

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: P627558 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5B-727-U-NR-VSR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627558 (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-SA5B-727-U-NR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR  
Light Source: (80) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 20108.1 lumens  
Efficiency: N/A  
Efficacy: 126.7 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 203829.2 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V  
Beam Lumens: 6419.4 lumens  
Beam Efficiency: 31.9%

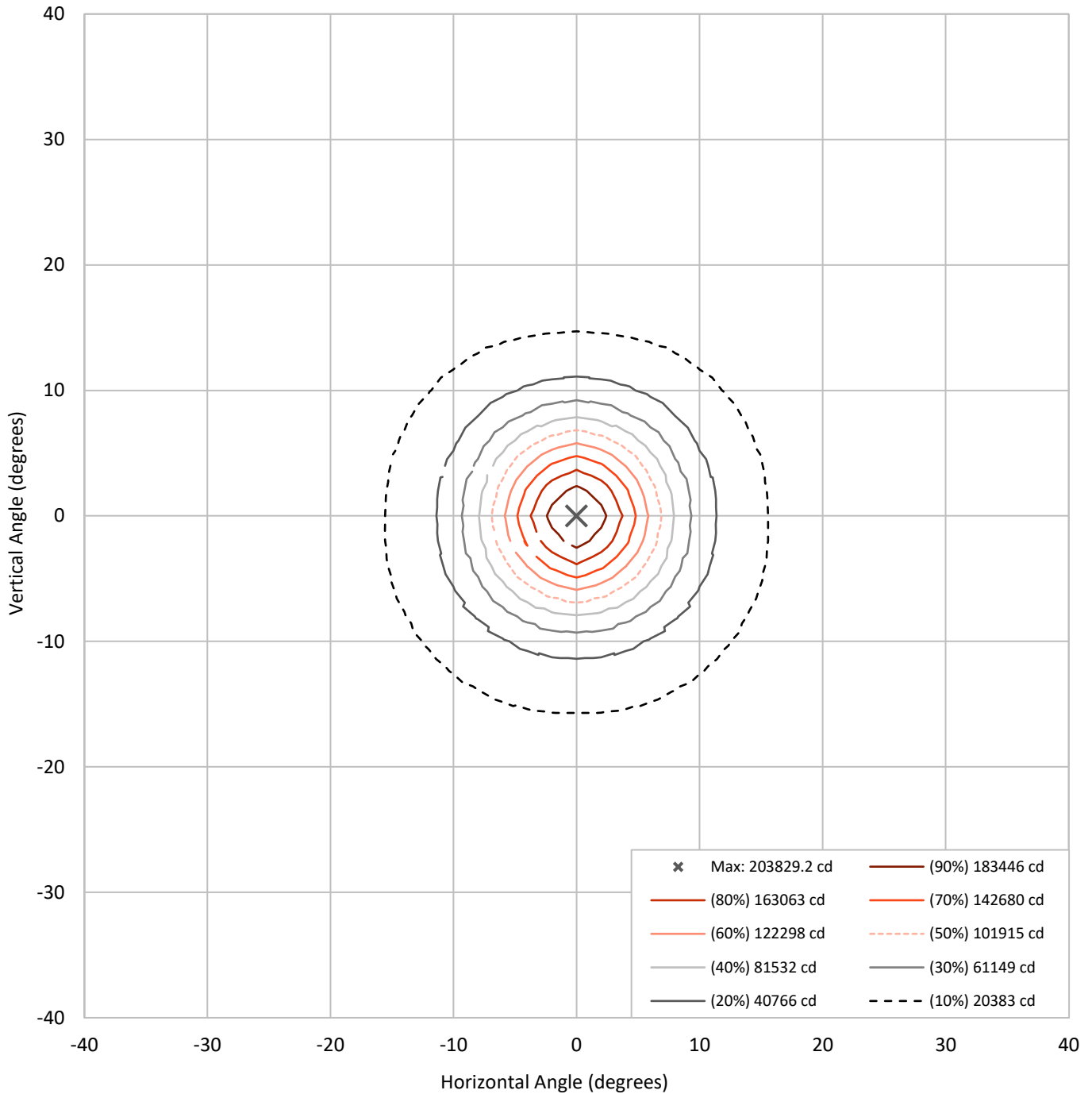
Field Angle (10%): 30.9°H x 30.2°V  
Field Lumens: 14298.2 lumens  
Field Efficiency: 71.1%

Input Watts (W): 158.7  
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





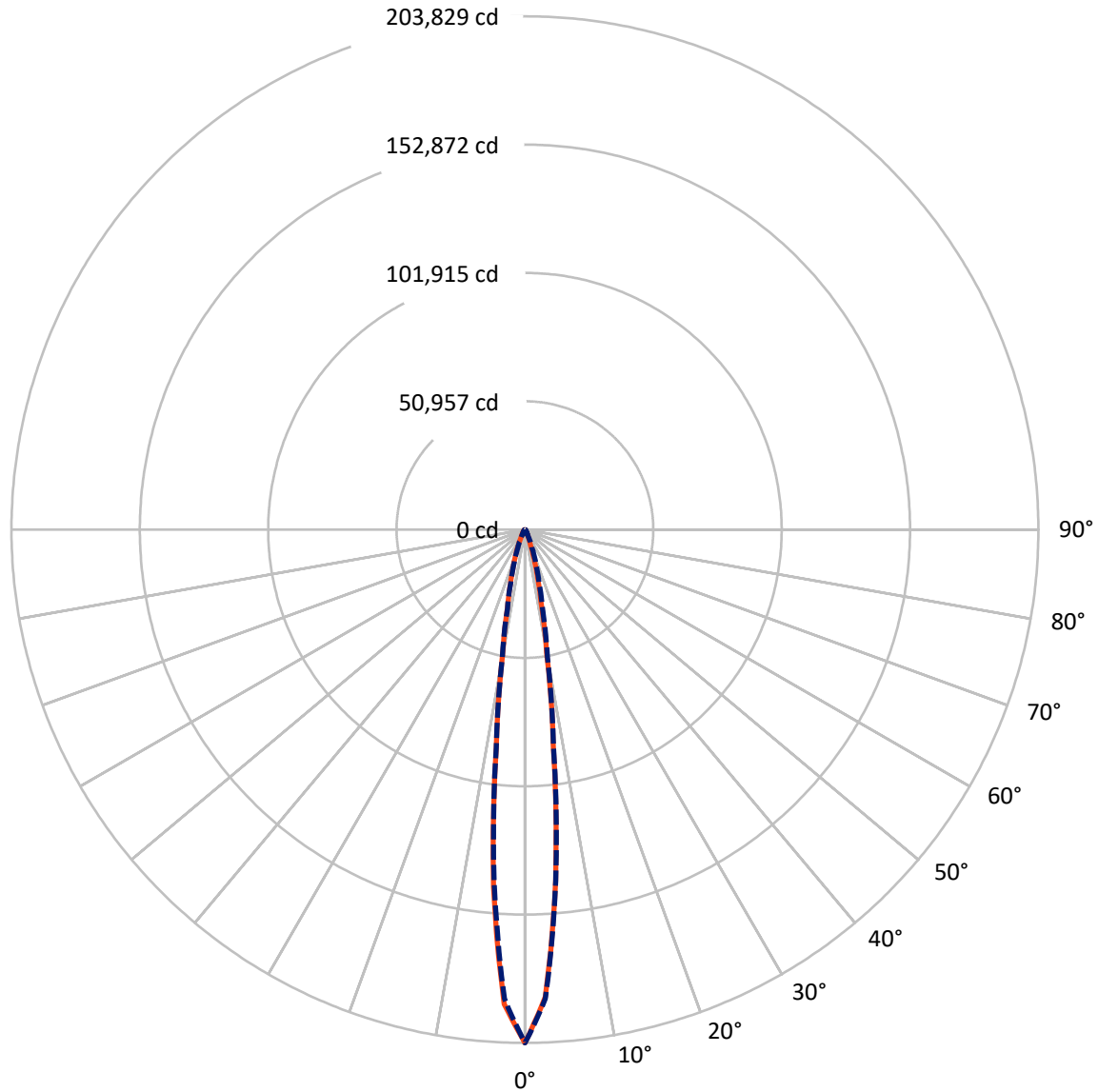
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### Lumen Table

