

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: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627378 (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-SA4C-727-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20520.3 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 208006.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 6551 lumens
Beam Efficiency: 31.9%

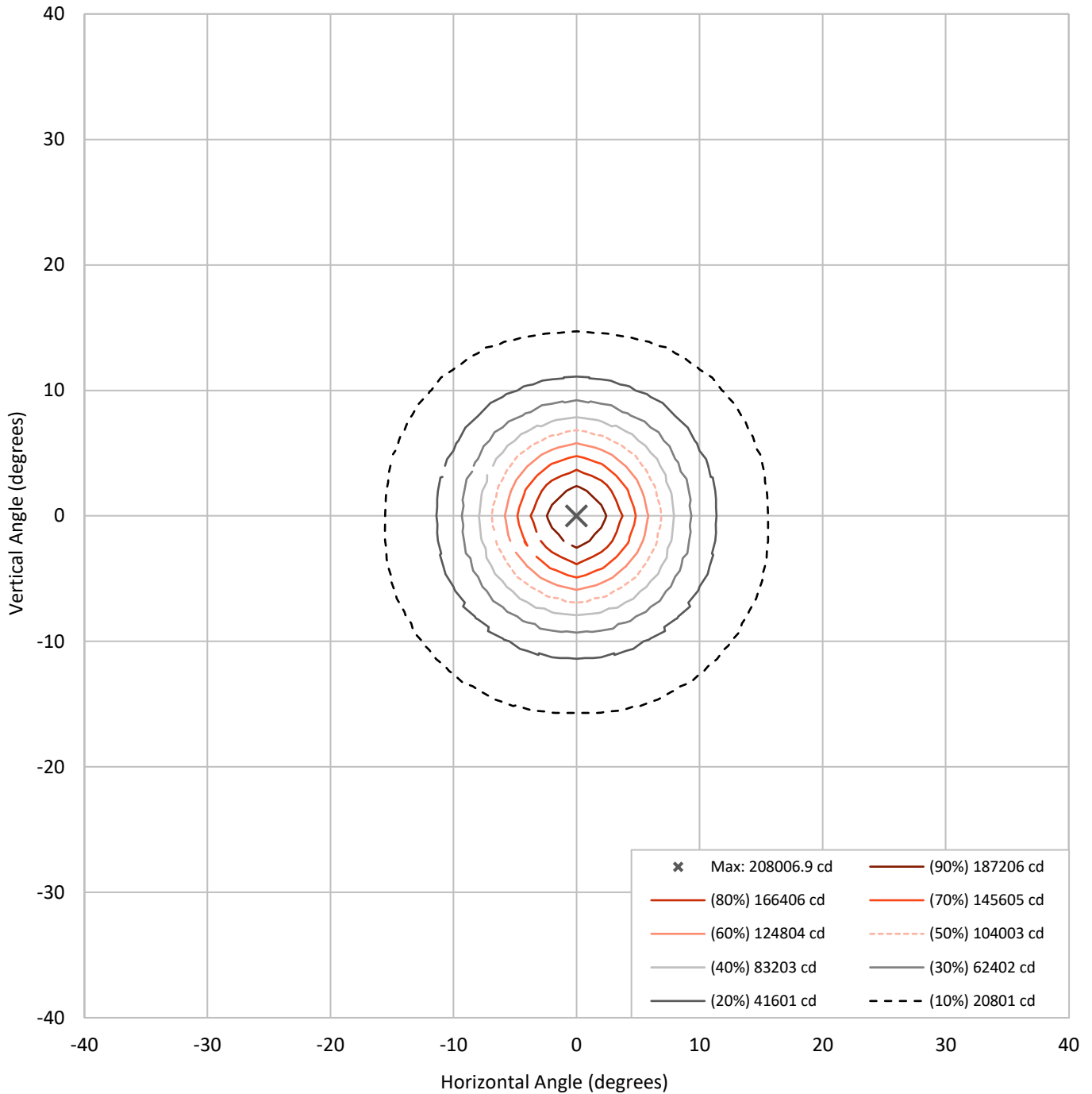
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 14591.2 lumens
Field Efficiency: 71.1%

Input Watts (W): 168.2
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





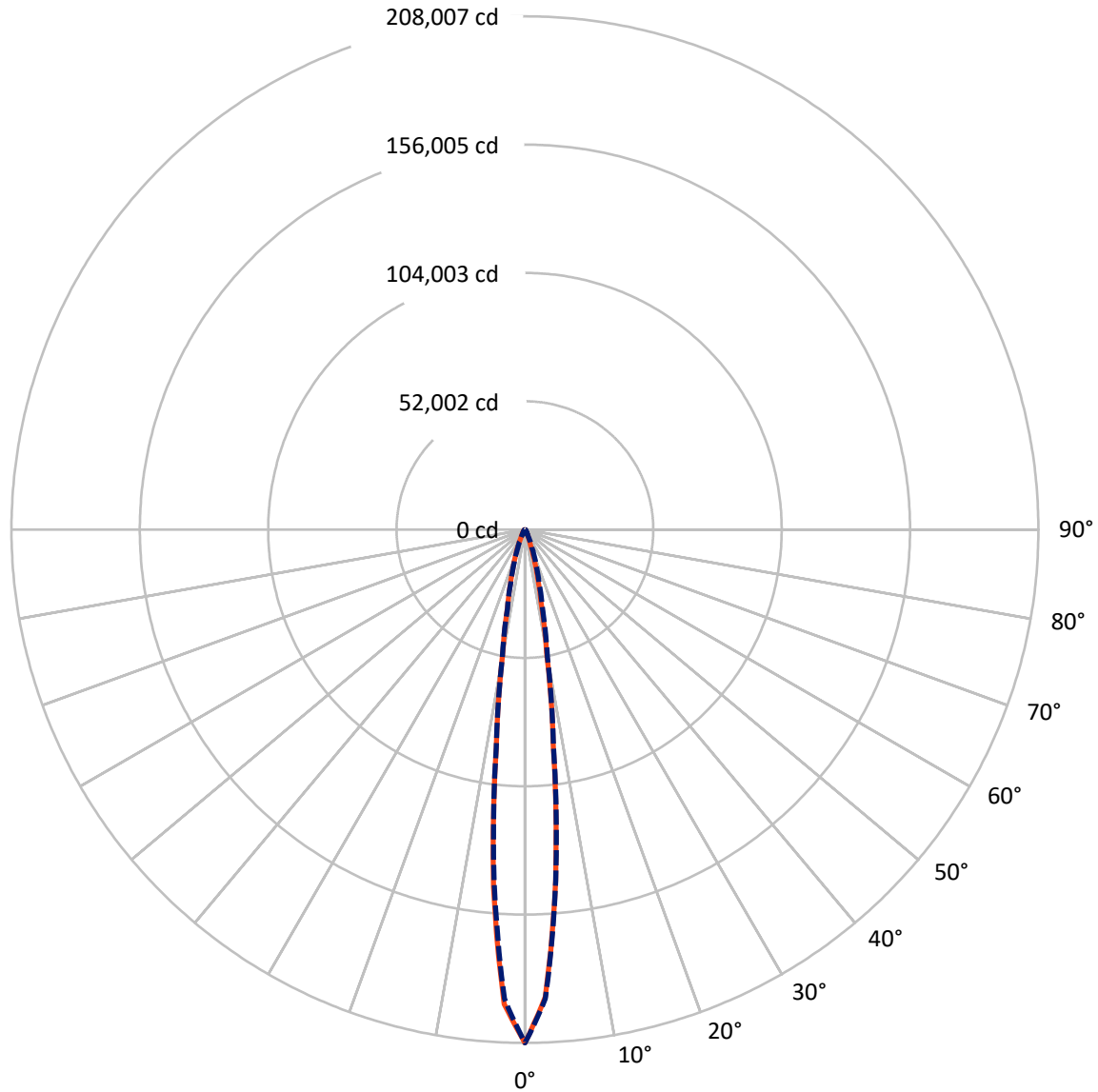
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Lumen Table

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	0.1	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	0.1			
50		0.1	0.1	0.5	1.1	1.8	2.4	2.9	2.9	2.4	1.8	1.1	0.5	0.1	0.1				
40	0.1	0.1	0.6	1.8	3.3	4.9	6.9	8.2	8.2	6.9	4.9	3.3	1.8	0.6	0.1	0.1			
30		0.3	1.4	3.5	6.2	9.8	16.7	21.2	21.2	16.7	9.8	6.2	3.5	1.4	0.3				
20	0.2	0.6	2.3	5.3	9.6	20.9	55.7	92.3	92.3	55.7	20.9	9.6	5.3	2.3	0.6	0.2			
10		0.9	3.1	7.3	15.9	62.4	263.0	578.2	578.2	263.0	62.4	15.9	7.3	3.1	0.9				
0	0.3	1.1	3.8	8.6	21.5	117.1	630.3	2826.8	2826.8	630.3	117.1	21.5	8.6	3.8	1.1	0.3			
-10		1.3	4.2	9.0	23.2	124.8	652.4	2874.8	2874.8	652.4	124.8	23.2	9.0	4.2	1.3				
-20	0.4	1.3	4.2	8.9	20.3	79.4	316.7	677.4	677.4	316.7	79.4	20.3	8.9	4.2	1.3	0.4			
-30		1.3	4.1	8.2	15.7	37.1	97.6	162.7	162.7	97.6	37.1	15.7	8.2	4.1	1.3				
-40	0.4	1.1	3.6	7.2	12.3	20.4	33.2	42.2	42.2	33.2	20.4	12.3	7.2	3.6	1.1	0.4			
-50		0.9	3.0	6.0	9.9	14.2	19.1	21.4	21.4	19.1	14.2	9.9	6.0	3.0	0.9				
-60	0.2	0.7	2.2	4.7	7.8	10.9	13.8	15.1	15.1	13.8	10.9	7.8	4.7	2.2	0.7	0.2			
-70		0.5	1.4	3.0	5.2	7.6	9.6	10.6	10.6	9.6	7.6	5.2	3.0	1.4	0.5				
-80	0.1	1.2	5.2	11.3	14.4	11.3	5.2	1.2	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

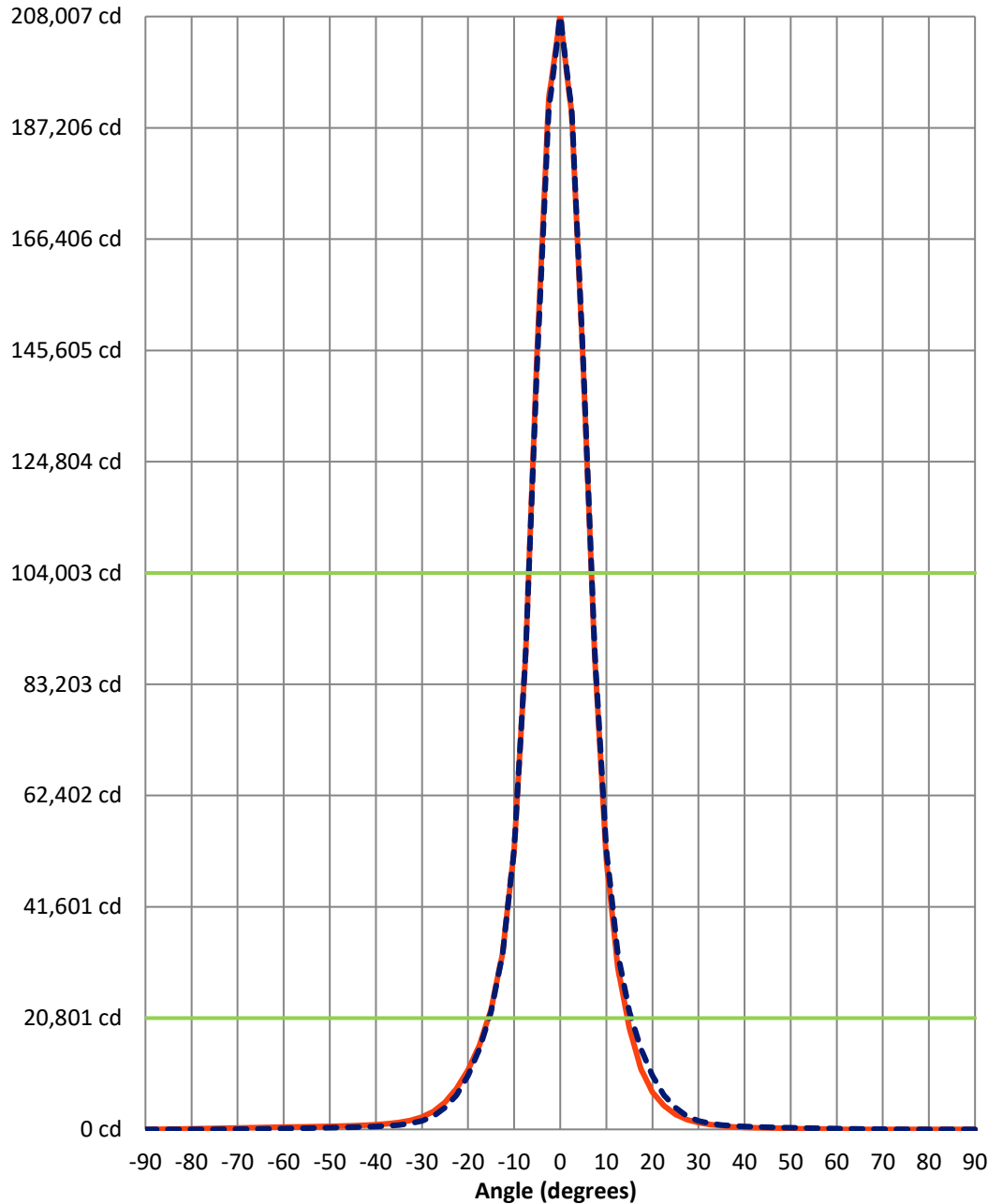


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 6551
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 14591.2
 Efficiency: 71.1%

Spill:
 Lumens: 5929
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.7	0.2	0.3	0.9	1.0	0.4
70°	0.0	0.8	0.2	0.1	0.9	1.0	0.5	1.4	1.8	1.6	0.6
67.5°	0.0	0.9	0.3	0.5	1.3	1.4	1.6	2.5	2.8	1.8	0.7
65°	0.0	1.0	0.3	1.0	1.8	1.9	2.5	3.7	3.0	1.9	1.3
62.5°	0.0	1.1	0.5	1.4	2.3	2.5	3.5	4.1	3.1	2.3	2.8
60°	0.0	1.2	0.6	1.9	2.8	3.1	4.3	4.3	3.3	3.2	4.0
57.5°	0.0	1.4	1.0	2.3	3.1	3.6	4.4	4.4	3.7	3.9	4.4
55°	0.0	1.5	1.3	2.8	3.4	4.1	4.4	4.4	4.1	4.4	4.4
52.5°	0.0	1.6	1.7	3.3	3.7	4.4	4.4	4.4	4.3	4.4	4.4
50°	0.0	1.7	2.0	3.8	3.9	4.4	4.4	4.4	4.4	4.4	5.1
47.5°	0.0	1.9	2.3	4.2	4.1	4.4	4.4	4.4	4.4	4.4	6.1
45°	0.0	2.0	2.6	4.3	4.2	4.4	4.4	4.4	4.5	5.5	7.2
42.5°	0.0	2.1	2.8	4.4	4.4	4.4	4.4	4.6	4.8	6.7	9.7
40°	0.0	2.3	3.1	4.4	4.4	4.4	4.4	4.9	5.6	8.1	12.5
37.5°	0.0	2.4	3.3	4.4	4.4	4.4	4.4	5.3	7.1	10.2	15.5
35°	0.0	2.6	3.5	4.4	4.4	4.4	4.4	5.9	8.8	12.9	19.0
32.5°	0.0	2.7	3.7	4.4	4.4	4.4	4.5	6.5	10.5	15.6	23.5
30°	0.0	2.9	3.8	4.4	4.4	4.4	5.0	7.3	12.2	18.2	28.5
27.5°	0.0	3.0	3.9	4.4	4.4	4.4	5.5	8.7	14.2	20.7	33.8
25°	0.0	3.1	4.1	4.4	4.4	4.4	6.0	10.2	16.3	24.4	39.5
22.5°	0.0	3.3	4.1	4.4	4.4	4.5	6.5	11.6	18.3	28.8	46.2
20°	0.0	3.4	4.2	4.4	4.4	4.8	7.1	13.0	20.1	33.3	52.4
17.5°	0.0	3.6	4.3	4.4	4.4	5.2	7.9	14.4	21.9	37.8	58.1
15°	0.0	3.7	4.3	4.4	4.4	5.6	8.8	15.7	23.6	42.3	63.2
12.5°	0.0	3.8	4.4	4.4	4.4	6.1	9.6	17.1	25.8	46.6	67.8
10°	0.0	4.0	4.4	4.4	4.4	6.7	10.4	18.3	28.6	50.7	71.9
7.5°	0.0	4.1	4.4	4.4	4.4	7.2	11.2	19.4	31.5	54.1	75.5
5°	0.0	4.2	4.4	4.4	4.4	7.8	11.9	20.4	34.3	57.1	78.7
2.5°	0.0	4.3	4.4	4.4	4.4	8.3	12.6	21.2	37.1	59.6	81.4
0°	0.0	4.4	4.4	4.4	4.4	8.8	13.2	22.0	39.6	61.6	83.7
-2.5°	0.0	4.4	4.4	4.4	4.8	9.3	14.3	23.3	41.9	63.2	86.5
-5°	0.0	4.4	4.4	4.4	5.2	9.7	15.4	24.5	43.8	64.5	88.9
-7.5°	0.0	4.4	4.4	4.4	5.5	10.1	16.4	25.6	45.4	65.5	90.6
-10°	0.0	4.3	4.4	4.4	5.8	10.4	17.3	26.6	46.5	66.2	91.7
-12.5°	0.0	4.3	4.4	4.4	6.1	10.7	18.0	27.4	47.2	66.8	93.4
