

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: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-MR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-727-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N63  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	14655.2 lumens	Max Intensity:	46906.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

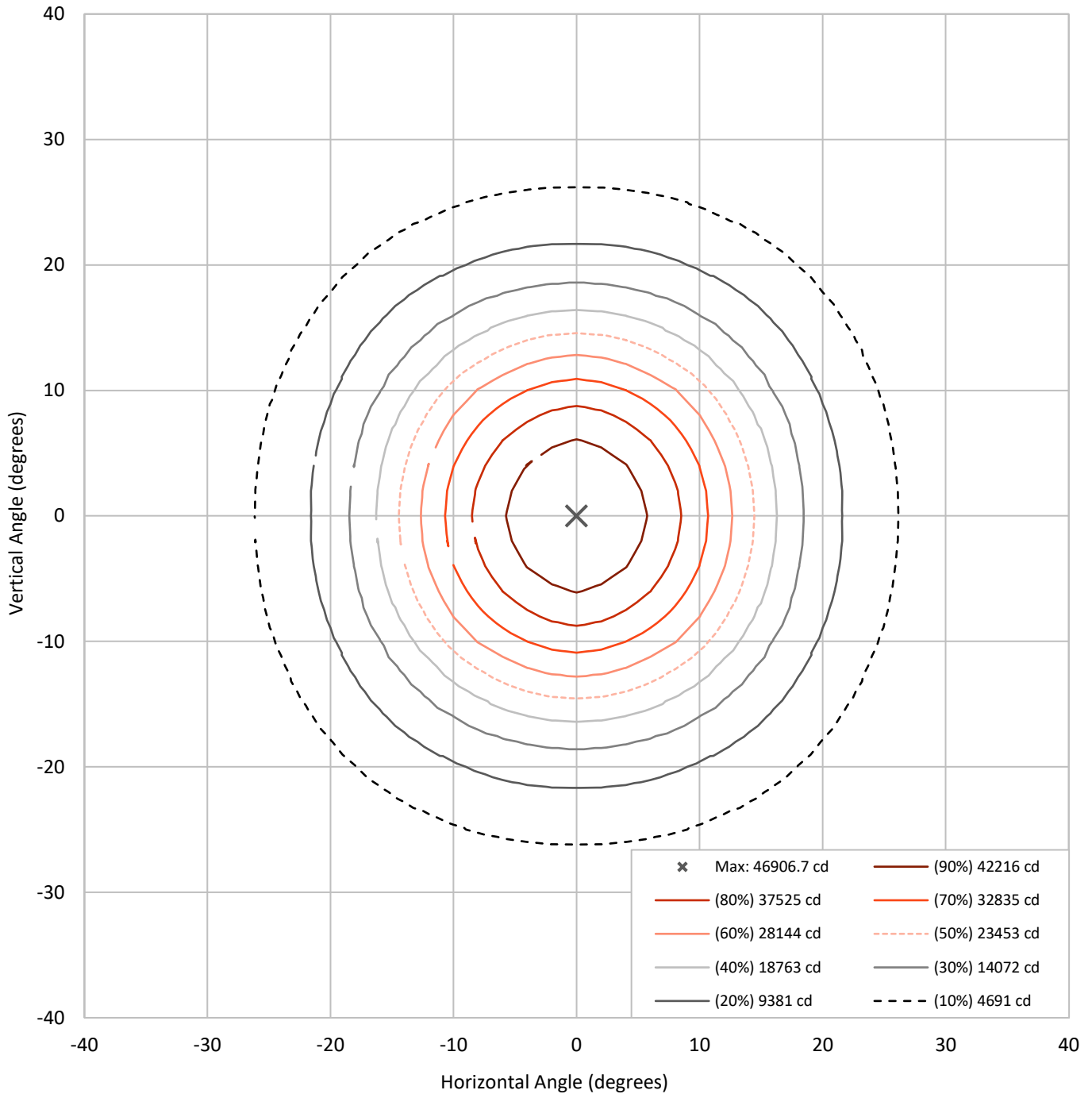
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	7125.2 lumens	Field Lumens:	12024.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%

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





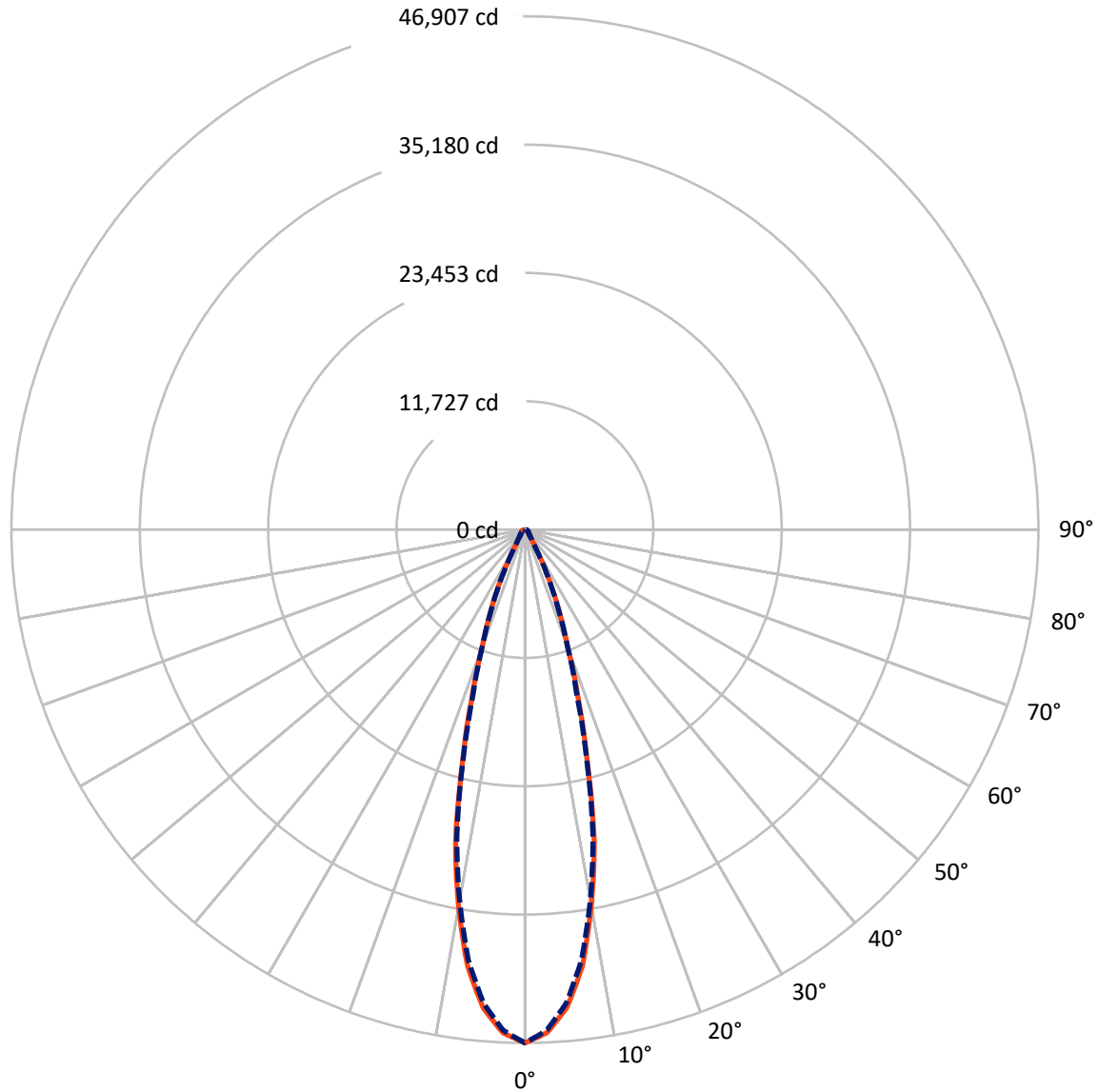
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### Lumen Table

90	0.3	2.4		6.4		10.1		11.2		10.1		6.4		2.4		0.3			
80	0.3	2.4		6.4		10.1		11.2		10.1		6.4		2.4		0.3			
70	1.1	1.3	2.5	4.1	5.8	7.1	7.9	8.3	8.3	7.9	7.1	5.8	4.1	2.5	1.3	1.1			
60		1.9	3.8	6.1	8.2	10.1	11.3	11.7	11.7	11.3	10.1	8.2	6.1	3.8	1.9				
50	1.9	2.4	4.9	7.5	10.0	12.7	14.9	16.0	16.0	14.9	12.7	10.0	7.5	4.9	2.4	1.9			
40		2.8	5.7	8.7	12.3	17.5	25.4	33.0	33.0	25.4	17.5	12.3	8.7	5.7	2.8				
30	2.5	3.2	6.2	9.8	15.8	34.3	96.5	171.1	171.1	96.5	34.3	15.8	9.8	6.2	3.2	2.5			
20		3.4	6.5	10.7	21.5	89.9	320.6	614.3	614.3	320.6	89.9	21.5	10.7	6.5	3.4				
10	2.7	3.5	6.7	11.2	27.3	155.3	593.4	1167.2	1167.2	593.4	155.3	27.3	11.2	6.7	3.5	2.7			
0		3.5	6.7	11.2	27.3	155.3	593.4	1167.2	1167.2	593.4	155.3	27.3	11.2	6.7	3.5				
-10	2.5	3.4	6.5	10.7	21.5	89.9	320.6	614.3	614.3	320.6	89.9	21.5	10.7	6.5	3.4	2.5			
-20		3.2	6.2	9.8	15.8	34.3	96.5	171.1	171.1	96.5	34.3	15.8	9.8	6.2	3.2				
-30	1.9	2.8	5.7	8.7	12.3	17.5	25.4	33.0	33.0	25.4	17.5	12.3	8.7	5.7	2.8	1.9			
-40		2.4	4.9	7.5	10.0	12.7	14.9	16.0	16.0	14.9	12.7	10.0	7.5	4.9	2.4				
-50	1.1	1.9	3.8	6.1	8.2	10.1	11.3	11.7	11.7	11.3	10.1	8.2	6.1	3.8	1.9	1.1			
-60		1.3	2.5	4.1	5.8	7.1	7.9	8.3	8.3	7.9	7.1	5.8	4.1	2.5	1.3				
-70	0.3	2.4		6.4		10.1		11.2		10.1		6.4		2.4		0.3			
-80		2.4		6.4		10.1		11.2		10.1		6.4		2.4					
-90	0.3	2.4		6.4		10.1		11.2		10.1		6.4		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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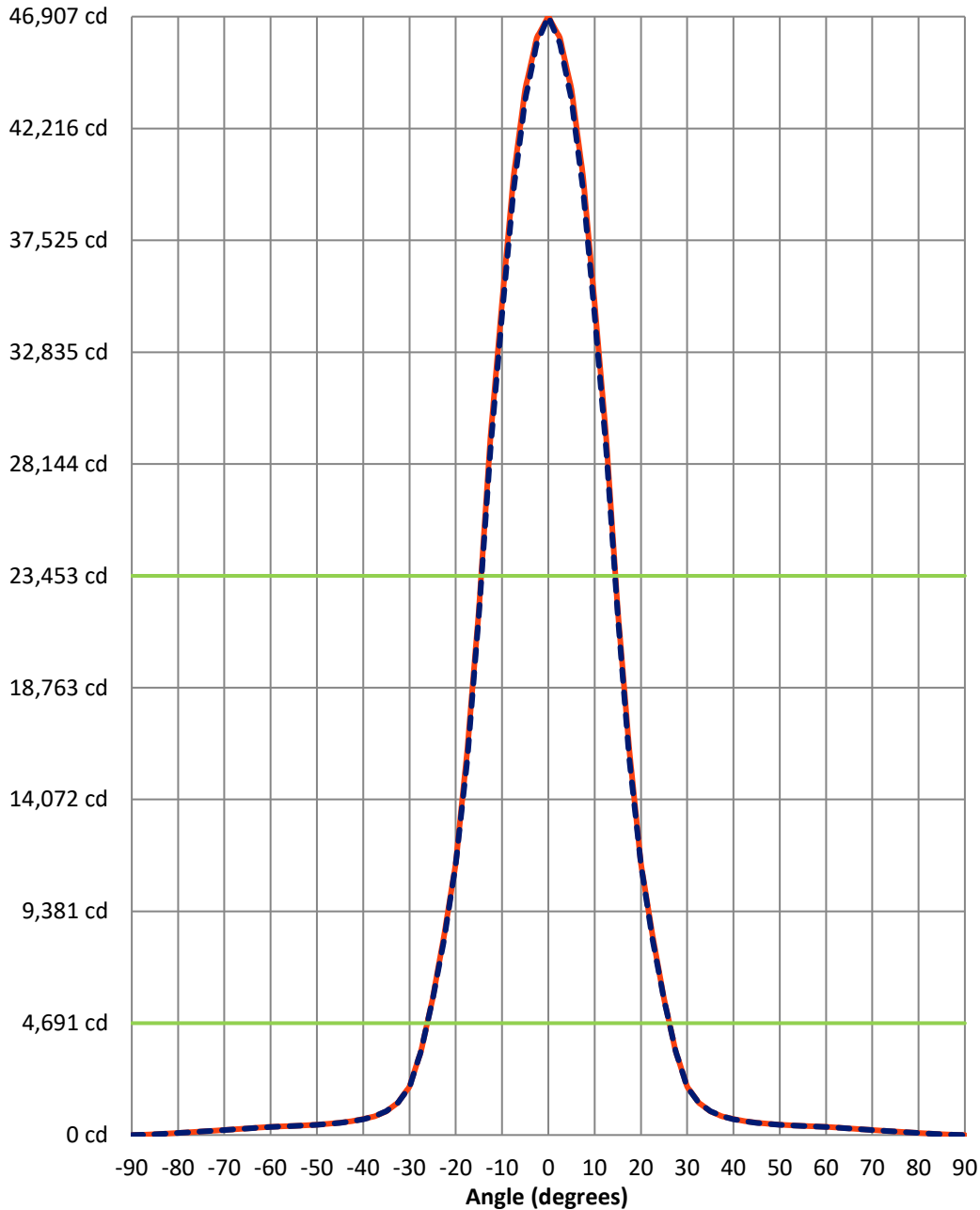
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 7125.2  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 12024.4  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 2630.8  
 Efficiency: 18.0%

— 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	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
85°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.2	8.2	9.2	10.1
82.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.5	15.4	18.4
80°	0.0	2.1	4.2	6.2	8.3	10.3	12.6	16.3	20.1	24.2	28.4
77.5°	0.0	2.6	5.2	7.8	10.3	13.6	18.0	22.7	27.7	32.9	38.6
75°	0.0	3.1	6.2	9.3	12.6	18.0	23.3	29.0	35.3	42.6	49.7
72.5°	0.0	3.6	7.2	10.8	16.2	22.4	28.6	35.7	44.1	52.5	60.7
70°	0.0	4.1	8.2	12.5	19.6	26.7	34.0	43.3	52.9	62.3	72.6
67.5°	0.0	4.6	9.2	15.1	23.1	31.0	40.5	50.9	61.5	73.1	84.5
65°	0.0	5.1	10.1	17.6	26.4	35.8	47.0	58.3	70.9	83.6	96.4
62.5°	0.0	5.5	11.1	20.1	29.7	41.1	53.3	66.2	80.2	94.1	108.8
60°	0.0	6.0	12.0	22.5	32.9	46.2	59.5	74.1	89.2	104.7	120.8
57.5°	0.0	6.4	13.6	24.8	36.9	51.3	66.0	81.8	98.2	115.0	132.6
55°	0.0	6.9	15.1	27.1	40.9	56.2	72.4	89.3	106.9	125.1	144.3
52.5°	0.0	7.3	16.6	29.4	44.7	61.0	78.5	96.6	115.2	135.2	155.6
50°	0.0	7.7	18.0	31.5	48.4	65.9	84.4	103.7	123.4	145.1	166.0
47.5°	0.0	8.1	19.4	33.7	51.9	70.5	90.0	110.5	131.8	154.6	175.9
45°	0.0	8.5	20.7	36.3	55.4	74.9	95.6	117.0	140.0	162.9	185.2
42.5°	0.0	8.8	22.0	38.8	58.6	79.1	100.9	123.5	147.7	170.8	193.8
40°	0.0	9.2	23.2	41.1	61.8	83.1	106.0	129.8	154.8	178.2	201.9
37.5°	0.0	9.5	24.4	43.2	64.8	86.8	110.8	135.8	161.0	185.3	209.6
35°	0.0	9.8	25.5	45.2	67.6	90.5	115.4	141.3	166.9	192.0	216.8
32.5°	0.0	10.1	26.5	47.1	70.2	94.1	119.7	146.4	172.5	198.2	223.8
30°	0.0	10.4	27.4	48.8	72.7	97.4	123.8	151.1	177.6	204.0	230.4
27.5°	0.0	10.6	28.3	50.4	74.9	100.4	127.5	155.2	182.3	209.4	236.4
25°	0.0	10.9	29.1	51.8	76.9	103.2	130.9	158.9	186.6	214.3	241.9
22.5°	0.0	11.1	29.9	53.0	78.8	105.7	133.9	162.3	190.5	218.7	247.4
20°	0.0	11.3	30.5	54.1	80.5	107.9	136.5	165.2	193.9	222.6	252.2
17.5°	0.0	11.4	31.1	55.0	82.0	109.8	138.9	167.8	196.9	226.0	256.5
15°	0.0	11.6	31.7	55.8	83.4	111.3	141.1	170.2	199.5	228.9	260.1
12.5°	0.0	11.7	32.1	56.4	84.5	112.6	143.0	172.5	201.8	231.2	263.1
10°	0.0	11.8	32.5	56.8	85.5	113.5	144.6	174.3	204.0	234.0	265.9
7.5°	0.0	11.9	32.7	57.2	86.3	114.2	145.8	175.7	205.6	236.5	268.9
5°	0.0	12.0	32.9	57.3	86.8	114.5	146.7	176.8	206.8	238.5	271.3
