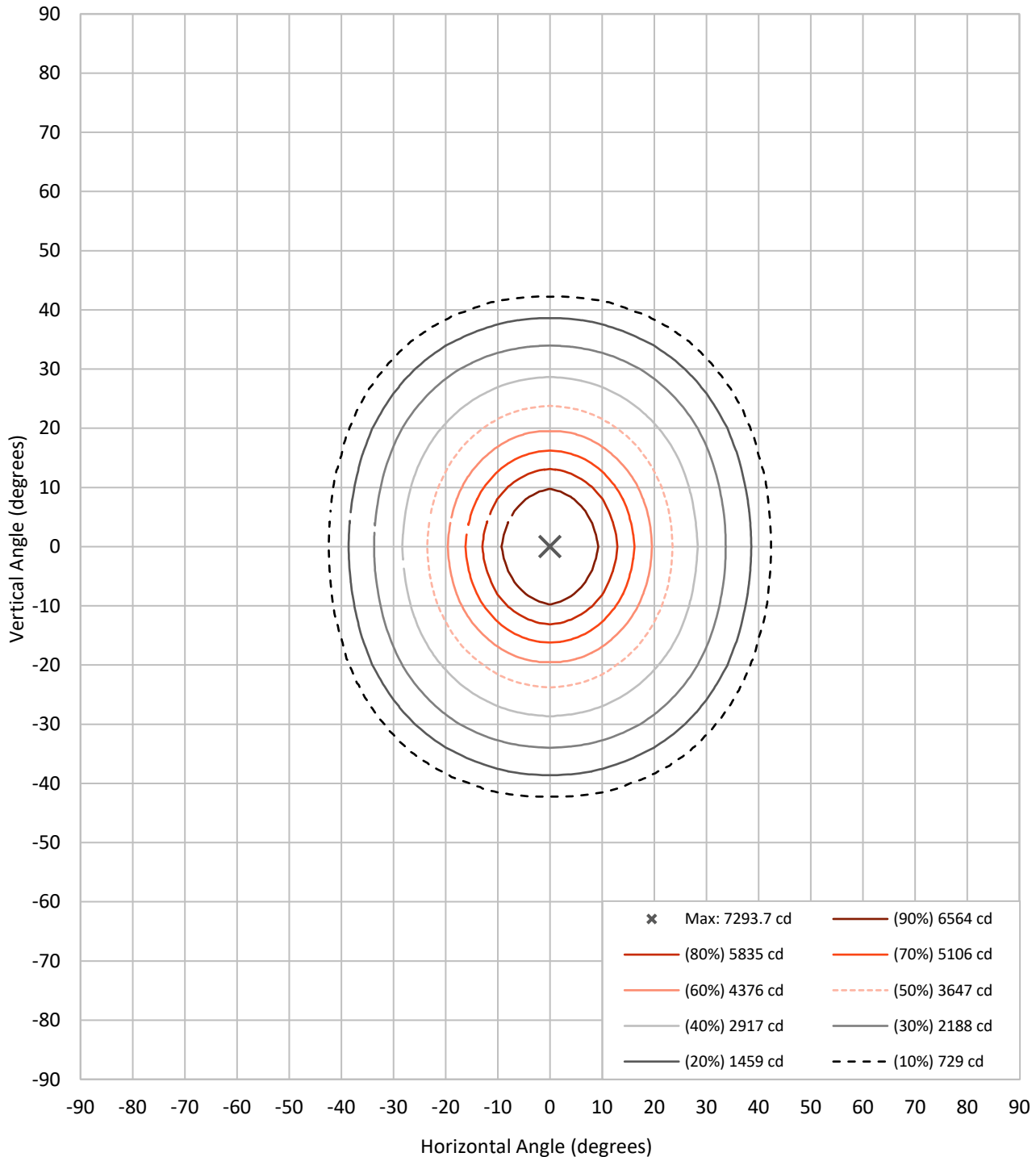
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	5677.7 lumens	Max Intensity:	7293.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	2679.1 lumens	Field Lumens:	5155.4 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





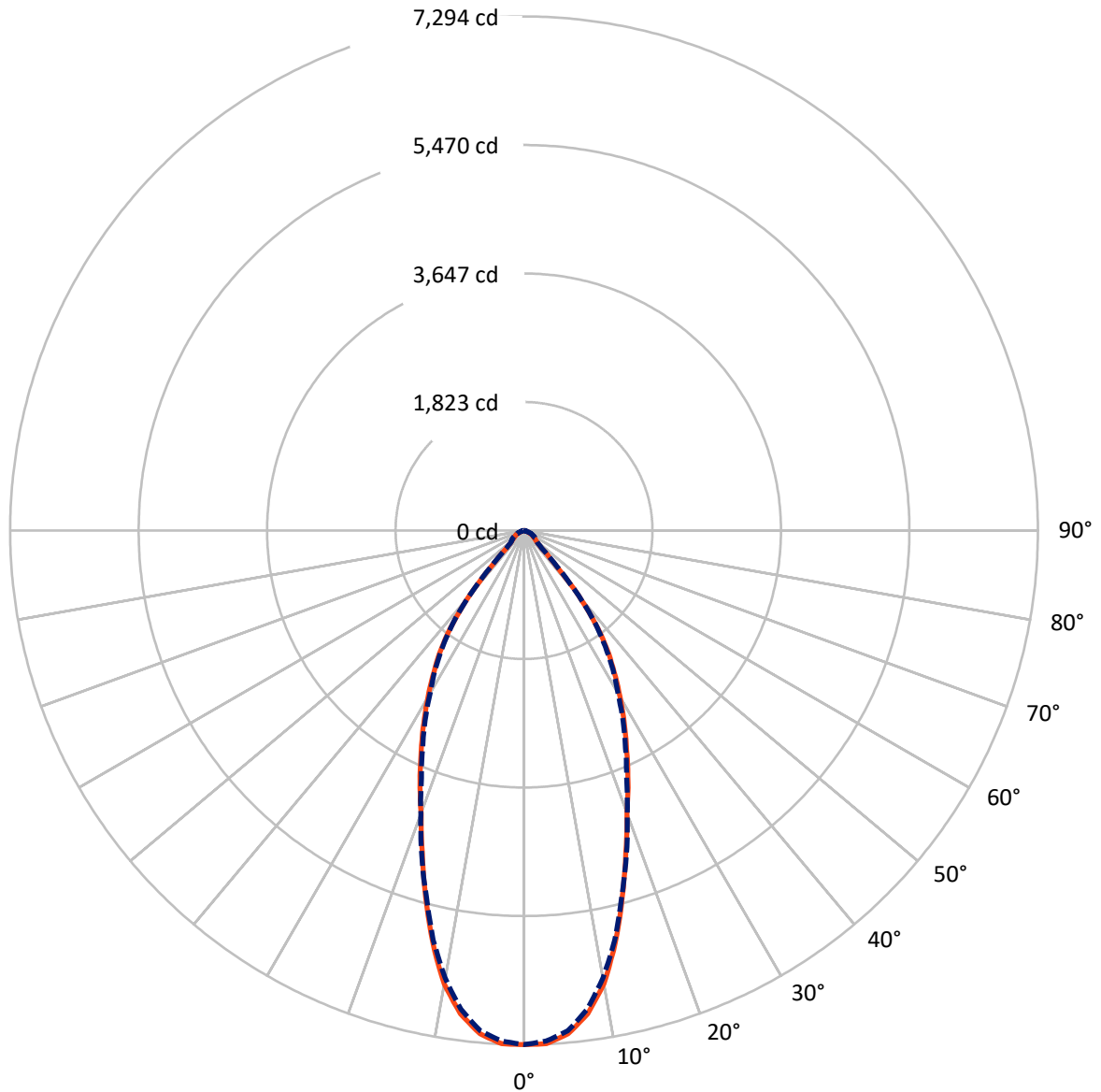
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### Lumen Table

90	0.1	0.7	1.6	2.6	2.0	2.6	1.6	0.7	0.1							
80	0.1	0.7	1.6	2.6	2.0	2.6	1.6	0.7	0.1							
70	0.4	0.5	0.8	1.3	1.8	2.3	2.6	2.8	2.8	2.6	2.3	1.8	1.3	0.8	0.5	0.4
60		0.7	1.4	2.3	3.3	4.1	4.7	5.1	5.1	4.7	4.1	3.3	2.3	1.4	0.7	
50	0.6	0.9	1.9	3.2	4.6	6.4	10.1	14.1	14.1	10.1	6.4	4.6	3.2	1.9	0.9	0.6
40		1.1	2.4	4.0	7.5	23.9	46.6	59.4	59.4	46.6	23.9	7.5	4.0	2.4	1.1	
30	0.7	1.3	2.8	5.0	21.9	57.2	84.3	102.1	102.1	84.3	57.2	21.9	5.0	2.8	1.3	0.7
20		1.4	3.1	7.6	39.8	78.9	119.9	156.0	156.0	119.9	78.9	39.8	7.6	3.1	1.4	
10	0.7	1.5	3.3	10.5	48.5	92.1	150.8	203.9	203.9	150.8	92.1	48.5	10.5	3.3	1.5	0.7
0		1.5	3.3	10.5	48.5	92.1	150.8	203.9	203.9	150.8	92.1	48.5	10.5	3.3	1.5	
-10	0.7	1.4	3.1	7.6	39.8	78.9	119.9	156.0	156.0	119.9	78.9	39.8	7.6	3.1	1.4	0.7
-20		1.3	2.8	5.0	21.9	57.2	84.3	102.1	102.1	84.3	57.2	21.9	5.0	2.8	1.3	
-30	0.6	1.1	2.4	4.0	7.5	23.9	46.6	59.4	59.4	46.6	23.9	7.5	4.0	2.4	1.1	0.6
-40		0.9	1.9	3.2	4.6	6.4	10.1	14.1	14.1	10.1	6.4	4.6	3.2	1.9	0.9	
-50	0.4	0.7	1.4	2.3	3.3	4.1	4.7	5.1	5.1	4.7	4.1	3.3	2.3	1.4	0.7	0.4
-60		0.5	0.8	1.3	1.8	2.3	2.6	2.8	2.8	2.6	2.3	1.8	1.3	0.8	0.5	
-70	0.1	0.7	1.6	2.6	2.0	2.6	1.6	0.7	0.1							
-80		0.1	0.7	1.6	2.6	2.0	2.6	1.6	0.7	0.1						
-90	0.1	0.7	1.6	2.6	2.0	2.6	1.6	0.7	0.1							

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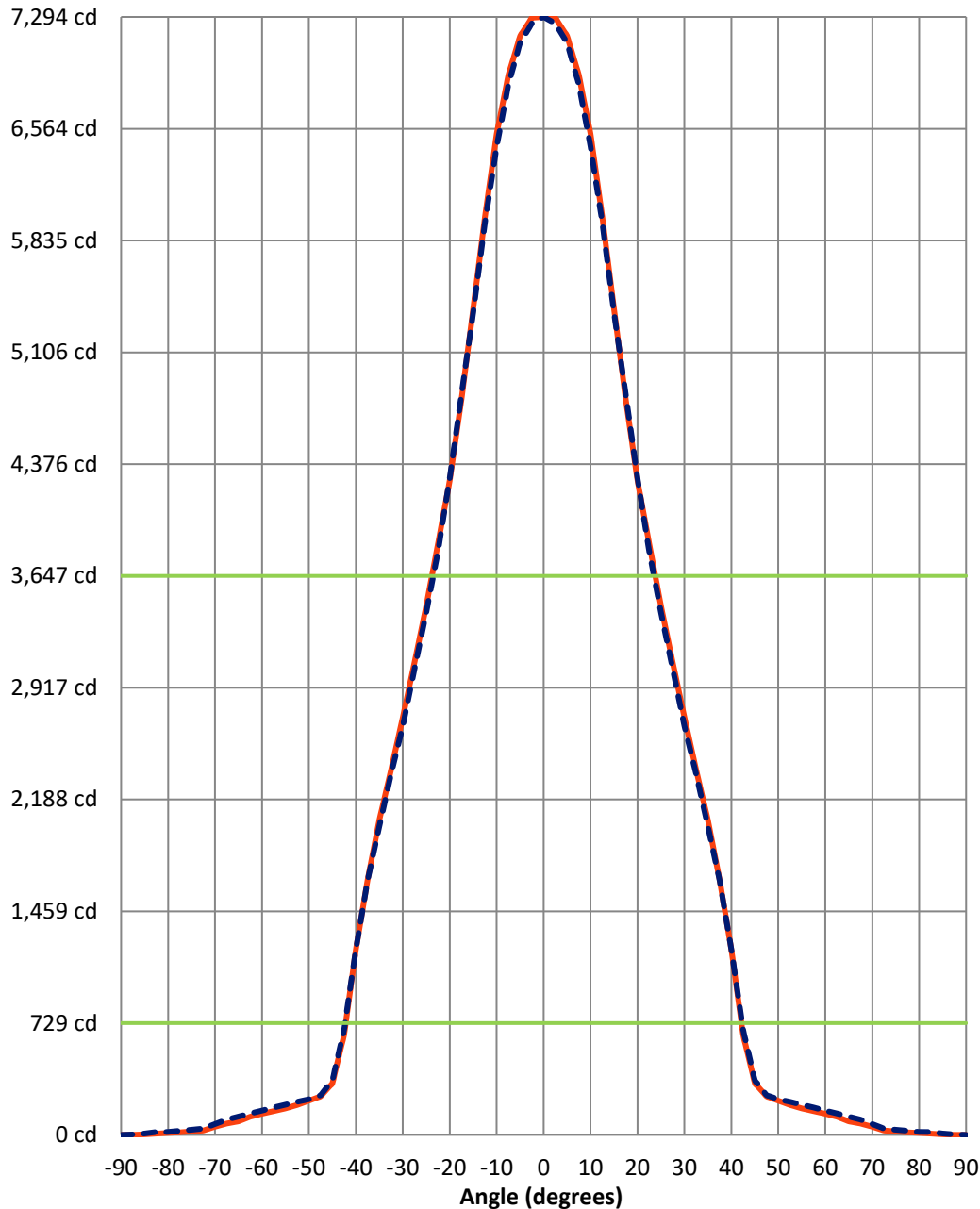
### Luminous Intensity Polar Plot



— 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: 2679.1  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 5155.4  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 522.4  
 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	1.1	1.5	2.0	2.2	2.4	2.6	2.8
82.5°	0.0	0.4	0.7	1.2	1.7	2.3	2.9	3.3	3.7	4.5	5.1
80°	0.0	0.5	0.9	1.5	2.2	3.0	4.1	5.4	6.5	7.3	7.9
77.5°	0.0	0.6	1.2	1.9	2.8	4.1	6.4	8.0	9.2	10.1	10.9
75°	0.0	0.7	1.4	2.3	3.5	5.9	8.7	10.6	12.0	13.5	14.7
72.5°	0.0	0.8	1.6	2.6	4.7	7.6	10.9	13.4	15.5	17.2	18.5
70°	0.0	0.9	1.8	3.1	6.0	9.3	13.1	16.6	19.0	20.9	24.0
67.5°	0.0	1.0	2.1	3.9	7.2	11.0	15.7	19.9	22.5	25.7	29.6
65°	0.0	1.1	2.3	4.8	8.4	12.7	18.2	23.1	26.2	30.2	35.0
62.5°	0.0	1.2	2.5	5.6	9.6	14.6	20.6	26.1	29.8	34.6	39.9
60°	0.0	1.3	2.7	6.3	10.6	16.3	22.9	28.8	33.1	39.0	44.8
57.5°	0.0	1.5	3.2	7.1	11.9	18.0	24.4	31.2	36.9	43.3	49.0
55°	0.0	1.5	3.7	7.8	13.1	19.6	25.7	32.9	40.7	47.5	52.9
52.5°	0.0	1.6	4.1	8.5	14.2	20.9	26.8	35.3	44.4	50.9	56.8
50°	0.0	1.7	4.5	9.1	15.2	21.6	27.7	37.5	47.9	54.3	61.0
47.5°	0.0	1.8	5.0	9.7	16.2	22.2	28.6	39.4	50.8	57.6	65.2
45°	0.0	1.9	5.4	10.3	17.1	22.6	30.0	41.1	52.3	61.2	69.2
42.5°	0.0	2.0	5.7	10.9	17.9	22.8	31.2	42.3	53.5	64.6	73.3
40°	0.0	2.1	6.1	11.6	18.3	23.0	32.1	43.0	54.5	67.7	77.2
37.5°	0.0	2.1	6.5	12.2	18.4	23.0	32.9	43.6	55.6	69.2	81.0
35°	0.0	2.2	6.8	12.9	18.3	23.3	33.4	43.9	56.6	71.4	84.6
32.5°	0.0	2.3	7.1	13.5	18.2	23.6	33.6	43.9	57.4	74.1	87.9
30°	0.0	2.3	7.3	14.1	18.1	23.8	33.6	43.9	58.0	77.2	91.2
27.5°	0.0	2.4	7.6	14.6	18.2	23.9	33.4	44.2	59.1	80.7	94.4
25°	0.0	2.4	7.8	15.2	18.5	23.8	33.0	44.4	61.5	83.7	97.5
22.5°	0.0	2.5	8.0	15.7	18.6	23.9	32.5	44.3	63.9	86.1	101.4
20°	0.0	2.5	8.2	16.2	18.8	24.5	31.8	44.1	66.5	88.4	104.9
17.5°	0.0	2.6	8.4	16.6	18.9	25.0	31.9	43.7	69.0	90.5	108.0
15°	0.0	2.6	8.5	17.1	19.0	25.5	32.3	43.5	71.4	92.4	110.7
12.5°	0.0	2.6	8.6	17.4	19.1	25.9	32.7	43.7	73.0	94.1	113.1
10°	0.0	2.7	8.7	17.8	19.1	26.2	33.0	43.6	73.7	95.5	115.1
7.5°	0.0	2.7	8.8	18.0	19.2	26.5	33.2	43.3	73.7	96.9	116.8
5°	0.0	2.7	8.8	18.3	19.2	26.7	33.4	42.7	73.2	98.1	118.1
2.5°	0.0	2.7	8.8	18.5	19.2	26.8	33.4	42.0	72.2	99.1	118.9
0°	0.0	2.7	8.8	18.6	19.2	26.8	33.4	41.1	70.6	99.7	119.4
-2.5°	0.0	2.7	8.8	18.5	19.2	26.8	33.4	42.0	72.2	99.1	118.9
-5°	0.0	2.7	8.8	18.3	19.2	26.7	33.4	42.7	73.2	98.1	118.1
-7.5°	0.0	2.7	8.8	18.0	19.2	26.5	33.2	43.3	73.7	96.9	116.8
-10°	0.0	2.7	8.7	17.8	19.1	26.2	33.0	43.6	73.7	95.5	115.1
-12.5°	0.0	2.6	8.6	17.4	19.1	25.9	32.7	43.7	73.0	94.1	113.1
-15°	0.0	2.6	8.5	17.1	19.0	25.5	32.3	43.5	71.4	92.4	110.7
