

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-727-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14305.4 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 145008.4 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 4566.9 lumens
Beam Efficiency: 31.9%

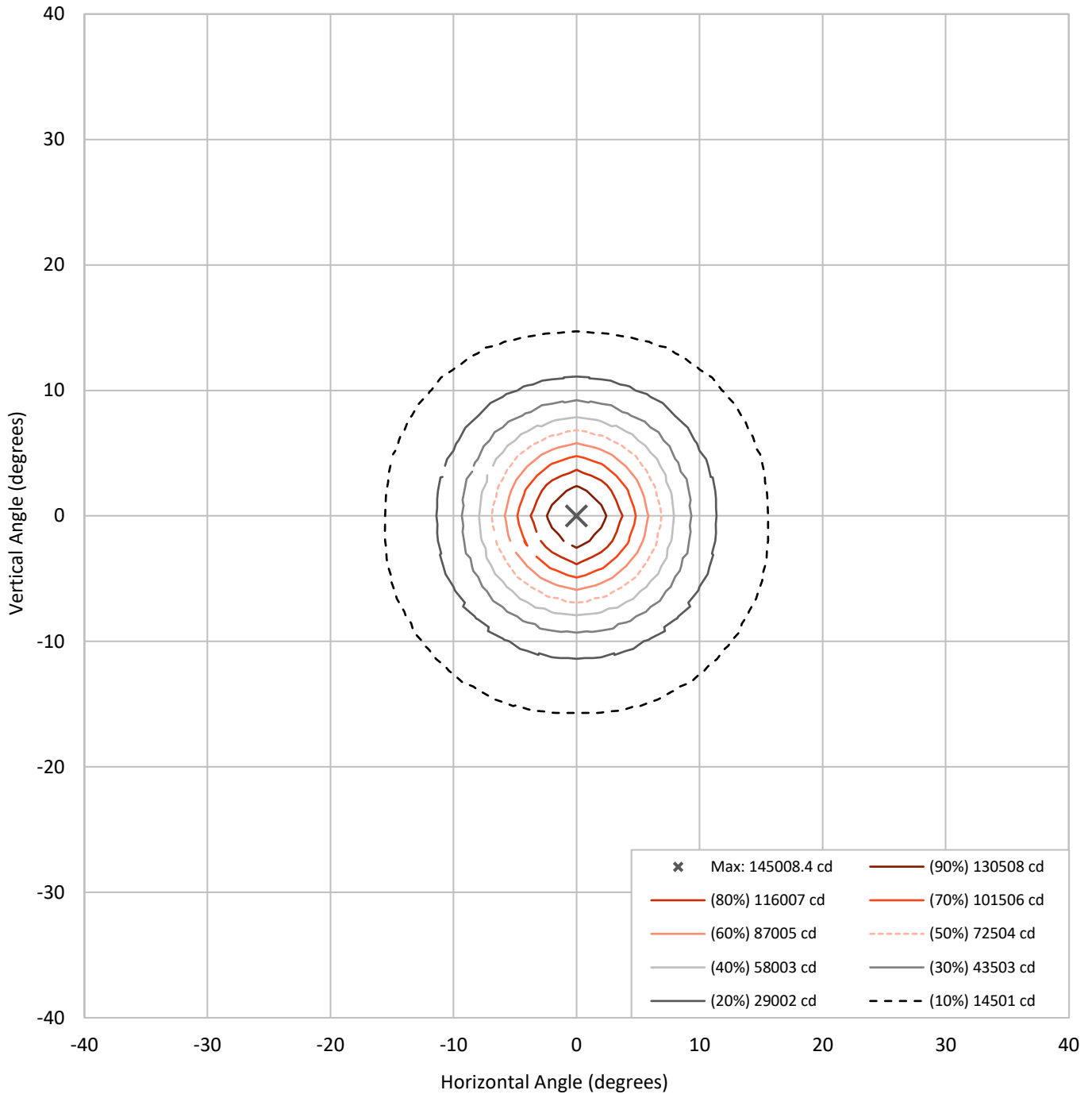
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 10172 lumens
Field Efficiency: 71.1%

Input Watts (W): 121.7
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





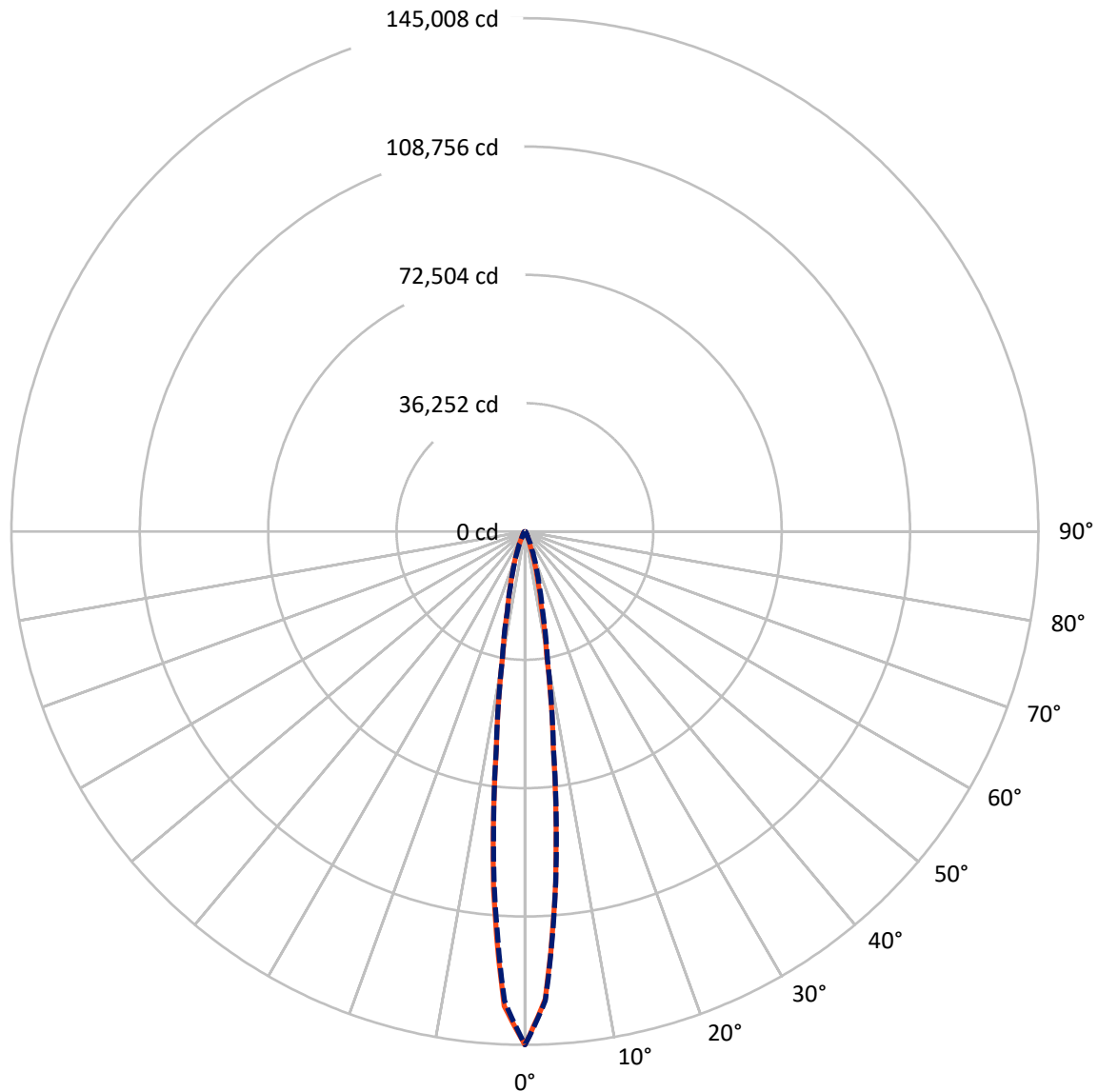
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
50		0.0	0.1	0.4	0.8	1.3	1.7	2.0	2.0	1.7	1.3	0.8	0.4	0.1	0.0				
40	0.1	0.1	0.4	1.2	2.3	3.4	4.8	5.7	5.7	4.8	3.4	2.3	1.2	0.4	0.1	0.1	0.1	0.1	
30		0.2	1.0	2.4	4.3	6.8	11.6	14.8	14.8	11.6	6.8	4.3	2.4	1.0	0.2				
20	0.1	0.4	1.6	3.7	6.7	14.6	38.9	64.4	64.4	38.9	14.6	6.7	3.7	1.6	0.4	0.1	0.1	0.1	
10		0.6	2.2	5.1	11.1	43.5	183.4	403.1	403.1	183.4	43.5	11.1	5.1	2.2	0.6				
0	0.2	0.8	2.7	6.0	15.0	81.7	439.4	1970.7	1970.7	439.4	81.7	15.0	6.0	2.7	0.8	0.2	0.2	0.2	
-10		0.9	2.9	6.3	16.1	87.0	454.8	2004.1	2004.1	454.8	87.0	16.1	6.3	2.9	0.9				
-20	0.3	0.9	3.0	6.2	14.2	55.4	220.8	472.2	472.2	220.8	55.4	14.2	6.2	3.0	0.9	0.3	0.3	0.3	
-30		0.9	2.8	5.7	10.9	25.9	68.0	113.4	113.4	68.0	25.9	10.9	5.7	2.8	0.9				
-40	0.3	0.8	2.5	5.0	8.6	14.2	23.1	29.4	29.4	23.1	14.2	8.6	5.0	2.5	0.8	0.3	0.3	0.3	
-50		0.6	2.1	4.2	6.9	9.9	13.3	14.9	14.9	13.3	9.9	6.9	4.2	2.1	0.6				
-60	0.2	0.5	1.6	3.3	5.4	7.6	9.6	10.5	10.5	9.6	7.6	5.4	3.3	1.6	0.5	0.2	0.2	0.2	
-70		0.3	1.0	2.1	3.7	5.3	6.7	7.4	7.4	6.7	5.3	3.7	2.1	1.0	0.3				
-80	0.1	0.9	3.6	7.9	10.0	7.9	3.6	0.9	0.1										
-90																			
	-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