2.5°	0.0	12.0	33.1	57.3	87.2	114.6	147.3	177.4	207.6	240.0	273.0
0°	0.0	12.0	33.1	57.2	87.3	114.4	147.5	177.6	207.8	240.9	274.0
-2.5°	0.0	12.0	33.1	57.3	87.2	114.6	147.3	177.4	207.6	240.0	273.0
-5°	0.0	12.0	32.9	57.3	86.8	114.5	146.7	176.8	206.8	238.5	271.3
-7.5°	0.0	11.9	32.7	57.2	86.3	114.2	145.8	175.7	205.6	236.5	268.9
-10°	0.0	11.8	32.5	56.8	85.5	113.5	144.6	174.3	204.0	234.0	265.9
-12.5°	0.0	11.7	32.1	56.4	84.5	112.6	143.0	172.5	201.8	231.2	263.1
-15°	0.0	11.6	31.7	55.8	83.4	111.3	141.1	170.2	199.5	228.9	260.1
-17.5°	0.0	11.4	31.1	55.0	82.0	109.8	138.9	167.8	196.9	226.0	256.5
-20°	0.0	11.3	30.5	54.1	80.5	107.9	136.5	165.2	193.9	222.6	252.2

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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	11.1	29.9	53.0	78.8	105.7	133.9	162.3	190.5	218.7	247.4
-25°	0.0	10.9	29.1	51.8	76.9	103.2	130.9	158.9	186.6	214.3	241.9
-27.5°	0.0	10.6	28.3	50.4	74.9	100.4	127.5	155.2	182.3	209.4	236.4
-30°	0.0	10.4	27.4	48.8	72.7	97.4	123.8	151.1	177.6	204.0	230.4
-32.5°	0.0	10.1	26.5	47.1	70.2	94.1	119.7	146.4	172.5	198.2	223.8
-35°	0.0	9.8	25.5	45.2	67.6	90.5	115.4	141.3	166.9	192.0	216.8
-37.5°	0.0	9.5	24.4	43.2	64.8	86.8	110.8	135.8	161.0	185.3	209.6
-40°	0.0	9.2	23.2	41.1	61.8	83.1	106.0	129.8	154.8	178.2	201.9
-42.5°	0.0	8.8	22.0	38.8	58.6	79.1	100.9	123.5	147.7	170.8	193.8
-45°	0.0	8.5	20.7	36.3	55.4	74.9	95.6	117.0	140.0	162.9	185.2
-47.5°	0.0	8.1	19.4	33.7	51.9	70.5	90.0	110.5	131.8	154.6	175.9
-50°	0.0	7.7	18.0	31.5	48.4	65.9	84.4	103.7	123.4	145.1	166.0
-52.5°	0.0	7.3	16.6	29.4	44.7	61.0	78.5	96.6	115.2	135.2	155.6
-55°	0.0	6.9	15.1	27.1	40.9	56.2	72.4	89.3	106.9	125.1	144.3
-57.5°	0.0	6.4	13.6	24.8	36.9	51.3	66.0	81.8	98.2	115.0	132.6
-60°	0.0	6.0	12.0	22.5	32.9	46.2	59.5	74.1	89.2	104.7	120.8
-62.5°	0.0	5.5	11.1	20.1	29.7	41.1	53.3	66.2	80.2	94.1	108.8
-65°	0.0	5.1	10.1	17.6	26.4	35.8	47.0	58.3	70.9	83.6	96.4
-67.5°	0.0	4.6	9.2	15.1	23.1	31.0	40.5	50.9	61.5	73.1	84.5
-70°	0.0	4.1	8.2	12.5	19.6	26.7	34.0	43.3	52.9	62.3	72.6
-72.5°	0.0	3.6	7.2	10.8	16.2	22.4	28.6	35.7	44.1	52.5	60.7
-75°	0.0	3.1	6.2	9.3	12.6	18.0	23.3	29.0	35.3	42.6	49.7
-77.5°	0.0	2.6	5.2	7.8	10.3	13.6	18.0	22.7	27.7	32.9	38.6
-80°	0.0	2.1	4.2	6.2	8.3	10.3	12.6	16.3	20.1	24.2	28.4
-82.5°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.5	15.4	18.4
-85°	0.0	1.0	2.1	3.1	4.2	5.2	6.2	7.2	8.2	9.2	10.1
-87.5°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
85°	11.1	12.0	13.8	15.5	17.2	18.9	20.4	22.0	23.4	24.8	26.1
82.5°	21.2	24.0	26.7	29.3	31.8	34.3	36.7	39.0	41.1	43.2	45.2
80°	32.2	35.9	39.6	43.0	46.4	49.7	52.8	55.9	58.8	61.9	65.2
77.5°	43.9	48.6	52.9	56.8	61.1	66.2	71.1	75.9	80.5	84.8	88.9
75°	55.9	61.3	67.2	73.0	79.0	85.2	91.2	96.9	102.5	108.3	114.0
72.5°	68.6	75.9	83.0	89.9	97.5	105.0	111.8	118.1	125.2	133.0	140.1
70°	82.0	90.4	99.3	108.2	116.8	125.2	133.7	142.3	150.9	159.3	167.3
67.5°	95.5	106.1	116.4	126.4	136.2	146.3	156.4	166.7	176.6	186.2	195.4
65°	109.9	121.7	133.2	144.5	155.4	167.6	179.6	191.1	203.7	215.4	225.5
62.5°	123.9	137.1	149.8	162.6	175.8	189.3	203.1	217.6	232.6	243.5	252.8
60°	137.3	152.2	166.4	181.0	195.8	211.0	226.9	242.4	256.1	268.0	277.8
57.5°	150.4	167.1	182.9	198.7	214.9	232.2	249.7	265.5	278.3	289.7	300.5
55°	163.1	181.6	198.4	215.2	233.6	253.9	271.9	286.2	299.2	308.7	319.0
52.5°	175.2	195.0	212.6	231.4	252.5	273.6	291.4	305.3	316.2	326.0	336.1
50°	186.8	206.7	226.2	247.6	269.9	291.0	309.1	321.8	332.9	343.0	352.7
47.5°	197.2	218.0	239.9	262.9	286.2	307.0	324.4	337.3	348.8	359.2	369.8
45°	207.1	229.4	252.8	278.0	301.8	322.4	338.2	352.1	363.1	374.9	388.2
42.5°	216.6	240.4	265.8	292.6	316.9	335.8	351.1	364.5	377.1	391.2	406.0
40°	225.9	250.6	278.1	306.3	331.1	347.5	362.8	376.9	391.5	407.5	423.7
37.5°	234.5	261.1	289.7	319.1	341.5	358.5	374.3	390.1	406.5	423.7	443.9
35°	242.5	270.8	300.7	329.1	350.7	369.2	386.2	403.2	421.6	442.7	465.0
32.5°	250.2	279.6	311.0	337.7	359.1	378.9	397.5	416.9	438.0	461.2	486.6
30°	257.8	288.2	320.0	346.3	366.5	386.7	408.7	430.2	453.7	479.4	509.2
27.5°	265.2	296.1	327.5	353.1	373.0	393.6	417.2	443.4	469.0	497.2	531.7
25°	272.0	304.3	335.0	358.5	378.7	400.3	424.8	452.8	482.9	516.4	558.7
22.5°	278.4	311.7	342.0	363.1	383.4	406.0	432.5	462.0	494.7	533.5	585.2
20°	284.4	317.5	346.7	367.3	387.2	410.7	439.1	470.2	507.5	554.6	616.4
17.5°	289.6	322.4	349.9	370.8	391.3	415.4	444.7	477.1	519.1	573.2	646.4
15°	294.1	326.4	352.7	373.5	394.8	420.3	450.5	485.7	531.7	591.4	672.2
12.5°	297.8	329.5	355.0	375.4	397.5	424.0	455.4	494.1	544.4	611.2	707.0
10°	300.7	331.8	356.8	376.6	399.4	426.4	459.3	500.6	554.6	627.8	736.9