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	0.1	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	4.8	6.8	8.0	8.0	6.8	4.8	3.3	1.8	0.6	0.1	0.1			
30		0.3	1.4	3.4	6.1	9.6	16.4	20.8	20.8	16.4	9.6	6.1	3.4	1.4	0.3				
20	0.2	0.6	2.2	5.2	9.4	20.5	54.6	90.5	90.5	54.6	20.5	9.4	5.2	2.2	0.6	0.2			
10		0.9	3.1	7.2	15.6	61.1	257.8	566.6	566.6	257.8	61.1	15.6	7.2	3.1	0.9				
0	0.3	1.1	3.7	8.4	21.1	114.8	617.7	2770.0	2770.0	617.7	114.8	21.1	8.4	3.7	1.1	0.3			
-10		1.2	4.1	8.9	22.7	122.3	639.3	2817.1	2817.1	639.3	122.3	22.7	8.9	4.1	1.2				
-20	0.4	1.3	4.1	8.7	19.9	77.8	310.3	663.8	663.8	310.3	77.8	19.9	8.7	4.1	1.3	0.4			
-30		1.3	4.0	8.0	15.4	36.4	95.6	159.4	159.4	95.6	36.4	15.4	8.0	4.0	1.3				
-40	0.4	1.1	3.6	7.1	12.0	20.0	32.5	41.3	41.3	32.5	20.0	12.0	7.1	3.6	1.1	0.4			
-50		0.9	2.9	5.9	9.7	14.0	18.8	20.9	20.9	18.8	14.0	9.7	5.9	2.9	0.9				
-60	0.2	0.7	2.2	4.6	7.7	10.7	13.5	14.8	14.8	13.5	10.7	7.7	4.6	2.2	0.7	0.2			
-70		0.4	1.4	3.0	5.1	7.5	9.4	10.4	10.4	9.4	7.5	5.1	3.0	1.4	0.4				
-80	0.1	1.2	5.1	11.1	14.1	11.1	5.1	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

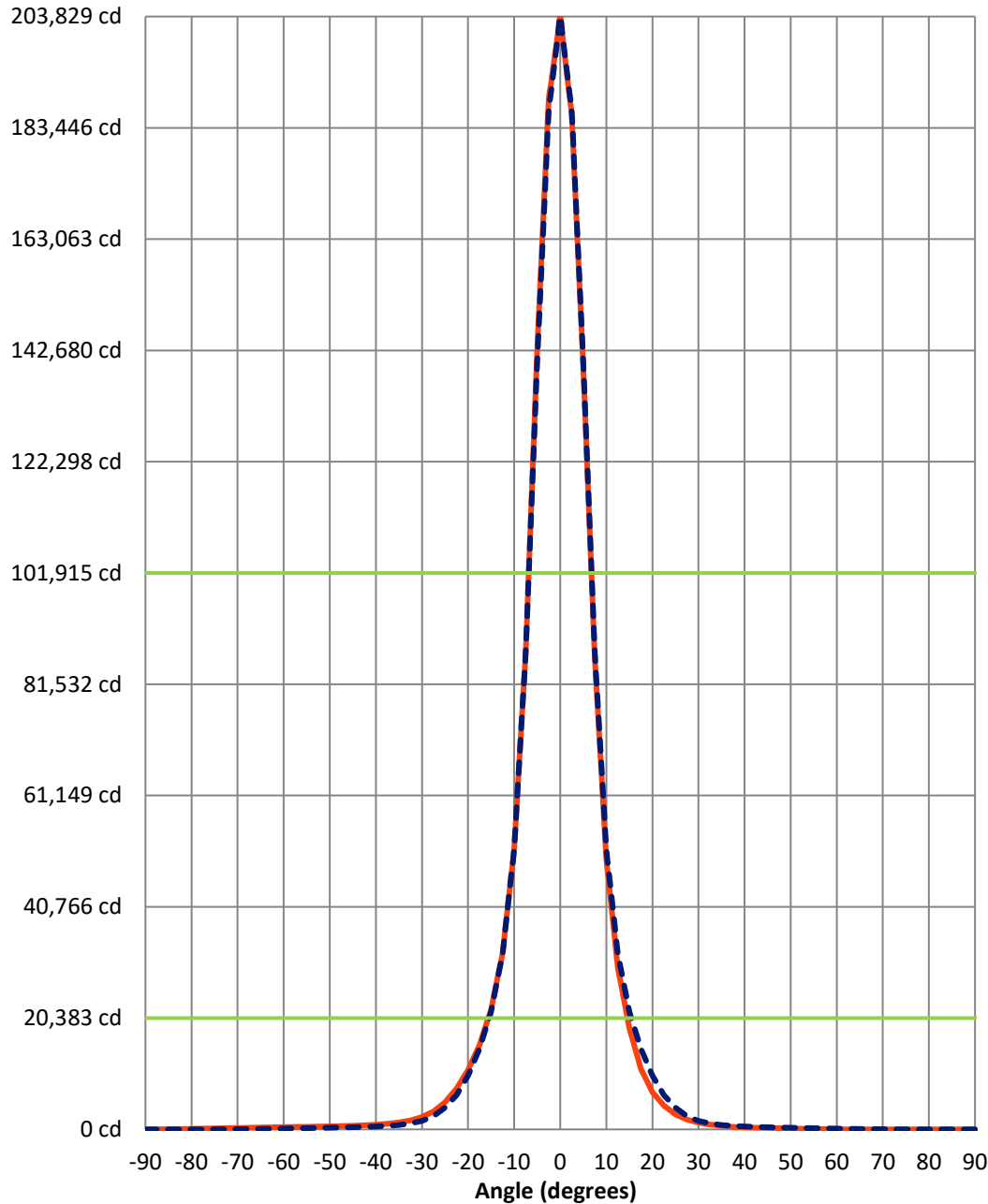


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.6°  
 V Angle: 13.6°  
 Lumens: 6419.4  
 Efficiency: 31.9%