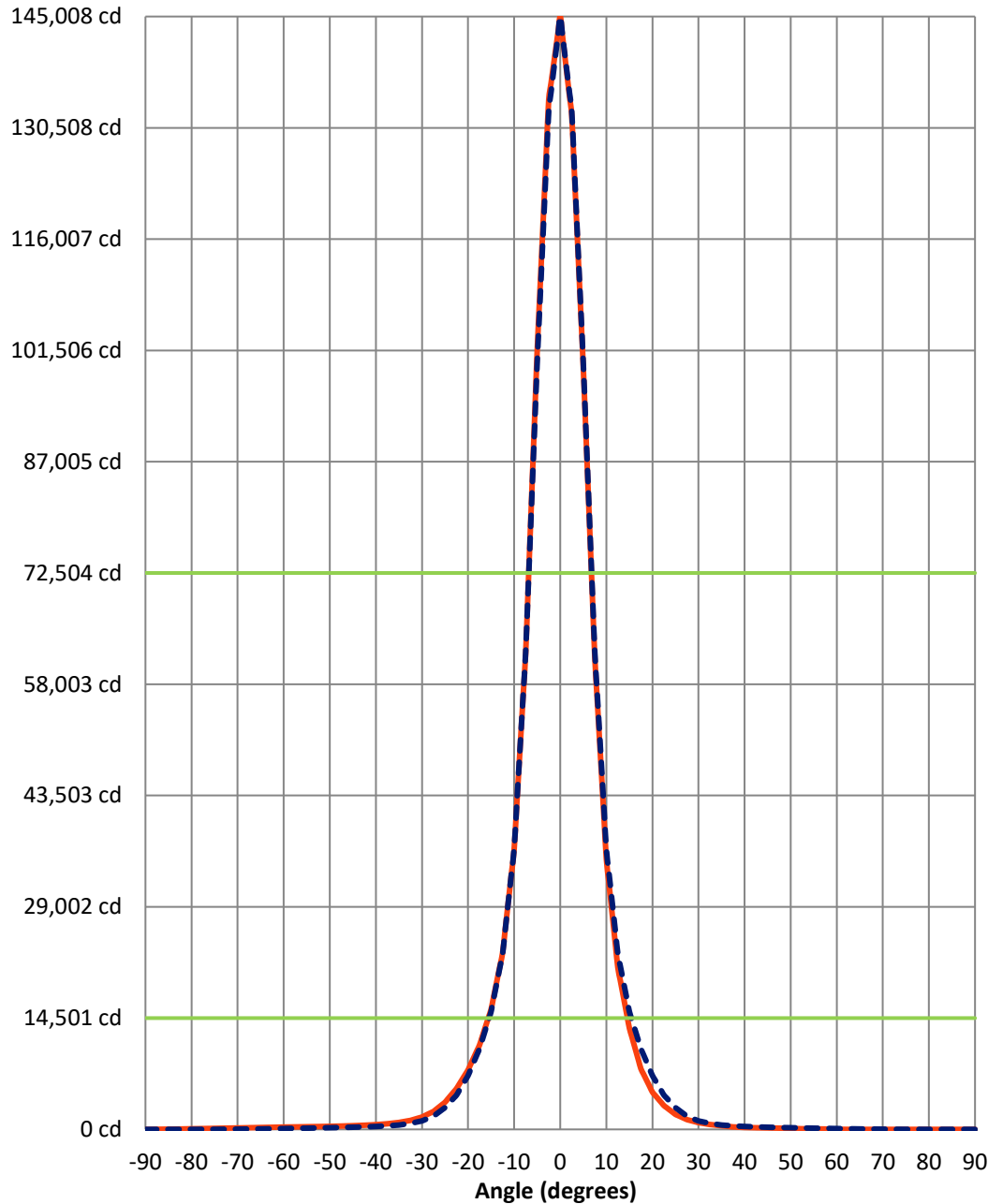


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4566.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 10172
 Efficiency: 71.1%