-17.5°	0.0	2.6	8.4	16.6	18.9	25.0	31.9	43.7	69.0	90.5	108.0
-20°	0.0	2.5	8.2	16.2	18.8	24.5	31.8	44.1	66.5	88.4	104.9



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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	2.5	8.0	15.7	18.6	23.9	32.5	44.3	63.9	86.1	101.4
-25°	0.0	2.4	7.8	15.2	18.5	23.8	33.0	44.4	61.5	83.7	97.5
-27.5°	0.0	2.4	7.6	14.6	18.2	23.9	33.4	44.2	59.1	80.7	94.4
-30°	0.0	2.3	7.3	14.1	18.1	23.8	33.6	43.9	58.0	77.2	91.2
-32.5°	0.0	2.3	7.1	13.5	18.2	23.6	33.6	43.9	57.4	74.1	87.9
-35°	0.0	2.2	6.8	12.9	18.3	23.3	33.4	43.9	56.6	71.4	84.6
-37.5°	0.0	2.1	6.5	12.2	18.4	23.0	32.9	43.6	55.6	69.2	81.0
-40°	0.0	2.1	6.1	11.6	18.3	23.0	32.1	43.0	54.5	67.7	77.2
-42.5°	0.0	2.0	5.7	10.9	17.9	22.8	31.2	42.3	53.5	64.6	73.3
-45°	0.0	1.9	5.4	10.3	17.1	22.6	30.0	41.1	52.3	61.2	69.2
-47.5°	0.0	1.8	5.0	9.7	16.2	22.2	28.6	39.4	50.8	57.6	65.2
-50°	0.0	1.7	4.5	9.1	15.2	21.6	27.7	37.5	47.9	54.3	61.0
-52.5°	0.0	1.6	4.1	8.5	14.2	20.9	26.8	35.3	44.4	50.9	56.8
-55°	0.0	1.5	3.7	7.8	13.1	19.6	25.7	32.9	40.7	47.5	52.9
-57.5°	0.0	1.5	3.2	7.1	11.9	18.0	24.4	31.2	36.9	43.3	49.0
-60°	0.0	1.3	2.7	6.3	10.6	16.3	22.9	28.8	33.1	39.0	44.8
-62.5°	0.0	1.2	2.5	5.6	9.6	14.6	20.6	26.1	29.8	34.6	39.9
-65°	0.0	1.1	2.3	4.8	8.4	12.7	18.2	23.1	26.2	30.2	35.0
-67.5°	0.0	1.0	2.1	3.9	7.2	11.0	15.7	19.9	22.5	25.7	29.6
-70°	0.0	0.9	1.8	3.1	6.0	9.3	13.1	16.6	19.0	20.9	24.0
-72.5°	0.0	0.8	1.6	2.6	4.7	7.6	10.9	13.4	15.5	17.2	18.5
-75°	0.0	0.7	1.4	2.3	3.5	5.9	8.7	10.6	12.0	13.5	14.7
-77.5°	0.0	0.6	1.2	1.9	2.8	4.1	6.4	8.0	9.2	10.1	10.9
-80°	0.0	0.5	0.9	1.5	2.2	3.0	4.1	5.4	6.5	7.3	7.9
-82.5°	0.0	0.4	0.7	1.2	1.7	2.3	2.9	3.3	3.7	4.5	5.1
-85°	0.0	0.2	0.5	0.8	1.1	1.5	2.0	2.2	2.4	2.6	2.8
-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	1.3	1.3	1.2	1.1	0.9	0.8	0.8	0.8	0.9
85°	2.8	2.8	3.0	3.2	3.3	3.2	3.1	2.9	3.4	3.9	4.4
82.5°	5.6	6.1	6.5	7.0	7.0	6.8	6.6	6.3	7.2	8.4	9.7
80°	8.6	9.3	10.4	11.5	11.8	11.7	11.3	10.7	12.0	14.0	16.2
77.5°	12.3	13.8	15.3	16.8	17.1	16.8	16.1	15.0	16.7	19.8	23.3
75°	16.3	18.2	20.5	22.4	22.8	22.1	21.1	20.1	22.1	26.0	29.8
72.5°	21.2	24.3	26.7	28.3	28.4	27.8	27.3	26.8	29.1	33.7	37.6
70°	27.6	30.7	32.5	33.5	33.7	34.1	35.7	37.1	39.4	43.4	46.5
67.5°	33.9	36.3	38.0	39.2	41.5	43.8	45.9	48.1	50.7	54.0	56.4
65°	39.5	42.0	44.2	47.0	50.5	53.2	56.0	59.2	62.7	65.8	68.1
62.5°	45.1	47.7	50.8	54.5	58.5	62.2	66.4	70.7	74.9	78.5	82.4
60°	49.6	53.2	57.3	61.8	66.6	72.1	77.2	82.2	86.8	91.3	96.8
57.5°	53.9	58.8	63.8	69.2	75.5	82.3	88.3	93.7	99.5	106.0	111.4
55°	58.5	64.6	70.4	76.9	84.4	92.6	99.1	105.3	112.3	120.2	126.2
52.5°	63.4	70.2	76.9	84.8	93.9	102.0	108.8	116.5	125.1	133.5	140.6
50°	68.2	75.7	83.5	93.5	102.5	110.2	118.6	128.0	136.9	145.6	154.0
47.5°	73.0	81.0	91.4	101.6	110.0	119.0	128.9	138.5	147.9	157.0	165.8
45°	77.7	87.2	98.7	108.4	117.8	128.2	138.4	148.4	158.4	168.0	177.5
42.5°	82.2	93.3	104.9	115.1	125.8	136.7	147.4	158.0	168.5	178.8	188.9
40°	87.2	98.8	111.1	122.1	133.4	144.7	156.0	167.2	178.2	189.1	199.9
37.5°	91.8	104.6	117.3	128.9	140.4	152.3	164.2	176.0	187.6	199.0	211.3
35°	95.8	110.4	123.3	135.4	147.5	159.6	172.0	184.5	196.8	209.1	224.8
32.5°	100.5	116.3	128.9	141.7	154.2	166.6	179.5	192.8	205.8	220.3	242.7
30°	105.6	121.2	134.2	147.6	160.5	173.5	186.9	200.7	214.4	236.9	288.8
27.5°	110.7	125.7	139.3	153.1	166.4	179.9	193.9	208.2	227.3	261.9	346.2
25°	115.4	130.0	144.2	158.1	171.8	185.8	200.4	215.2	241.2	310.9	497.1
22.5°	119.3	134.1	148.9	162.7	176.7	191.2	206.3	226.0	266.1	360.5	665.1
20°	122.7	138.1	153.2	167.6	181.4	196.0	211.7	236.3	304.1	501.9	866.4
17.5°	125.8	141.7	157.2	172.2	186.7	201.0	217.1	245.2	338.3	624.8	1068.8
15°	128.6	144.9	160.8	176.5	191.5	206.4	225.7	270.5	407.4	746.8	1249.1
12.5°	131.2	147.8	164.2	180.5	195.8	211.3	233.4	295.6	492.1	889.9	1372.2
10°	133.5	150.2	167.2	184.1	199.6	215.5	239.9	316.2	561.7	1007.6	1471.1
7.5°	135.6	152.5	170.0	187.3	203.0	219.2	245.2	332.3	615.5	1096.3	1550.0
5°	137.3	154.8	173.3	190.9	207.1	223.2	249.7	343.8	653.3	1156.0	1607.4
2.5°	138.7	156.7	176.1	194.0	211.6	228.0	254.9	352.4	677.6	1194.0	1644.2
0°	139.6	158.2	178.5	196.6	215.7	232.2	259.0	356.5	686.7	1207.9	1658.1
-2.5°	138.7	156.7	176.1	194.0	211.6	228.0	254.9	352.4	677.6	1194.0	1644.2
-5°	137.3	154.8	173.3	190.9	207.1	223.2	249.7	343.8	653.3	1156.0	1607.4