**Field:**  
 H Angle: 30.9°  
 V Angle: 30.2°  
 Lumens: 14298.2  
 Efficiency: 71.1%

**Spill:**  
 Lumens: 5810  
 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	0.6	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	1.3	1.8	1.6	0.6
67.5°	0.0	0.9	0.2	0.5	1.3	1.3	1.5	2.4	2.8	1.7	0.7
65°	0.0	1.0	0.3	0.9	1.7	1.8	2.5	3.6	2.9	1.9	1.3
62.5°	0.0	1.1	0.4	1.4	2.2	2.4	3.4	4.0	3.1	2.2	2.7
60°	0.0	1.2	0.6	1.8	2.7	3.0	4.2	4.2	3.2	3.1	3.9
57.5°	0.0	1.3	0.9	2.3	3.0	3.5	4.3	4.3	3.6	3.8	4.3
55°	0.0	1.5	1.3	2.7	3.3	4.0	4.3	4.3	4.0	4.3	4.3
52.5°	0.0	1.6	1.6	3.2	3.6	4.3	4.3	4.3	4.2	4.3	4.3
50°	0.0	1.7	1.9	3.7	3.8	4.3	4.3	4.3	4.3	4.3	5.0
47.5°	0.0	1.8	2.2	4.1	4.0	4.3	4.3	4.3	4.3	4.3	5.9
45°	0.0	2.0	2.5	4.2	4.1	4.3	4.3	4.3	4.4	5.3	7.1
42.5°	0.0	2.1	2.8	4.3	4.3	4.3	4.3	4.5	4.7	6.5	9.5
40°	0.0	2.2	3.0	4.3	4.3	4.3	4.3	4.8	5.5	7.9	12.3
37.5°	0.0	2.4	3.2	4.3	4.3	4.3	4.3	5.2	7.0	9.9	15.2
35°	0.0	2.5	3.4	4.3	4.3	4.3	4.3	5.7	8.6	12.7	18.6
32.5°	0.0	2.7	3.6	4.3	4.3	4.3	4.3	6.3	10.3	15.3	23.1
30°	0.0	2.8	3.7	4.3	4.3	4.3	4.3	7.2	12.0	17.9	27.9
27.5°	0.0	2.9	3.8	4.3	4.3	4.3	4.3	8.6	13.9	20.3	33.1
25°	0.0	3.1	4.0	4.3	4.3	4.3	4.3	10.0	16.0	23.9	38.7
22.5°	0.0	3.2	4.0	4.3	4.3	4.4	6.4	11.3	17.9	28.3	45.3
20°	0.0	3.3	4.1	4.3	4.3	4.7	6.9	12.7	19.8	32.7	51.4
17.5°	0.0	3.5	4.2	4.3	4.3	5.1	7.7	14.1	21.5	37.1	56.9
15°	0.0	3.6	4.2	4.3	4.3	5.5	8.6	15.4	23.1	41.5	62.0
12.5°	0.0	3.7	4.3	4.3	4.3	6.0	9.4	16.8	25.3	45.8	66.5
10°	0.0	3.9	4.3	4.3	4.3	6.5	10.2	18.0	28.1	49.7	70.5
7.5°	0.0	4.0	4.3	4.3	4.3	7.0	11.0	19.0	30.9	53.1	74.0
5°	0.0	4.1	4.3	4.3	4.3	7.6	11.6	20.0	33.7	56.0	77.1
2.5°	0.0	4.2	4.3	4.3	4.3	8.1	12.3	20.9	36.3	58.4	79.8
0°	0.0	4.3	4.3	4.3	4.3	8.6	12.9	21.6	38.8	60.4	82.0
-2.5°	0.0	4.3	4.3	4.3	4.7	9.1	14.0	22.9	41.0	62.0	84.8
-5°	0.0	4.3	4.3	4.3	5.0	9.5	15.1	24.1	42.9	63.2	87.0
-7.5°	0.0	4.3	4.3	4.3	5.4	9.8	16.1	25.1	44.5	64.2	88.7
-10°	0.0	4.2	4.3	4.3	5.7	10.2	16.9	26.0	45.6	64.9	89.8
-12.5°	0.0	4.2	4.3	4.3	6.0	10.4	17.6	26.8	46.3	65.5	91.5
-15°	0.0	4.2	4.3	4.3	6.2	10.7	18.2	27.5	46.5	66.8	93.0
-17.5°	0.0	4.1	4.3	4.3	6.4	10.9	18.5	28.2	46.2	67.5	93.8
-20°	0.0	4.0	4.3	4.3	6.5	11.0	18.8	28.7	45.5	67.5	93.6

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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	4.0	4.3	4.3	6.6	11.1	19.0	29.1	44.5	66.7	92.5
-25°	0.0	3.9	4.3	4.3	6.6	11.4	19.1	29.2	43.1	65.2	90.5
-27.5°	0.0	3.8	4.3	4.3	6.5	11.7	19.1	29.1	41.4	63.0	88.5
-30°	0.0	3.7	4.3	4.3	6.3	11.9	19.0	28.8	40.5	60.6	85.6
-32.5°	0.0	3.6	4.3	4.3	6.3	12.0	18.8	28.5	40.0	57.9	81.5
-35°	0.0	3.5	4.3	4.3	6.2	12.0	18.8	28.1	39.2	54.9	76.3
-37.5°	0.0	3.4	4.3	4.3	6.1	11.8	18.7	27.5	38.0	51.5	73.4
-40°	0.0	3.3	4.3	4.3	5.8	11.6	18.5	26.9	36.6	49.3	70.7
-42.5°	0.0	3.2	4.3	4.3	5.8	11.3	18.1	26.1	35.4	48.2	67.4
-45°	0.0	3.0	4.3	4.5	6.0	10.8	17.5	25.3	34.4	46.8	63.7
-47.5°	0.0	2.9	4.3	4.5	6.1	10.2	16.8	24.5	33.2	44.7	61.2
-50°	0.0	2.8	4.3	4.6	6.1	9.6	16.0	23.4	32.0	43.0	58.1
-52.5°	0.0	2.6	4.3	4.6	6.1	8.8	14.9	22.2	30.4	40.7	54.2
-55°	0.0	2.5	4.3	4.7	6.1	8.5	13.8	20.7	28.6	37.6	50.3
-57.5°	0.0	2.3	4.3	4.6	6.0	8.3	12.5	19.0	26.5	34.9	45.6
-60°	0.0	2.1	4.3	4.6	5.9	8.0	11.1	17.2	24.2	32.1	40.9
-62.5°	0.0	2.0	4.0	4.6	5.7	7.7	10.6	15.2	21.7	29.0	37.2
-65°	0.0	1.8	3.6	4.5	5.5	7.3	9.9	13.3	19.0	25.7	33.2
-67.5°	0.0	1.6	3.3	4.4	5.3	6.8	9.2	12.3	16.1	22.2	28.9
-70°	0.0	1.5	2.9	4.3	5.0	6.3	8.4	11.0	14.4	18.4	24.4
-72.5°	0.0	1.3	2.6	3.9	4.7	5.8	7.5	9.7	12.6	16.0	20.1
-75°	0.0	1.1	2.2	3.3	4.4	5.2	6.5	8.5	10.7	13.5	16.9
-77.5°	0.0	0.9	1.9	2.8	3.7	4.5	5.5	7.3	9.3	11.2	13.5
-80°	0.0	0.7	1.5	2.2	3.0	3.7	4.4	6.1	7.9	9.6	11.4
-82.5°	0.0	0.6	1.1	1.7	2.2	2.8	3.3	4.8	6.5	8.1	9.7
-85°	0.0	0.4	0.7	1.1	1.5	1.9	2.2	3.2	4.4	5.7	7.2
-87.5°	0.0	0.2	0.4	0.6	0.7	0.9	1.1	1.6	2.2	2.9	3.6
-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	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.2	1.5	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.1	2.8	2.1	1.1	0.1	1.0	1.4	1.2	0.1	0.0	0.0
62.5°	4.0	3.4	2.4	1.8	2.4	3.3	2.5	1.5	0.4	2.1	3.0
60°	4.3	3.6	3.0	3.4	4.4	3.9	2.8	4.2	6.3	7.9	9.6
57.5°	4.3	4.0	3.9	4.6	4.9	4.9	7.6	10.1	14.3	17.8	20.2
55°	4.4	4.3	4.9	5.8	7.2	10.3	14.1	19.9	24.5	31.6	37.6
52.5°	4.9	4.9	6.5	8.8	13.0	17.8	24.5	32.7	41.9	48.8	56.1
50°	5.6	7.2	9.2	14.8	20.6	28.0	39.0	50.9	58.7	66.5	77.0
47.5°	7.7	9.8	15.2	21.7	30.0	41.9	57.1	65.6	73.3	85.6	98.6
45°	10.4	14.7	21.4	30.3	41.8	58.5	70.4	77.5	90.7	104.9	119.8
42.5°	13.2	20.3	29.3	38.7	56.9	72.8	83.6	94.7	108.1	124.7	140.9
40°	18.0	25.8	38.1	52.8	71.3	86.8	100.3	113.1	126.3	148.0	165.2
37.5°	22.8	34.1	48.0	66.4	85.6	102.5	117.6	133.6	152.5	177.0	192.5
35°	27.4	42.8	59.8	79.4	99.8	118.9	137.0	155.8	180.2	203.4	221.9
32.5°	33.9	51.7	70.8	92.0	113.0	134.6	156.6	179.1	203.2	226.8	251.1
30°	42.1	61.1	81.3	104.0	125.1	150.2	175.7	199.5	223.7	248.6	276.0
27.5°	50.4	70.0	91.8	114.7	136.9	165.4	193.0	217.8	242.6	269.4	300.7
25°	58.0	78.9	101.7	124.3	150.3	180.9	211.1	239.8	260.8	291.3	327.9
22.5°	65.3	87.6	112.1	132.9	163.3	196.6	231.7	262.5	287.4	314.7	356.1
20°	72.6	96.6	121.8	145.2	176.3	212.1	253.7	285.5	316.4	351.5	393.9
17.5°	79.5	104.9	131.5	159.1	192.0	229.0	276.3	308.7	345.6	387.7	441.0
15°	86.0	112.6	141.1	172.2	206.1	246.0	291.7	332.1	376.2	424.8	487.8
12.5°	92.1	119.7	150.6	184.2	218.6	260.7	304.5	347.5	398.3	461.9	541.2
10°	97.7	126.1	159.8	195.3	229.4	273.1	315.9	360.6	414.2	484.0	574.8
7.5°	102.4	132.5	168.6	205.3	238.8	283.3	325.6	371.4	427.5	502.4	597.4
5°	106.3	139.3	176.7	211.8	246.6	292.0	333.8	379.9	438.1	516.7	613.6
2.5°	109.6	145.6	183.8	216.5	253.3	300.0	340.4	389.4	448.8	527.8	628.7
0°	112.2	151.0	189.8	220.0	258.9	306.3	345.2	396.9	457.3	535.0	642.8
-2.5°	117.4	155.5	193.4	224.1	264.8	307.3	348.3	398.0	460.5	540.6	645.5
-5°	121.8	159.1	196.1	227.2	269.2	307.2	349.6	397.1	461.7	543.8	650.2
-7.5°	125.2	161.9	197.8	229.7	271.6	308.6	351.6	400.2	465.0	546.7	656.3
-10°	127.3	163.9	199.3	232.8	272.2	310.1	352.3	400.9	464.5	544.9	652.9
-12.5°	128.5	165.1	199.9	234.4	272.1	310.0	351.3	399.0	459.7	538.0	639.6
-15°	128.9	165.5	199.9	234.6	271.4	308.1	348.5	394.5	451.2	526.5	618.7
-17.5°	128.5	165.3	199.0	233.2	270.5	304.6	344.2	388.4	442.5	512.9	601.7
-20°	127.4	164.4	197.5	230.1	269.0	301.3	339.9	382.6	433.5	497.3	576.6