Spill:
 Lumens: 4133.3
 Efficiency: 28.9%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.3	0.5	0.2	0.2	0.7	0.7	0.3
70°	0.0	0.6	0.1	0.1	0.6	0.7	0.4	1.0	1.3	1.2	0.4
67.5°	0.0	0.6	0.2	0.4	0.9	1.0	1.1	1.7	2.0	1.3	0.5
65°	0.0	0.7	0.2	0.7	1.3	1.3	1.8	2.6	2.1	1.4	0.9
62.5°	0.0	0.8	0.3	1.0	1.6	1.8	2.4	2.9	2.2	1.6	1.9
60°	0.0	0.9	0.4	1.3	1.9	2.2	3.0	3.0	2.3	2.2	2.8
57.5°	0.0	1.0	0.7	1.6	2.2	2.5	3.1	3.1	2.6	2.8	3.1
55°	0.0	1.0	0.9	2.0	2.4	2.9	3.1	3.1	2.9	3.1	3.1
52.5°	0.0	1.1	1.2	2.3	2.6	3.1	3.1	3.1	3.0	3.1	3.1
50°	0.0	1.2	1.4	2.7	2.7	3.1	3.1	3.1	3.1	3.1	3.6
47.5°	0.0	1.3	1.6	2.9	2.9	3.1	3.1	3.1	3.1	3.1	4.2
45°	0.0	1.4	1.8	3.0	3.0	3.1	3.1	3.1	3.2	3.8	5.0
42.5°	0.0	1.5	2.0	3.1	3.1	3.1	3.1	3.2	3.4	4.7	6.8
40°	0.0	1.6	2.2	3.1	3.1	3.1	3.1	3.4	3.9	5.6	8.7
37.5°	0.0	1.7	2.3	3.1	3.1	3.1	3.1	3.7	5.0	7.1	10.8
35°	0.0	1.8	2.5	3.1	3.1	3.1	3.1	4.1	6.1	9.0	13.3
32.5°	0.0	1.9	2.6	3.1	3.1	3.1	3.2	4.5	7.3	10.9	16.4
30°	0.0	2.0	2.7	3.1	3.1	3.1	3.5	5.1	8.5	12.7	19.9
27.5°	0.0	2.1	2.8	3.1	3.1	3.1	3.8	6.1	9.9	14.5	23.6
25°	0.0	2.2	2.9	3.1	3.1	3.1	4.2	7.1	11.3	17.0	27.5
22.5°	0.0	2.3	2.9	3.1	3.1	3.2	4.6	8.1	12.7	20.1	32.2
20°	0.0	2.4	3.0	3.1	3.1	3.4	4.9	9.1	14.1	23.2	36.6
17.5°	0.0	2.5	3.0	3.1	3.1	3.6	5.5	10.0	15.3	26.4	40.5
15°	0.0	2.6	3.0	3.1	3.1	4.0	6.1	11.0	16.4	29.5	44.1
12.5°	0.0	2.7	3.1	3.1	3.1	4.3	6.7	11.9	18.0	32.5	47.3
10°	0.0	2.8	3.1	3.1	3.1	4.6	7.3	12.7	20.0	35.3	50.2
7.5°	0.0	2.9	3.1	3.1	3.1	5.0	7.8	13.5	22.0	37.8	52.6
5°	0.0	3.0	3.1	3.1	3.1	5.4	8.3	14.2	23.9	39.8	54.8
2.5°	0.0	3.0	3.1	3.1	3.1	5.8	8.8	14.8	25.8	41.6	56.7
0°	0.0	3.1	3.1	3.1	3.1	6.1	9.2	15.3	27.6	43.0	58.3
-2.5°	0.0	3.1	3.1	3.1	3.4	6.4	10.0	16.2	29.2	44.1	60.3
-5°	0.0	3.1	3.1	3.1	3.6	6.7	10.7	17.1	30.5	45.0	61.9
-7.5°	0.0	3.1	3.1	3.1	3.9	7.0	11.4	17.8	31.6	45.7	63.1
-10°	0.0	3.1	3.1	3.1	4.1	7.2	12.0	18.5	32.4	46.2	63.9
-12.5°	0.0	3.0	3.1	3.1	4.3	7.4	12.5	19.1	32.9	46.6	65.1
-15°	0.0	3.0	3.1	3.1	4.5	7.6	12.9	19.6	33.0	47.6	66.2
-17.5°	0.0	3.0	3.1	3.1	4.6	7.7	13.2	20.0	32.8	48.0	66.7
-20°	0.0	2.9	3.1	3.1	4.7	7.8	13.3	20.4	32.4	48.0	66.6

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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	2.9	3.1	3.1	4.7	7.9	13.5	20.7	31.6	47.5	65.8
-25°	0.0	2.8	3.1	3.1	4.7	8.1	13.6	20.8	30.7	46.4	64.4
-27.5°	0.0	2.7	3.1	3.1	4.6	8.3	13.6	20.7	29.4	44.8	63.0
-30°	0.0	2.7	3.1	3.1	4.5	8.4	13.5	20.4	28.8	43.2	60.9
-32.5°	0.0	2.6	3.1	3.1	4.5	8.5	13.4	20.2	28.4	41.2	58.0
-35°	0.0	2.5	3.1	3.1	4.5	8.5	13.4	20.0	27.8	39.0	54.3
-37.5°	0.0	2.5	3.1	3.1	4.3	8.4	13.3	19.6	27.0	36.6	52.2
-40°	0.0	2.4	3.1	3.1	4.2	8.2	13.1	19.1	26.0	35.0	50.3
-42.5°	0.0	2.3	3.1	3.1	4.2	8.0	12.8	18.6	25.2	34.3	47.9
-45°	0.0	2.2	3.1	3.2	4.3	7.7	12.4	18.0	24.5	33.3	45.3
-47.5°	0.0	2.1	3.1	3.3	4.3	7.3	11.9	17.4	23.6	31.8	43.6
-50°	0.0	2.0	3.1	3.3	4.4	6.8	11.3	16.6	22.7	30.6	41.3
-52.5°	0.0	1.9	3.1	3.3	4.4	6.3	10.6	15.7	21.6	28.9	38.6
-55°	0.0	1.8	3.1	3.3	4.4	6.1	9.8	14.7	20.3	26.8	35.8
-57.5°	0.0	1.7	3.1	3.3	4.3	5.9	8.9	13.5	18.8	24.8	32.5
-60°	0.0	1.5	3.1	3.3	4.2	5.7	8.0	12.2	17.2	22.8	29.1
-62.5°	0.0	1.4	2.9	3.3	4.1	5.5	7.5	10.8	15.4	20.7	26.5
-65°	0.0	1.3	2.6	3.2	3.9	5.2	7.1	9.5	13.5	18.3	23.6
-67.5°	0.0	1.2	2.4	3.2	3.8	4.9	6.5	8.7	11.4	15.8	20.6
-70°	0.0	1.1	2.1	3.1	3.6	4.5	5.9	7.8	10.2	13.1	17.4
-72.5°	0.0	0.9	1.9	2.8	3.4	4.1	5.3	6.9	9.0	11.4	14.2
-75°	0.0	0.8	1.6	2.4	3.1	3.7	4.6	6.1	7.6	9.6	12.0
-77.5°	0.0	0.7	1.3	2.0	2.7	3.3	3.9	5.2	6.6	8.0	9.6
-80°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	4.4	5.6	6.9	8.1
-82.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	3.4	4.6	5.7	6.9
-85°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	2.3	3.1	4.1	5.1
-87.5°	0.0	0.1	0.3	0.4	0.5	0.7	0.8	1.2	1.6	2.0	2.6
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.5	2.0	1.5	0.8	0.1	0.7	1.0	0.8	0.1	0.0	0.0
62.5°	2.9	2.4	1.7	1.3	1.8	2.3	1.8	1.1	0.3	1.5	2.1
60°	3.1	2.6	2.2	2.5	3.1	2.8	2.0	3.0	4.5	5.6	6.8
57.5°	3.1	2.9	2.8	3.3	3.5	3.5	5.4	7.2	10.2	12.6	14.3
55°	3.2	3.1	3.5	4.2	5.2	7.3	10.0	14.1	17.4	22.5	26.8
52.5°	3.5	3.5	4.7	6.3	9.3	12.7	17.4	23.2	29.8	34.7	39.9
50°	4.0	5.1	6.5	10.5	14.6	20.0	27.8	36.3	41.8	47.3	54.8
47.5°	5.5	6.9	10.8	15.4	21.3	29.8	40.6	46.7	52.1	60.9	70.2
45°	7.4	10.4	15.1	21.5	29.7	41.6	50.1	55.0	64.6	74.7	85.3
42.5°	9.4	14.4	20.8	27.6	40.5	51.8	59.4	67.4	76.9	88.7	100.2
40°	12.8	18.3	27.1	37.6	50.7	61.8	71.4	80.5	89.8	105.3	117.5
37.5°	16.2	24.3	34.2	47.2	60.9	73.0	83.7	95.1	108.5	125.9	136.9
35°	19.5	30.4	42.5	56.5	71.0	84.6	97.5	110.8	128.2	144.7	157.8
32.5°	24.1	36.8	50.4	65.4	80.4	95.8	111.4	127.4	144.5	161.3	178.6
30°	30.0	43.5	57.8	74.0	89.0	106.8	125.0	141.9	159.1	176.9	196.4
27.5°	35.8	49.8	65.3	81.6	97.4	117.7	137.3	154.9	172.6	191.7	213.9
25°	41.2	56.1	72.3	88.4	106.9	128.7	150.2	170.5	185.5	207.3	233.3
22.5°	46.5	62.3	79.7	94.5	116.1	139.8	164.8	186.7	204.5	223.9	253.4
20°	51.6	68.7	86.7	103.2	125.3	150.8	180.5	203.1	225.1	250.1	280.2
17.5°	56.6	74.6	93.5	113.2	136.5	162.9	196.6	219.6	245.9	275.8	313.8
15°	61.2	80.1	100.4	122.5	146.6	175.0	207.5	236.2	267.7	302.2	347.1
12.5°	65.6	85.2	107.2	131.1	155.5	185.5	216.6	247.2	283.4	328.6	385.0
10°	69.6	89.7	113.7	138.9	163.2	194.3	224.7	256.5	294.7	344.4	408.9
7.5°	72.9	94.3	120.0	146.1	169.9	201.5	231.7	264.2	304.1	357.4	425.0
5°	75.7	99.1	125.7	150.7	175.5	207.7	237.5	270.3	311.6	367.6	436.5
2.5°	78.0	103.5	130.8	154.0	180.2	213.4	242.1	277.0	319.3	375.5	447.3
0°	79.8	107.4	135.1	156.5	184.2	217.9	245.5	282.4	325.4	380.6	457.3
-2.5°	83.5	110.6	137.7	159.4	188.4	218.7	247.8	283.1	327.7	384.6	459.2
-5°	86.6	113.2	139.5	161.6	191.5	218.6	248.7	282.5	328.4	386.9	462.6
-7.5°	89.0	115.2	140.8	163.4	193.2	219.6	250.1	284.7	330.8	389.0	466.9
-10°	90.6	116.6	141.8	165.6	193.7	220.6	250.7	285.2	330.4	387.6	464.5
-12.5°	91.4	117.4	142.2	166.8	193.6	220.5	249.9	283.8	327.0	382.8	455.0
-15°	91.7	117.8	142.2	166.9	193.1	219.3	248.0	280.6	320.9	374.6	440.1
-17.5°	91.4	117.6	141.6	165.9	192.4	216.7	244.9	276.3	314.8	364.9	428.0
-20°	90.6	116.9	140.5	163.6	191.4	214.4	241.9	272.2	308.4	353.8	410.3