-7.5°	135.6	152.5	170.0	187.3	203.0	219.2	245.2	332.3	615.5	1096.3	1550.0
-10°	133.5	150.2	167.2	184.1	199.6	215.5	239.9	316.2	561.7	1007.6	1471.1
-12.5°	131.2	147.8	164.2	180.5	195.8	211.3	233.4	295.6	492.1	889.9	1372.2
-15°	128.6	144.9	160.8	176.5	191.5	206.4	225.7	270.5	407.4	746.8	1249.1
-17.5°	125.8	141.7	157.2	172.2	186.7	201.0	217.1	245.2	338.3	624.8	1068.8
-20°	122.7	138.1	153.2	167.6	181.4	196.0	211.7	236.3	304.1	501.9	866.4



REPORT NUMBER: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-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°	119.3	134.1	148.9	162.7	176.7	191.2	206.3	226.0	266.1	360.5	665.1
-25°	115.4	130.0	144.2	158.1	171.8	185.8	200.4	215.2	241.2	310.9	497.1
-27.5°	110.7	125.7	139.3	153.1	166.4	179.9	193.9	208.2	227.3	261.9	346.2
-30°	105.6	121.2	134.2	147.6	160.5	173.5	186.9	200.7	214.4	236.9	288.8
-32.5°	100.5	116.3	128.9	141.7	154.2	166.6	179.5	192.8	205.8	220.3	242.7
-35°	95.8	110.4	123.3	135.4	147.5	159.6	172.0	184.5	196.8	209.1	224.8
-37.5°	91.8	104.6	117.3	128.9	140.4	152.3	164.2	176.0	187.6	199.0	211.3
-40°	87.2	98.8	111.1	122.1	133.4	144.7	156.0	167.2	178.2	189.1	199.9
-42.5°	82.2	93.3	104.9	115.1	125.8	136.7	147.4	158.0	168.5	178.8	188.9
-45°	77.7	87.2	98.7	108.4	117.8	128.2	138.4	148.4	158.4	168.0	177.5
-47.5°	73.0	81.0	91.4	101.6	110.0	119.0	128.9	138.5	147.9	157.0	165.8
-50°	68.2	75.7	83.5	93.5	102.5	110.2	118.6	128.0	136.9	145.6	154.0
-52.5°	63.4	70.2	76.9	84.8	93.9	102.0	108.8	116.5	125.1	133.5	140.6
-55°	58.5	64.6	70.4	76.9	84.4	92.6	99.1	105.3	112.3	120.2	126.2
-57.5°	53.9	58.8	63.8	69.2	75.5	82.3	88.3	93.7	99.5	106.0	111.4
-60°	49.6	53.2	57.3	61.8	66.6	72.1	77.2	82.2	86.8	91.3	96.8
-62.5°	45.1	47.7	50.8	54.5	58.5	62.2	66.4	70.7	74.9	78.5	82.4
-65°	39.5	42.0	44.2	47.0	50.5	53.2	56.0	59.2	62.7	65.8	68.1
-67.5°	33.9	36.3	38.0	39.2	41.5	43.8	45.9	48.1	50.7	54.0	56.4
-70°	27.6	30.7	32.5	33.5	33.7	34.1	35.7	37.1	39.4	43.4	46.5
-72.5°	21.2	24.3	26.7	28.3	28.4	27.8	27.3	26.8	29.1	33.7	37.6
-75°	16.3	18.2	20.5	22.4	22.8	22.1	21.1	20.1	22.1	26.0	29.8
-77.5°	12.3	13.8	15.3	16.8	17.1	16.8	16.1	15.0	16.7	19.8	23.3
-80°	8.6	9.3	10.4	11.5	11.8	11.7	11.3	10.7	12.0	14.0	16.2
-82.5°	5.6	6.1	6.5	7.0	7.0	6.8	6.6	6.3	7.2	8.4	9.7
-85°	2.8	2.8	3.0	3.2	3.3	3.2	3.1	2.9	3.4	3.9	4.4
-87.5°	1.4	1.4	1.3	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: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-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	0.9	0.8
85°	4.9	4.8	4.5	4.2	3.8	4.0	4.2	4.4	4.6	4.3	4.0
82.5°	11.0	11.2	11.2	11.2	11.1	11.6	12.1	12.5	12.8	11.8	10.7
80°	18.6	19.5	20.0	20.5	20.9	20.9	20.7	20.2	19.5	17.8	16.0
77.5°	26.9	28.3	29.0	29.7	30.4	30.6	30.8	31.0	31.2	28.3	24.6
75°	33.3	35.4	36.6	37.7	38.8	39.4	39.7	39.9	40.0	36.5	32.0
72.5°	40.7	42.7	44.2	45.5	46.8	47.7	48.2	48.5	48.8	45.7	41.4
70°	48.8	50.4	52.1	53.8	55.4	56.5	57.2	57.8	58.2	57.9	57.7
67.5°	58.3	59.7	61.8	63.5	65.2	66.4	67.6	68.5	69.2	70.0	70.9
65°	70.3	73.7	76.8	78.4	78.6	80.3	83.0	84.8	85.7	86.4	87.3
62.5°	87.0	91.1	93.3	95.9	99.3	102.5	103.6	105.3	107.2	109.5	112.2
60°	101.3	104.6	108.2	111.8	114.9	117.5	120.3	123.1	125.7	128.0	130.3
57.5°	115.9	119.6	123.2	127.5	130.4	132.1	134.9	138.2	140.8	142.8	145.9
55°	131.1	135.9	140.7	144.5	147.3	149.2	151.3	154.5	156.4	157.1	160.7
52.5°	146.3	152.0	158.0	162.4	165.4	168.1	170.7	173.5	175.5	176.4	179.9
50°	160.4	167.2	173.8	179.6	183.6	188.2	193.4	196.0	197.6	199.4	203.3
47.5°	173.8	181.4	188.5	195.1	200.8	206.0	210.4	214.7	221.1	226.1	231.1
45°	186.7	194.8	202.5	209.9	216.3	226.4	236.0	244.2	266.0	284.4	298.4
42.5°	198.9	208.6	217.3	229.6	243.1	266.4	302.3	335.7	400.1	483.1	552.4
40°	211.5	224.1	239.8	263.8	309.3	356.0	495.7	620.3	742.7	882.0	1001.4
37.5°	226.3	245.3	291.1	345.4	491.2	652.4	850.4	1044.8	1214.1	1359.0	1479.9
35°	245.9	304.7	390.2	588.0	803.4	1067.8	1296.0	1478.9	1646.1	1780.3	1881.3
32.5°	303.6	411.2	637.0	909.1	1205.4	1460.8	1683.1	1858.2	2010.7	2131.0	2224.6
30°	388.1	635.4	942.1	1268.0	1563.1	1807.0	2012.4	2179.2	2315.4	2437.7	2540.5
27.5°	588.8	907.1	1267.6	1600.0	1868.4	2096.7	2281.0	2446.3	2596.4	2725.2	2846.7
25°	808.5	1202.5	1566.1	1868.6	2119.1	2333.3	2527.6	2708.4	2876.5	3027.3	3168.6
22.5°	1072.3	1465.2	1812.7	2092.7	2335.4	2555.5	2762.0	2963.1	3158.7	3342.8	3513.8