7.5°	303.5	333.8	358.2	377.1	400.5	427.6	462.0	505.3	562.1	640.3	760.7
5°	305.5	335.7	358.9	378.2	401.2	428.1	463.8	508.0	566.8	648.5	777.5
2.5°	306.7	336.8	358.9	379.1	401.2	428.3	465.9	509.4	572.0	655.4	787.1
0°	307.1	337.2	358.3	379.4	400.4	427.5	466.7	508.8	575.1	659.4	788.9
-2.5°	306.7	336.8	358.9	379.1	401.2	428.3	465.9	509.4	572.0	655.4	787.1
-5°	305.5	335.7	358.9	378.2	401.2	428.1	463.8	508.0	566.8	648.5	777.5
-7.5°	303.5	333.8	358.2	377.1	400.5	427.6	462.0	505.3	562.1	640.3	760.7
-10°	300.7	331.8	356.8	376.6	399.4	426.4	459.3	500.6	554.6	627.8	736.9
-12.5°	297.8	329.5	355.0	375.4	397.5	424.0	455.4	494.1	544.4	611.2	707.0
-15°	294.1	326.4	352.7	373.5	394.8	420.3	450.5	485.7	531.7	591.4	672.2
-17.5°	289.6	322.4	349.9	370.8	391.3	415.4	444.7	477.1	519.1	573.2	646.4
-20°	284.4	317.5	346.7	367.3	387.2	410.7	439.1	470.2	507.5	554.6	616.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	278.4	311.7	342.0	363.1	383.4	406.0	432.5	462.0	494.7	533.5	585.2
-25°	272.0	304.3	335.0	358.5	378.7	400.3	424.8	452.8	482.9	516.4	558.7
-27.5°	265.2	296.1	327.5	353.1	373.0	393.6	417.2	443.4	469.0	497.2	531.7
-30°	257.8	288.2	320.0	346.3	366.5	386.7	408.7	430.2	453.7	479.4	509.2
-32.5°	250.2	279.6	311.0	337.7	359.1	378.9	397.5	416.9	438.0	461.2	486.6
-35°	242.5	270.8	300.7	329.1	350.7	369.2	386.2	403.2	421.6	442.7	465.0
-37.5°	234.5	261.1	289.7	319.1	341.5	358.5	374.3	390.1	406.5	423.7	443.9
-40°	225.9	250.6	278.1	306.3	331.1	347.5	362.8	376.9	391.5	407.5	423.7
-42.5°	216.6	240.4	265.8	292.6	316.9	335.8	351.1	364.5	377.1	391.2	406.0
-45°	207.1	229.4	252.8	278.0	301.8	322.4	338.2	352.1	363.1	374.9	388.2
-47.5°	197.2	218.0	239.9	262.9	286.2	307.0	324.4	337.3	348.8	359.2	369.8
-50°	186.8	206.7	226.2	247.6	269.9	291.0	309.1	321.8	332.9	343.0	352.7
-52.5°	175.2	195.0	212.6	231.4	252.5	273.6	291.4	305.3	316.2	326.0	336.1
-55°	163.1	181.6	198.4	215.2	233.6	253.9	271.9	286.2	299.2	308.7	319.0
-57.5°	150.4	167.1	182.9	198.7	214.9	232.2	249.7	265.5	278.3	289.7	300.5
-60°	137.3	152.2	166.4	181.0	195.8	211.0	226.9	242.4	256.1	268.0	277.8
-62.5°	123.9	137.1	149.8	162.6	175.8	189.3	203.1	217.6	232.6	243.5	252.8
-65°	109.9	121.7	133.2	144.5	155.4	167.6	179.6	191.1	203.7	215.4	225.5
-67.5°	95.5	106.1	116.4	126.4	136.2	146.3	156.4	166.7	176.6	186.2	195.4
-70°	82.0	90.4	99.3	108.2	116.8	125.2	133.7	142.3	150.9	159.3	167.3
-72.5°	68.6	75.9	83.0	89.9	97.5	105.0	111.8	118.1	125.2	133.0	140.1
-75°	55.9	61.3	67.2	73.0	79.0	85.2	91.2	96.9	102.5	108.3	114.0
-77.5°	43.9	48.6	52.9	56.8	61.1	66.2	71.1	75.9	80.5	84.8	88.9
-80°	32.2	35.9	39.6	43.0	46.4	49.7	52.8	55.9	58.8	61.9	65.2
-82.5°	21.2	24.0	26.7	29.3	31.8	34.3	36.7	39.0	41.1	43.2	45.2
-85°	11.1	12.0	13.8	15.5	17.2	18.9	20.4	22.0	23.4	24.8	26.1
-87.5°	5.5	6.0	6.4	6.9	7.3	7.7	8.1	8.5	8.8	9.2	9.5
-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: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MR-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°	9.8	10.1	10.4	10.6	10.9	11.1	11.3	11.4	11.6	11.7	11.8
85°	27.4	28.5	29.6	30.6	31.6	31.8	31.9	31.8	31.7	32.1	32.5
82.5°	47.1	49.2	51.3	53.4	55.5	56.3	56.8	57.2	57.5	58.3	59.0
80°	68.4	71.7	74.8	77.6	80.0	81.8	83.4	84.8	86.2	86.8	87.1
77.5°	93.1	97.2	100.9	104.4	107.7	110.3	112.3	114.0	115.3	116.1	116.6
75°	119.7	124.8	129.4	133.7	137.6	140.3	142.2	143.6	144.5	145.5	146.3
72.5°	146.7	152.5	157.9	163.0	167.5	170.6	172.8	174.6	176.0	177.0	177.5
70°	174.9	181.9	187.9	193.0	197.0	200.1	202.4	204.3	205.8	206.8	207.4
67.5°	204.2	211.6	217.2	221.7	225.4	228.5	231.5	233.7	235.1	236.6	238.1
65°	234.0	241.6	247.4	252.1	255.9	260.0	263.8	266.7	268.5	270.2	271.9
62.5°	262.1	270.7	277.3	283.5	289.8	295.8	299.2	301.8	303.7	305.3	307.3
60°	287.6	297.3	305.5	313.0	320.6	328.3	331.5	334.0	336.3	338.5	340.5
57.5°	310.2	320.6	330.4	337.9	345.2	352.4	357.4	360.1	361.9	362.9	363.7
55°	329.9	340.3	350.1	358.7	366.6	374.0	379.6	382.2	384.2	385.4	386.2
52.5°	347.6	358.6	369.2	378.7	387.2	395.2	402.1	405.8	408.8	410.8	411.5
50°	364.9	376.8	388.2	398.4	408.4	418.0	426.8	431.8	435.4	437.6	438.3
47.5°	382.9	395.9	408.2	420.0	431.4	442.8	453.2	460.1	465.3	469.0	471.8
45°	401.8	415.7	429.4	443.3	456.4	471.0	484.2	494.3	501.8	508.2	513.4
42.5°	420.7	436.4	452.1	470.1	487.9	504.5	520.1	533.5	545.8	557.8	567.1
40°	441.4	458.5	480.0	501.2	523.2	542.5	565.4	585.9	604.7	625.0	641.9
37.5°	463.9	486.0	511.4	536.9	565.4	593.2	625.2	656.6	684.0	719.6	748.1
35°	488.5	516.5	546.4	580.6	617.4	661.0	705.7	758.2	802.7	859.2	911.5
32.5°	515.8	548.7	587.6	634.5	684.3	754.2	819.7	908.7	984.8	1082.9	1190.1