-15°	0.0	4.2	4.4	4.4	6.4	10.9	18.5	28.0	47.4	68.2	95.0
-17.5°	0.0	4.2	4.4	4.4	6.6	11.1	18.9	28.7	47.1	68.9	95.7
-20°	0.0	4.1	4.4	4.4	6.7	11.3	19.2	29.3	46.4	68.9	95.5

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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	4.1	4.4	4.4	6.8	11.4	19.4	29.7	45.3	68.1	94.4
-25°	0.0	4.0	4.4	4.4	6.7	11.7	19.5	29.8	43.9	66.5	92.4
-27.5°	0.0	3.9	4.4	4.4	6.6	12.0	19.5	29.7	42.2	64.2	90.4
-30°	0.0	3.8	4.4	4.4	6.5	12.2	19.4	29.4	41.3	61.9	87.4
-32.5°	0.0	3.7	4.4	4.4	6.5	12.2	19.2	29.0	40.8	59.1	83.2
-35°	0.0	3.6	4.4	4.4	6.4	12.2	19.1	28.6	39.9	56.0	77.9
-37.5°	0.0	3.5	4.4	4.4	6.2	12.1	19.1	28.1	38.8	52.5	74.9
-40°	0.0	3.4	4.4	4.4	6.0	11.9	18.8	27.4	37.3	50.2	72.1
-42.5°	0.0	3.2	4.4	4.4	5.9	11.5	18.4	26.7	36.1	49.2	68.7
-45°	0.0	3.1	4.4	4.6	6.1	11.0	17.9	25.8	35.1	47.7	65.0
-47.5°	0.0	3.0	4.4	4.6	6.2	10.5	17.2	25.0	33.9	45.6	62.5
-50°	0.0	2.8	4.4	4.7	6.3	9.8	16.3	23.9	32.6	43.9	59.2
-52.5°	0.0	2.7	4.4	4.7	6.3	9.0	15.2	22.6	31.0	41.5	55.4
-55°	0.0	2.5	4.4	4.8	6.2	8.7	14.1	21.1	29.1	38.4	51.3
-57.5°	0.0	2.4	4.4	4.8	6.1	8.5	12.7	19.4	27.0	35.6	46.5
-60°	0.0	2.2	4.4	4.7	6.0	8.2	11.4	17.5	24.7	32.7	41.7
-62.5°	0.0	2.0	4.1	4.7	5.8	7.9	10.8	15.5	22.1	29.6	37.9
-65°	0.0	1.9	3.7	4.6	5.6	7.5	10.2	13.7	19.4	26.2	33.9
-67.5°	0.0	1.7	3.4	4.5	5.4	7.0	9.4	12.5	16.4	22.6	29.5
-70°	0.0	1.5	3.0	4.4	5.1	6.5	8.5	11.3	14.7	18.8	24.9
-72.5°	0.0	1.3	2.6	4.0	4.8	5.9	7.6	10.0	12.9	16.4	20.4
-75°	0.0	1.1	2.3	3.4	4.5	5.3	6.6	8.7	10.9	13.8	17.2
-77.5°	0.0	1.0	1.9	2.8	3.8	4.6	5.6	7.5	9.5	11.4	13.8
-80°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	6.3	8.1	9.9	11.7
-82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.9	6.6	8.3	9.9
-85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	3.3	4.5	5.9	7.4
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.7	2.3	2.9	3.7
-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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.3	1.5	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.1	2.9	2.2	1.1	0.1	1.0	1.5	1.2	0.1	0.0	0.0
62.5°	4.1	3.5	2.4	1.8	2.5	3.3	2.6	1.5	0.4	2.1	3.1
60°	4.4	3.7	3.1	3.5	4.5	4.0	2.9	4.3	6.5	8.1	9.8
57.5°	4.4	4.1	4.0	4.8	5.0	5.0	7.7	10.3	14.6	18.2	20.6
55°	4.5	4.4	5.0	6.0	7.4	10.5	14.4	20.3	25.0	32.2	38.4
52.5°	5.0	5.0	6.7	9.0	13.3	18.2	25.0	33.3	42.7	49.8	57.3
50°	5.7	7.3	9.4	15.1	21.0	28.6	39.8	51.9	59.9	67.9	78.6
47.5°	7.8	10.0	15.5	22.1	30.6	42.8	58.2	67.0	74.8	87.3	100.7
45°	10.6	15.0	21.8	30.9	42.7	59.7	71.9	79.1	92.6	107.1	122.3
42.5°	13.5	20.7	29.9	39.5	58.0	74.3	85.3	96.7	110.4	127.3	143.8
40°	18.3	26.3	38.8	53.9	72.8	88.6	102.5	115.5	128.9	151.0	168.6
37.5°	23.2	34.8	49.0	67.8	87.4	104.7	120.1	136.4	155.7	180.6	196.4
35°	27.9	43.6	61.0	81.0	101.9	121.4	139.9	159.0	183.9	207.5	226.4
32.5°	34.6	52.7	72.3	93.9	115.3	137.4	159.9	182.7	207.3	231.5	256.2
30°	42.9	62.4	83.0	106.2	127.7	153.3	179.3	203.5	228.3	253.7	281.7
27.5°	51.3	71.4	93.7	117.1	139.7	168.8	196.9	222.2	247.6	275.0	306.9
25°	59.1	80.5	103.8	126.8	153.4	184.6	215.4	244.7	266.2	297.3	334.6
22.5°	66.6	89.4	114.4	135.6	166.6	200.6	236.4	267.9	293.3	321.1	363.4
20°	74.0	98.6	124.3	148.1	179.8	216.4	258.9	291.4	322.9	358.8	401.9
17.5°	81.1	107.1	134.2	162.4	195.9	233.7	282.0	315.0	352.7	395.7	450.1
15°	87.8	115.0	144.0	175.7	210.3	251.1	297.7	338.9	383.9	433.5	497.8
12.5°	94.0	122.2	153.7	188.0	223.1	266.1	310.8	354.6	406.5	471.4	552.2
10°	99.8	128.7	163.1	199.3	234.1	278.7	322.3	368.0	422.7	493.9	586.5
7.5°	104.5	135.3	172.0	209.5	243.7	289.1	332.3	379.0	436.3	512.6	609.6
5°	108.5	142.2	180.3	216.1	251.7	298.0	340.7	387.7	447.1	527.2	626.1
2.5°	111.9	148.6	187.5	220.9	258.5	306.2	347.3	397.4	458.0	538.5	641.6
0°	114.5	154.1	193.7	224.5	264.2	312.6	352.2	405.1	466.7	545.9	656.0
-2.5°	119.8	158.7	197.4	228.7	270.3	313.7	355.4	406.2	470.0	551.7	658.7
-5°	124.3	162.4	200.0	231.9	274.8	313.6	356.8	405.3	471.1	555.0	663.5
-7.5°	127.8	165.2	201.8	234.4	277.2	315.0	358.7	408.4	474.5	558.0	669.7