20°	1311.1	1696.7	1999.8	2279.4	2531.6	2760.9	2988.4	3222.9	3448.7	3670.4	3876.3
17.5°	1497.2	1856.0	2160.2	2443.7	2700.4	2960.1	3220.4	3489.8	3762.1	4019.5	4265.8
15°	1652.6	1988.9	2297.1	2580.6	2862.8	3149.3	3440.1	3757.5	4081.4	4389.6	4703.5
12.5°	1762.8	2099.7	2412.3	2696.6	3013.0	3324.1	3662.7	4024.3	4398.4	4757.4	5143.0
10°	1851.4	2188.2	2498.1	2804.7	3139.6	3484.5	3864.2	4262.5	4708.9	5134.0	5549.4
7.5°	1927.5	2261.9	2567.0	2892.8	3244.8	3623.9	4036.9	4487.3	4970.3	5443.3	5937.8
5°	1983.1	2312.2	2620.6	2965.1	3325.7	3725.8	4170.1	4651.3	5169.4	5687.7	6176.7
2.5°	2012.5	2340.9	2653.9	3009.9	3373.2	3787.5	4250.2	4760.3	5307.6	5873.1	6355.2
0°	2011.8	2352.9	2666.7	3040.1	3408.1	3806.2	4284.8	4830.1	5364.0	5951.6	6446.6
-2.5°	2012.5	2340.9	2653.9	3009.9	3373.2	3787.5	4250.2	4760.3	5307.6	5873.1	6355.2
-5°	1983.1	2312.2	2620.6	2965.1	3325.7	3725.8	4170.1	4651.3	5169.4	5687.7	6176.7
-7.5°	1927.5	2261.9	2567.0	2892.8	3244.8	3623.9	4036.9	4487.3	4970.3	5443.3	5937.8
-10°	1851.4	2188.2	2498.1	2804.7	3139.6	3484.5	3864.2	4262.5	4708.9	5134.0	5549.4
-12.5°	1762.8	2099.7	2412.3	2696.6	3013.0	3324.1	3662.7	4024.3	4398.4	4757.4	5143.0
-15°	1652.6	1988.9	2297.1	2580.6	2862.8	3149.3	3440.1	3757.5	4081.4	4389.6	4703.5
-17.5°	1497.2	1856.0	2160.2	2443.7	2700.4	2960.1	3220.4	3489.8	3762.1	4019.5	4265.8
-20°	1311.1	1696.7	1999.8	2279.4	2531.6	2760.9	2988.4	3222.9	3448.7	3670.4	3876.3



REPORT NUMBER: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1072.3	1465.2	1812.7	2092.7	2335.4	2555.5	2762.0	2963.1	3158.7	3342.8	3513.8
-25°	808.5	1202.5	1566.1	1868.6	2119.1	2333.3	2527.6	2708.4	2876.5	3027.3	3168.6
-27.5°	588.8	907.1	1267.6	1600.0	1868.4	2096.7	2281.0	2446.3	2596.4	2725.2	2846.7
-30°	388.1	635.4	942.1	1268.0	1563.1	1807.0	2012.4	2179.2	2315.4	2437.7	2540.5
-32.5°	303.6	411.2	637.0	909.1	1205.4	1460.8	1683.1	1858.2	2010.7	2131.0	2224.6
-35°	245.9	304.7	390.2	588.0	803.4	1067.8	1296.0	1478.9	1646.1	1780.3	1881.3
-37.5°	226.3	245.3	291.1	345.4	491.2	652.4	850.4	1044.8	1214.1	1359.0	1479.9
-40°	211.5	224.1	239.8	263.8	309.3	356.0	495.7	620.3	742.7	882.0	1001.4
-42.5°	198.9	208.6	217.3	229.6	243.1	266.4	302.3	335.7	400.1	483.1	552.4
-45°	186.7	194.8	202.5	209.9	216.3	226.4	236.0	244.2	266.0	284.4	298.4
-47.5°	173.8	181.4	188.5	195.1	200.8	206.0	210.4	214.7	221.1	226.1	231.1
-50°	160.4	167.2	173.8	179.6	183.6	188.2	193.4	196.0	197.6	199.4	203.3
-52.5°	146.3	152.0	158.0	162.4	165.4	168.1	170.7	173.5	175.5	176.4	179.9
-55°	131.1	135.9	140.7	144.5	147.3	149.2	151.3	154.5	156.4	157.1	160.7
-57.5°	115.9	119.6	123.2	127.5	130.4	132.1	134.9	138.2	140.8	142.8	145.9
-60°	101.3	104.6	108.2	111.8	114.9	117.5	120.3	123.1	125.7	128.0	130.3
-62.5°	87.0	91.1	93.3	95.9	99.3	102.5	103.6	105.3	107.2	109.5	112.2
-65°	70.3	73.7	76.8	78.4	78.6	80.3	83.0	84.8	85.7	86.4	87.3
-67.5°	58.3	59.7	61.8	63.5	65.2	66.4	67.6	68.5	69.2	70.0	70.9
-70°	48.8	50.4	52.1	53.8	55.4	56.5	57.2	57.8	58.2	57.9	57.7
-72.5°	40.7	42.7	44.2	45.5	46.8	47.7	48.2	48.5	48.8	45.7	41.4
-75°	33.3	35.4	36.6	37.7	38.8	39.4	39.7	39.9	40.0	36.5	32.0
-77.5°	26.9	28.3	29.0	29.7	30.4	30.6	30.8	31.0	31.2	28.3	24.6
-80°	18.6	19.5	20.0	20.5	20.9	20.9	20.7	20.2	19.5	17.8	16.0
-82.5°	11.0	11.2	11.2	11.2	11.1	11.6	12.1	12.5	12.8	11.8	10.7
-85°	4.9	4.8	4.5	4.2	3.8	4.0	4.2	4.4	4.6	4.3	4.0
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	0.9	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: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-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°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.9	1.1	1.0
85°	3.7	3.3	3.3	3.3	3.3	3.3	3.7	4.0	4.3	4.6	4.4
82.5°	9.5	8.2	8.2	8.2	8.2	8.2	9.5	10.7	11.8	12.8	12.5
80°	14.0	12.0	12.3	12.6	12.3	12.0	14.0	16.0	17.8	19.5	20.2
77.5°	20.7	16.5	16.4	16.4	16.4	16.5	20.7	24.6	28.3	31.2	31.0
75°	27.4	22.7	22.5	22.5	22.5	22.7	27.4	32.0	36.5	40.0	39.9
72.5°	37.0	32.5	30.4	28.5	30.4	32.5	37.0	41.4	45.7	48.8	48.5
70°	57.7	57.9	55.8	53.1	55.8	57.9	57.7	57.7	57.9	58.2	57.8
67.5°	71.7	72.3	73.1	73.9	73.1	72.3	71.7	70.9	70.0	69.2	68.5
65°	87.7	87.7	88.0	88.2	88.0	87.7	87.7	87.3	86.4	85.7	84.8
62.5°	114.5	116.3	117.6	118.3	117.6	116.3	114.5	112.2	109.5	107.2	105.3
60°	132.2	133.7	135.9	138.0	135.9	133.7	132.2	130.3	128.0	125.7	123.1
57.5°	148.8	151.4	153.5	155.0	153.5	151.4	148.8	145.9	142.8	140.8	138.2