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

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REPORT NUMBER: P627558 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-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°	125.6	162.9	195.4	227.0	264.2	298.2	334.3	375.0	420.6	478.3	548.8
-25°	123.5	159.8	192.7	224.5	258.8	293.6	327.3	365.9	407.8	463.3	526.7
-27.5°	120.7	156.1	188.9	221.1	253.0	287.3	320.2	356.7	398.2	447.1	503.8
-30°	116.8	150.9	183.7	216.5	248.0	280.1	311.9	346.7	385.8	432.0	484.3
-32.5°	111.7	145.0	177.1	209.6	242.3	273.0	302.9	336.4	373.1	413.5	463.3
-35°	106.6	138.7	170.0	201.0	235.4	265.0	293.9	324.5	358.7	396.3	436.9
-37.5°	101.8	131.9	162.4	191.7	224.3	255.2	283.2	312.3	343.9	378.4	415.3
-40°	96.6	124.6	154.5	183.0	211.6	243.0	271.0	299.1	328.3	362.9	395.7
-42.5°	91.3	118.5	146.1	174.0	201.4	229.5	257.4	284.4	315.2	347.9	380.1
-45°	86.8	112.1	137.7	164.8	191.8	217.2	243.4	268.6	299.9	332.6	364.1
-47.5°	81.6	105.5	130.4	155.0	181.4	206.8	230.4	255.9	282.4	313.3	346.4
-50°	76.2	98.8	121.7	144.9	170.0	195.4	219.3	242.9	267.9	293.3	321.8
-52.5°	71.6	91.4	112.6	133.9	157.6	182.4	206.6	230.1	253.2	277.1	301.4
-55°	66.1	84.2	103.0	122.9	143.7	167.5	191.4	214.4	238.0	260.3	284.1
-57.5°	60.0	76.3	93.4	112.1	131.0	150.5	173.7	196.6	218.7	241.3	265.8
-60°	53.2	67.7	83.2	100.4	118.9	136.8	155.6	176.8	198.1	219.5	242.2
-62.5°	46.2	58.8	72.7	87.7	104.6	122.2	139.4	157.5	176.7	195.3	214.9
-65°	41.4	50.3	62.0	75.4	89.3	105.0	121.3	137.9	154.9	170.6	185.8
-67.5°	36.3	44.4	53.0	62.9	75.5	88.7	101.8	116.7	131.9	146.4	160.5
-70°	31.0	38.1	45.8	54.0	63.0	73.8	86.0	97.9	109.6	121.8	134.9
-72.5°	25.4	31.6	38.3	45.4	53.0	61.6	71.0	81.2	91.5	101.6	111.8
-75°	20.8	24.9	30.4	36.4	43.0	49.8	56.5	64.6	73.4	82.2	90.8
-77.5°	17.1	20.9	24.7	28.4	33.1	39.2	45.3	51.2	57.4	64.0	71.2
-80°	13.9	16.9	20.3	23.7	26.9	30.6	34.8	39.5	43.8	48.3	53.2
-82.5°	11.6	13.8	16.3	19.0	20.9	22.8	25.1	27.8	30.7	33.6	36.7
-85°	8.9	10.7	12.3	14.1	15.0	16.0	17.1	18.3	20.1	21.9	23.7
-87.5°	4.5	5.4	6.3	7.4	7.9	8.3	8.7	9.1	10.3	11.6	12.8
-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: P627558 (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	0.8	1.1	0.9	0.4	0.0	0.0
62.5°	2.5	2.1	3.3	4.4	4.9	4.8	4.4	3.9	3.3	3.1	3.5
60°	10.3	10.1	14.1	16.1	14.6	10.3	16.2	19.2	18.4	15.8	15.7
57.5°	25.3	30.7	34.7	36.4	42.2	51.4	53.2	50.1	49.0	50.0	57.8
55°	43.9	48.3	50.6	58.4	65.3	70.3	73.3	76.3	80.7	86.1	91.7
52.5°	62.1	68.1	72.7	79.8	88.1	90.9	90.1	100.8	109.1	114.5	116.7
50°	85.2	92.8	103.5	114.5	119.2	123.9	128.8	137.5	150.3	166.2	175.3
47.5°	110.2	122.0	133.3	145.9	152.2	157.1	164.5	179.8	197.9	215.1	224.0
45°	132.6	143.2	156.1	167.0	174.8	184.3	194.9	208.7	229.1	247.0	259.3
42.5°	150.7	162.6	175.9	189.0	197.0	209.8	225.9	244.7	266.0	284.6	298.4
40°	176.1	186.1	207.3	219.7	222.9	234.8	267.1	292.7	316.8	339.7	351.2
37.5°	206.6	226.3	248.2	259.6	270.6	291.8	335.0	376.5	407.2	438.2	455.1
35°	241.4	267.2	297.1	310.4	334.3	380.5	431.2	488.9	560.6	590.6	618.0
32.5°	275.2	304.1	331.6	361.5	403.3	458.5	515.6	609.1	696.3	763.9	813.3
30°	305.1	335.8	369.9	408.5	467.2	543.3	638.8	759.7	882.7	990.1	1080.9
27.5°	334.7	369.6	410.3	467.7	550.4	653.7	806.2	978.6	1184.0	1335.2	1515.8
25°	367.2	407.1	459.2	542.6	654.1	808.6	1052.3	1332.4	1669.1	1942.0	2227.7
22.5°	405.6	464.5	530.6	623.6	818.4	1073.0	1405.8	1884.6	2402.5	2881.3	3342.4
20°	452.0	532.5	638.7	809.8	1059.9	1436.2	2014.6	2778.7	3540.3	4351.5	5132.3
17.5°	518.1	634.3	799.2	1042.8	1372.4	2116.8	3055.3	4237.0	5755.1	7130.9	8332.1
15°	580.3	719.0	979.4	1343.6	1918.6	2905.2	4330.5	6280.9	8646.9	10803.2	13080.7
12.5°	645.5	809.2	1108.4	1572.0	2371.0	3655.4	5658.5	8330.9	11293.6	14543.4	18245.0
10°	697.1	896.0	1254.1	1841.9	2826.8	4426.3	6812.3	10053.3	13990.3	18799.7	24717.1
7.5°	731.9	965.4	1374.5	2039.5	3246.5	5214.7	8086.9	11982.6	16904.4	23275.9	31555.9
5°	759.2	1018.5	1465.0	2219.8	3601.5	5816.5	9031.3	13672.0	19494.2	28031.0	42063.2
2.5°	781.0	1059.1	1521.0	2343.8	3824.4	6235.6	9664.9	14627.8	21035.9	31546.6	49751.4
0°	798.2	1095.9	1557.5	2420.4	3995.1	6277.4	9862.7	14802.7	21589.2	32181.1	51406.0
-2.5°	805.4	1115.5	1570.0	2437.2	3978.1	6349.4	9923.1	14942.4	21568.4	31833.4	49558.1
-5°	817.6	1115.2	1560.6	2420.0	3888.9	6163.4	9529.0	14160.6	20267.2	29095.5	43617.0
-7.5°	826.3	1097.4	1515.4	2310.4	3655.4	5761.2	8836.5	12865.2	17899.0	24602.1	33595.8
-10°	818.3	1063.3	1440.1	2126.4	3292.4	5116.2	7783.5	11155.1	15338.7	20306.3	26416.7
-12.5°	787.5	1000.3	1317.2	1868.8	2822.4	4393.6	6724.1	9594.8	12691.3	16180.1	20402.4
-15°	748.5	932.3	1206.5	1692.0	2473.8	3677.4	5378.9	7707.7	10191.6	12840.5	15665.1
-17.5°	718.3	872.7	1099.7	1451.2	2026.2	2983.2	4320.3	5974.7	7800.0	9816.7	11490.6
-20°	677.2	799.2	989.8	1276.9	1715.6	2349.7	3323.4	4525.3	5729.8	7147.8	8304.1