-10°	130.0	167.3	203.3	237.5	277.8	316.5	359.5	409.1	474.0	556.0	666.3
-12.5°	131.2	168.5	204.0	239.2	277.7	316.3	358.5	407.2	469.1	549.0	652.7
-15°	131.5	168.9	203.9	239.4	277.0	314.5	355.7	402.6	460.4	537.3	631.3
-17.5°	131.1	168.7	203.1	238.0	276.0	310.8	351.3	396.4	451.5	523.4	614.0
-20°	130.0	167.7	201.5	234.8	274.6	307.5	346.9	390.4	442.3	507.5	588.5



REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	128.2	166.2	199.3	231.6	269.7	304.4	341.2	382.6	429.2	488.1	560.1
-25°	126.1	163.1	196.6	229.1	264.1	299.6	334.0	373.4	416.2	472.8	537.5
-27.5°	123.2	159.3	192.7	225.7	258.3	293.2	326.8	363.9	406.3	456.3	514.1
-30°	119.2	153.9	187.4	221.0	253.1	285.9	318.3	353.8	393.7	440.8	494.2
-32.5°	114.0	148.0	180.7	213.9	247.3	278.6	309.2	343.2	380.7	422.0	472.8
-35°	108.8	141.5	173.4	205.0	240.3	270.5	299.9	331.1	366.0	404.4	445.8
-37.5°	103.9	134.6	165.7	195.5	228.9	260.4	289.0	318.7	350.9	386.1	423.8
-40°	98.6	127.2	157.6	186.7	215.9	248.1	276.6	305.3	335.0	370.3	403.8
-42.5°	93.2	120.9	149.1	177.6	205.5	234.2	262.8	290.3	321.6	355.1	387.9
-45°	88.6	114.4	140.5	168.2	195.7	221.7	248.5	274.2	306.0	339.4	371.6
-47.5°	83.3	107.7	133.0	158.1	185.1	211.0	235.1	261.1	288.3	319.8	353.4
-50°	77.8	100.9	124.3	147.9	173.5	199.4	223.8	247.9	273.5	299.4	328.4
-52.5°	73.0	93.3	114.9	136.6	160.8	186.2	210.8	234.9	258.4	282.8	307.6
-55°	67.5	86.0	105.1	125.4	146.6	170.9	195.3	218.8	242.9	265.7	289.9
-57.5°	61.3	77.9	95.3	114.4	133.7	153.6	177.3	200.6	223.2	246.3	271.3
-60°	54.2	69.1	84.9	102.5	121.3	139.6	158.8	180.4	202.2	224.0	247.2
-62.5°	47.0	59.9	74.2	89.5	106.8	124.7	142.3	160.7	180.3	199.3	219.3
-65°	42.2	51.3	63.3	76.9	91.1	107.2	123.8	140.7	158.0	174.1	189.6
-67.5°	37.1	45.3	54.1	64.1	77.0	90.6	103.9	119.1	134.6	149.4	163.8
-70°	31.6	38.9	46.7	55.1	64.2	75.3	87.8	100.0	111.9	124.3	137.7
-72.5°	25.9	32.2	39.0	46.3	54.1	62.8	72.4	82.8	93.4	103.7	114.1
-75°	21.3	25.4	31.0	37.1	43.9	50.7	57.7	65.9	74.9	83.9	92.7
-77.5°	17.5	21.3	25.2	28.9	33.7	40.0	46.2	52.3	58.5	65.3	72.6
-80°	14.2	17.2	20.7	24.2	27.5	31.2	35.5	40.3	44.7	49.3	54.2
-82.5°	11.9	14.1	16.6	19.3	21.3	23.3	25.6	28.3	31.3	34.3	37.4
-85°	9.1	10.9	12.6	14.4	15.3	16.3	17.4	18.6	20.5	22.4	24.2
-87.5°	4.6	5.5	6.5	7.6	8.0	8.5	8.9	9.3	10.5	11.8	13.1
-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: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-NR-VSR-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°	0.0	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	0.8	1.1	0.9	0.4	0.0	0.0
62.5°	2.6	2.1	3.4	4.6	5.0	4.9	4.5	4.0	3.4	3.2	3.6
60°	10.6	10.3	14.4	16.4	14.9	10.5	16.6	19.6	18.8	16.1	16.0
57.5°	25.8	31.4	35.4	37.2	43.0	52.4	54.2	51.1	50.0	51.0	59.0
55°	44.8	49.2	51.6	59.6	66.6	71.8	74.8	77.9	82.4	87.9	93.6
52.5°	63.3	69.5	74.2	81.4	89.9	92.8	92.0	102.9	111.4	116.9	119.1
50°	87.0	94.7	105.6	116.8	121.7	126.5	131.5	140.4	153.4	169.6	178.9
47.5°	112.5	124.6	136.1	148.9	155.3	160.4	167.8	183.4	202.0	219.4	228.6
45°	135.4	146.2	159.3	170.4	178.4	188.1	198.9	213.0	233.8	252.1	264.6
42.5°	153.8	166.0	179.5	192.9	201.0	214.1	230.5	249.7	271.5	290.4	304.5
40°	179.7	189.9	211.5	224.2	227.4	239.6	272.6	298.7	323.3	346.7	358.3
37.5°	210.9	231.0	253.3	264.8	276.2	297.8	341.9	384.2	415.5	447.1	464.4
35°	246.3	272.7	303.2	316.8	341.1	388.3	440.1	498.9	572.1	602.7	630.7
32.5°	280.8	310.3	338.4	369.0	411.6	467.9	526.2	621.5	710.6	779.6	830.0
30°	311.3	342.6	377.5	416.9	476.8	554.4	651.9	775.3	900.8	1010.4	1103.0
27.5°	341.5	377.1	418.7	477.3	561.7	667.1	822.7	998.7	1208.2	1362.6	1547.0
25°	374.6	415.4	468.6	553.7	667.5	825.2	1073.9	1359.7	1703.3	1981.9	2273.4
22.5°	413.8	474.0	541.5	636.3	835.2	1095.0	1434.7	1923.2	2451.7	2940.4	3411.0
20°	461.2	543.4	651.8	826.4	1081.7	1465.7	2055.9	2835.6	3612.8	4440.6	5237.5
17.5°	528.8	647.3	815.6	1064.1	1400.6	2160.2	3117.9	4323.8	5873.1	7277.0	8502.9
15°	592.1	733.7	999.5	1371.1	1957.9	2964.7	4419.3	6409.6	8824.1	11024.7	13348.8