55°	164.1	167.1	169.9	172.5	169.9	167.1	164.1	160.7	157.1	156.4	154.5
52.5°	183.3	185.7	189.8	194.9	189.8	185.7	183.3	179.9	176.4	175.5	173.5
50°	207.8	211.5	216.7	222.9	216.7	211.5	207.8	203.3	199.4	197.6	196.0
47.5°	236.2	239.9	244.8	251.3	244.8	239.9	236.2	231.1	226.1	221.1	214.7
45°	311.2	319.9	328.0	336.8	328.0	319.9	311.2	298.4	284.4	266.0	244.2
42.5°	608.0	646.3	662.9	653.3	662.9	646.3	608.0	552.4	483.1	400.1	335.7
40°	1092.4	1156.2	1193.8	1206.9	1193.8	1156.2	1092.4	1001.4	882.0	742.7	620.3
37.5°	1568.2	1627.0	1658.7	1662.4	1658.7	1627.0	1568.2	1479.9	1359.0	1214.1	1044.8
35°	1954.3	2002.7	2031.4	2052.9	2031.4	2002.7	1954.3	1881.3	1780.3	1646.1	1478.9
32.5°	2300.9	2356.1	2388.0	2380.9	2388.0	2356.1	2300.9	2224.6	2131.0	2010.7	1858.2
30°	2624.7	2685.0	2722.5	2723.6	2722.5	2685.0	2624.7	2540.5	2437.7	2315.4	2179.2
27.5°	2944.9	3012.6	3051.7	3082.3	3051.7	3012.6	2944.9	2846.7	2725.2	2596.4	2446.3
25°	3286.4	3370.9	3421.0	3451.4	3421.0	3370.9	3286.4	3168.6	3027.3	2876.5	2708.4
22.5°	3654.7	3759.3	3828.0	3856.6	3828.0	3759.3	3654.7	3513.8	3342.8	3158.7	2963.1
20°	4055.3	4184.9	4272.6	4270.0	4272.6	4184.9	4055.3	3876.3	3670.4	3448.7	3222.9
17.5°	4502.3	4669.5	4782.6	4798.9	4782.6	4669.5	4502.3	4265.8	4019.5	3762.1	3489.8
15°	4981.5	5197.0	5343.3	5388.7	5343.3	5197.0	4981.5	4703.5	4389.6	4081.4	3757.5
12.5°	5472.5	5728.9	5924.0	5988.8	5924.0	5728.9	5472.5	5143.0	4757.4	4398.4	4024.3
10°	5940.4	6224.3	6436.1	6529.8	6436.1	6224.3	5940.4	5549.4	5134.0	4708.9	4262.5
7.5°	6331.6	6620.1	6838.2	6915.3	6838.2	6620.1	6331.6	5937.8	5443.3	4970.3	4487.3
5°	6589.3	6904.5	7074.1	7169.4	7074.1	6904.5	6589.3	6176.7	5687.7	5169.4	4651.3
2.5°	6761.4	7028.7	7200.5	7288.2	7200.5	7028.7	6761.4	6355.2	5873.1	5307.6	4760.3
0°	6852.9	7125.0	7251.0	7293.7	7251.0	7125.0	6852.9	6446.6	5951.6	5364.0	4830.1
-2.5°	6761.4	7028.7	7200.5	7288.2	7200.5	7028.7	6761.4	6355.2	5873.1	5307.6	4760.3
-5°	6589.3	6904.5	7074.1	7169.4	7074.1	6904.5	6589.3	6176.7	5687.7	5169.4	4651.3
-7.5°	6331.6	6620.1	6838.2	6915.3	6838.2	6620.1	6331.6	5937.8	5443.3	4970.3	4487.3
-10°	5940.4	6224.3	6436.1	6529.8	6436.1	6224.3	5940.4	5549.4	5134.0	4708.9	4262.5
-12.5°	5472.5	5728.9	5924.0	5988.8	5924.0	5728.9	5472.5	5143.0	4757.4	4398.4	4024.3
-15°	4981.5	5197.0	5343.3	5388.7	5343.3	5197.0	4981.5	4703.5	4389.6	4081.4	3757.5
-17.5°	4502.3	4669.5	4782.6	4798.9	4782.6	4669.5	4502.3	4265.8	4019.5	3762.1	3489.8
-20°	4055.3	4184.9	4272.6	4270.0	4272.6	4184.9	4055.3	3876.3	3670.4	3448.7	3222.9



REPORT NUMBER: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-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°	3654.7	3759.3	3828.0	3856.6	3828.0	3759.3	3654.7	3513.8	3342.8	3158.7	2963.1
-25°	3286.4	3370.9	3421.0	3451.4	3421.0	3370.9	3286.4	3168.6	3027.3	2876.5	2708.4
-27.5°	2944.9	3012.6	3051.7	3082.3	3051.7	3012.6	2944.9	2846.7	2725.2	2596.4	2446.3
-30°	2624.7	2685.0	2722.5	2723.6	2722.5	2685.0	2624.7	2540.5	2437.7	2315.4	2179.2
-32.5°	2300.9	2356.1	2388.0	2380.9	2388.0	2356.1	2300.9	2224.6	2131.0	2010.7	1858.2
-35°	1954.3	2002.7	2031.4	2052.9	2031.4	2002.7	1954.3	1881.3	1780.3	1646.1	1478.9
-37.5°	1568.2	1627.0	1658.7	1662.4	1658.7	1627.0	1568.2	1479.9	1359.0	1214.1	1044.8
-40°	1092.4	1156.2	1193.8	1206.9	1193.8	1156.2	1092.4	1001.4	882.0	742.7	620.3
-42.5°	608.0	646.3	662.9	653.3	662.9	646.3	608.0	552.4	483.1	400.1	335.7
-45°	311.2	319.9	328.0	336.8	328.0	319.9	311.2	298.4	284.4	266.0	244.2
-47.5°	236.2	239.9	244.8	251.3	244.8	239.9	236.2	231.1	226.1	221.1	214.7
-50°	207.8	211.5	216.7	222.9	216.7	211.5	207.8	203.3	199.4	197.6	196.0
-52.5°	183.3	185.7	189.8	194.9	189.8	185.7	183.3	179.9	176.4	175.5	173.5
-55°	164.1	167.1	169.9	172.5	169.9	167.1	164.1	160.7	157.1	156.4	154.5
-57.5°	148.8	151.4	153.5	155.0	153.5	151.4	148.8	145.9	142.8	140.8	138.2
-60°	132.2	133.7	135.9	138.0	135.9	133.7	132.2	130.3	128.0	125.7	123.1
-62.5°	114.5	116.3	117.6	118.3	117.6	116.3	114.5	112.2	109.5	107.2	105.3
-65°	87.7	87.7	88.0	88.2	88.0	87.7	87.7	87.3	86.4	85.7	84.8
-67.5°	71.7	72.3	73.1	73.9	73.1	72.3	71.7	70.9	70.0	69.2	68.5
-70°	57.7	57.9	55.8	53.1	55.8	57.9	57.7	57.7	57.9	58.2	57.8
-72.5°	37.0	32.5	30.4	28.5	30.4	32.5	37.0	41.4	45.7	48.8	48.5
-75°	27.4	22.7	22.5	22.5	22.5	22.7	27.4	32.0	36.5	40.0	39.9
-77.5°	20.7	16.5	16.4	16.4	16.4	16.5	20.7	24.6	28.3	31.2	31.0