Classified

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REPORT NUMBER: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	89.3	115.9	139.0	161.4	188.0	212.2	237.9	266.8	299.2	340.3	390.4
-25°	87.8	113.7	137.1	159.7	184.1	208.9	232.8	260.3	290.1	329.6	374.7
-27.5°	85.9	111.1	134.4	157.3	180.0	204.4	227.8	253.7	283.2	318.0	358.4
-30°	83.1	107.3	130.7	154.1	176.4	199.3	222.0	246.7	274.4	307.3	344.5
-32.5°	79.5	103.1	126.0	149.1	172.4	194.3	215.6	239.3	265.4	294.1	329.6
-35°	75.9	98.6	120.9	143.0	167.5	188.6	209.1	230.9	255.1	281.9	310.8
-37.5°	72.5	93.8	115.5	136.4	159.6	181.5	201.5	222.2	244.6	269.2	295.4
-40°	68.8	88.7	109.9	130.2	150.6	172.9	192.8	212.9	233.6	258.2	281.5
-42.5°	65.0	84.3	103.9	123.8	143.3	163.3	183.2	202.4	224.2	247.5	270.4
-45°	61.8	79.8	98.0	117.3	136.5	154.5	173.2	191.1	213.4	236.7	259.0
-47.5°	58.1	75.1	92.7	110.2	129.1	147.1	163.9	182.0	200.9	222.9	246.4
-50°	54.2	70.3	86.6	103.1	120.9	139.0	156.0	172.8	190.6	208.7	229.0
-52.5°	50.9	65.0	80.1	95.3	112.1	129.8	147.0	163.7	180.1	197.1	214.4
-55°	47.0	60.0	73.3	87.5	102.3	119.2	136.2	152.6	169.3	185.2	202.1
-57.5°	42.7	54.3	66.5	79.7	93.2	107.1	123.6	139.9	155.6	171.7	189.1
-60°	37.9	48.2	59.2	71.5	84.5	97.3	110.7	125.8	141.0	156.2	172.3
-62.5°	32.8	41.8	51.7	62.4	74.4	86.9	99.2	112.0	125.7	138.9	152.9
-65°	29.5	35.8	44.1	53.6	63.5	74.7	86.3	98.1	110.2	121.4	132.2
-67.5°	25.9	31.6	37.7	44.7	53.7	63.1	72.4	83.0	93.8	104.2	114.2
-70°	22.1	27.2	32.6	38.4	44.8	52.5	61.2	69.7	78.0	86.6	95.9
-72.5°	18.0	22.5	27.2	32.3	37.7	43.8	50.5	57.7	65.1	72.3	79.6
-75°	14.8	17.7	21.6	25.9	30.6	35.4	40.2	46.0	52.2	58.5	64.6
-77.5°	12.2	14.9	17.5	20.2	23.5	27.9	32.2	36.5	40.8	45.5	50.6
-80°	9.9	12.0	14.4	16.8	19.1	21.8	24.8	28.1	31.2	34.4	37.8
-82.5°	8.3	9.8	11.6	13.5	14.8	16.2	17.8	19.8	21.8	23.9	26.1
-85°	6.3	7.6	8.8	10.1	10.7	11.4	12.1	13.0	14.3	15.6	16.9
-87.5°	3.2	3.8	4.5	5.3	5.6	5.9	6.2	6.5	7.3	8.2	9.1
-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: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.6	0.8	0.7	0.3	0.0	0.0
62.5°	1.8	1.5	2.4	3.2	3.5	3.4	3.1	2.8	2.4	2.2	2.5
60°	7.3	7.2	10.0	11.4	10.4	7.3	11.5	13.6	13.1	11.2	11.2
57.5°	18.0	21.9	24.7	25.9	30.0	36.6	37.8	35.6	34.8	35.5	41.1
55°	31.2	34.4	36.0	41.5	46.5	50.1	52.2	54.3	57.4	61.3	65.3
52.5°	44.1	48.4	51.7	56.7	62.6	64.7	64.2	71.7	77.7	81.4	83.0
50°	60.6	66.0	73.6	81.4	84.8	88.1	91.6	97.8	106.9	118.3	124.8
47.5°	78.4	86.8	94.8	103.8	108.3	111.8	117.0	127.9	140.8	153.0	159.3
45°	94.4	101.9	111.1	118.8	124.3	131.1	138.7	148.5	162.9	175.7	184.5
42.5°	107.2	115.7	125.1	134.5	140.1	149.3	160.7	174.1	189.2	202.5	212.3
40°	125.2	132.4	147.4	156.3	158.6	167.1	190.0	208.2	225.4	241.7	249.8
37.5°	147.0	161.0	176.6	184.6	192.6	207.7	238.4	267.8	289.7	311.7	323.7
35°	171.7	190.1	211.3	220.9	237.8	270.7	306.8	347.8	398.8	420.2	439.7
32.5°	195.8	216.3	235.9	257.2	286.9	326.2	366.9	433.3	495.4	543.5	578.6
30°	217.1	238.9	263.2	290.6	332.4	386.6	454.5	540.5	628.0	704.4	769.0
27.5°	238.1	262.9	291.8	332.8	391.6	465.1	573.5	696.2	842.3	949.9	1078.4
25°	261.2	289.6	326.7	386.0	465.4	575.3	748.6	947.9	1187.4	1381.6	1584.9
22.5°	288.5	330.4	377.5	443.6	582.2	763.3	1000.1	1340.7	1709.2	2049.8	2377.8
20°	321.5	378.8	454.3	576.1	754.0	1021.7	1433.2	1976.8	2518.6	3095.7	3651.3
17.5°	368.6	451.2	568.5	741.8	976.4	1505.9	2173.6	3014.2	4094.3	5073.1	5927.6
15°	412.8	511.4	696.8	955.8	1364.9	2066.8	3080.9	4468.4	6151.6	7685.6	9305.9
12.5°	459.2	575.7	788.5	1118.4	1686.8	2600.5	4025.6	5926.8	8034.4	10346.4	12979.9
10°	495.9	637.4	892.2	1310.4	2011.1	3148.9	4846.4	7152.2	9952.9	13374.5	17584.2
7.5°	520.7	686.8	977.9	1451.0	2309.6	3709.8	5753.2	8524.7	12026.1	16559.0	22449.5
5°	540.1	724.6	1042.3	1579.2	2562.2	4138.0	6425.1	9726.6	13868.6	19941.9	29924.6
2.5°	555.7	753.5	1082.1	1667.4	2720.7	4436.1	6875.8	10406.5	14965.4	22442.9	35394.2
0°	567.8	779.6	1108.0	1721.9	2842.2	4465.9	7016.5	10530.9	15359.0	22894.3	36571.3
-2.5°	573.0	793.6	1117.0	1733.8	2830.1	4517.1	7059.5	10630.3	15344.2	22647.0	35256.6
-5°	581.6	793.4	1110.2	1721.6	2766.6	4384.7	6779.1	10074.2	14418.5	20699.2	31030.1
-7.5°	587.8	780.7	1078.1	1643.6	2600.5	4098.7	6286.5	9152.6	12733.7	17502.5	23900.7
-10°	582.2	756.5	1024.5	1512.8	2342.3	3639.8	5537.4	7936.0	10912.3	14446.3	18793.5
-12.5°	560.3	711.6	937.1	1329.5	2007.9	3125.7	4783.7	6826.0	9028.8	11510.8	14514.7
-15°	532.6	663.3	858.3	1203.7	1759.9	2616.2	3826.7	5483.4	7250.5	9135.0	11144.5
-17.5°	511.0	620.8	782.3	1032.4	1441.5	2122.3	3073.5	4250.5	5549.1	6983.8	8174.7
-20°	481.8	568.6	704.1	908.4	1220.5	1671.6	2364.3	3219.4	4076.3	5085.1	5907.7