12.5°	658.7	825.8	1131.1	1604.2	2419.6	3730.3	5774.5	8501.7	11525.0	14841.4	18619.0
10°	711.3	914.3	1279.8	1879.7	2884.8	4517.0	6951.9	10259.4	14277.0	19185.0	25223.7
7.5°	746.9	985.2	1402.7	2081.3	3313.1	5321.5	8252.7	12228.2	17250.8	23753.0	32202.6
5°	774.7	1039.4	1495.0	2265.3	3675.3	5935.7	9216.5	13952.2	19893.8	28605.5	42925.3
2.5°	797.0	1080.8	1552.2	2391.9	3902.7	6363.4	9863.1	14927.6	21467.1	32193.2	50771.1
0°	814.5	1118.3	1589.4	2470.0	4077.0	6406.1	10064.8	15106.1	22031.7	32840.6	52459.6
-2.5°	821.9	1138.3	1602.2	2487.1	4059.5	6479.5	10126.4	15248.6	22010.5	32485.8	50573.8
-5°	834.3	1138.0	1592.5	2469.6	3968.6	6289.7	9724.3	14450.8	20682.6	29691.9	44511.0
-7.5°	843.2	1119.9	1546.4	2357.7	3730.3	5879.3	9017.6	13128.9	18265.8	25106.4	34284.3
-10°	835.1	1085.1	1469.6	2170.0	3359.9	5221.1	7943.0	11383.8	15653.1	20722.5	26958.2
-12.5°	803.7	1020.7	1344.2	1907.1	2880.2	4483.7	6861.9	9791.5	12951.4	16511.6	20820.6
-15°	763.9	951.4	1231.2	1726.8	2524.6	3752.8	5489.1	7865.7	10400.5	13103.6	15986.1
-17.5°	733.0	890.5	1122.2	1481.0	2067.8	3044.4	4408.8	6097.1	7959.9	10017.9	11726.0
-20°	691.1	815.6	1010.0	1303.1	1750.8	2397.8	3391.6	4618.1	5847.3	7294.3	8474.3



REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	649.2	757.6	905.5	1120.0	1453.1	1942.0	2555.9	3374.9	4273.8	5104.4	5922.0
-25°	610.2	693.8	813.4	989.3	1215.3	1548.9	1985.9	2455.7	3048.2	3553.8	4114.9
-27.5°	578.7	650.5	738.8	867.7	1043.1	1257.7	1570.6	1885.4	2197.0	2452.1	2838.4
-30°	548.2	606.0	679.9	771.8	903.3	1068.7	1271.8	1476.0	1655.8	1819.8	2021.0
-32.5°	518.3	565.4	622.0	698.3	792.6	917.0	1041.8	1188.2	1313.2	1428.5	1535.3
-35°	488.4	530.2	573.4	637.8	713.0	801.2	892.0	991.2	1077.7	1155.4	1224.1
-37.5°	461.4	498.1	538.7	586.6	647.2	713.7	787.8	859.8	917.0	967.4	1009.1
-40°	438.5	472.0	506.7	545.1	591.2	643.6	706.6	766.6	806.6	837.4	862.7
-42.5°	418.2	447.6	477.2	509.7	545.2	590.6	640.2	689.7	716.9	740.8	759.1
-45°	401.8	424.4	449.3	477.1	508.4	546.5	585.5	619.8	643.9	664.4	679.7
-47.5°	380.2	401.9	423.5	446.4	475.6	507.3	539.7	566.0	587.1	604.9	616.6
-50°	356.3	379.2	399.0	419.2	446.1	472.9	498.9	520.7	540.8	558.3	567.5
-52.5°	331.7	356.2	376.9	396.6	419.2	442.7	466.1	484.7	502.3	518.8	525.8
-55°	313.9	336.5	357.9	376.5	395.1	413.9	433.0	452.3	469.7	485.4	490.0
-57.5°	294.8	317.8	338.9	355.6	372.4	389.3	406.9	424.3	441.1	456.1	459.9
-60°	271.3	296.3	315.1	330.8	347.1	363.8	379.1	394.7	410.3	423.4	427.7
-62.5°	241.6	264.4	282.9	299.4	315.2	329.7	344.6	359.1	373.2	383.6	387.0
-65°	205.9	225.3	244.4	261.7	277.3	291.3	305.0	318.2	331.0	340.1	344.6
-67.5°	177.8	191.7	207.1	222.0	237.6	252.1	264.4	276.1	287.0	294.7	299.6
-70°	150.7	163.9	178.3	192.5	206.1	217.8	227.7	237.3	246.6	253.5	258.6
-72.5°	124.7	135.9	148.0	160.5	172.9	183.5	192.5	201.1	209.1	215.0	219.7
-75°	101.3	110.6	120.7	130.8	140.9	149.3	156.8	164.2	171.4	176.6	180.9
-77.5°	80.4	88.2	96.2	104.1	112.0	118.1	123.7	129.1	134.4	138.5	142.2
-80°	59.5	65.7	72.0	78.4	84.7	89.3	93.5	97.5	101.3	103.7	105.8
-82.5°	40.7	45.0	49.4	53.8	58.3	61.8	65.1	68.3	71.5	72.7	73.5
-85°	26.0	28.1	30.4	32.9	35.4	37.3	39.1	40.8	42.5	44.0	45.4
-87.5°	14.4	14.8	15.2	15.6	16.0	17.3	18.6	19.9	21.2	21.5	21.7
-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: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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	0.4	0.9
62.5°	4.0	4.2	4.4	4.4	4.4	4.2	4.0	3.6	3.2	3.4	4.0
60°	15.0	13.4	13.1	13.2	13.1	13.4	15.0	16.0	16.1	18.8	19.6
57.5°	67.0	74.5	76.6	74.8	76.6	74.5	67.0	59.0	51.0	50.0	51.1
55°	97.5	99.9	100.9	101.3	100.9	99.9	97.5	93.6	87.9	82.4	77.9
52.5°	119.6	118.8	118.6	118.9	118.6	118.8	119.6	119.1	116.9	111.4	102.9
50°	179.6	176.3	175.1	176.1	175.1	176.3	179.6	178.9	169.6	153.4	140.4
47.5°	229.6	230.6	232.2	233.3	232.2	230.6	229.6	228.6	219.4	202.0	183.4
45°	268.2	270.5	272.1	273.0	272.1	270.5	268.2	264.6	252.1	233.8	213.0
42.5°	307.5	307.8	307.4	308.2	307.4	307.8	307.5	304.5	290.4	271.5	249.7