30°	543.6	586.2	639.0	699.6	783.8	883.0	998.6	1149.1	1311.8	1480.1	1706.7
27.5°	576.6	631.8	697.8	791.4	917.3	1054.6	1290.2	1544.6	1899.0	2179.5	2679.1
25°	612.1	680.4	778.0	913.6	1087.6	1365.4	1763.1	2223.6	2932.7	3563.3	4288.2
22.5°	654.1	747.0	876.1	1053.7	1357.1	1835.1	2455.8	3401.4	4452.5	5489.9	6438.1
20°	698.7	810.8	991.4	1280.7	1749.6	2440.7	3548.2	4899.3	6294.7	7716.5	8914.7
17.5°	750.6	902.9	1140.8	1525.1	2194.0	3377.3	4856.5	6574.6	8397.6	10211.9	11787.8
15°	795.3	983.4	1303.8	1879.3	2876.8	4357.0	6175.0	8344.8	10637.4	12991.9	15543.8
12.5°	852.3	1080.5	1471.7	2172.3	3482.7	5406.6	7631.0	10150.2	12949.9	16076.1	20054.4
10°	904.6	1182.3	1692.6	2641.6	4211.0	6387.1	8888.7	11746.9	15378.2	20076.1	24874.9
7.5°	946.5	1263.0	1863.9	3007.8	4821.8	7224.6	10021.2	13448.0	17978.4	23572.5	29055.5
5°	975.6	1319.0	1986.5	3284.5	5313.1	7864.8	10824.9	14702.0	20170.0	26434.4	32032.9
2.5°	993.9	1349.6	2046.5	3448.8	5633.6	8249.9	11326.2	15498.9	21513.2	28256.3	33924.6
0°	1002.6	1354.9	2008.3	3528.8	5678.5	8222.8	11372.1	15765.0	21832.0	28751.0	34396.4
-2.5°	993.9	1349.6	2046.5	3448.8	5633.6	8249.9	11326.2	15498.9	21513.2	28256.3	33924.6
-5°	975.6	1319.0	1986.5	3284.5	5313.1	7864.8	10824.9	14702.0	20170.0	26434.4	32032.9
-7.5°	946.5	1263.0	1863.9	3007.8	4821.8	7224.6	10021.2	13448.0	17978.4	23572.5	29055.5
-10°	904.6	1182.3	1692.6	2641.6	4211.0	6387.1	8888.7	11746.9	15378.2	20076.1	24874.9
-12.5°	852.3	1080.5	1471.7	2172.3	3482.7	5406.6	7631.0	10150.2	12949.9	16076.1	20054.4
-15°	795.3	983.4	1303.8	1879.3	2876.8	4357.0	6175.0	8344.8	10637.4	12991.9	15543.8
-17.5°	750.6	902.9	1140.8	1525.1	2194.0	3377.3	4856.5	6574.6	8397.6	10211.9	11787.8
-20°	698.7	810.8	991.4	1280.7	1749.6	2440.7	3548.2	4899.3	6294.7	7716.5	8914.7



REPORT NUMBER: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	654.1	747.0	876.1	1053.7	1357.1	1835.1	2455.8	3401.4	4452.5	5489.9	6438.1
-25°	612.1	680.4	778.0	913.6	1087.6	1365.4	1763.1	2223.6	2932.7	3563.3	4288.2
-27.5°	576.6	631.8	697.8	791.4	917.3	1054.6	1290.2	1544.6	1899.0	2179.5	2679.1
-30°	543.6	586.2	639.0	699.6	783.8	883.0	998.6	1149.1	1311.8	1480.1	1706.7
-32.5°	515.8	548.7	587.6	634.5	684.3	754.2	819.7	908.7	984.8	1082.9	1190.1
-35°	488.5	516.5	546.4	580.6	617.4	661.0	705.7	758.2	802.7	859.2	911.5
-37.5°	463.9	486.0	511.4	536.9	565.4	593.2	625.2	656.6	684.0	719.6	748.1
-40°	441.4	458.5	480.0	501.2	523.2	542.5	565.4	585.9	604.7	625.0	641.9
-42.5°	420.7	436.4	452.1	470.1	487.9	504.5	520.1	533.5	545.8	557.8	567.1
-45°	401.8	415.7	429.4	443.3	456.4	471.0	484.2	494.3	501.8	508.2	513.4
-47.5°	382.9	395.9	408.2	420.0	431.4	442.8	453.2	460.1	465.3	469.0	471.8
-50°	364.9	376.8	388.2	398.4	408.4	418.0	426.8	431.8	435.4	437.6	438.3
-52.5°	347.6	358.6	369.2	378.7	387.2	395.2	402.1	405.8	408.8	410.8	411.5
-55°	329.9	340.3	350.1	358.7	366.6	374.0	379.6	382.2	384.2	385.4	386.2
-57.5°	310.2	320.6	330.4	337.9	345.2	352.4	357.4	360.1	361.9	362.9	363.7
-60°	287.6	297.3	305.5	313.0	320.6	328.3	331.5	334.0	336.3	338.5	340.5
-62.5°	262.1	270.7	277.3	283.5	289.8	295.8	299.2	301.8	303.7	305.3	307.3
-65°	234.0	241.6	247.4	252.1	255.9	260.0	263.8	266.7	268.5	270.2	271.9
-67.5°	204.2	211.6	217.2	221.7	225.4	228.5	231.5	233.7	235.1	236.6	238.1
-70°	174.9	181.9	187.9	193.0	197.0	200.1	202.4	204.3	205.8	206.8	207.4
-72.5°	146.7	152.5	157.9	163.0	167.5	170.6	172.8	174.6	176.0	177.0	177.5
-75°	119.7	124.8	129.4	133.7	137.6	140.3	142.2	143.6	144.5	145.5	146.3
-77.5°	93.1	97.2	100.9	104.4	107.7	110.3	112.3	114.0	115.3	116.1	116.6
-80°	68.4	71.7	74.8	77.6	80.0	81.8	83.4	84.8	86.2	86.8	87.1
-82.5°	47.1	49.2	51.3	53.4	55.5	56.3	56.8	57.2	57.5	58.3	59.0
-85°	27.4	28.5	29.6	30.6	31.6	31.8	31.9	31.8	31.7	32.1	32.5
-87.5°	9.8	10.1	10.4	10.6	10.9	11.1	11.3	11.4	11.6	11.7	11.8
-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: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-MR-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°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4
85°	32.7	32.9	33.1	33.1	33.1	32.9	32.7	32.5	32.1	31.7	31.8
82.5°	59.5	59.9	60.1	60.2	60.1	59.9	59.5	59.0	58.3	57.5	57.2
80°	87.1	86.9	87.2	87.3	87.2	86.9	87.1	87.1	86.8	86.2	84.8
77.5°	116.9	116.9	117.3	117.4	117.3	116.9	116.9	116.6	116.1	115.3	114.0
75°	146.7	146.8	147.3	147.5	147.3	146.8	146.7	146.3	145.5	144.5	143.6
72.5°	177.4	176.9	177.4	177.6	177.4	176.9	177.4	177.5	177.0	176.0	174.6
70°	207.4	207.0	209.0	210.8	209.0	207.0	207.4	207.4	206.8	205.8	204.3
67.5°	239.2	239.8	242.0	243.9	242.0	239.8	239.2	238.1	236.6	235.1	233.7
65°	272.8	273.0	275.0	277.0	275.0	273.0	272.8	271.9	270.2	268.5	266.7