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REPORT NUMBER: P627558 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-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°	636.1	742.4	887.4	1097.5	1423.9	1902.9	2504.6	3307.1	4187.9	5001.8	5803.0
-25°	597.9	679.8	797.1	969.5	1190.9	1517.8	1946.0	2406.4	2987.0	3482.4	4032.2
-27.5°	567.1	637.4	723.9	850.3	1022.1	1232.3	1539.0	1847.5	2152.8	2402.9	2781.4
-30°	537.3	593.8	666.2	756.3	885.1	1047.2	1246.2	1446.3	1622.6	1783.3	1980.4
-32.5°	508.0	554.1	609.5	684.3	776.7	898.5	1020.9	1164.3	1286.8	1399.8	1504.4
-35°	478.6	519.6	561.9	624.9	698.7	785.2	874.1	971.3	1056.1	1132.2	1199.6
-37.5°	452.1	488.1	527.9	574.8	634.2	699.4	772.0	842.6	898.6	948.0	988.9
-40°	429.7	462.5	496.5	534.1	579.3	630.7	692.4	751.2	790.4	820.6	845.4
-42.5°	409.8	438.6	467.6	499.5	534.2	578.7	627.4	675.9	702.6	725.9	743.8
-45°	393.7	415.8	440.2	467.5	498.2	535.4	573.7	607.3	631.0	651.1	666.0
-47.5°	372.5	393.8	415.0	437.5	466.1	497.2	528.8	554.6	575.3	592.8	604.2
-50°	349.2	371.6	391.0	410.8	437.1	463.4	488.9	510.3	530.0	547.1	556.1
-52.5°	325.0	349.1	369.4	388.7	410.8	433.8	456.7	475.0	492.3	508.4	515.3
-55°	307.6	329.8	350.8	368.9	387.2	405.5	424.3	443.2	460.3	475.6	480.2
-57.5°	288.8	311.4	332.1	348.4	364.9	381.5	398.6	415.7	432.2	446.9	450.6
-60°	265.8	290.4	308.8	324.2	340.2	356.6	371.5	386.7	402.0	414.9	419.0
-62.5°	236.7	259.0	277.2	293.4	308.9	323.1	337.7	351.9	365.7	375.9	379.2
-65°	201.8	220.7	239.5	256.4	271.7	285.4	298.9	311.9	324.4	333.3	337.8
-67.5°	174.2	187.9	202.9	217.5	232.9	247.0	259.1	270.5	281.2	288.8	293.5
-70°	147.6	160.6	174.8	188.7	202.0	213.5	223.1	232.5	241.6	248.3	253.4
-72.5°	122.2	133.2	144.9	157.2	169.4	179.8	188.7	197.1	205.0	210.7	215.3
-75°	99.2	108.3	118.2	128.1	138.0	146.3	153.7	160.9	168.0	173.0	177.3
-77.5°	78.8	86.4	94.2	102.0	109.7	115.7	121.2	126.5	131.7	135.7	139.4
-80°	58.4	64.4	70.6	76.8	83.0	87.5	91.6	95.5	99.2	101.5	103.6
-82.5°	39.9	44.1	48.4	52.8	57.2	60.5	63.8	67.0	70.1	71.2	72.0
-85°	25.5	27.6	29.8	32.2	34.7	36.6	38.3	40.0	41.6	43.1	44.6
-87.5°	14.2	14.6	15.0	15.3	15.7	17.0	18.3	19.6	20.9	21.1	21.3
-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: P627558 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	3.9	4.1	4.3	4.3	4.3	4.1	3.9	3.5	3.1	3.3	3.9
60°	14.7	13.1	12.8	12.9	12.8	13.1	14.7	15.7	15.8	18.4	19.2
57.5°	65.6	73.0	75.0	73.3	75.0	73.0	65.6	57.8	50.0	49.0	50.1
55°	95.5	97.8	98.8	99.2	98.8	97.8	95.5	91.7	86.1	80.7	76.3
52.5°	117.1	116.4	116.2	116.5	116.2	116.4	117.1	116.7	114.5	109.1	100.8
50°	176.1	172.8	171.6	172.6	171.6	172.8	176.1	175.3	166.2	150.3	137.5
47.5°	225.0	226.0	227.6	228.7	227.6	226.0	225.0	224.0	215.1	197.9	179.8
45°	262.8	265.1	266.7	267.5	266.7	265.1	262.8	259.3	247.0	229.1	208.7
42.5°	301.4	301.6	301.2	302.0	301.2	301.6	301.4	298.4	284.6	266.0	244.7
40°	355.8	356.9	355.7	353.8	355.7	356.9	355.8	351.2	339.7	316.8	292.7
37.5°	465.0	466.5	461.4	457.3	461.4	466.5	465.0	455.1	438.2	407.2	376.5
35°	643.0	661.4	670.2	673.0	670.2	661.4	643.0	618.0	590.6	560.6	488.9
32.5°	847.5	873.1	886.0	897.4	886.0	873.1	847.5	813.3	763.9	696.3	609.1
30°	1140.5	1187.8	1208.7	1238.2	1208.7	1187.8	1140.5	1080.9	990.1	882.7	759.7
27.5°	1618.4	1701.6	1747.7	1790.5	1747.7	1701.6	1618.4	1515.8	1335.2	1184.0	978.6
25°	2435.3	2595.6	2699.3	2748.3	2699.3	2595.6	2435.3	2227.7	1942.0	1669.1	1332.4
22.5°	3788.6	4084.0	4311.9	4357.5	4311.9	4084.0	3788.6	3342.4	2881.3	2402.5	1884.6
20°	5889.9	6312.6	6656.5	6829.7	6656.5	6312.6	5889.9	5132.3	4351.5	3540.3	2778.7
17.5°	9762.8	10642.0	11043.6	11109.6	11043.6	10642.0	9762.8	8332.1	7130.9	5755.1	4237.0
15°	15524.4	17012.2	17956.7	18564.8	17956.7	17012.2	15524.4	13080.7	10803.2	8646.9	6280.9
12.5°	22098.2	26325.8	28731.4	29648.5	28731.4	26325.8	22098.2	18245.0	14543.4	11293.6	8330.9
10°	31020.4	40972.7	46713.7	49602.6	46713.7	40972.7	31020.4	24717.1	18799.7	13990.3	10053.3
7.5°	46163.4	61535.0	78566.1	86445.4	78566.1	61535.0	46163.4	31555.9	23275.9	16904.4	11982.6
5°	62082.5	95832.1	125454.5	139639.6	125454.5	95832.1	62082.5	42063.2	28031.0	19494.2	13672.0
2.5°	80378.8	125893.4	167975.4	185669.9	167975.4	125893.4	80378.8	49751.4	31546.6	21035.9	14627.8
0°	87420.4	140437.8	186461.6	203829.2	186461.6	140437.8	87420.4	51406.0	32181.1	21589.2	14802.7
-2.5°	81467.3	128098.5	168698.4	188543.3	168698.4	128098.5	81467.3	49558.1	31833.4	21568.4	14942.4
-5°	64730.0	96360.3	126428.5	142599.3	126428.5	96360.3	64730.0	43617.0	29095.5	20267.2	14160.6
-7.5°	47507.8	64727.0	81425.8	87265.1	81425.8	64727.0	47507.8	33595.8	24602.1	17899.0	12865.2
-10°	33075.9	42936.2	49445.0	51302.4	49445.0	42936.2	33075.9	26416.7	20306.3	15338.7	11155.1
-12.5°	24522.5	28835.3	31836.1	32357.9	31836.1	28835.3	24522.5	20402.4	16180.1	12691.3	9594.8
-15°	18158.3	20351.5	21899.2	22003.4	21899.2	20351.5	18158.3	15665.1	12840.5	10191.6	7707.7
-17.5°	13273.8	14746.0	15527.0	15471.4	15527.0	14746.0	13273.8	11490.6	9816.7	7800.0	5974.7
-20°	9491.5	10378.9	11008.3	10885.2	11008.3	10378.9	9491.5	8304.1	7147.8	5729.8	4525.3