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REPORT NUMBER: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	452.5	528.2	631.3	780.7	1013.0	1353.8	1781.8	2352.8	2979.4	3558.4	4128.3
-25°	425.4	483.6	567.1	689.7	847.2	1079.8	1384.5	1712.0	2125.1	2477.5	2868.6
-27.5°	403.4	453.4	515.0	604.9	727.2	876.7	1094.9	1314.3	1531.6	1709.5	1978.8
-30°	382.2	422.4	474.0	538.1	629.7	745.0	886.6	1029.0	1154.3	1268.6	1408.9
-32.5°	361.3	394.1	433.6	486.8	552.6	639.2	726.2	828.3	915.4	995.9	1070.3
-35°	340.5	369.6	399.7	444.6	497.0	558.6	621.9	691.0	751.3	805.5	853.4
-37.5°	321.6	347.2	375.5	408.9	451.2	497.5	549.2	599.4	639.2	674.4	703.5
-40°	305.7	329.1	353.2	379.9	412.1	448.7	492.6	534.5	562.4	583.8	601.5
-42.5°	291.5	312.0	332.7	355.3	380.0	411.7	446.3	480.9	499.8	516.4	529.2
-45°	280.1	295.8	313.2	332.6	354.4	380.9	408.2	432.1	448.9	463.2	473.8
-47.5°	265.0	280.2	295.2	311.2	331.6	353.7	376.2	394.6	409.3	421.7	429.9
-50°	248.4	264.4	278.1	292.2	311.0	329.7	347.8	363.0	377.0	389.2	395.6
-52.5°	231.2	248.4	262.8	276.5	292.3	308.6	325.0	338.0	350.2	361.7	366.6
-55°	218.8	234.6	249.6	262.4	275.4	288.5	301.8	315.3	327.5	338.4	341.6
-57.5°	205.5	221.6	236.3	247.9	259.6	271.4	283.6	295.8	307.5	318.0	320.6
-60°	189.1	206.6	219.7	230.6	242.0	253.7	264.3	275.1	286.0	295.2	298.1
-62.5°	168.4	184.3	197.2	208.7	219.7	229.8	240.2	250.3	260.1	267.3	269.7
-65°	143.6	157.1	170.4	182.4	193.3	203.0	212.6	221.8	230.7	237.1	240.2
-67.5°	124.0	133.7	144.4	154.7	165.6	175.7	184.3	192.4	200.1	205.5	208.9
-70°	105.0	114.3	124.3	134.2	143.7	151.8	158.7	165.4	171.9	176.7	180.3
-72.5°	86.9	94.7	103.1	111.9	120.5	127.9	134.2	140.2	145.8	149.9	153.2
-75°	70.6	77.1	84.1	91.2	98.2	104.1	109.3	114.5	119.4	123.1	126.1
-77.5°	56.0	61.5	67.0	72.5	78.1	82.3	86.2	90.0	93.7	96.5	99.1
-80°	41.5	45.8	50.2	54.6	59.0	62.3	65.2	68.0	70.6	72.3	73.7
-82.5°	28.4	31.3	34.4	37.5	40.6	43.1	45.4	47.7	49.9	50.7	51.3
-85°	18.1	19.6	21.2	22.9	24.7	26.0	27.3	28.5	29.6	30.7	31.7
-87.5°	10.1	10.4	10.7	10.9	11.1	12.1	13.0	13.9	14.8	14.9	15.1
-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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 CATALOG NUMBER: GFLD-SA3C-727-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7
62.5°	2.8	3.0	3.1	3.1	3.1	3.0	2.8	2.5	2.2	2.4	2.8
60°	10.5	9.3	9.1	9.2	9.1	9.3	10.5	11.2	11.2	13.1	13.6
57.5°	46.6	51.9	53.4	52.2	53.4	51.9	46.6	41.1	35.5	34.8	35.6
55°	68.0	69.6	70.3	70.6	70.3	69.6	68.0	65.3	61.3	57.4	54.3
52.5°	83.3	82.8	82.7	82.9	82.7	82.8	83.3	83.0	81.4	77.7	71.7
50°	125.3	123.0	122.1	122.8	122.1	123.0	125.3	124.8	118.3	106.9	97.8
47.5°	160.1	160.8	161.9	162.7	161.9	160.8	160.1	159.3	153.0	140.8	127.9
45°	187.0	188.6	189.7	190.3	189.7	188.6	187.0	184.5	175.7	162.9	148.5
42.5°	214.4	214.6	214.3	214.9	214.3	214.6	214.4	212.3	202.5	189.2	174.1
40°	253.1	253.9	253.1	251.7	253.1	253.9	253.1	249.8	241.7	225.4	208.2
37.5°	330.8	331.9	328.2	325.4	328.2	331.9	330.8	323.7	311.7	289.7	267.8
35°	457.4	470.6	476.8	478.8	476.8	470.6	457.4	439.7	420.2	398.8	347.8
32.5°	602.9	621.2	630.3	638.4	630.3	621.2	602.9	578.6	543.5	495.4	433.3
30°	811.3	845.0	859.8	880.9	859.8	845.0	811.3	769.0	704.4	628.0	540.5
27.5°	1151.4	1210.6	1243.3	1273.8	1243.3	1210.6	1151.4	1078.4	949.9	842.3	696.2
25°	1732.5	1846.5	1920.3	1955.2	1920.3	1846.5	1732.5	1584.9	1381.6	1187.4	947.9
22.5°	2695.3	2905.5	3067.6	3100.0	3067.6	2905.5	2695.3	2377.8	2049.8	1709.2	1340.7
20°	4190.2	4491.0	4735.6	4858.8	4735.6	4491.0	4190.2	3651.3	3095.7	2518.6	1976.8
17.5°	6945.5	7570.9	7856.7	7903.6	7856.7	7570.9	6945.5	5927.6	5073.1	4094.3	3014.2
15°	11044.4	12102.9	12774.8	13207.4	12774.8	12102.9	11044.4	9305.9	7685.6	6151.6	4468.4
12.5°	15721.2	18728.8	20440.1	21092.6	20440.1	18728.8	15721.2	12979.9	10346.4	8034.4	5926.8
10°	22068.6	29148.9	33233.2	35288.3	33233.2	29148.9	22068.6	17584.2	13374.5	9952.9	7152.2
7.5°	32841.7	43777.3	55893.6	61499.1	55893.6	43777.3	32841.7	22449.5	16559.0	12026.1	8524.7
5°	44166.8	68177.1	89251.0	99342.6	89251.0	68177.1	44166.8	29924.6	19941.9	13868.6	9726.6
2.5°	57183.2	89563.3	119501.3	132089.5	119501.3	89563.3	57183.2	35394.2	22442.9	14965.4	10406.5
0°	62192.8	99910.5	132652.7	145008.4	132652.7	99910.5	62192.8	36571.3	22894.3	15359.0	10530.9
-2.5°	57957.6	91132.0	120015.7	134133.7	120015.7	91132.0	57957.6	35256.6	22647.0	15344.2	10630.3
-5°	46050.3	68552.7	89943.9	101448.2	89943.9	68552.7	46050.3	31030.1	20699.2	14418.5	10074.2
-7.5°	33798.1	46048.1	57928.0	62082.3	57928.0	46048.1	33798.1	23900.7	17502.5	12733.7	9152.6
-10°	23530.9	30545.7	35176.3	36497.7	35176.3	30545.7	23530.9	18793.5	14446.3	10912.3	7936.0
-12.5°	17445.8	20514.1	22648.9	23020.1	22648.9	20514.1	17445.8	14514.7	11510.8	9028.8	6826.0
-15°	12918.2	14478.5	15579.6	15653.7	15579.6	14478.5	12918.2	11144.5	9135.0	7250.5	5483.4
-17.5°	9443.3	10490.6	11046.3	11006.7	11046.3	10490.6	9443.3	8174.7	6983.8	5549.1	4250.5
-20°	6752.5	7383.8	7831.5	7744.0	7831.5	7383.8	6752.5	5907.7	5085.1	4076.3	3219.4