62.5°	308.5	308.8	311.0	313.1	311.0	308.8	308.5	307.3	305.3	303.7	301.8
60°	341.7	342.0	342.8	343.2	342.8	342.0	341.7	340.5	338.5	336.3	334.0
57.5°	364.0	363.7	364.0	364.3	364.0	363.7	364.0	363.7	362.9	361.9	360.1
55°	386.1	385.1	383.9	382.4	383.9	385.1	386.1	386.2	385.4	384.2	382.2
52.5°	411.0	409.4	408.0	406.5	408.0	409.4	411.0	411.5	410.8	408.8	405.8
50°	437.9	436.4	435.1	433.6	435.1	436.4	437.9	438.3	437.6	435.4	431.8
47.5°	473.6	474.2	474.0	472.7	474.0	474.2	473.6	471.8	469.0	465.3	460.1
45°	517.1	518.8	519.0	517.9	519.0	518.8	517.1	513.4	508.2	501.8	494.3
42.5°	573.7	577.5	579.6	581.1	579.6	577.5	573.7	567.1	557.8	545.8	533.5
40°	654.1	661.9	666.8	671.4	666.8	661.9	654.1	641.9	625.0	604.7	585.9
37.5°	769.3	783.4	789.7	785.8	789.7	783.4	769.3	748.1	719.6	684.0	656.6
35°	951.7	978.5	992.4	993.6	992.4	978.5	951.7	911.5	859.2	802.7	758.2
32.5°	1269.3	1324.2	1353.7	1357.9	1353.7	1324.2	1269.3	1190.1	1082.9	984.8	908.7
30°	1880.1	1992.2	2044.8	2032.4	2044.8	1992.2	1880.1	1706.7	1480.1	1311.8	1149.1
27.5°	3067.5	3347.0	3512.5	3525.8	3512.5	3347.0	3067.5	2679.1	2179.5	1899.0	1544.6
25°	4930.2	5407.3	5712.7	5717.7	5712.7	5407.3	4930.2	4288.2	3563.3	2932.7	2223.6
22.5°	7315.0	7966.2	8323.1	8385.3	8323.1	7966.2	7315.0	6438.1	5489.9	4452.5	3401.4
20°	10077.9	10944.2	11407.7	11408.3	11407.7	10944.2	10077.9	8914.7	7716.5	6294.7	4899.3
17.5°	13480.6	14887.3	15770.3	16150.4	15770.3	14887.3	13480.6	11787.8	10211.9	8397.6	6574.6
15°	18001.0	20364.9	21781.4	22036.7	21781.4	20364.9	18001.0	15543.8	12991.9	10637.4	8344.8
12.5°	23505.2	26496.8	28507.8	29244.8	28507.8	26496.8	23505.2	20054.4	16076.1	12949.9	10150.2
10°	29252.1	32023.9	34178.3	34902.3	34178.3	32023.9	29252.1	24874.9	20076.1	15378.2	11746.9
7.5°	33403.7	36709.0	39135.8	40201.4	39135.8	36709.0	33403.7	29055.5	23572.5	17978.4	13448.0
5°	36681.0	40592.1	42851.1	43853.7	42851.1	40592.1	36681.0	32032.9	26434.4	20170.0	14702.0
2.5°	38831.3	42695.8	45088.0	46012.5	45088.0	42695.8	38831.3	33924.6	28256.3	21513.2	15498.9
0°	39635.4	43414.1	45777.6	46906.7	45777.6	43414.1	39635.4	34396.4	28751.0	21832.0	15765.0
-2.5°	38831.3	42695.8	45088.0	46012.5	45088.0	42695.8	38831.3	33924.6	28256.3	21513.2	15498.9
-5°	36681.0	40592.1	42851.1	43853.7	42851.1	40592.1	36681.0	32032.9	26434.4	20170.0	14702.0
-7.5°	33403.7	36709.0	39135.8	40201.4	39135.8	36709.0	33403.7	29055.5	23572.5	17978.4	13448.0
-10°	29252.1	32023.9	34178.3	34902.3	34178.3	32023.9	29252.1	24874.9	20076.1	15378.2	11746.9
-12.5°	23505.2	26496.8	28507.8	29244.8	28507.8	26496.8	23505.2	20054.4	16076.1	12949.9	10150.2
-15°	18001.0	20364.9	21781.4	22036.7	21781.4	20364.9	18001.0	15543.8	12991.9	10637.4	8344.8
-17.5°	13480.6	14887.3	15770.3	16150.4	15770.3	14887.3	13480.6	11787.8	10211.9	8397.6	6574.6
-20°	10077.9	10944.2	11407.7	11408.3	11407.7	10944.2	10077.9	8914.7	7716.5	6294.7	4899.3

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REPORT NUMBER: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7315.0	7966.2	8323.1	8385.3	8323.1	7966.2	7315.0	6438.1	5489.9	4452.5	3401.4
-25°	4930.2	5407.3	5712.7	5717.7	5712.7	5407.3	4930.2	4288.2	3563.3	2932.7	2223.6
-27.5°	3067.5	3347.0	3512.5	3525.8	3512.5	3347.0	3067.5	2679.1	2179.5	1899.0	1544.6
-30°	1880.1	1992.2	2044.8	2032.4	2044.8	1992.2	1880.1	1706.7	1480.1	1311.8	1149.1
-32.5°	1269.3	1324.2	1353.7	1357.9	1353.7	1324.2	1269.3	1190.1	1082.9	984.8	908.7
-35°	951.7	978.5	992.4	993.6	992.4	978.5	951.7	911.5	859.2	802.7	758.2
-37.5°	769.3	783.4	789.7	785.8	789.7	783.4	769.3	748.1	719.6	684.0	656.6
-40°	654.1	661.9	666.8	671.4	666.8	661.9	654.1	641.9	625.0	604.7	585.9
-42.5°	573.7	577.5	579.6	581.1	579.6	577.5	573.7	567.1	557.8	545.8	533.5
-45°	517.1	518.8	519.0	517.9	519.0	518.8	517.1	513.4	508.2	501.8	494.3
-47.5°	473.6	474.2	474.0	472.7	474.0	474.2	473.6	471.8	469.0	465.3	460.1
-50°	437.9	436.4	435.1	433.6	435.1	436.4	437.9	438.3	437.6	435.4	431.8
-52.5°	411.0	409.4	408.0	406.5	408.0	409.4	411.0	411.5	410.8	408.8	405.8
-55°	386.1	385.1	383.9	382.4	383.9	385.1	386.1	386.2	385.4	384.2	382.2
-57.5°	364.0	363.7	364.0	364.3	364.0	363.7	364.0	363.7	362.9	361.9	360.1
-60°	341.7	342.0	342.8	343.2	342.8	342.0	341.7	340.5	338.5	336.3	334.0
-62.5°	308.5	308.8	311.0	313.1	311.0	308.8	308.5	307.3	305.3	303.7	301.8
-65°	272.8	273.0	275.0	277.0	275.0	273.0	272.8	271.9	270.2	268.5	266.7
-67.5°	239.2	239.8	242.0	243.9	242.0	239.8	239.2	238.1	236.6	235.1	233.7
-70°	207.4	207.0	209.0	210.8	209.0	207.0	207.4	207.4	206.8	205.8	204.3
-72.5°	177.4	176.9	177.4	177.6	177.4	176.9	177.4	177.5	177.0	176.0	174.6
-75°	146.7	146.8	147.3	147.5	147.3	146.8	146.7	146.3	145.5	144.5	143.6