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REPORT NUMBER: P627558 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6618.2	7207.2	7576.0	7481.2	7576.0	7207.2	6618.2	5803.0	5001.8	4187.9	3307.1
-25°	4496.9	4817.9	5000.5	4970.2	5000.5	4817.9	4496.9	4032.2	3482.4	2987.0	2406.4
-27.5°	3064.4	3233.9	3290.5	3287.6	3290.5	3233.9	3064.4	2781.4	2402.9	2152.8	1847.5
-30°	2127.0	2240.9	2306.1	2265.1	2306.1	2240.9	2127.0	1980.4	1783.3	1622.6	1446.3
-32.5°	1585.3	1649.5	1686.7	1648.1	1686.7	1649.5	1585.3	1504.4	1399.8	1286.8	1164.3
-35°	1249.3	1281.8	1295.0	1272.7	1295.0	1281.8	1249.3	1199.6	1132.2	1056.1	971.3
-37.5°	1018.6	1037.6	1044.1	1031.1	1044.1	1037.6	1018.6	988.9	948.0	898.6	842.6
-40°	863.1	874.8	877.7	867.2	877.7	874.8	863.1	845.4	820.6	790.4	751.2
-42.5°	755.2	762.2	763.8	759.3	763.8	762.2	755.2	743.8	725.9	702.6	675.9
-45°	674.9	680.9	682.0	677.4	682.0	680.9	674.9	666.0	651.1	631.0	607.3
-47.5°	609.9	613.6	614.5	612.6	614.5	613.6	609.9	604.2	592.8	575.3	554.6
-50°	560.2	562.7	562.9	560.9	562.9	562.7	560.2	556.1	547.1	530.0	510.3
-52.5°	518.5	520.2	521.4	522.0	521.4	520.2	518.5	515.3	508.4	492.3	475.0
-55°	483.4	485.7	487.0	487.5	487.0	485.7	483.4	480.2	475.6	460.3	443.2
-57.5°	453.5	455.6	456.9	457.3	456.9	455.6	453.5	450.6	446.9	432.2	415.7
-60°	422.4	424.9	426.6	427.1	426.6	424.9	422.4	419.0	414.9	402.0	386.7
-62.5°	381.4	382.5	383.6	384.0	383.6	382.5	381.4	379.2	375.9	365.7	351.9
-65°	341.1	343.4	344.8	345.2	344.8	343.4	341.1	337.8	333.3	324.4	311.9
-67.5°	297.4	300.4	303.6	306.3	303.6	300.4	297.4	293.5	288.8	281.2	270.5
-70°	257.8	261.7	262.9	263.2	262.9	261.7	257.8	253.4	248.3	241.6	232.5
-72.5°	219.4	223.0	226.1	228.7	226.1	223.0	219.4	215.3	210.7	205.0	197.1
-75°	181.1	184.4	185.3	185.5	185.3	184.4	181.1	177.3	173.0	168.0	160.9
-77.5°	142.8	145.8	146.5	146.7	146.5	145.8	142.8	139.4	135.7	131.7	126.5
-80°	105.6	107.3	109.9	112.2	109.9	107.3	105.6	103.6	101.5	99.2	95.5
-82.5°	72.6	73.0	73.2	73.3	73.2	73.0	72.6	72.0	71.2	70.1	67.0
-85°	46.0	47.3	47.5	47.5	47.5	47.3	46.0	44.6	43.1	41.6	40.0
-87.5°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.3	21.1	20.9	19.6
-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):**

	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°	4.4	4.8	4.9	4.4	3.3	2.1	2.5	3.0	2.1	0.4	1.5
60°	16.2	10.3	14.6	16.1	14.1	10.1	10.3	9.6	7.9	6.3	4.2
57.5°	53.2	51.4	42.2	36.4	34.7	30.7	25.3	20.2	17.8	14.3	10.1
55°	73.3	70.3	65.3	58.4	50.6	48.3	43.9	37.6	31.6	24.5	19.9
52.5°	90.1	90.9	88.1	79.8	72.7	68.1	62.1	56.1	48.8	41.9	32.7
50°	128.8	123.9	119.2	114.5	103.5	92.8	85.2	77.0	66.5	58.7	50.9
47.5°	164.5	157.1	152.2	145.9	133.3	122.0	110.2	98.6	85.6	73.3	65.6
45°	194.9	184.3	174.8	167.0	156.1	143.2	132.6	119.8	104.9	90.7	77.5
42.5°	225.9	209.8	197.0	189.0	175.9	162.6	150.7	140.9	124.7	108.1	94.7
40°	267.1	234.8	222.9	219.7	207.3	186.1	176.1	165.2	148.0	126.3	113.1
37.5°	335.0	291.8	270.6	259.6	248.2	226.3	206.6	192.5	177.0	152.5	133.6
35°	431.2	380.5	334.3	310.4	297.1	267.2	241.4	221.9	203.4	180.2	155.8
32.5°	515.6	458.5	403.3	361.5	331.6	304.1	275.2	251.1	226.8	203.2	179.1
30°	638.8	543.3	467.2	408.5	369.9	335.8	305.1	276.0	248.6	223.7	199.5
27.5°	806.2	653.7	550.4	467.7	410.3	369.6	334.7	300.7	269.4	242.6	217.8
25°	1052.3	808.6	654.1	542.6	459.2	407.1	367.2	327.9	291.3	260.8	239.8
22.5°	1405.8	1073.0	818.4	623.6	530.6	464.5	405.6	356.1	314.7	287.4	262.5
20°	2014.6	1436.2	1059.9	809.8	638.7	532.5	452.0	393.9	351.5	316.4	285.5
17.5°	3055.3	2116.8	1372.4	1042.8	799.2	634.3	518.1	441.0	387.7	345.6	308.7
15°	4330.5	2905.2	1918.6	1343.6	979.4	719.0	580.3	487.8	424.8	376.2	332.1
12.5°	5658.5	3655.4	2371.0	1572.0	1108.4	809.2	645.5	541.2	461.9	398.3	347.5
10°	6812.3	4426.3	2826.8	1841.9	1254.1	896.0	697.1	574.8	484.0	414.2	360.6
7.5°	8086.9	5214.7	3246.5	2039.5	1374.5	965.4	731.9	597.4	502.4	427.5	371.4
5°	9031.3	5816.5	3601.5	2219.8	1465.0	1018.5	759.2	613.6	516.7	438.1	379.9
2.5°	9664.9	6235.6	3824.4	2343.8	1521.0	1059.1	781.0	628.7	527.8	448.8	389.4
0°	9862.7	6277.4	3995.1	2420.4	1557.5	1095.9	798.2	642.8	535.0	457.3	396.9
-2.5°	9923.1	6349.4	3978.1	2437.2	1570.0	1115.5	805.4	645.5	540.6	460.5	398.0
-5°	9529.0	6163.4	3888.9	2420.0	1560.6	1115.2	817.6	650.2	543.8	461.7	397.1
-7.5°	8836.5	5761.2	3655.4	2310.4	1515.4	1097.4	826.3	656.3	546.7	465.0	400.2
-10°	7783.5	5116.2	3292.4	2126.4	1440.1	1063.3	818.3	652.9	544.9	464.5	400.9
-12.5°	6724.1	4393.6	2822.4	1868.8	1317.2	1000.3	787.5	639.6	538.0	459.7	399.0
-15°	5378.9	3677.4	2473.8	1692.0	1206.5	932.3	748.5	618.7	526.5	451.2	394.5
-17.5°	4320.3	2983.2	2026.2	1451.2	1099.7	872.7	718.3	601.7	512.9	442.5	388.4
-20°	3323.4	2349.7	1715.6	1276.9	989.8	799.2	677.2	576.6	497.3	433.5	382.6