-80°	14.0	12.0	12.3	12.6	12.3	12.0	14.0	16.0	17.8	19.5	20.2
-82.5°	9.5	8.2	8.2	8.2	8.2	8.2	9.5	10.7	11.8	12.8	12.5
-85°	3.7	3.3	3.3	3.3	3.3	3.3	3.7	4.0	4.3	4.6	4.4
-87.5°	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.8	0.9	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: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-MWR-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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	4.2	4.0	3.8	4.2	4.5	4.8	4.9	4.4	3.9	3.4	2.9
82.5°	12.1	11.6	11.1	11.2	11.2	11.2	11.0	9.7	8.4	7.2	6.3
80°	20.7	20.9	20.9	20.5	20.0	19.5	18.6	16.2	14.0	12.0	10.7
77.5°	30.8	30.6	30.4	29.7	29.0	28.3	26.9	23.3	19.8	16.7	15.0
75°	39.7	39.4	38.8	37.7	36.6	35.4	33.3	29.8	26.0	22.1	20.1
72.5°	48.2	47.7	46.8	45.5	44.2	42.7	40.7	37.6	33.7	29.1	26.8
70°	57.2	56.5	55.4	53.8	52.1	50.4	48.8	46.5	43.4	39.4	37.1
67.5°	67.6	66.4	65.2	63.5	61.8	59.7	58.3	56.4	54.0	50.7	48.1
65°	83.0	80.3	78.6	78.4	76.8	73.7	70.3	68.1	65.8	62.7	59.2
62.5°	103.6	102.5	99.3	95.9	93.3	91.1	87.0	82.4	78.5	74.9	70.7
60°	120.3	117.5	114.9	111.8	108.2	104.6	101.3	96.8	91.3	86.8	82.2
57.5°	134.9	132.1	130.4	127.5	123.2	119.6	115.9	111.4	106.0	99.5	93.7
55°	151.3	149.2	147.3	144.5	140.7	135.9	131.1	126.2	120.2	112.3	105.3
52.5°	170.7	168.1	165.4	162.4	158.0	152.0	146.3	140.6	133.5	125.1	116.5
50°	193.4	188.2	183.6	179.6	173.8	167.2	160.4	154.0	145.6	136.9	128.0
47.5°	210.4	206.0	200.8	195.1	188.5	181.4	173.8	165.8	157.0	147.9	138.5
45°	236.0	226.4	216.3	209.9	202.5	194.8	186.7	177.5	168.0	158.4	148.4
42.5°	302.3	266.4	243.1	229.6	217.3	208.6	198.9	188.9	178.8	168.5	158.0
40°	495.7	356.0	309.3	263.8	239.8	224.1	211.5	199.9	189.1	178.2	167.2
37.5°	850.4	652.4	491.2	345.4	291.1	245.3	226.3	211.3	199.0	187.6	176.0
35°	1296.0	1067.8	803.4	588.0	390.2	304.7	245.9	224.8	209.1	196.8	184.5
32.5°	1683.1	1460.8	1205.4	909.1	637.0	411.2	303.6	242.7	220.3	205.8	192.8
30°	2012.4	1807.0	1563.1	1268.0	942.1	635.4	388.1	288.8	236.9	214.4	200.7
27.5°	2281.0	2096.7	1868.4	1600.0	1267.6	907.1	588.8	346.2	261.9	227.3	208.2
25°	2527.6	2333.3	2119.1	1868.6	1566.1	1202.5	808.5	497.1	310.9	241.2	215.2
22.5°	2762.0	2555.5	2335.4	2092.7	1812.7	1465.2	1072.3	665.1	360.5	266.1	226.0
20°	2988.4	2760.9	2531.6	2279.4	1999.8	1696.7	1311.1	866.4	501.9	304.1	236.3
17.5°	3220.4	2960.1	2700.4	2443.7	2160.2	1856.0	1497.2	1068.8	624.8	338.3	245.2
15°	3440.1	3149.3	2862.8	2580.6	2297.1	1988.9	1652.6	1249.1	746.8	407.4	270.5
12.5°	3662.7	3324.1	3013.0	2696.6	2412.3	2099.7	1762.8	1372.2	889.9	492.1	295.6
10°	3864.2	3484.5	3139.6	2804.7	2498.1	2188.2	1851.4	1471.1	1007.6	561.7	316.2
7.5°	4036.9	3623.9	3244.8	2892.8	2567.0	2261.9	1927.5	1550.0	1096.3	615.5	332.3
5°	4170.1	3725.8	3325.7	2965.1	2620.6	2312.2	1983.1	1607.4	1156.0	653.3	343.8
2.5°	4250.2	3787.5	3373.2	3009.9	2653.9	2340.9	2012.5	1644.2	1194.0	677.6	352.4
0°	4284.8	3806.2	3408.1	3040.1	2666.7	2352.9	2011.8	1658.1	1207.9	686.7	356.5
-2.5°	4250.2	3787.5	3373.2	3009.9	2653.9	2340.9	2012.5	1644.2	1194.0	677.6	352.4
-5°	4170.1	3725.8	3325.7	2965.1	2620.6	2312.2	1983.1	1607.4	1156.0	653.3	343.8
-7.5°	4036.9	3623.9	3244.8	2892.8	2567.0	2261.9	1927.5	1550.0	1096.3	615.5	332.3
-10°	3864.2	3484.5	3139.6	2804.7	2498.1	2188.2	1851.4	1471.1	1007.6	561.7	316.2
-12.5°	3662.7	3324.1	3013.0	2696.6	2412.3	2099.7	1762.8	1372.2	889.9	492.1	295.6
-15°	3440.1	3149.3	2862.8	2580.6	2297.1	1988.9	1652.6	1249.1	746.8	407.4	270.5
-17.5°	3220.4	2960.1	2700.4	2443.7	2160.2	1856.0	1497.2	1068.8	624.8	338.3	245.2
-20°	2988.4	2760.9	2531.6	2279.4	1999.8	1696.7	1311.1	866.4	501.9	304.1	236.3



REPORT NUMBER: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2762.0	2555.5	2335.4	2092.7	1812.7	1465.2	1072.3	665.1	360.5	266.1	226.0
-25°	2527.6	2333.3	2119.1	1868.6	1566.1	1202.5	808.5	497.1	310.9	241.2	215.2
-27.5°	2281.0	2096.7	1868.4	1600.0	1267.6	907.1	588.8	346.2	261.9	227.3	208.2
-30°	2012.4	1807.0	1563.1	1268.0	942.1	635.4	388.1	288.8	236.9	214.4	200.7
-32.5°	1683.1	1460.8	1205.4	909.1	637.0	411.2	303.6	242.7	220.3	205.8	192.8
-35°	1296.0	1067.8	803.4	588.0	390.2	304.7	245.9	224.8	209.1	196.8	184.5
-37.5°	850.4	652.4	491.2	345.4	291.1	245.3	226.3	211.3	199.0	187.6	176.0
-40°	495.7	356.0	309.3	263.8	239.8	224.1	211.5	199.9	189.1	178.2	167.2