-77.5°	116.9	116.9	117.3	117.4	117.3	116.9	116.9	116.6	116.1	115.3	114.0
-80°	87.1	86.9	87.2	87.3	87.2	86.9	87.1	87.1	86.8	86.2	84.8
-82.5°	59.5	59.9	60.1	60.2	60.1	59.9	59.5	59.0	58.3	57.5	57.2
-85°	32.7	32.9	33.1	33.1	33.1	32.9	32.7	32.5	32.1	31.7	31.8
-87.5°	11.9	12.0	12.0	12.0	12.0	12.0	11.9	11.8	11.7	11.6	11.4
-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: P627135 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.8	8.5
85°	31.9	31.8	31.6	30.6	29.6	28.5	27.4	26.1	24.8	23.4	22.0
82.5°	56.8	56.3	55.5	53.4	51.3	49.2	47.1	45.2	43.2	41.1	39.0
80°	83.4	81.8	80.0	77.6	74.8	71.7	68.4	65.2	61.9	58.8	55.9
77.5°	112.3	110.3	107.7	104.4	100.9	97.2	93.1	88.9	84.8	80.5	75.9
75°	142.2	140.3	137.6	133.7	129.4	124.8	119.7	114.0	108.3	102.5	96.9
72.5°	172.8	170.6	167.5	163.0	157.9	152.5	146.7	140.1	133.0	125.2	118.1
70°	202.4	200.1	197.0	193.0	187.9	181.9	174.9	167.3	159.3	150.9	142.3
67.5°	231.5	228.5	225.4	221.7	217.2	211.6	204.2	195.4	186.2	176.6	166.7
65°	263.8	260.0	255.9	252.1	247.4	241.6	234.0	225.5	215.4	203.7	191.1
62.5°	299.2	295.8	289.8	283.5	277.3	270.7	262.1	252.8	243.5	232.6	217.6
60°	331.5	328.3	320.6	313.0	305.5	297.3	287.6	277.8	268.0	256.1	242.4
57.5°	357.4	352.4	345.2	337.9	330.4	320.6	310.2	300.5	289.7	278.3	265.5
55°	379.6	374.0	366.6	358.7	350.1	340.3	329.9	319.0	308.7	299.2	286.2
52.5°	402.1	395.2	387.2	378.7	369.2	358.6	347.6	336.1	326.0	316.2	305.3
50°	426.8	418.0	408.4	398.4	388.2	376.8	364.9	352.7	343.0	332.9	321.8
47.5°	453.2	442.8	431.4	420.0	408.2	395.9	382.9	369.8	359.2	348.8	337.3
45°	484.2	471.0	456.4	443.3	429.4	415.7	401.8	388.2	374.9	363.1	352.1
42.5°	520.1	504.5	487.9	470.1	452.1	436.4	420.7	406.0	391.2	377.1	364.5
40°	565.4	542.5	523.2	501.2	480.0	458.5	441.4	423.7	407.5	391.5	376.9
37.5°	625.2	593.2	565.4	536.9	511.4	486.0	463.9	443.9	423.7	406.5	390.1
35°	705.7	661.0	617.4	580.6	546.4	516.5	488.5	465.0	442.7	421.6	403.2
32.5°	819.7	754.2	684.3	634.5	587.6	548.7	515.8	486.6	461.2	438.0	416.9
30°	998.6	883.0	783.8	699.6	639.0	586.2	543.6	509.2	479.4	453.7	430.2
27.5°	1290.2	1054.6	917.3	791.4	697.8	631.8	576.6	531.7	497.2	469.0	443.4
25°	1763.1	1365.4	1087.6	913.6	778.0	680.4	612.1	558.7	516.4	482.9	452.8
22.5°	2455.8	1835.1	1357.1	1053.7	876.1	747.0	654.1	585.2	533.5	494.7	462.0
20°	3548.2	2440.7	1749.6	1280.7	991.4	810.8	698.7	616.4	554.6	507.5	470.2
17.5°	4856.5	3377.3	2194.0	1525.1	1140.8	902.9	750.6	646.4	573.2	519.1	477.1
15°	6175.0	4357.0	2876.8	1879.3	1303.8	983.4	795.3	672.2	591.4	531.7	485.7
12.5°	7631.0	5406.6	3482.7	2172.3	1471.7	1080.5	852.3	707.0	611.2	544.4	494.1
10°	8888.7	6387.1	4211.0	2641.6	1692.6	1182.3	904.6	736.9	627.8	554.6	500.6
7.5°	10021.2	7224.6	4821.8	3007.8	1863.9	1263.0	946.5	760.7	640.3	562.1	505.3
5°	10824.9	7864.8	5313.1	3284.5	1986.5	1319.0	975.6	777.5	648.5	566.8	508.0
2.5°	11326.2	8249.9	5633.6	3448.8	2046.5	1349.6	993.9	787.1	655.4	572.0	509.4
0°	11372.1	8222.8	5678.5	3528.8	2008.3	1354.9	1002.6	788.9	659.4	575.1	508.8
-2.5°	11326.2	8249.9	5633.6	3448.8	2046.5	1349.6	993.9	787.1	655.4	572.0	509.4
-5°	10824.9	7864.8	5313.1	3284.5	1986.5	1319.0	975.6	777.5	648.5	566.8	508.0
-7.5°	10021.2	7224.6	4821.8	3007.8	1863.9	1263.0	946.5	760.7	640.3	562.1	505.3
-10°	8888.7	6387.1	4211.0	2641.6	1692.6	1182.3	904.6	736.9	627.8	554.6	500.6
-12.5°	7631.0	5406.6	3482.7	2172.3	1471.7	1080.5	852.3	707.0	611.2	544.4	494.1
-15°	6175.0	4357.0	2876.8	1879.3	1303.8	983.4	795.3	672.2	591.4	531.7	485.7
-17.5°	4856.5	3377.3	2194.0	1525.1	1140.8	902.9	750.6	646.4	573.2	519.1	477.1
-20°	3548.2	2440.7	1749.6	1280.7	991.4	810.8	698.7	616.4	554.6	507.5	470.2

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REPORT NUMBER: P627135 (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°	2455.8	1835.1	1357.1	1053.7	876.1	747.0	654.1	585.2	533.5	494.7	462.0
-25°	1763.1	1365.4	1087.6	913.6	778.0	680.4	612.1	558.7	516.4	482.9	452.8
-27.5°	1290.2	1054.6	917.3	791.4	697.8	631.8	576.6	531.7	497.2	469.0	443.4
-30°	998.6	883.0	783.8	699.6	639.0	586.2	543.6	509.2	479.4	453.7	430.2
-32.5°	819.7	754.2	684.3	634.5	587.6	548.7	515.8	486.6	461.2	438.0	416.9
-35°	705.7	661.0	617.4	580.6	546.4	516.5	488.5	465.0	442.7	421.6	403.2
-37.5°	625.2	593.2	565.4	536.9	511.4	486.0	463.9	443.9	423.7	406.5	390.1
-40°	565.4	542.5	523.2	501.2	480.0	458.5	441.4	423.7	407.5	391.5	376.9
-42.5°	520.1	504.5	487.9	470.1	452.1	436.4	420.7	406.0	391.2	377.1	364.5
-45°	484.2	471.0	456.4	443.3	429.4	415.7	401.8	388.2	374.9	363.1	352.1
-47.5°	453.2	442.8	431.4	420.0	408.2	395.9	382.9	369.8	359.2	348.8	337.3
-50°	426.8	418.0	408.4	398.4	388.2	376.8	364.9	352.7	343.0	332.9	321.8