40°	363.0	364.2	363.0	361.0	363.0	364.2	363.0	358.3	346.7	323.3	298.7
37.5°	474.4	476.1	470.8	466.7	470.8	476.1	474.4	464.4	447.1	415.5	384.2
35°	656.2	675.0	683.9	686.8	683.9	675.0	656.2	630.7	602.7	572.1	498.9
32.5°	864.8	891.0	904.2	915.8	904.2	891.0	864.8	830.0	779.6	710.6	621.5
30°	1163.8	1212.1	1233.4	1263.6	1233.4	1212.1	1163.8	1103.0	1010.4	900.8	775.3
27.5°	1651.6	1736.5	1783.6	1827.2	1783.6	1736.5	1651.6	1547.0	1362.6	1208.2	998.7
25°	2485.2	2648.8	2754.6	2804.6	2754.6	2648.8	2485.2	2273.4	1981.9	1703.3	1359.7
22.5°	3866.2	4167.7	4400.3	4446.8	4400.3	4167.7	3866.2	3411.0	2940.4	2451.7	1923.2
20°	6010.6	6442.0	6792.9	6969.7	6792.9	6442.0	6010.6	5237.5	4440.6	3612.8	2835.6
17.5°	9962.9	10860.1	11270.0	11337.3	11270.0	10860.1	9962.9	8502.9	7277.0	5873.1	4323.8
15°	15842.5	17360.9	18324.7	18945.3	18324.7	17360.9	15842.5	13348.8	11024.7	8824.1	6409.6
12.5°	22551.2	26865.4	29320.3	30256.2	29320.3	26865.4	22551.2	18619.0	14841.4	11525.0	8501.7
10°	31656.2	41812.5	47671.2	50619.2	47671.2	41812.5	31656.2	25223.7	19185.0	14277.0	10259.4
7.5°	47109.6	62796.3	80176.3	88217.1	80176.3	62796.3	47109.6	32202.6	23753.0	17250.8	12228.2
5°	63354.9	97796.3	128025.8	142501.7	128025.8	97796.3	63354.9	42925.3	28605.5	19893.8	13952.2
2.5°	82026.2	128473.7	171418.2	189475.4	171418.2	128473.7	82026.2	50771.1	32193.2	21467.1	14927.6
0°	89212.2	143316.2	190283.3	208006.9	190283.3	143316.2	89212.2	52459.6	32840.6	22031.7	15106.1
-2.5°	83137.1	130723.9	172156.1	192407.7	172156.1	130723.9	83137.1	50573.8	32485.8	22010.5	15248.6
-5°	66056.7	98335.3	129019.8	145522.0	129019.8	98335.3	66056.7	44511.0	29691.9	20682.6	14450.8
-7.5°	48481.5	66053.6	83094.7	89053.7	83094.7	66053.6	48481.5	34284.3	25106.4	18265.8	13128.9
-10°	33753.8	43816.2	50458.4	52353.9	50458.4	43816.2	33753.8	26958.2	20722.5	15653.1	11383.8
-12.5°	25025.1	29426.3	32488.7	33021.2	32488.7	29426.3	25025.1	20820.6	16511.6	12951.4	9791.5
-15°	18530.4	20768.6	22348.1	22454.4	22348.1	20768.6	18530.4	15986.1	13103.6	10400.5	7865.7
-17.5°	13545.8	15048.2	15845.3	15788.5	15845.3	15048.2	13545.8	11726.0	10017.9	7959.9	6097.1
-20°	9686.0	10591.6	11233.9	11108.3	11233.9	10591.6	9686.0	8474.3	7294.3	5847.3	4618.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-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°	6753.8	7355.0	7731.3	7634.5	7731.3	7355.0	6753.8	5922.0	5104.4	4273.8	3374.9
-25°	4589.1	4916.7	5103.0	5072.1	5103.0	4916.7	4589.1	4114.9	3553.8	3048.2	2455.7
-27.5°	3127.2	3300.2	3358.0	3354.9	3358.0	3300.2	3127.2	2838.4	2452.1	2197.0	1885.4
-30°	2170.5	2286.8	2353.3	2311.5	2353.3	2286.8	2170.5	2021.0	1819.8	1655.8	1476.0
-32.5°	1617.8	1683.3	1721.2	1681.9	1721.2	1683.3	1617.8	1535.3	1428.5	1313.2	1188.2
-35°	1275.0	1308.1	1321.5	1298.8	1321.5	1308.1	1275.0	1224.1	1155.4	1077.7	991.2
-37.5°	1039.4	1058.9	1065.5	1052.3	1065.5	1058.9	1039.4	1009.1	967.4	917.0	859.8
-40°	880.8	892.7	895.6	885.0	895.6	892.7	880.8	862.7	837.4	806.6	766.6
-42.5°	770.6	777.7	779.4	774.9	779.4	777.7	770.6	759.1	740.8	716.9	689.7
-45°	688.7	694.8	695.9	691.2	695.9	694.8	688.7	679.7	664.4	643.9	619.8
-47.5°	622.4	626.2	627.1	625.2	627.1	626.2	622.4	616.6	604.9	587.1	566.0
-50°	571.7	574.2	574.5	572.4	574.5	574.2	571.7	567.5	558.3	540.8	520.7
-52.5°	529.1	530.9	532.1	532.7	532.1	530.9	529.1	525.8	518.8	502.3	484.7
-55°	493.3	495.6	497.0	497.5	497.0	495.6	493.3	490.0	485.4	469.7	452.3
-57.5°	462.9	465.0	466.3	466.7	466.3	465.0	462.9	459.9	456.1	441.1	424.3
-60°	431.1	433.7	435.3	435.9	435.3	433.7	431.1	427.7	423.4	410.3	394.7
-62.5°	389.2	390.4	391.4	391.9	391.4	390.4	389.2	387.0	383.6	373.2	359.1
-65°	348.0	350.4	351.8	352.2	351.8	350.4	348.0	344.6	340.1	331.0	318.2
-67.5°	303.5	306.6	309.8	312.6	309.8	306.6	303.5	299.6	294.7	287.0	276.1
-70°	263.2	267.1	268.3	268.6	268.3	267.1	263.2	258.6	253.5	246.6	237.3
-72.5°	223.9	227.6	230.7	233.3	230.7	227.6	223.9	219.7	215.0	209.1	201.1
