

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: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3E-727-U-NR-XX

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/9/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-727-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N64  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20762.1 lumens	Max Intensity:	195527.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

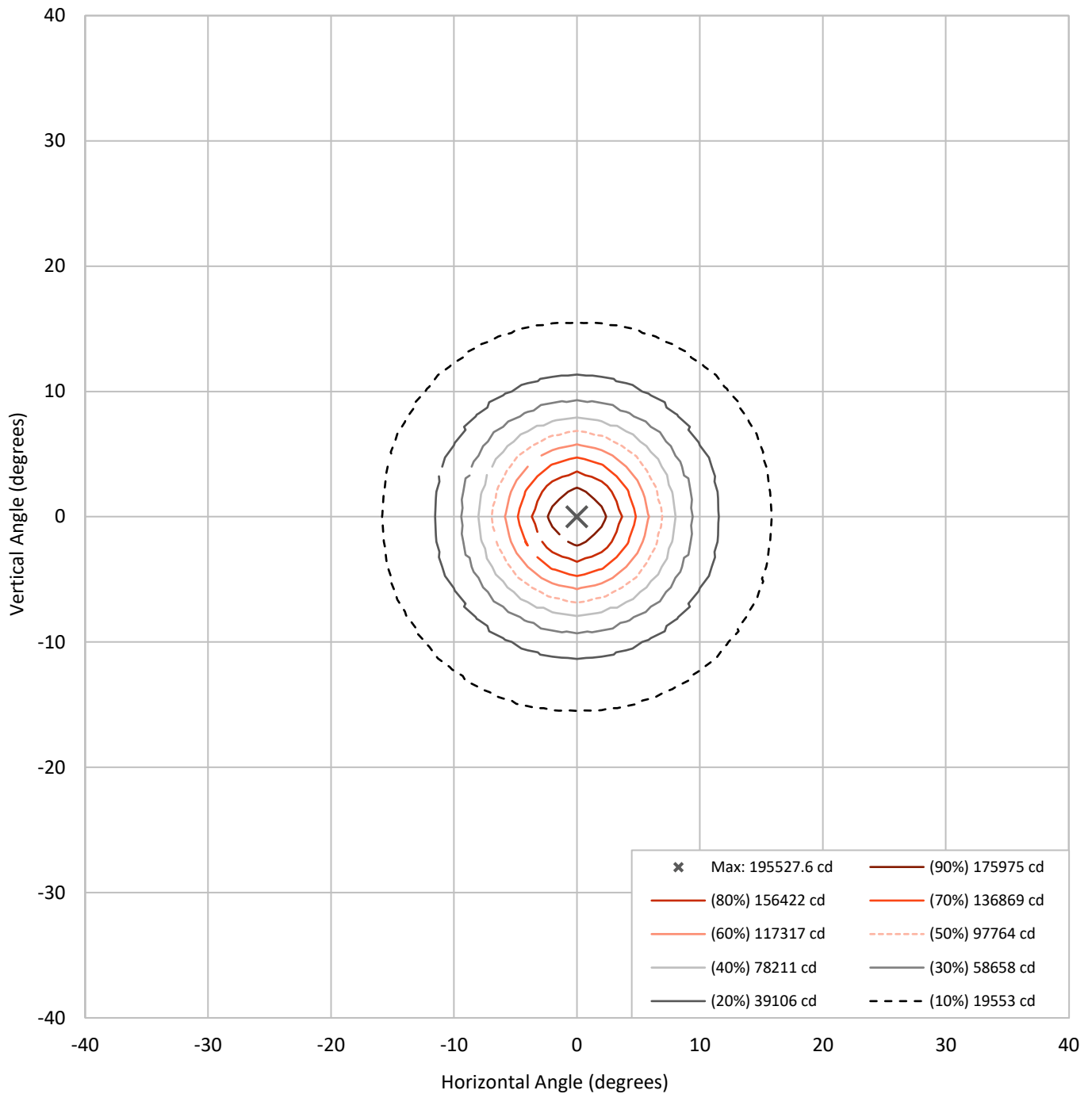
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6138.5 lumens	Field Lumens:	13814 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%