-52.5°	402.1	395.2	387.2	378.7	369.2	358.6	347.6	336.1	326.0	316.2	305.3
-55°	379.6	374.0	366.6	358.7	350.1	340.3	329.9	319.0	308.7	299.2	286.2
-57.5°	357.4	352.4	345.2	337.9	330.4	320.6	310.2	300.5	289.7	278.3	265.5
-60°	331.5	328.3	320.6	313.0	305.5	297.3	287.6	277.8	268.0	256.1	242.4
-62.5°	299.2	295.8	289.8	283.5	277.3	270.7	262.1	252.8	243.5	232.6	217.6
-65°	263.8	260.0	255.9	252.1	247.4	241.6	234.0	225.5	215.4	203.7	191.1
-67.5°	231.5	228.5	225.4	221.7	217.2	211.6	204.2	195.4	186.2	176.6	166.7
-70°	202.4	200.1	197.0	193.0	187.9	181.9	174.9	167.3	159.3	150.9	142.3
-72.5°	172.8	170.6	167.5	163.0	157.9	152.5	146.7	140.1	133.0	125.2	118.1
-75°	142.2	140.3	137.6	133.7	129.4	124.8	119.7	114.0	108.3	102.5	96.9
-77.5°	112.3	110.3	107.7	104.4	100.9	97.2	93.1	88.9	84.8	80.5	75.9
-80°	83.4	81.8	80.0	77.6	74.8	71.7	68.4	65.2	61.9	58.8	55.9
-82.5°	56.8	56.3	55.5	53.4	51.3	49.2	47.1	45.2	43.2	41.1	39.0
-85°	31.9	31.8	31.6	30.6	29.6	28.5	27.4	26.1	24.8	23.4	22.0
-87.5°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.5	9.2	8.8	8.5
-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°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	3.6
85°	20.4	18.9	17.2	15.5	13.8	12.0	11.1	10.1	9.2	8.2	7.2
82.5°	36.7	34.3	31.8	29.3	26.7	24.0	21.2	18.4	15.4	12.5	10.8
80°	52.8	49.7	46.4	43.0	39.6	35.9	32.2	28.4	24.2	20.1	16.3
77.5°	71.1	66.2	61.1	56.8	52.9	48.6	43.9	38.6	32.9	27.7	22.7
75°	91.2	85.2	79.0	73.0	67.2	61.3	55.9	49.7	42.6	35.3	29.0
72.5°	111.8	105.0	97.5	89.9	83.0	75.9	68.6	60.7	52.5	44.1	35.7
70°	133.7	125.2	116.8	108.2	99.3	90.4	82.0	72.6	62.3	52.9	43.3
67.5°	156.4	146.3	136.2	126.4	116.4	106.1	95.5	84.5	73.1	61.5	50.9
65°	179.6	167.6	155.4	144.5	133.2	121.7	109.9	96.4	83.6	70.9	58.3
62.5°	203.1	189.3	175.8	162.6	149.8	137.1	123.9	108.8	94.1	80.2	66.2
60°	226.9	211.0	195.8	181.0	166.4	152.2	137.3	120.8	104.7	89.2	74.1
57.5°	249.7	232.2	214.9	198.7	182.9	167.1	150.4	132.6	115.0	98.2	81.8
55°	271.9	253.9	233.6	215.2	198.4	181.6	163.1	144.3	125.1	106.9	89.3
52.5°	291.4	273.6	252.5	231.4	212.6	195.0	175.2	155.6	135.2	115.2	96.6
50°	309.1	291.0	269.9	247.6	226.2	206.7	186.8	166.0	145.1	123.4	103.7
47.5°	324.4	307.0	286.2	262.9	239.9	218.0	197.2	175.9	154.6	131.8	110.5
45°	338.2	322.4	301.8	278.0	252.8	229.4	207.1	185.2	162.9	140.0	117.0
42.5°	351.1	335.8	316.9	292.6	265.8	240.4	216.6	193.8	170.8	147.7	123.5
40°	362.8	347.5	331.1	306.3	278.1	250.6	225.9	201.9	178.2	154.8	129.8
37.5°	374.3	358.5	341.5	319.1	289.7	261.1	234.5	209.6	185.3	161.0	135.8
35°	386.2	369.2	350.7	329.1	300.7	270.8	242.5	216.8	192.0	166.9	141.3
32.5°	397.5	378.9	359.1	337.7	311.0	279.6	250.2	223.8	198.2	172.5	146.4
30°	408.7	386.7	366.5	346.3	320.0	288.2	257.8	230.4	204.0	177.6	151.1
27.5°	417.2	393.6	373.0	353.1	327.5	296.1	265.2	236.4	209.4	182.3	155.2
25°	424.8	400.3	378.7	358.5	335.0	304.3	272.0	241.9	214.3	186.6	158.9
22.5°	432.5	406.0	383.4	363.1	342.0	311.7	278.4	247.4	218.7	190.5	162.3
20°	439.1	410.7	387.2	367.3	346.7	317.5	284.4	252.2	222.6	193.9	165.2
17.5°	444.7	415.4	391.3	370.8	349.9	322.4	289.6	256.5	226.0	196.9	167.8
15°	450.5	420.3	394.8	373.5	352.7	326.4	294.1	260.1	228.9	199.5	170.2
12.5°	455.4	424.0	397.5	375.4	355.0	329.5	297.8	263.1	231.2	201.8	172.5
10°	459.3	426.4	399.4	376.6	356.8	331.8	300.7	265.9	234.0	204.0	174.3
7.5°	462.0	427.6	400.5	377.1	358.2	333.8	303.5	268.9	236.5	205.6	175.7
5°	463.8	428.1	401.2	378.2	358.9	335.7	305.5	271.3	238.5	206.8	176.8
2.5°	465.9	428.3	401.2	379.1	358.9	336.8	306.7	273.0	240.0	207.6	177.4
0°	466.7	427.5	400.4	379.4	358.3	337.2	307.1	274.0	240.9	207.8	177.6
-2.5°	465.9	428.3	401.2	379.1	358.9	336.8	306.7	273.0	240.0	207.6	177.4
-5°	463.8	428.1	401.2	378.2	358.9	335.7	305.5	271.3	238.5	206.8	176.8
-7.5°	462.0	427.6	400.5	377.1	358.2	333.8	303.5	268.9	236.5	205.6	175.7
-10°	459.3	426.4	399.4	376.6	356.8	331.8	300.7	265.9	234.0	204.0	174.3
-12.5°	455.4	424.0	397.5	375.4	355.0	329.5	297.8	263.1	231.2	201.8	172.5
-15°	450.5	420.3	394.8	373.5	352.7	326.4	294.1	260.1	228.9	199.5	170.2
-17.5°	444.7	415.4	391.3	370.8	349.9	322.4	289.6	256.5	226.0	196.9	167.8
-20°	439.1	410.7	387.2	367.3	346.7	317.5	284.4	252.2	222.6	193.9	165.2



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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°	432.5	406.0	383.4	363.1	342.0	311.7	278.4	247.4	218.7	190.5	162.3
-25°	424.8	400.3	378.7	358.5	335.0	304.3	272.0	241.9	214.3	186.6	158.9
-27.5°	417.2	393.6	373.0	353.1	327.5	296.1	265.2	236.4	209.4	182.3	155.2
-30°	408.7	386.7	366.5	346.3	320.0	288.2	257.8	230.4	204.0	177.6	151.1