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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°	2504.6	1902.9	1423.9	1097.5	887.4	742.4	636.1	548.8	478.3	420.6	375.0
-25°	1946.0	1517.8	1190.9	969.5	797.1	679.8	597.9	526.7	463.3	407.8	365.9
-27.5°	1539.0	1232.3	1022.1	850.3	723.9	637.4	567.1	503.8	447.1	398.2	356.7
-30°	1246.2	1047.2	885.1	756.3	666.2	593.8	537.3	484.3	432.0	385.8	346.7
-32.5°	1020.9	898.5	776.7	684.3	609.5	554.1	508.0	463.3	413.5	373.1	336.4
-35°	874.1	785.2	698.7	624.9	561.9	519.6	478.6	436.9	396.3	358.7	324.5
-37.5°	772.0	699.4	634.2	574.8	527.9	488.1	452.1	415.3	378.4	343.9	312.3
-40°	692.4	630.7	579.3	534.1	496.5	462.5	429.7	395.7	362.9	328.3	299.1
-42.5°	627.4	578.7	534.2	499.5	467.6	438.6	409.8	380.1	347.9	315.2	284.4
-45°	573.7	535.4	498.2	467.5	440.2	415.8	393.7	364.1	332.6	299.9	268.6
-47.5°	528.8	497.2	466.1	437.5	415.0	393.8	372.5	346.4	313.3	282.4	255.9
-50°	488.9	463.4	437.1	410.8	391.0	371.6	349.2	321.8	293.3	267.9	242.9
-52.5°	456.7	433.8	410.8	388.7	369.4	349.1	325.0	301.4	277.1	253.2	230.1
-55°	424.3	405.5	387.2	368.9	350.8	329.8	307.6	284.1	260.3	238.0	214.4
-57.5°	398.6	381.5	364.9	348.4	332.1	311.4	288.8	265.8	241.3	218.7	196.6
-60°	371.5	356.6	340.2	324.2	308.8	290.4	265.8	242.2	219.5	198.1	176.8
-62.5°	337.7	323.1	308.9	293.4	277.2	259.0	236.7	214.9	195.3	176.7	157.5
-65°	298.9	285.4	271.7	256.4	239.5	220.7	201.8	185.8	170.6	154.9	137.9
-67.5°	259.1	247.0	232.9	217.5	202.9	187.9	174.2	160.5	146.4	131.9	116.7
-70°	223.1	213.5	202.0	188.7	174.8	160.6	147.6	134.9	121.8	109.6	97.9
-72.5°	188.7	179.8	169.4	157.2	144.9	133.2	122.2	111.8	101.6	91.5	81.2
-75°	153.7	146.3	138.0	128.1	118.2	108.3	99.2	90.8	82.2	73.4	64.6
-77.5°	121.2	115.7	109.7	102.0	94.2	86.4	78.8	71.2	64.0	57.4	51.2
-80°	91.6	87.5	83.0	76.8	70.6	64.4	58.4	53.2	48.3	43.8	39.5
-82.5°	63.8	60.5	57.2	52.8	48.4	44.1	39.9	36.7	33.6	30.7	27.8
-85°	38.3	36.6	34.7	32.2	29.8	27.6	25.5	23.7	21.9	20.1	18.3
-87.5°	18.3	17.0	15.7	15.3	15.0	14.6	14.2	12.8	11.6	10.3	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: P627558 (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°
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	1.3
67.5°	0.0	0.0	0.0	0.9	1.5	1.2	0.3	0.7	1.7	2.8	2.4
65°	1.4	1.0	0.1	1.1	2.1	2.8	2.1	1.3	1.9	2.9	3.6
62.5°	2.5	3.3	2.4	1.8	2.4	3.4	4.0	2.7	2.2	3.1	4.0
60°	2.8	3.9	4.4	3.4	3.0	3.6	4.3	3.9	3.1	3.2	4.2
57.5°	7.6	4.9	4.9	4.6	3.9	4.0	4.3	4.3	3.8	3.6	4.3
55°	14.1	10.3	7.2	5.8	4.9	4.3	4.4	4.3	4.3	4.0	4.3
52.5°	24.5	17.8	13.0	8.8	6.5	4.9	4.9	4.3	4.3	4.2	4.3
50°	39.0	28.0	20.6	14.8	9.2	7.2	5.6	5.0	4.3	4.3	4.3
47.5°	57.1	41.9	30.0	21.7	15.2	9.8	7.7	5.9	4.3	4.3	4.3
45°	70.4	58.5	41.8	30.3	21.4	14.7	10.4	7.1	5.3	4.4	4.3
42.5°	83.6	72.8	56.9	38.7	29.3	20.3	13.2	9.5	6.5	4.7	4.5
40°	100.3	86.8	71.3	52.8	38.1	25.8	18.0	12.3	7.9	5.5	4.8
37.5°	117.6	102.5	85.6	66.4	48.0	34.1	22.8	15.2	9.9	7.0	5.2
35°	137.0	118.9	99.8	79.4	59.8	42.8	27.4	18.6	12.7	8.6	5.7
32.5°	156.6	134.6	113.0	92.0	70.8	51.7	33.9	23.1	15.3	10.3	6.3
30°	175.7	150.2	125.1	104.0	81.3	61.1	42.1	27.9	17.9	12.0	7.2
27.5°	193.0	165.4	136.9	114.7	91.8	70.0	50.4	33.1	20.3	13.9	8.6
25°	211.1	180.9	150.3	124.3	101.7	78.9	58.0	38.7	23.9	16.0	10.0
22.5°	231.7	196.6	163.3	132.9	112.1	87.6	65.3	45.3	28.3	17.9	11.3
20°	253.7	212.1	176.3	145.2	121.8	96.6	72.6	51.4	32.7	19.8	12.7
17.5°	276.3	229.0	192.0	159.1	131.5	104.9	79.5	56.9	37.1	21.5	14.1
15°	291.7	246.0	206.1	172.2	141.1	112.6	86.0	62.0	41.5	23.1	15.4
12.5°	304.5	260.7	218.6	184.2	150.6	119.7	92.1	66.5	45.8	25.3	16.8
10°	315.9	273.1	229.4	195.3	159.8	126.1	97.7	70.5	49.7	28.1	18.0
7.5°	325.6	283.3	238.8	205.3	168.6	132.5	102.4	74.0	53.1	30.9	19.0
5°	333.8	292.0	246.6	211.8	176.7	139.3	106.3	77.1	56.0	33.7	20.0
2.5°	340.4	300.0	253.3	216.5	183.8	145.6	109.6	79.8	58.4	36.3	20.9
0°	345.2	306.3	258.9	220.0	189.8	151.0	112.2	82.0	60.4	38.8	21.6
-2.5°	348.3	307.3	264.8	224.1	193.4	155.5	117.4	84.8	62.0	41.0	22.9
-5°	349.6	307.2	269.2	227.2	196.1	159.1	121.8	87.0	63.2	42.9	24.1
-7.5°	351.6	308.6	271.6	229.7	197.8	161.9	125.2	88.7	64.2	44.5	25.1
-10°	352.3	310.1	272.2	232.8	199.3	163.9	127.3	89.8	64.9	45.6	26.0
-12.5°	351.3	310.0	272.1	234.4	199.9	165.1	128.5	91.5	65.5	46.3	26.8
-15°	348.5	308.1	271.4	234.6	199.9	165.5	128.9	93.0	66.8	46.5	27.5
-17.5°	344.2	304.6	270.5	233.2	199.0	165.3	128.5	93.8	67.5	46.2	28.2
-20°	339.9	301.3	269.0	230.1	197.5	164.4	127.4	93.6	67.5	45.5	28.7