-42.5°	302.3	266.4	243.1	229.6	217.3	208.6	198.9	188.9	178.8	168.5	158.0
-45°	236.0	226.4	216.3	209.9	202.5	194.8	186.7	177.5	168.0	158.4	148.4
-47.5°	210.4	206.0	200.8	195.1	188.5	181.4	173.8	165.8	157.0	147.9	138.5
-50°	193.4	188.2	183.6	179.6	173.8	167.2	160.4	154.0	145.6	136.9	128.0
-52.5°	170.7	168.1	165.4	162.4	158.0	152.0	146.3	140.6	133.5	125.1	116.5
-55°	151.3	149.2	147.3	144.5	140.7	135.9	131.1	126.2	120.2	112.3	105.3
-57.5°	134.9	132.1	130.4	127.5	123.2	119.6	115.9	111.4	106.0	99.5	93.7
-60°	120.3	117.5	114.9	111.8	108.2	104.6	101.3	96.8	91.3	86.8	82.2
-62.5°	103.6	102.5	99.3	95.9	93.3	91.1	87.0	82.4	78.5	74.9	70.7
-65°	83.0	80.3	78.6	78.4	76.8	73.7	70.3	68.1	65.8	62.7	59.2
-67.5°	67.6	66.4	65.2	63.5	61.8	59.7	58.3	56.4	54.0	50.7	48.1
-70°	57.2	56.5	55.4	53.8	52.1	50.4	48.8	46.5	43.4	39.4	37.1
-72.5°	48.2	47.7	46.8	45.5	44.2	42.7	40.7	37.6	33.7	29.1	26.8
-75°	39.7	39.4	38.8	37.7	36.6	35.4	33.3	29.8	26.0	22.1	20.1
-77.5°	30.8	30.6	30.4	29.7	29.0	28.3	26.9	23.3	19.8	16.7	15.0
-80°	20.7	20.9	20.9	20.5	20.0	19.5	18.6	16.2	14.0	12.0	10.7
-82.5°	12.1	11.6	11.1	11.2	11.2	11.2	11.0	9.7	8.4	7.2	6.3
-85°	4.2	4.0	3.8	4.2	4.5	4.8	4.9	4.4	3.9	3.4	2.9
-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: P558605 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-935-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	1.3	1.4	1.4	1.4	1.3	1.2	1.1
85°	3.1	3.2	3.3	3.2	3.0	2.8	2.8	2.8	2.6	2.4	2.2
82.5°	6.6	6.8	7.0	7.0	6.5	6.1	5.6	5.1	4.5	3.7	3.3
80°	11.3	11.7	11.8	11.5	10.4	9.3	8.6	7.9	7.3	6.5	5.4
77.5°	16.1	16.8	17.1	16.8	15.3	13.8	12.3	10.9	10.1	9.2	8.0
75°	21.1	22.1	22.8	22.4	20.5	18.2	16.3	14.7	13.5	12.0	10.6
72.5°	27.3	27.8	28.4	28.3	26.7	24.3	21.2	18.5	17.2	15.5	13.4
70°	35.7	34.1	33.7	33.5	32.5	30.7	27.6	24.0	20.9	19.0	16.6
67.5°	45.9	43.8	41.5	39.2	38.0	36.3	33.9	29.6	25.7	22.5	19.9
65°	56.0	53.2	50.5	47.0	44.2	42.0	39.5	35.0	30.2	26.2	23.1
62.5°	66.4	62.2	58.5	54.5	50.8	47.7	45.1	39.9	34.6	29.8	26.1
60°	77.2	72.1	66.6	61.8	57.3	53.2	49.6	44.8	39.0	33.1	28.8
57.5°	88.3	82.3	75.5	69.2	63.8	58.8	53.9	49.0	43.3	36.9	31.2
55°	99.1	92.6	84.4	76.9	70.4	64.6	58.5	52.9	47.5	40.7	32.9
52.5°	108.8	102.0	93.9	84.8	76.9	70.2	63.4	56.8	50.9	44.4	35.3
50°	118.6	110.2	102.5	93.5	83.5	75.7	68.2	61.0	54.3	47.9	37.5
47.5°	128.9	119.0	110.0	101.6	91.4	81.0	73.0	65.2	57.6	50.8	39.4
45°	138.4	128.2	117.8	108.4	98.7	87.2	77.7	69.2	61.2	52.3	41.1
42.5°	147.4	136.7	125.8	115.1	104.9	93.3	82.2	73.3	64.6	53.5	42.3
40°	156.0	144.7	133.4	122.1	111.1	98.8	87.2	77.2	67.7	54.5	43.0
37.5°	164.2	152.3	140.4	128.9	117.3	104.6	91.8	81.0	69.2	55.6	43.6
35°	172.0	159.6	147.5	135.4	123.3	110.4	95.8	84.6	71.4	56.6	43.9
32.5°	179.5	166.6	154.2	141.7	128.9	116.3	100.5	87.9	74.1	57.4	43.9
30°	186.9	173.5	160.5	147.6	134.2	121.2	105.6	91.2	77.2	58.0	43.9
27.5°	193.9	179.9	166.4	153.1	139.3	125.7	110.7	94.4	80.7	59.1	44.2
25°	200.4	185.8	171.8	158.1	144.2	130.0	115.4	97.5	83.7	61.5	44.4
22.5°	206.3	191.2	176.7	162.7	148.9	134.1	119.3	101.4	86.1	63.9	44.3
20°	211.7	196.0	181.4	167.6	153.2	138.1	122.7	104.9	88.4	66.5	44.1
17.5°	217.1	201.0	186.7	172.2	157.2	141.7	125.8	108.0	90.5	69.0	43.7
15°	225.7	206.4	191.5	176.5	160.8	144.9	128.6	110.7	92.4	71.4	43.5
12.5°	233.4	211.3	195.8	180.5	164.2	147.8	131.2	113.1	94.1	73.0	43.7
10°	239.9	215.5	199.6	184.1	167.2	150.2	133.5	115.1	95.5	73.7	43.6
7.5°	245.2	219.2	203.0	187.3	170.0	152.5	135.6	116.8	96.9	73.7	43.3
5°	249.7	223.2	207.1	190.9	173.3	154.8	137.3	118.1	98.1	73.2	42.7
2.5°	254.9	228.0	211.6	194.0	176.1	156.7	138.7	118.9	99.1	72.2	42.0
0°	259.0	232.2	215.7	196.6	178.5	158.2	139.6	119.4	99.7	70.6	41.1
-2.5°	254.9	228.0	211.6	194.0	176.1	156.7	138.7	118.9	99.1	72.2	42.0
-5°	249.7	223.2	207.1	190.9	173.3	154.8	137.3	118.1	98.1	73.2	42.7
-7.5°	245.2	219.2	203.0	187.3	170.0	152.5	135.6	116.8	96.9	73.7	43.3
-10°	239.9	215.5	199.6	184.1	167.2	150.2	133.5	115.1	95.5	73.7	43.6
-12.5°	233.4	211.3	195.8	180.5	164.2	147.8	131.2	113.1	94.1	73.0	43.7
-15°	225.7	206.4	191.5	176.5	160.8	144.9	128.6	110.7	92.4	71.4	43.5
-17.5°	217.1	201.0	186.7	172.2	157.2	141.7	125.8	108.0	90.5	69.0	43.7
-20°	211.7	196.0	181.4	167.6	153.2	138.1	122.7	104.9	88.4	66.5	44.1



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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°	206.3	191.2	176.7	162.7	148.9	134.1	119.3	101.4	86.1	63.9	44.3