Classified

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REPORT NUMBER: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4708.3	5127.4	5389.8	5322.3	5389.8	5127.4	4708.3	4128.3	3558.4	2979.4	2352.8
-25°	3199.2	3427.6	3557.5	3535.9	3557.5	3427.6	3199.2	2868.6	2477.5	2125.1	1712.0
-27.5°	2180.1	2300.7	2341.0	2338.8	2341.0	2300.7	2180.1	1978.8	1709.5	1531.6	1314.3
-30°	1513.2	1594.2	1640.5	1611.4	1640.5	1594.2	1513.2	1408.9	1268.6	1154.3	1029.0
-32.5°	1127.8	1173.5	1200.0	1172.5	1200.0	1173.5	1127.8	1070.3	995.9	915.4	828.3
-35°	888.8	911.9	921.2	905.5	921.2	911.9	888.8	853.4	805.5	751.3	691.0
-37.5°	724.6	738.2	742.8	733.6	742.8	738.2	724.6	703.5	674.4	639.2	599.4
-40°	614.0	622.3	624.3	616.9	624.3	622.3	614.0	601.5	583.8	562.4	534.5
-42.5°	537.2	542.2	543.3	540.2	543.3	542.2	537.2	529.2	516.4	499.8	480.9
-45°	480.1	484.4	485.2	481.9	485.2	484.4	480.1	473.8	463.2	448.9	432.1
-47.5°	433.9	436.5	437.2	435.8	437.2	436.5	433.9	429.9	421.7	409.3	394.6
-50°	398.5	400.3	400.5	399.0	400.5	400.3	398.5	395.6	389.2	377.0	363.0
-52.5°	368.9	370.1	371.0	371.4	371.0	370.1	368.9	366.6	361.7	350.2	338.0
-55°	343.9	345.5	346.5	346.8	346.5	345.5	343.9	341.6	338.4	327.5	315.3
-57.5°	322.7	324.2	325.1	325.4	325.1	324.2	322.7	320.6	318.0	307.5	295.8
-60°	300.6	302.4	303.5	303.9	303.5	302.4	300.6	298.1	295.2	286.0	275.1
-62.5°	271.3	272.1	272.9	273.2	272.9	272.1	271.3	269.7	267.3	260.1	250.3
-65°	242.6	244.2	245.2	245.5	245.2	244.2	242.6	240.2	237.1	230.7	221.8
-67.5°	211.6	213.8	216.0	217.9	216.0	213.8	211.6	208.9	205.5	200.1	192.4
-70°	183.4	186.1	187.0	187.2	187.0	186.1	183.4	180.3	176.7	171.9	165.4
-72.5°	156.1	158.7	160.9	162.7	160.9	158.7	156.1	153.2	149.9	145.8	140.2
-75°	128.8	131.2	131.8	132.0	131.8	131.2	128.8	126.1	123.1	119.4	114.5
-77.5°	101.6	103.8	104.3	104.4	104.3	103.8	101.6	99.1	96.5	93.7	90.0
-80°	75.1	76.3	78.1	79.8	78.1	76.3	75.1	73.7	72.3	70.6	68.0
-82.5°	51.7	52.0	52.1	52.2	52.1	52.0	51.7	51.3	50.7	49.9	47.7
-85°	32.7	33.7	33.8	33.8	33.8	33.7	32.7	31.7	30.7	29.6	28.5
-87.5°	15.2	15.2	15.3	15.3	15.3	15.2	15.2	15.1	14.9	14.8	13.9
-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):

	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.8	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	3.1	3.4	3.5	3.2	2.4	1.5	1.8	2.1	1.5	0.3	1.1
60°	11.5	7.3	10.4	11.4	10.0	7.2	7.3	6.8	5.6	4.5	3.0
57.5°	37.8	36.6	30.0	25.9	24.7	21.9	18.0	14.3	12.6	10.2	7.2
55°	52.2	50.1	46.5	41.5	36.0	34.4	31.2	26.8	22.5	17.4	14.1
52.5°	64.2	64.7	62.6	56.7	51.7	48.4	44.1	39.9	34.7	29.8	23.2
50°	91.6	88.1	84.8	81.4	73.6	66.0	60.6	54.8	47.3	41.8	36.3
47.5°	117.0	111.8	108.3	103.8	94.8	86.8	78.4	70.2	60.9	52.1	46.7
45°	138.7	131.1	124.3	118.8	111.1	101.9	94.4	85.3	74.7	64.6	55.0
42.5°	160.7	149.3	140.1	134.5	125.1	115.7	107.2	100.2	88.7	76.9	67.4
40°	190.0	167.1	158.6	156.3	147.4	132.4	125.2	117.5	105.3	89.8	80.5
37.5°	238.4	207.7	192.6	184.6	176.6	161.0	147.0	136.9	125.9	108.5	95.1
35°	306.8	270.7	237.8	220.9	211.3	190.1	171.7	157.8	144.7	128.2	110.8
32.5°	366.9	326.2	286.9	257.2	235.9	216.3	195.8	178.6	161.3	144.5	127.4
30°	454.5	386.6	332.4	290.6	263.2	238.9	217.1	196.4	176.9	159.1	141.9
27.5°	573.5	465.1	391.6	332.8	291.8	262.9	238.1	213.9	191.7	172.6	154.9
25°	748.6	575.3	465.4	386.0	326.7	289.6	261.2	233.3	207.3	185.5	170.5
22.5°	1000.1	763.3	582.2	443.6	377.5	330.4	288.5	253.4	223.9	204.5	186.7
20°	1433.2	1021.7	754.0	576.1	454.3	378.8	321.5	280.2	250.1	225.1	203.1
17.5°	2173.6	1505.9	976.4	741.8	568.5	451.2	368.6	313.8	275.8	245.9	219.6
15°	3080.9	2066.8	1364.9	955.8	696.8	511.4	412.8	347.1	302.2	267.7	236.2
12.5°	4025.6	2600.5	1686.8	1118.4	788.5	575.7	459.2	385.0	328.6	283.4	247.2
10°	4846.4	3148.9	2011.1	1310.4	892.2	637.4	495.9	408.9	344.4	294.7	256.5
7.5°	5753.2	3709.8	2309.6	1451.0	977.9	686.8	520.7	425.0	357.4	304.1	264.2
5°	6425.1	4138.0	2562.2	1579.2	1042.3	724.6	540.1	436.5	367.6	311.6	270.3
2.5°	6875.8	4436.1	2720.7	1667.4	1082.1	753.5	555.7	447.3	375.5	319.3	277.0
0°	7016.5	4465.9	2842.2	1721.9	1108.0	779.6	567.8	457.3	380.6	325.4	282.4
-2.5°	7059.5	4517.1	2830.1	1733.8	1117.0	793.6	573.0	459.2	384.6	327.7	283.1
-5°	6779.1	4384.7	2766.6	1721.6	1110.2	793.4	581.6	462.6	386.9	328.4	282.5
-7.5°	6286.5	4098.7	2600.5	1643.6	1078.1	780.7	587.8	466.9	389.0	330.8	284.7
-10°	5537.4	3639.8	2342.3	1512.8	1024.5	756.5	582.2	464.5	387.6	330.4	285.2
-12.5°	4783.7	3125.7	2007.9	1329.5	937.1	711.6	560.3	455.0	382.8	327.0	283.8
-15°	3826.7	2616.2	1759.9	1203.7	858.3	663.3	532.6	440.1	374.6	320.9	280.6
-17.5°	3073.5	2122.3	1441.5	1032.4	782.3	620.8	511.0	428.0	364.9	314.8	276.3
-20°	2364.3	1671.6	1220.5	908.4	704.1	568.6	481.8	410.3	353.8	308.4	272.2