-32.5°	397.5	378.9	359.1	337.7	311.0	279.6	250.2	223.8	198.2	172.5	146.4
-35°	386.2	369.2	350.7	329.1	300.7	270.8	242.5	216.8	192.0	166.9	141.3
-37.5°	374.3	358.5	341.5	319.1	289.7	261.1	234.5	209.6	185.3	161.0	135.8
-40°	362.8	347.5	331.1	306.3	278.1	250.6	225.9	201.9	178.2	154.8	129.8
-42.5°	351.1	335.8	316.9	292.6	265.8	240.4	216.6	193.8	170.8	147.7	123.5
-45°	338.2	322.4	301.8	278.0	252.8	229.4	207.1	185.2	162.9	140.0	117.0
-47.5°	324.4	307.0	286.2	262.9	239.9	218.0	197.2	175.9	154.6	131.8	110.5
-50°	309.1	291.0	269.9	247.6	226.2	206.7	186.8	166.0	145.1	123.4	103.7
-52.5°	291.4	273.6	252.5	231.4	212.6	195.0	175.2	155.6	135.2	115.2	96.6
-55°	271.9	253.9	233.6	215.2	198.4	181.6	163.1	144.3	125.1	106.9	89.3
-57.5°	249.7	232.2	214.9	198.7	182.9	167.1	150.4	132.6	115.0	98.2	81.8
-60°	226.9	211.0	195.8	181.0	166.4	152.2	137.3	120.8	104.7	89.2	74.1
-62.5°	203.1	189.3	175.8	162.6	149.8	137.1	123.9	108.8	94.1	80.2	66.2
-65°	179.6	167.6	155.4	144.5	133.2	121.7	109.9	96.4	83.6	70.9	58.3
-67.5°	156.4	146.3	136.2	126.4	116.4	106.1	95.5	84.5	73.1	61.5	50.9
-70°	133.7	125.2	116.8	108.2	99.3	90.4	82.0	72.6	62.3	52.9	43.3
-72.5°	111.8	105.0	97.5	89.9	83.0	75.9	68.6	60.7	52.5	44.1	35.7
-75°	91.2	85.2	79.0	73.0	67.2	61.3	55.9	49.7	42.6	35.3	29.0
-77.5°	71.1	66.2	61.1	56.8	52.9	48.6	43.9	38.6	32.9	27.7	22.7
-80°	52.8	49.7	46.4	43.0	39.6	35.9	32.2	28.4	24.2	20.1	16.3
-82.5°	36.7	34.3	31.8	29.3	26.7	24.0	21.2	18.4	15.4	12.5	10.8
-85°	20.4	18.9	17.2	15.5	13.8	12.0	11.1	10.1	9.2	8.2	7.2
-87.5°	8.1	7.7	7.3	6.9	6.4	6.0	5.5	5.1	4.6	4.1	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):**

	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°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
85°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
82.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
80°	12.6	10.3	8.3	6.2	4.2	2.1	0.0
77.5°	18.0	13.6	10.3	7.8	5.2	2.6	0.0
75°	23.3	18.0	12.6	9.3	6.2	3.1	0.0
72.5°	28.6	22.4	16.2	10.8	7.2	3.6	0.0
70°	34.0	26.7	19.6	12.5	8.2	4.1	0.0
67.5°	40.5	31.0	23.1	15.1	9.2	4.6	0.0
65°	47.0	35.8	26.4	17.6	10.1	5.1	0.0
62.5°	53.3	41.1	29.7	20.1	11.1	5.5	0.0
60°	59.5	46.2	32.9	22.5	12.0	6.0	0.0
57.5°	66.0	51.3	36.9	24.8	13.6	6.4	0.0
55°	72.4	56.2	40.9	27.1	15.1	6.9	0.0
52.5°	78.5	61.0	44.7	29.4	16.6	7.3	0.0
50°	84.4	65.9	48.4	31.5	18.0	7.7	0.0
47.5°	90.0	70.5	51.9	33.7	19.4	8.1	0.0
45°	95.6	74.9	55.4	36.3	20.7	8.5	0.0
42.5°	100.9	79.1	58.6	38.8	22.0	8.8	0.0
40°	106.0	83.1	61.8	41.1	23.2	9.2	0.0
37.5°	110.8	86.8	64.8	43.2	24.4	9.5	0.0
35°	115.4	90.5	67.6	45.2	25.5	9.8	0.0
32.5°	119.7	94.1	70.2	47.1	26.5	10.1	0.0
30°	123.8	97.4	72.7	48.8	27.4	10.4	0.0
27.5°	127.5	100.4	74.9	50.4	28.3	10.6	0.0
25°	130.9	103.2	76.9	51.8	29.1	10.9	0.0
22.5°	133.9	105.7	78.8	53.0	29.9	11.1	0.0
20°	136.5	107.9	80.5	54.1	30.5	11.3	0.0
17.5°	138.9	109.8	82.0	55.0	31.1	11.4	0.0
15°	141.1	111.3	83.4	55.8	31.7	11.6	0.0
12.5°	143.0	112.6	84.5	56.4	32.1	11.7	0.0
10°	144.6	113.5	85.5	56.8	32.5	11.8	0.0
7.5°	145.8	114.2	86.3	57.2	32.7	11.9	0.0
5°	146.7	114.5	86.8	57.3	32.9	12.0	0.0
2.5°	147.3	114.6	87.2	57.3	33.1	12.0	0.0
0°	147.5	114.4	87.3	57.2	33.1	12.0	0.0
-2.5°	147.3	114.6	87.2	57.3	33.1	12.0	0.0
-5°	146.7	114.5	86.8	57.3	32.9	12.0	0.0
-7.5°	145.8	114.2	86.3	57.2	32.7	11.9	0.0
-10°	144.6	113.5	85.5	56.8	32.5	11.8	0.0
-12.5°	143.0	112.6	84.5	56.4	32.1	11.7	0.0
-15°	141.1	111.3	83.4	55.8	31.7	11.6	0.0
-17.5°	138.9	109.8	82.0	55.0	31.1	11.4	0.0
-20°	136.5	107.9	80.5	54.1	30.5	11.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	133.9	105.7	78.8	53.0	29.9	11.1	0.0
-25°	130.9	103.2	76.9	51.8	29.1	10.9	0.0
-27.5°	127.5	100.4	74.9	50.4	28.3	10.6	0.0
-30°	123.8	97.4	72.7	48.8	27.4	10.4	0.0
-32.5°	119.7	94.1	70.2	47.1	26.5	10.1	0.0
-35°	115.4	90.5	67.6	45.2	25.5	9.8	0.0
-37.5°	110.8	86.8	64.8	43.2	24.4	9.5	0.0
-40°	106.0	83.1	61.8	41.1	23.2	9.2	0.0
-42.5°	100.9	79.1	58.6	38.8	22.0	8.8	0.0
-45°	95.6	74.9	55.4	36.3	20.7	8.5	0.0
-47.5°	90.0	70.5	51.9	33.7	19.4	8.1	0.0
-50°	84.4	65.9	48.4	31.5	18.0	7.7	0.0
-52.5°	78.5	61.0	44.7	29.4	16.6	7.3	0.0
-55°	72.4	56.2	40.9	27.1	15.1	6.9	0.0
-57.5°	66.0	51.3	36.9	24.8	13.6	6.4	0.0
-60°	59.5	46.2	32.9	22.5	12.0	6.0	0.0
-62.5°	53.3	41.1	29.7	20.1	11.1	5.5	0.0
-65°	47.0	35.8	26.4	17.6	10.1	5.1	0.0
-67.5°	40.5	31.0	23.1	15.1	9.2	4.6	0.0
-70°	34.0	26.7	19.6	12.5	8.2	4.1	0.0
-72.5°	28.6	22.4	16.2	10.8	7.2	3.6	0.0
-75°	23.3	18.0	12.6	9.3	6.2	3.1	0.0
-77.5°	18.0	13.6	10.3	7.8	5.2	2.6	0.0
-80°	12.6	10.3	8.3	6.2	4.2	2.1	0.0
-82.5°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
-85°	6.2	5.2	4.2	3.1	2.1	1.0	0.0
-87.5°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)