-75°	184.8	188.2	189.1	189.3	189.1	188.2	184.8	180.9	176.6	171.4	164.2
-77.5°	145.7	148.8	149.5	149.7	149.5	148.8	145.7	142.2	138.5	134.4	129.1
-80°	107.8	109.5	112.1	114.5	112.1	109.5	107.8	105.8	103.7	101.3	97.5
-82.5°	74.1	74.5	74.7	74.8	74.7	74.5	74.1	73.5	72.7	71.5	68.3
-85°	46.9	48.2	48.3	48.4	48.3	48.2	46.9	45.4	44.0	42.5	40.8
-87.5°	21.8	21.9	22.0	22.0	22.0	21.9	21.8	21.7	21.5	21.2	19.9
-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: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-NR-VSR-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°	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	0.3
65°	1.1	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.2
62.5°	4.5	4.9	5.0	4.6	3.4	2.1	2.6	3.1	2.1	0.4	1.5
60°	16.6	10.5	14.9	16.4	14.4	10.3	10.6	9.8	8.1	6.5	4.3
57.5°	54.2	52.4	43.0	37.2	35.4	31.4	25.8	20.6	18.2	14.6	10.3
55°	74.8	71.8	66.6	59.6	51.6	49.2	44.8	38.4	32.2	25.0	20.3
52.5°	92.0	92.8	89.9	81.4	74.2	69.5	63.3	57.3	49.8	42.7	33.3
50°	131.5	126.5	121.7	116.8	105.6	94.7	87.0	78.6	67.9	59.9	51.9
47.5°	167.8	160.4	155.3	148.9	136.1	124.6	112.5	100.7	87.3	74.8	67.0
45°	198.9	188.1	178.4	170.4	159.3	146.2	135.4	122.3	107.1	92.6	79.1
42.5°	230.5	214.1	201.0	192.9	179.5	166.0	153.8	143.8	127.3	110.4	96.7
40°	272.6	239.6	227.4	224.2	211.5	189.9	179.7	168.6	151.0	128.9	115.5
37.5°	341.9	297.8	276.2	264.8	253.3	231.0	210.9	196.4	180.6	155.7	136.4
35°	440.1	388.3	341.1	316.8	303.2	272.7	246.3	226.4	207.5	183.9	159.0
32.5°	526.2	467.9	411.6	369.0	338.4	310.3	280.8	256.2	231.5	207.3	182.7
30°	651.9	554.4	476.8	416.9	377.5	342.6	311.3	281.7	253.7	228.3	203.5
27.5°	822.7	667.1	561.7	477.3	418.7	377.1	341.5	306.9	275.0	247.6	222.2
25°	1073.9	825.2	667.5	553.7	468.6	415.4	374.6	334.6	297.3	266.2	244.7
22.5°	1434.7	1095.0	835.2	636.3	541.5	474.0	413.8	363.4	321.1	293.3	267.9
20°	2055.9	1465.7	1081.7	826.4	651.8	543.4	461.2	401.9	358.8	322.9	291.4
17.5°	3117.9	2160.2	1400.6	1064.1	815.6	647.3	528.8	450.1	395.7	352.7	315.0
15°	4419.3	2964.7	1957.9	1371.1	999.5	733.7	592.1	497.8	433.5	383.9	338.9
12.5°	5774.5	3730.3	2419.6	1604.2	1131.1	825.8	658.7	552.2	471.4	406.5	354.6
10°	6951.9	4517.0	2884.8	1879.7	1279.8	914.3	711.3	586.5	493.9	422.7	368.0
7.5°	8252.7	5321.5	3313.1	2081.3	1402.7	985.2	746.9	609.6	512.6	436.3	379.0
5°	9216.5	5935.7	3675.3	2265.3	1495.0	1039.4	774.7	626.1	527.2	447.1	387.7
2.5°	9863.1	6363.4	3902.7	2391.9	1552.2	1080.8	797.0	641.6	538.5	458.0	397.4
0°	10064.8	6406.1	4077.0	2470.0	1589.4	1118.3	814.5	656.0	545.9	466.7	405.1
-2.5°	10126.4	6479.5	4059.5	2487.1	1602.2	1138.3	821.9	658.7	551.7	470.0	406.2
-5°	9724.3	6289.7	3968.6	2469.6	1592.5	1138.0	834.3	663.5	555.0	471.1	405.3
-7.5°	9017.6	5879.3	3730.3	2357.7	1546.4	1119.9	843.2	669.7	558.0	474.5	408.4
-10°	7943.0	5221.1	3359.9	2170.0	1469.6	1085.1	835.1	666.3	556.0	474.0	409.1
-12.5°	6861.9	4483.7	2880.2	1907.1	1344.2	1020.7	803.7	652.7	549.0	469.1	407.2
-15°	5489.1	3752.8	2524.6	1726.8	1231.2	951.4	763.9	631.3	537.3	460.4	402.6
-17.5°	4408.8	3044.4	2067.8	1481.0	1122.2	890.5	733.0	614.0	523.4	451.5	396.4
-20°	3391.6	2397.8	1750.8	1303.1	1010.0	815.6	691.1	588.5	507.5	442.3	390.4



REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2555.9	1942.0	1453.1	1120.0	905.5	757.6	649.2	560.1	488.1	429.2	382.6
-25°	1985.9	1548.9	1215.3	989.3	813.4	693.8	610.2	537.5	472.8	416.2	373.4
-27.5°	1570.6	1257.7	1043.1	867.7	738.8	650.5	578.7	514.1	456.3	406.3	363.9
-30°	1271.8	1068.7	903.3	771.8	679.9	606.0	548.2	494.2	440.8	393.7	353.8
-32.5°	1041.8	917.0	792.6	698.3	622.0	565.4	518.3	472.8	422.0	380.7	343.2
-35°	892.0	801.2	713.0	637.8	573.4	530.2	488.4	445.8	404.4	366.0	331.1
-37.5°	787.8	713.7	647.2	586.6	538.7	498.1	461.4	423.8	386.1	350.9	318.7
-40°	706.6	643.6	591.2	545.1	506.7	472.0	438.5	403.8	370.3	335.0	305.3
-42.5°	640.2	590.6	545.2	509.7	477.2	447.6	418.2	387.9	355.1	321.6	290.3
-45°	585.5	546.5	508.4	477.1	449.3	424.4	401.8	371.6	339.4	306.0	274.2