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REPORT NUMBER: P627138 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1781.8	1353.8	1013.0	780.7	631.3	528.2	452.5	390.4	340.3	299.2	266.8
-25°	1384.5	1079.8	847.2	689.7	567.1	483.6	425.4	374.7	329.6	290.1	260.3
-27.5°	1094.9	876.7	727.2	604.9	515.0	453.4	403.4	358.4	318.0	283.2	253.7
-30°	886.6	745.0	629.7	538.1	474.0	422.4	382.2	344.5	307.3	274.4	246.7
-32.5°	726.2	639.2	552.6	486.8	433.6	394.1	361.3	329.6	294.1	265.4	239.3
-35°	621.9	558.6	497.0	444.6	399.7	369.6	340.5	310.8	281.9	255.1	230.9
-37.5°	549.2	497.5	451.2	408.9	375.5	347.2	321.6	295.4	269.2	244.6	222.2
-40°	492.6	448.7	412.1	379.9	353.2	329.1	305.7	281.5	258.2	233.6	212.9
-42.5°	446.3	411.7	380.0	355.3	332.7	312.0	291.5	270.4	247.5	224.2	202.4
-45°	408.2	380.9	354.4	332.6	313.2	295.8	280.1	259.0	236.7	213.4	191.1
-47.5°	376.2	353.7	331.6	311.2	295.2	280.2	265.0	246.4	222.9	200.9	182.0
-50°	347.8	329.7	311.0	292.2	278.1	264.4	248.4	229.0	208.7	190.6	172.8
-52.5°	325.0	308.6	292.3	276.5	262.8	248.4	231.2	214.4	197.1	180.1	163.7
-55°	301.8	288.5	275.4	262.4	249.6	234.6	218.8	202.1	185.2	169.3	152.6
-57.5°	283.6	271.4	259.6	247.9	236.3	221.6	205.5	189.1	171.7	155.6	139.9
-60°	264.3	253.7	242.0	230.6	219.7	206.6	189.1	172.3	156.2	141.0	125.8
-62.5°	240.2	229.8	219.7	208.7	197.2	184.3	168.4	152.9	138.9	125.7	112.0
-65°	212.6	203.0	193.3	182.4	170.4	157.1	143.6	132.2	121.4	110.2	98.1
-67.5°	184.3	175.7	165.6	154.7	144.4	133.7	124.0	114.2	104.2	93.8	83.0
-70°	158.7	151.8	143.7	134.2	124.3	114.3	105.0	95.9	86.6	78.0	69.7
-72.5°	134.2	127.9	120.5	111.9	103.1	94.7	86.9	79.6	72.3	65.1	57.7
-75°	109.3	104.1	98.2	91.2	84.1	77.1	70.6	64.6	58.5	52.2	46.0
-77.5°	86.2	82.3	78.1	72.5	67.0	61.5	56.0	50.6	45.5	40.8	36.5
-80°	65.2	62.3	59.0	54.6	50.2	45.8	41.5	37.8	34.4	31.2	28.1
-82.5°	45.4	43.1	40.6	37.5	34.4	31.3	28.4	26.1	23.9	21.8	19.8
-85°	27.3	26.0	24.7	22.9	21.2	19.6	18.1	16.9	15.6	14.3	13.0
-87.5°	13.0	12.1	11.1	10.9	10.7	10.4	10.1	9.1	8.2	7.3	6.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.7	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.2	1.3	1.0
67.5°	0.0	0.0	0.0	0.7	1.0	0.9	0.2	0.5	1.3	2.0	1.7
65°	1.0	0.7	0.1	0.8	1.5	2.0	1.5	0.9	1.4	2.1	2.6
62.5°	1.8	2.3	1.8	1.3	1.7	2.4	2.9	1.9	1.6	2.2	2.9
60°	2.0	2.8	3.1	2.5	2.2	2.6	3.1	2.8	2.2	2.3	3.0
57.5°	5.4	3.5	3.5	3.3	2.8	2.9	3.1	3.1	2.8	2.6	3.1
55°	10.0	7.3	5.2	4.2	3.5	3.1	3.2	3.1	3.1	2.9	3.1
52.5°	17.4	12.7	9.3	6.3	4.7	3.5	3.5	3.1	3.1	3.0	3.1
50°	27.8	20.0	14.6	10.5	6.5	5.1	4.0	3.6	3.1	3.1	3.1
47.5°	40.6	29.8	21.3	15.4	10.8	6.9	5.5	4.2	3.1	3.1	3.1
45°	50.1	41.6	29.7	21.5	15.1	10.4	7.4	5.0	3.8	3.2	3.1
42.5°	59.4	51.8	40.5	27.6	20.8	14.4	9.4	6.8	4.7	3.4	3.2
40°	71.4	61.8	50.7	37.6	27.1	18.3	12.8	8.7	5.6	3.9	3.4
37.5°	83.7	73.0	60.9	47.2	34.2	24.3	16.2	10.8	7.1	5.0	3.7
35°	97.5	84.6	71.0	56.5	42.5	30.4	19.5	13.3	9.0	6.1	4.1
32.5°	111.4	95.8	80.4	65.4	50.4	36.8	24.1	16.4	10.9	7.3	4.5
30°	125.0	106.8	89.0	74.0	57.8	43.5	30.0	19.9	12.7	8.5	5.1
27.5°	137.3	117.7	97.4	81.6	65.3	49.8	35.8	23.6	14.5	9.9	6.1
25°	150.2	128.7	106.9	88.4	72.3	56.1	41.2	27.5	17.0	11.3	7.1
22.5°	164.8	139.8	116.1	94.5	79.7	62.3	46.5	32.2	20.1	12.7	8.1
20°	180.5	150.8	125.3	103.2	86.7	68.7	51.6	36.6	23.2	14.1	9.1
17.5°	196.6	162.9	136.5	113.2	93.5	74.6	56.6	40.5	26.4	15.3	10.0
15°	207.5	175.0	146.6	122.5	100.4	80.1	61.2	44.1	29.5	16.4	11.0
12.5°	216.6	185.5	155.5	131.1	107.2	85.2	65.6	47.3	32.5	18.0	11.9
10°	224.7	194.3	163.2	138.9	113.7	89.7	69.6	50.2	35.3	20.0	12.7
7.5°	231.7	201.5	169.9	146.1	120.0	94.3	72.9	52.6	37.8	22.0	13.5
5°	237.5	207.7	175.5	150.7	125.7	99.1	75.7	54.8	39.8	23.9	14.2
2.5°	242.1	213.4	180.2	154.0	130.8	103.5	78.0	56.7	41.6	25.8	14.8
0°	245.5	217.9	184.2	156.5	135.1	107.4	79.8	58.3	43.0	27.6	15.3
-2.5°	247.8	218.7	188.4	159.4	137.7	110.6	83.5	60.3	44.1	29.2	16.2
-5°	248.7	218.6	191.5	161.6	139.5	113.2	86.6	61.9	45.0	30.5	17.1
-7.5°	250.1	219.6	193.2	163.4	140.8	115.2	89.0	63.1	45.7	31.6	17.8
-10°	250.7	220.6	193.7	165.6	141.8	116.6	90.6	63.9	46.2	32.4	18.5
-12.5°	249.9	220.5	193.6	166.8	142.2	117.4	91.4	65.1	46.6	32.9	19.1
-15°	248.0	219.3	193.1	166.9	142.2	117.8	91.7	66.2	47.6	33.0	19.6
-17.5°	244.9	216.7	192.4	165.9	141.6	117.6	91.4	66.7	48.0	32.8	20.0
-20°	241.9	214.4	191.4	163.6	140.5	116.9	90.6	66.6	48.0	32.4	20.4