-25°	200.4	185.8	171.8	158.1	144.2	130.0	115.4	97.5	83.7	61.5	44.4
-27.5°	193.9	179.9	166.4	153.1	139.3	125.7	110.7	94.4	80.7	59.1	44.2
-30°	186.9	173.5	160.5	147.6	134.2	121.2	105.6	91.2	77.2	58.0	43.9
-32.5°	179.5	166.6	154.2	141.7	128.9	116.3	100.5	87.9	74.1	57.4	43.9
-35°	172.0	159.6	147.5	135.4	123.3	110.4	95.8	84.6	71.4	56.6	43.9
-37.5°	164.2	152.3	140.4	128.9	117.3	104.6	91.8	81.0	69.2	55.6	43.6
-40°	156.0	144.7	133.4	122.1	111.1	98.8	87.2	77.2	67.7	54.5	43.0
-42.5°	147.4	136.7	125.8	115.1	104.9	93.3	82.2	73.3	64.6	53.5	42.3
-45°	138.4	128.2	117.8	108.4	98.7	87.2	77.7	69.2	61.2	52.3	41.1
-47.5°	128.9	119.0	110.0	101.6	91.4	81.0	73.0	65.2	57.6	50.8	39.4
-50°	118.6	110.2	102.5	93.5	83.5	75.7	68.2	61.0	54.3	47.9	37.5
-52.5°	108.8	102.0	93.9	84.8	76.9	70.2	63.4	56.8	50.9	44.4	35.3
-55°	99.1	92.6	84.4	76.9	70.4	64.6	58.5	52.9	47.5	40.7	32.9
-57.5°	88.3	82.3	75.5	69.2	63.8	58.8	53.9	49.0	43.3	36.9	31.2
-60°	77.2	72.1	66.6	61.8	57.3	53.2	49.6	44.8	39.0	33.1	28.8
-62.5°	66.4	62.2	58.5	54.5	50.8	47.7	45.1	39.9	34.6	29.8	26.1
-65°	56.0	53.2	50.5	47.0	44.2	42.0	39.5	35.0	30.2	26.2	23.1
-67.5°	45.9	43.8	41.5	39.2	38.0	36.3	33.9	29.6	25.7	22.5	19.9
-70°	35.7	34.1	33.7	33.5	32.5	30.7	27.6	24.0	20.9	19.0	16.6
-72.5°	27.3	27.8	28.4	28.3	26.7	24.3	21.2	18.5	17.2	15.5	13.4
-75°	21.1	22.1	22.8	22.4	20.5	18.2	16.3	14.7	13.5	12.0	10.6
-77.5°	16.1	16.8	17.1	16.8	15.3	13.8	12.3	10.9	10.1	9.2	8.0
-80°	11.3	11.7	11.8	11.5	10.4	9.3	8.6	7.9	7.3	6.5	5.4
-82.5°	6.6	6.8	7.0	7.0	6.5	6.1	5.6	5.1	4.5	3.7	3.3
-85°	3.1	3.2	3.3	3.2	3.0	2.8	2.8	2.8	2.6	2.4	2.2
-87.5°	0.9	1.1	1.2	1.3	1.3	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	1.5	1.1	0.8	0.5	0.2	0.0
82.5°	2.9	2.3	1.7	1.2	0.7	0.4	0.0
80°	4.1	3.0	2.2	1.5	0.9	0.5	0.0
77.5°	6.4	4.1	2.8	1.9	1.2	0.6	0.0
75°	8.7	5.9	3.5	2.3	1.4	0.7	0.0
72.5°	10.9	7.6	4.7	2.6	1.6	0.8	0.0
70°	13.1	9.3	6.0	3.1	1.8	0.9	0.0
67.5°	15.7	11.0	7.2	3.9	2.1	1.0	0.0
65°	18.2	12.7	8.4	4.8	2.3	1.1	0.0
62.5°	20.6	14.6	9.6	5.6	2.5	1.2	0.0
60°	22.9	16.3	10.6	6.3	2.7	1.3	0.0
57.5°	24.4	18.0	11.9	7.1	3.2	1.5	0.0
55°	25.7	19.6	13.1	7.8	3.7	1.5	0.0
52.5°	26.8	20.9	14.2	8.5	4.1	1.6	0.0
50°	27.7	21.6	15.2	9.1	4.5	1.7	0.0
47.5°	28.6	22.2	16.2	9.7	5.0	1.8	0.0
45°	30.0	22.6	17.1	10.3	5.4	1.9	0.0
42.5°	31.2	22.8	17.9	10.9	5.7	2.0	0.0
40°	32.1	23.0	18.3	11.6	6.1	2.1	0.0
37.5°	32.9	23.0	18.4	12.2	6.5	2.1	0.0
35°	33.4	23.3	18.3	12.9	6.8	2.2	0.0
32.5°	33.6	23.6	18.2	13.5	7.1	2.3	0.0
30°	33.6	23.8	18.1	14.1	7.3	2.3	0.0
27.5°	33.4	23.9	18.2	14.6	7.6	2.4	0.0
25°	33.0	23.8	18.5	15.2	7.8	2.4	0.0
22.5°	32.5	23.9	18.6	15.7	8.0	2.5	0.0
20°	31.8	24.5	18.8	16.2	8.2	2.5	0.0
17.5°	31.9	25.0	18.9	16.6	8.4	2.6	0.0
15°	32.3	25.5	19.0	17.1	8.5	2.6	0.0
12.5°	32.7	25.9	19.1	17.4	8.6	2.6	0.0
10°	33.0	26.2	19.1	17.8	8.7	2.7	0.0
7.5°	33.2	26.5	19.2	18.0	8.8	2.7	0.0
5°	33.4	26.7	19.2	18.3	8.8	2.7	0.0
2.5°	33.4	26.8	19.2	18.5	8.8	2.7	0.0
0°	33.4	26.8	19.2	18.5	8.8	2.7	0.0
-2.5°	33.4	26.8	19.2	18.5	8.8	2.7	0.0
-5°	33.4	26.7	19.2	18.3	8.8	2.7	0.0
-7.5°	33.2	26.5	19.2	18.0	8.8	2.7	0.0
-10°	33.0	26.2	19.1	17.8	8.7	2.7	0.0
-12.5°	32.7	25.9	19.1	17.4	8.6	2.6	0.0
-15°	32.3	25.5	19.0	17.1	8.5	2.6	0.0
-17.5°	31.9	25.0	18.9	16.6	8.4	2.6	0.0
-20°	31.8	24.5	18.8	16.2	8.2	2.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.5	23.9	18.6	15.7	8.0	2.5	0.0
-25°	33.0	23.8	18.5	15.2	7.8	2.4	0.0
-27.5°	33.4	23.9	18.2	14.6	7.6	2.4	0.0
-30°	33.6	23.8	18.1	14.1	7.3	2.3	0.0
-32.5°	33.6	23.6	18.2	13.5	7.1	2.3	0.0
-35°	33.4	23.3	18.3	12.9	6.8	2.2	0.0
-37.5°	32.9	23.0	18.4	12.2	6.5	2.1	0.0
-40°	32.1	23.0	18.3	11.6	6.1	2.1	0.0
-42.5°	31.2	22.8	17.9	10.9	5.7	2.0	0.0
-45°	30.0	22.6	17.1	10.3	5.4	1.9	0.0
-47.5°	28.6	22.2	16.2	9.7	5.0	1.8	0.0
-50°	27.7	21.6	15.2	9.1	4.5	1.7	0.0
-52.5°	26.8	20.9	14.2	8.5	4.1	1.6	0.0
-55°	25.7	19.6	13.1	7.8	3.7	1.5	0.0
-57.5°	24.4	18.0	11.9	7.1	3.2	1.5	0.0
-60°	22.9	16.3	10.6	6.3	2.7	1.3	0.0
-62.5°	20.6	14.6	9.6	5.6	2.5	1.2	0.0
-65°	18.2	12.7	8.4	4.8	2.3	1.1	0.0
-67.5°	15.7	11.0	7.2	3.9	2.1	1.0	0.0
-70°	13.1	9.3	6.0	3.1	1.8	0.9	0.0
-72.5°	10.9	7.6	4.7	2.6	1.6	0.8	0.0
-75°	8.7	5.9	3.5	2.3	1.4	0.7	0.0
-77.5°	6.4	4.1	2.8	1.9	1.2	0.6	0.0
-80°	4.1	3.0	2.2	1.5	0.9	0.5	0.0
-82.5°	2.9	2.3	1.7	1.2	0.7	0.4	0.0
-85°	2.0	1.5	1.1	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)