-47.5°	539.7	507.3	475.6	446.4	423.5	401.9	380.2	353.4	319.8	288.3	261.1
-50°	498.9	472.9	446.1	419.2	399.0	379.2	356.3	328.4	299.4	273.5	247.9
-52.5°	466.1	442.7	419.2	396.6	376.9	356.2	331.7	307.6	282.8	258.4	234.9
-55°	433.0	413.9	395.1	376.5	357.9	336.5	313.9	289.9	265.7	242.9	218.8
-57.5°	406.9	389.3	372.4	355.6	338.9	317.8	294.8	271.3	246.3	223.2	200.6
-60°	379.1	363.8	347.1	330.8	315.1	296.3	271.3	247.2	224.0	202.2	180.4
-62.5°	344.6	329.7	315.2	299.4	282.9	264.4	241.6	219.3	199.3	180.3	160.7
-65°	305.0	291.3	277.3	261.7	244.4	225.3	205.9	189.6	174.1	158.0	140.7
-67.5°	264.4	252.1	237.6	222.0	207.1	191.7	177.8	163.8	149.4	134.6	119.1
-70°	227.7	217.8	206.1	192.5	178.3	163.9	150.7	137.7	124.3	111.9	100.0
-72.5°	192.5	183.5	172.9	160.5	148.0	135.9	124.7	114.1	103.7	93.4	82.8
-75°	156.8	149.3	140.9	130.8	120.7	110.6	101.3	92.7	83.9	74.9	65.9
-77.5°	123.7	118.1	112.0	104.1	96.2	88.2	80.4	72.6	65.3	58.5	52.3
-80°	93.5	89.3	84.7	78.4	72.0	65.7	59.5	54.2	49.3	44.7	40.3
-82.5°	65.1	61.8	58.3	53.8	49.4	45.0	40.7	37.4	34.3	31.3	28.3
-85°	39.1	37.3	35.4	32.9	30.4	28.1	26.0	24.2	22.4	20.5	18.6
-87.5°	18.6	17.3	16.0	15.6	15.2	14.8	14.4	13.1	11.8	10.5	9.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-NR-VSR-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°	0.0	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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.9	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.6	1.8	1.4
67.5°	0.0	0.0	0.0	0.9	1.5	1.3	0.3	0.7	1.8	2.8	2.5
65°	1.5	1.0	0.1	1.1	2.2	2.9	2.1	1.3	1.9	3.0	3.7
62.5°	2.6	3.3	2.5	1.8	2.4	3.5	4.1	2.8	2.3	3.1	4.1
60°	2.9	4.0	4.5	3.5	3.1	3.7	4.4	4.0	3.2	3.3	4.3
57.5°	7.7	5.0	5.0	4.8	4.0	4.1	4.4	4.4	3.9	3.7	4.4
55°	14.4	10.5	7.4	6.0	5.0	4.4	4.5	4.4	4.4	4.1	4.4
52.5°	25.0	18.2	13.3	9.0	6.7	5.0	5.0	4.4	4.4	4.3	4.4
50°	39.8	28.6	21.0	15.1	9.4	7.3	5.7	5.1	4.4	4.4	4.4
47.5°	58.2	42.8	30.6	22.1	15.5	10.0	7.8	6.1	4.4	4.4	4.4
45°	71.9	59.7	42.7	30.9	21.8	15.0	10.6	7.2	5.5	4.5	4.4
42.5°	85.3	74.3	58.0	39.5	29.9	20.7	13.5	9.7	6.7	4.8	4.6
40°	102.5	88.6	72.8	53.9	38.8	26.3	18.3	12.5	8.1	5.6	4.9
37.5°	120.1	104.7	87.4	67.8	49.0	34.8	23.2	15.5	10.2	7.1	5.3
35°	139.9	121.4	101.9	81.0	61.0	43.6	27.9	19.0	12.9	8.8	5.9
32.5°	159.9	137.4	115.3	93.9	72.3	52.7	34.6	23.5	15.6	10.5	6.5
30°	179.3	153.3	127.7	106.2	83.0	62.4	42.9	28.5	18.2	12.2	7.3
27.5°	196.9	168.8	139.7	117.1	93.7	71.4	51.3	33.8	20.7	14.2	8.7
25°	215.4	184.6	153.4	126.8	103.8	80.5	59.1	39.5	24.4	16.3	10.2
22.5°	236.4	200.6	166.6	135.6	114.4	89.4	66.6	46.2	28.8	18.3	11.6
20°	258.9	216.4	179.8	148.1	124.3	98.6	74.0	52.4	33.3	20.1	13.0
17.5°	282.0	233.7	195.9	162.4	134.2	107.1	81.1	58.1	37.8	21.9	14.4
15°	297.7	251.1	210.3	175.7	144.0	115.0	87.8	63.2	42.3	23.6	15.7
12.5°	310.8	266.1	223.1	188.0	153.7	122.2	94.0	67.8	46.6	25.8	17.1
10°	322.3	278.7	234.1	199.3	163.1	128.7	99.8	71.9	50.7	28.6	18.3
7.5°	332.3	289.1	243.7	209.5	172.0	135.3	104.5	75.5	54.1	31.5	19.4
5°	340.7	298.0	251.7	216.1	180.3	142.2	108.5	78.7	57.1	34.3	20.4
2.5°	347.3	306.2	258.5	220.9	187.5	148.6	111.9	81.4	59.6	37.1	21.2
0°	352.2	312.6	264.2	224.5	193.7	154.1	114.5	83.7	61.6	39.6	22.0
-2.5°	355.4	313.7	270.3	228.7	197.4	158.7	119.8	86.5	63.2	41.9	23.3
-5°	356.8	313.6	274.8	231.9	200.0	162.4	124.3	88.9	64.5	43.8	24.5
-7.5°	358.7	315.0	277.2	234.4	201.8	165.2	127.8	90.6	65.5	45.4	25.6
-10°	359.5	316.5	277.8	237.5	203.3	167.3	130.0	91.7	66.2	46.5	26.6
-12.5°	358.5	316.3	277.7	239.2	204.0	168.5	131.2	93.4	66.8	47.2	27.4
-15°	355.7	314.5	277.0	239.4	203.9	168.9	131.5	95.0	68.2	47.4	28.0
-17.5°	351.3	310.8	276.0	238.0	203.1	168.7	131.1	95.7	68.9	47.1	28.7
-20°	346.9	307.5	274.6	234.8	201.5	167.7	130.0	95.5	68.9	46.4	29.3

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REPORT NUMBER: P627378 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	341.2	304.4	269.7	231.6	199.3	166.2	128.2	94.4	68.1	45.3	29.7
-25°	334.0	299.6	264.1	229.1	196.6	163.1	126.1	92.4	66.5	43.9	29.8