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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°	237.9	212.2	188.0	161.4	139.0	115.9	89.3	65.8	47.5	31.6	20.7
-25°	232.8	208.9	184.1	159.7	137.1	113.7	87.8	64.4	46.4	30.7	20.8
-27.5°	227.8	204.4	180.0	157.3	134.4	111.1	85.9	63.0	44.8	29.4	20.7
-30°	222.0	199.3	176.4	154.1	130.7	107.3	83.1	60.9	43.2	28.8	20.4
-32.5°	215.6	194.3	172.4	149.1	126.0	103.1	79.5	58.0	41.2	28.4	20.2
-35°	209.1	188.6	167.5	143.0	120.9	98.6	75.9	54.3	39.0	27.8	20.0
-37.5°	201.5	181.5	159.6	136.4	115.5	93.8	72.5	52.2	36.6	27.0	19.6
-40°	192.8	172.9	150.6	130.2	109.9	88.7	68.8	50.3	35.0	26.0	19.1
-42.5°	183.2	163.3	143.3	123.8	103.9	84.3	65.0	47.9	34.3	25.2	18.6
-45°	173.2	154.5	136.5	117.3	98.0	79.8	61.8	45.3	33.3	24.5	18.0
-47.5°	163.9	147.1	129.1	110.2	92.7	75.1	58.1	43.6	31.8	23.6	17.4
-50°	156.0	139.0	120.9	103.1	86.6	70.3	54.2	41.3	30.6	22.7	16.6
-52.5°	147.0	129.8	112.1	95.3	80.1	65.0	50.9	38.6	28.9	21.6	15.7
-55°	136.2	119.2	102.3	87.5	73.3	60.0	47.0	35.8	26.8	20.3	14.7
-57.5°	123.6	107.1	93.2	79.7	66.5	54.3	42.7	32.5	24.8	18.8	13.5
-60°	110.7	97.3	84.5	71.5	59.2	48.2	37.9	29.1	22.8	17.2	12.2
-62.5°	99.2	86.9	74.4	62.4	51.7	41.8	32.8	26.5	20.7	15.4	10.8
-65°	86.3	74.7	63.5	53.6	44.1	35.8	29.5	23.6	18.3	13.5	9.5
-67.5°	72.4	63.1	53.7	44.7	37.7	31.6	25.9	20.6	15.8	11.4	8.7
-70°	61.2	52.5	44.8	38.4	32.6	27.2	22.1	17.4	13.1	10.2	7.8
-72.5°	50.5	43.8	37.7	32.3	27.2	22.5	18.0	14.2	11.4	9.0	6.9
-75°	40.2	35.4	30.6	25.9	21.6	17.7	14.8	12.0	9.6	7.6	6.1
-77.5°	32.2	27.9	23.5	20.2	17.5	14.9	12.2	9.6	8.0	6.6	5.2
-80°	24.8	21.8	19.1	16.8	14.4	12.0	9.9	8.1	6.9	5.6	4.4
-82.5°	17.8	16.2	14.8	13.5	11.6	9.8	8.3	6.9	5.7	4.6	3.4
-85°	12.1	11.4	10.7	10.1	8.8	7.6	6.3	5.1	4.1	3.1	2.3
-87.5°	6.2	5.9	5.6	5.3	4.5	3.8	3.2	2.6	2.0	1.6	1.2
-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°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.3	0.0	0.1	0.5	0.0
70°	0.4	0.7	0.6	0.1	0.1	0.6	0.0
67.5°	1.1	1.0	0.9	0.4	0.2	0.6	0.0
65°	1.8	1.3	1.3	0.7	0.2	0.7	0.0
62.5°	2.4	1.8	1.6	1.0	0.3	0.8	0.0
60°	3.0	2.2	1.9	1.3	0.4	0.9	0.0
57.5°	3.1	2.5	2.2	1.6	0.7	1.0	0.0
55°	3.1	2.9	2.4	2.0	0.9	1.0	0.0
52.5°	3.1	3.1	2.6	2.3	1.2	1.1	0.0
50°	3.1	3.1	2.7	2.7	1.4	1.2	0.0
47.5°	3.1	3.1	2.9	2.9	1.6	1.3	0.0
45°	3.1	3.1	3.0	3.0	1.8	1.4	0.0
42.5°	3.1	3.1	3.1	3.1	2.0	1.5	0.0
40°	3.1	3.1	3.1	3.1	2.2	1.6	0.0
37.5°	3.1	3.1	3.1	3.1	2.3	1.7	0.0
35°	3.1	3.1	3.1	3.1	2.5	1.8	0.0
32.5°	3.2	3.1	3.1	3.1	2.6	1.9	0.0
30°	3.5	3.1	3.1	3.1	2.7	2.0	0.0
27.5°	3.8	3.1	3.1	3.1	2.8	2.1	0.0
25°	4.2	3.1	3.1	3.1	2.9	2.2	0.0
22.5°	4.6	3.2	3.1	3.1	2.9	2.3	0.0
20°	4.9	3.4	3.1	3.1	3.0	2.4	0.0
17.5°	5.5	3.6	3.1	3.1	3.0	2.5	0.0
15°	6.1	4.0	3.1	3.1	3.0	2.6	0.0
12.5°	6.7	4.3	3.1	3.1	3.1	2.7	0.0
10°	7.3	4.6	3.1	3.1	3.1	2.8	0.0
7.5°	7.8	5.0	3.1	3.1	3.1	2.9	0.0
5°	8.3	5.4	3.1	3.1	3.1	3.0	0.0
2.5°	8.8	5.8	3.1	3.1	3.1	3.0	0.0
0°	9.2	6.1	3.1	3.1	3.1	3.1	0.0
-2.5°	10.0	6.4	3.4	3.1	3.1	3.1	0.0
-5°	10.7	6.7	3.6	3.1	3.1	3.1	0.0
-7.5°	11.4	7.0	3.9	3.1	3.1	3.1	0.0
-10°	12.0	7.2	4.1	3.1	3.1	3.1	0.0
-12.5°	12.5	7.4	4.3	3.1	3.1	3.0	0.0
-15°	12.9	7.6	4.5	3.1	3.1	3.0	0.0
-17.5°	13.2	7.7	4.6	3.1	3.1	3.0	0.0
-20°	13.3	7.8	4.7	3.1	3.1	2.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.5	7.9	4.7	3.1	3.1	2.9	0.0
-25°	13.6	8.1	4.7	3.1	3.1	2.8	0.0
-27.5°	13.6	8.3	4.6	3.1	3.1	2.7	0.0
-30°	13.5	8.4	4.5	3.1	3.1	2.7	0.0
-32.5°	13.4	8.5	4.5	3.1	3.1	2.6	0.0
-35°	13.4	8.5	4.5	3.1	3.1	2.5	0.0
-37.5°	13.3	8.4	4.3	3.1	3.1	2.5	0.0
-40°	13.1	8.2	4.2	3.1	3.1	2.4	0.0
-42.5°	12.8	8.0	4.2	3.1	3.1	2.3	0.0
-45°	12.4	7.7	4.3	3.2	3.1	2.2	0.0
-47.5°	11.9	7.3	4.3	3.3	3.1	2.1	0.0
-50°	11.3	6.8	4.4	3.3	3.1	2.0	0.0
-52.5°	10.6	6.3	4.4	3.3	3.1	1.9	0.0
-55°	9.8	6.1	4.4	3.3	3.1	1.8	0.0
-57.5°	8.9	5.9	4.3	3.3	3.1	1.7	0.0
-60°	8.0	5.7	4.2	3.3	3.1	1.5	0.0
-62.5°	7.5	5.5	4.1	3.3	2.9	1.4	0.0
-65°	7.1	5.2	3.9	3.2	2.6	1.3	0.0
-67.5°	6.5	4.9	3.8	3.2	2.4	1.2	0.0
-70°	5.9	4.5	3.6	3.1	2.1	1.1	0.0
-72.5°	5.3	4.1	3.4	2.8	1.9	0.9	0.0
-75°	4.6	3.7	3.1	2.4	1.6	0.8	0.0
-77.5°	3.9	3.3	2.7	2.0	1.3	0.7	0.0
-80°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-82.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-87.5°	0.8	0.7	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)