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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°	334.3	298.2	264.2	227.0	195.4	162.9	125.6	92.5	66.7	44.5	29.1
-25°	327.3	293.6	258.8	224.5	192.7	159.8	123.5	90.5	65.2	43.1	29.2
-27.5°	320.2	287.3	253.0	221.1	188.9	156.1	120.7	88.5	63.0	41.4	29.1
-30°	311.9	280.1	248.0	216.5	183.7	150.9	116.8	85.6	60.6	40.5	28.8
-32.5°	302.9	273.0	242.3	209.6	177.1	145.0	111.7	81.5	57.9	40.0	28.5
-35°	293.9	265.0	235.4	201.0	170.0	138.7	106.6	76.3	54.9	39.2	28.1
-37.5°	283.2	255.2	224.3	191.7	162.4	131.9	101.8	73.4	51.5	38.0	27.5
-40°	271.0	243.0	211.6	183.0	154.5	124.6	96.6	70.7	49.3	36.6	26.9
-42.5°	257.4	229.5	201.4	174.0	146.1	118.5	91.3	67.4	48.2	35.4	26.1
-45°	243.4	217.2	191.8	164.8	137.7	112.1	86.8	63.7	46.8	34.4	25.3
-47.5°	230.4	206.8	181.4	155.0	130.4	105.5	81.6	61.2	44.7	33.2	24.5
-50°	219.3	195.4	170.0	144.9	121.7	98.8	76.2	58.1	43.0	32.0	23.4
-52.5°	206.6	182.4	157.6	133.9	112.6	91.4	71.6	54.2	40.7	30.4	22.2
-55°	191.4	167.5	143.7	122.9	103.0	84.2	66.1	50.3	37.6	28.6	20.7
-57.5°	173.7	150.5	131.0	112.1	93.4	76.3	60.0	45.6	34.9	26.5	19.0
-60°	155.6	136.8	118.9	100.4	83.2	67.7	53.2	40.9	32.1	24.2	17.2
-62.5°	139.4	122.2	104.6	87.7	72.7	58.8	46.2	37.2	29.0	21.7	15.2
-65°	121.3	105.0	89.3	75.4	62.0	50.3	41.4	33.2	25.7	19.0	13.3
-67.5°	101.8	88.7	75.5	62.9	53.0	44.4	36.3	28.9	22.2	16.1	12.3
-70°	86.0	73.8	63.0	54.0	45.8	38.1	31.0	24.4	18.4	14.4	11.0
-72.5°	71.0	61.6	53.0	45.4	38.3	31.6	25.4	20.1	16.0	12.6	9.7
-75°	56.5	49.8	43.0	36.4	30.4	24.9	20.8	16.9	13.5	10.7	8.5
-77.5°	45.3	39.2	33.1	28.4	24.7	20.9	17.1	13.5	11.2	9.3	7.3
-80°	34.8	30.6	26.9	23.7	20.3	16.9	13.9	11.4	9.6	7.9	6.1
-82.5°	25.1	22.8	20.9	19.0	16.3	13.8	11.6	9.7	8.1	6.5	4.8
-85°	17.1	16.0	15.0	14.1	12.3	10.7	8.9	7.2	5.7	4.4	3.2
-87.5°	8.7	8.3	7.9	7.4	6.3	5.4	4.5	3.6	2.9	2.2	1.6
-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):**

	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	0.6	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°	1.5	1.3	1.3	0.5	0.2	0.9	0.0
65°	2.5	1.8	1.7	0.9	0.3	1.0	0.0
62.5°	3.4	2.4	2.2	1.4	0.4	1.1	0.0
60°	4.2	3.0	2.7	1.8	0.6	1.2	0.0
57.5°	4.3	3.5	3.0	2.3	0.9	1.3	0.0
55°	4.3	4.0	3.3	2.7	1.3	1.5	0.0
52.5°	4.3	4.3	3.6	3.2	1.6	1.6	0.0
50°	4.3	4.3	3.8	3.7	1.9	1.7	0.0
47.5°	4.3	4.3	4.0	4.1	2.2	1.8	0.0
45°	4.3	4.3	4.1	4.2	2.5	2.0	0.0
42.5°	4.3	4.3	4.3	4.3	2.8	2.1	0.0
40°	4.3	4.3	4.3	4.3	3.0	2.2	0.0
37.5°	4.3	4.3	4.3	4.3	3.2	2.4	0.0
35°	4.3	4.3	4.3	4.3	3.4	2.5	0.0
32.5°	4.4	4.3	4.3	4.3	3.6	2.7	0.0
30°	4.9	4.3	4.3	4.3	3.7	2.8	0.0
27.5°	5.4	4.3	4.3	4.3	3.8	2.9	0.0
25°	5.9	4.3	4.3	4.3	4.0	3.1	0.0
22.5°	6.4	4.4	4.3	4.3	4.0	3.2	0.0
20°	6.9	4.7	4.3	4.3	4.1	3.3	0.0
17.5°	7.7	5.1	4.3	4.3	4.2	3.5	0.0
15°	8.6	5.5	4.3	4.3	4.2	3.6	0.0
12.5°	9.4	6.0	4.3	4.3	4.3	3.7	0.0
10°	10.2	6.5	4.3	4.3	4.3	3.9	0.0
7.5°	11.0	7.0	4.3	4.3	4.3	4.0	0.0
5°	11.6	7.6	4.3	4.3	4.3	4.1	0.0
2.5°	12.3	8.1	4.3	4.3	4.3	4.2	0.0
0°	12.9	8.6	4.3	4.3	4.3	4.3	0.0
-2.5°	14.0	9.1	4.7	4.3	4.3	4.3	0.0
-5°	15.1	9.5	5.0	4.3	4.3	4.3	0.0
-7.5°	16.1	9.8	5.4	4.3	4.3	4.3	0.0
-10°	16.9	10.2	5.7	4.3	4.3	4.2	0.0
-12.5°	17.6	10.4	6.0	4.3	4.3	4.2	0.0
-15°	18.2	10.7	6.2	4.3	4.3	4.2	0.0
-17.5°	18.5	10.9	6.4	4.3	4.3	4.1	0.0
-20°	18.8	11.0	6.5	4.3	4.3	4.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.0	11.1	6.6	4.3	4.3	4.0	0.0
-25°	19.1	11.4	6.6	4.3	4.3	3.9	0.0
-27.5°	19.1	11.7	6.5	4.3	4.3	3.8	0.0
-30°	19.0	11.9	6.3	4.3	4.3	3.7	0.0
-32.5°	18.8	12.0	6.3	4.3	4.3	3.6	0.0
-35°	18.8	12.0	6.2	4.3	4.3	3.5	0.0
-37.5°	18.7	11.8	6.1	4.3	4.3	3.4	0.0
-40°	18.5	11.6	5.8	4.3	4.3	3.3	0.0
-42.5°	18.1	11.3	5.8	4.3	4.3	3.2	0.0
-45°	17.5	10.8	6.0	4.5	4.3	3.0	0.0
-47.5°	16.8	10.2	6.1	4.5	4.3	2.9	0.0
-50°	16.0	9.6	6.1	4.6	4.3	2.8	0.0
-52.5°	14.9	8.8	6.1	4.6	4.3	2.6	0.0
-55°	13.8	8.5	6.1	4.7	4.3	2.5	0.0
-57.5°	12.5	8.3	6.0	4.6	4.3	2.3	0.0
-60°	11.1	8.0	5.9	4.6	4.3	2.1	0.0
-62.5°	10.6	7.7	5.7	4.6	4.0	2.0	0.0
-65°	9.9	7.3	5.5	4.5	3.6	1.8	0.0
-67.5°	9.2	6.8	5.3	4.4	3.3	1.6	0.0
-70°	8.4	6.3	5.0	4.3	2.9	1.5	0.0
-72.5°	7.5	5.8	4.7	3.9	2.6	1.3	0.0
-75°	6.5	5.2	4.4	3.3	2.2	1.1	0.0
-77.5°	5.5	4.5	3.7	2.8	1.9	0.9	0.0
-80°	4.4	3.7	3.0	2.2	1.5	0.7	0.0
-82.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0
-85°	2.2	1.9	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	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)