-27.5°	326.8	293.2	258.3	225.7	192.7	159.3	123.2	90.4	64.2	42.2	29.7
-30°	318.3	285.9	253.1	221.0	187.4	153.9	119.2	87.4	61.9	41.3	29.4
-32.5°	309.2	278.6	247.3	213.9	180.7	148.0	114.0	83.2	59.1	40.8	29.0
-35°	299.9	270.5	240.3	205.0	173.4	141.5	108.8	77.9	56.0	39.9	28.6
-37.5°	289.0	260.4	228.9	195.5	165.7	134.6	103.9	74.9	52.5	38.8	28.1
-40°	276.6	248.1	215.9	186.7	157.6	127.2	98.6	72.1	50.2	37.3	27.4
-42.5°	262.8	234.2	205.5	177.6	149.1	120.9	93.2	68.7	49.2	36.1	26.7
-45°	248.5	221.7	195.7	168.2	140.5	114.4	88.6	65.0	47.7	35.1	25.8
-47.5°	235.1	211.0	185.1	158.1	133.0	107.7	83.3	62.5	45.6	33.9	25.0
-50°	223.8	199.4	173.5	147.9	124.3	100.9	77.8	59.2	43.9	32.6	23.9
-52.5°	210.8	186.2	160.8	136.6	114.9	93.3	73.0	55.4	41.5	31.0	22.6
-55°	195.3	170.9	146.6	125.4	105.1	86.0	67.5	51.3	38.4	29.1	21.1
-57.5°	177.3	153.6	133.7	114.4	95.3	77.9	61.3	46.5	35.6	27.0	19.4
-60°	158.8	139.6	121.3	102.5	84.9	69.1	54.2	41.7	32.7	24.7	17.5
-62.5°	142.3	124.7	106.8	89.5	74.2	59.9	47.0	37.9	29.6	22.1	15.5
-65°	123.8	107.2	91.1	76.9	63.3	51.3	42.2	33.9	26.2	19.4	13.7
-67.5°	103.9	90.6	77.0	64.1	54.1	45.3	37.1	29.5	22.6	16.4	12.5
-70°	87.8	75.3	64.2	55.1	46.7	38.9	31.6	24.9	18.8	14.7	11.3
-72.5°	72.4	62.8	54.1	46.3	39.0	32.2	25.9	20.4	16.4	12.9	10.0
-75°	57.7	50.7	43.9	37.1	31.0	25.4	21.3	17.2	13.8	10.9	8.7
-77.5°	46.2	40.0	33.7	28.9	25.2	21.3	17.5	13.8	11.4	9.5	7.5
-80°	35.5	31.2	27.5	24.2	20.7	17.2	14.2	11.7	9.9	8.1	6.3
-82.5°	25.6	23.3	21.3	19.3	16.6	14.1	11.9	9.9	8.3	6.6	4.9
-85°	17.4	16.3	15.3	14.4	12.6	10.9	9.1	7.4	5.9	4.5	3.3
-87.5°	8.9	8.5	8.0	7.6	6.5	5.5	4.6	3.7	2.9	2.3	1.7
-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	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.7	0.5	0.0	0.1	0.7	0.0
70°	0.5	1.0	0.9	0.1	0.2	0.8	0.0
67.5°	1.6	1.4	1.3	0.5	0.3	0.9	0.0
65°	2.5	1.9	1.8	1.0	0.3	1.0	0.0
62.5°	3.5	2.5	2.3	1.4	0.5	1.1	0.0
60°	4.3	3.1	2.8	1.9	0.6	1.2	0.0
57.5°	4.4	3.6	3.1	2.3	1.0	1.4	0.0
55°	4.4	4.1	3.4	2.8	1.3	1.5	0.0
52.5°	4.4	4.4	3.7	3.3	1.7	1.6	0.0
50°	4.4	4.4	3.9	3.8	2.0	1.7	0.0
47.5°	4.4	4.4	4.1	4.2	2.3	1.9	0.0
45°	4.4	4.4	4.2	4.3	2.6	2.0	0.0
42.5°	4.4	4.4	4.4	4.4	2.8	2.1	0.0
40°	4.4	4.4	4.4	4.4	3.1	2.3	0.0
37.5°	4.4	4.4	4.4	4.4	3.3	2.4	0.0
35°	4.4	4.4	4.4	4.4	3.5	2.6	0.0
32.5°	4.5	4.4	4.4	4.4	3.7	2.7	0.0
30°	5.0	4.4	4.4	4.4	3.8	2.9	0.0
27.5°	5.5	4.4	4.4	4.4	3.9	3.0	0.0
25°	6.0	4.4	4.4	4.4	4.1	3.1	0.0
22.5°	6.5	4.5	4.4	4.4	4.1	3.3	0.0
20°	7.1	4.8	4.4	4.4	4.2	3.4	0.0
17.5°	7.9	5.2	4.4	4.4	4.3	3.6	0.0
15°	8.8	5.6	4.4	4.4	4.3	3.7	0.0
12.5°	9.6	6.1	4.4	4.4	4.4	3.8	0.0
10°	10.4	6.7	4.4	4.4	4.4	4.0	0.0
7.5°	11.2	7.2	4.4	4.4	4.4	4.1	0.0
5°	11.9	7.8	4.4	4.4	4.4	4.2	0.0
2.5°	12.6	8.3	4.4	4.4	4.4	4.3	0.0
0°	13.2	8.8	4.4	4.4	4.4	4.4	0.0
-2.5°	14.3	9.3	4.8	4.4	4.4	4.4	0.0
-5°	15.4	9.7	5.2	4.4	4.4	4.4	0.0
-7.5°	16.4	10.1	5.5	4.4	4.4	4.4	0.0
-10°	17.3	10.4	5.8	4.4	4.4	4.3	0.0
-12.5°	18.0	10.7	6.1	4.4	4.4	4.3	0.0
-15°	18.5	10.9	6.4	4.4	4.4	4.2	0.0
-17.5°	18.9	11.1	6.6	4.4	4.4	4.2	0.0
-20°	19.2	11.3	6.7	4.4	4.4	4.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.4	11.4	6.8	4.4	4.4	4.1	0.0
-25°	19.5	11.7	6.7	4.4	4.4	4.0	0.0
-27.5°	19.5	12.0	6.6	4.4	4.4	3.9	0.0
-30°	19.4	12.2	6.5	4.4	4.4	3.8	0.0
-32.5°	19.2	12.2	6.5	4.4	4.4	3.7	0.0
-35°	19.1	12.2	6.4	4.4	4.4	3.6	0.0
-37.5°	19.1	12.1	6.2	4.4	4.4	3.5	0.0
-40°	18.8	11.9	6.0	4.4	4.4	3.4	0.0
-42.5°	18.4	11.5	5.9	4.4	4.4	3.2	0.0
-45°	17.9	11.0	6.1	4.6	4.4	3.1	0.0
-47.5°	17.2	10.5	6.2	4.6	4.4	3.0	0.0
-50°	16.3	9.8	6.3	4.7	4.4	2.8	0.0
-52.5°	15.2	9.0	6.3	4.7	4.4	2.7	0.0
-55°	14.1	8.7	6.2	4.8	4.4	2.5	0.0
-57.5°	12.7	8.5	6.1	4.8	4.4	2.4	0.0
-60°	11.4	8.2	6.0	4.7	4.4	2.2	0.0
-62.5°	10.8	7.9	5.8	4.7	4.1	2.0	0.0
-65°	10.2	7.5	5.6	4.6	3.7	1.9	0.0
-67.5°	9.4	7.0	5.4	4.5	3.4	1.7	0.0
-70°	8.5	6.5	5.1	4.4	3.0	1.5	0.0
-72.5°	7.6	5.9	4.8	4.0	2.6	1.3	0.0
-75°	6.6	5.3	4.5	3.4	2.3	1.1	0.0
-77.5°	5.6	4.6	3.8	2.8	1.9	1.0	0.0
-80°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-87.5°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)