Input Watts (W): 185.2  
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





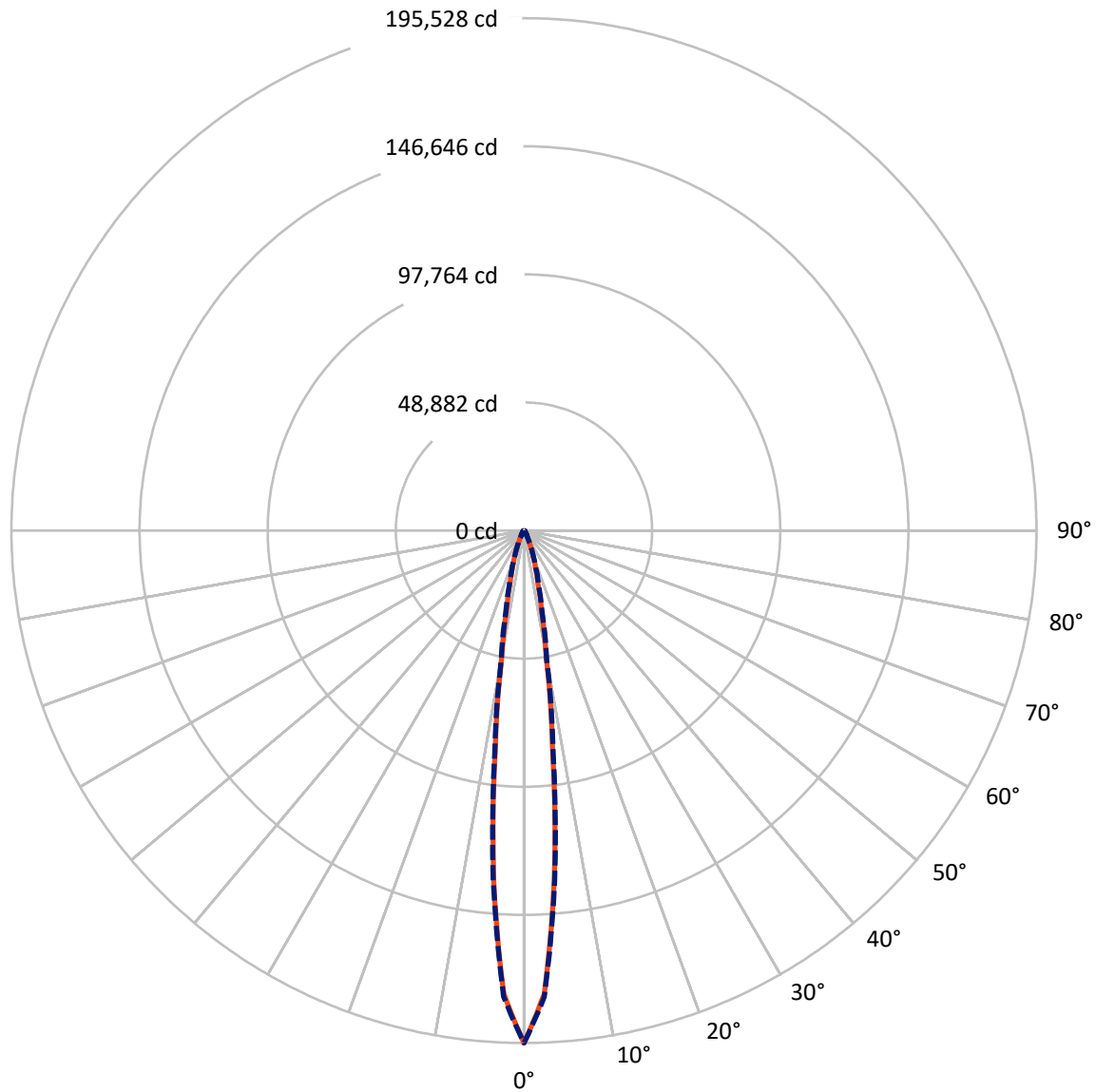
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### Lumen Table

90	0.4	2.8		7.5		12.1		13.2		12.1		7.5		2.8		0.4			
80	0.4	2.8		7.5		12.1		13.2		12.1		7.5		2.8		0.4			
70	1.3	1.4	3.0	4.9	7.0	8.5	9.6	10.0	10.0	9.6	8.5	7.0	4.9	3.0	1.4	1.3			
60		2.2	4.5	7.3	9.8	12.0	13.4	14.0	14.0	13.4	12.0	9.8	7.3	4.5	2.2				
50	2.3	2.9	5.8	9.0	12.0	15.1	17.8	19.2	19.2	17.8	15.1	12.0	9.0	5.8	2.9	2.3			
40		3.5	6.9	10.4	14.8	21.2	29.9	37.0	37.0	29.9	21.2	14.8	10.4	6.9	3.5				
30	2.9	3.9	7.5	11.7	19.1	37.9	86.4	143.0	143.0	86.4	37.9	19.1	11.7	7.5	3.9	2.9			
20		4.2	7.9	12.9	25.4	80.6	286.0	616.0	616.0	286.0	80.6	25.4	12.9	7.9	4.2				
10	3.2	4.4	8.1	13.7	30.7	132.8	621.8	2686.1	2686.1	621.8	132.8	30.7	13.7	8.1	4.4	3.2			
0		4.4	8.1	13.7	30.7	132.8	621.8	2686.1	2686.1	621.8	132.8	30.7	13.7	8.1	4.4				
-10	2.9	4.2	7.9	12.9	25.4	80.6	286.0	616.0	616.0	286.0	80.6	25.4	12.9	7.9	4.2	2.9			
-20		3.9	7.5	11.7	19.1	37.9	86.4	143.0	143.0	86.4	37.9	19.1	11.7	7.5	3.9				
-30	2.3	3.5	6.9	10.4	14.8	21.2	29.9	37.0	37.0	29.9	21.2	14.8	10.4	6.9	3.5	2.3			
-40		2.9	5.8	9.0	12.0	15.1	17.8	19.2	19.2	17.8	15.1	12.0	9.0	5.8	2.9				
-50	1.3	2.2	4.5	7.3	9.8	12.0	13.4	14.0	14.0	13.4	12.0	9.8	7.3	4.5	2.2	1.3			
-60		1.4	3.0	4.9	7.0	8.5	9.6	10.0	10.0	9.6	8.5	7.0	4.9	3.0	1.4				
-70	0.4	2.8		7.5		12.1		13.2		12.1		7.5		2.8		0.4			
-80		2.8		7.5		12.1		13.2		12.1		7.5		2.8					
-90	0.4	2.8		7.5		12.1		13.2		12.1		7.5		2.8		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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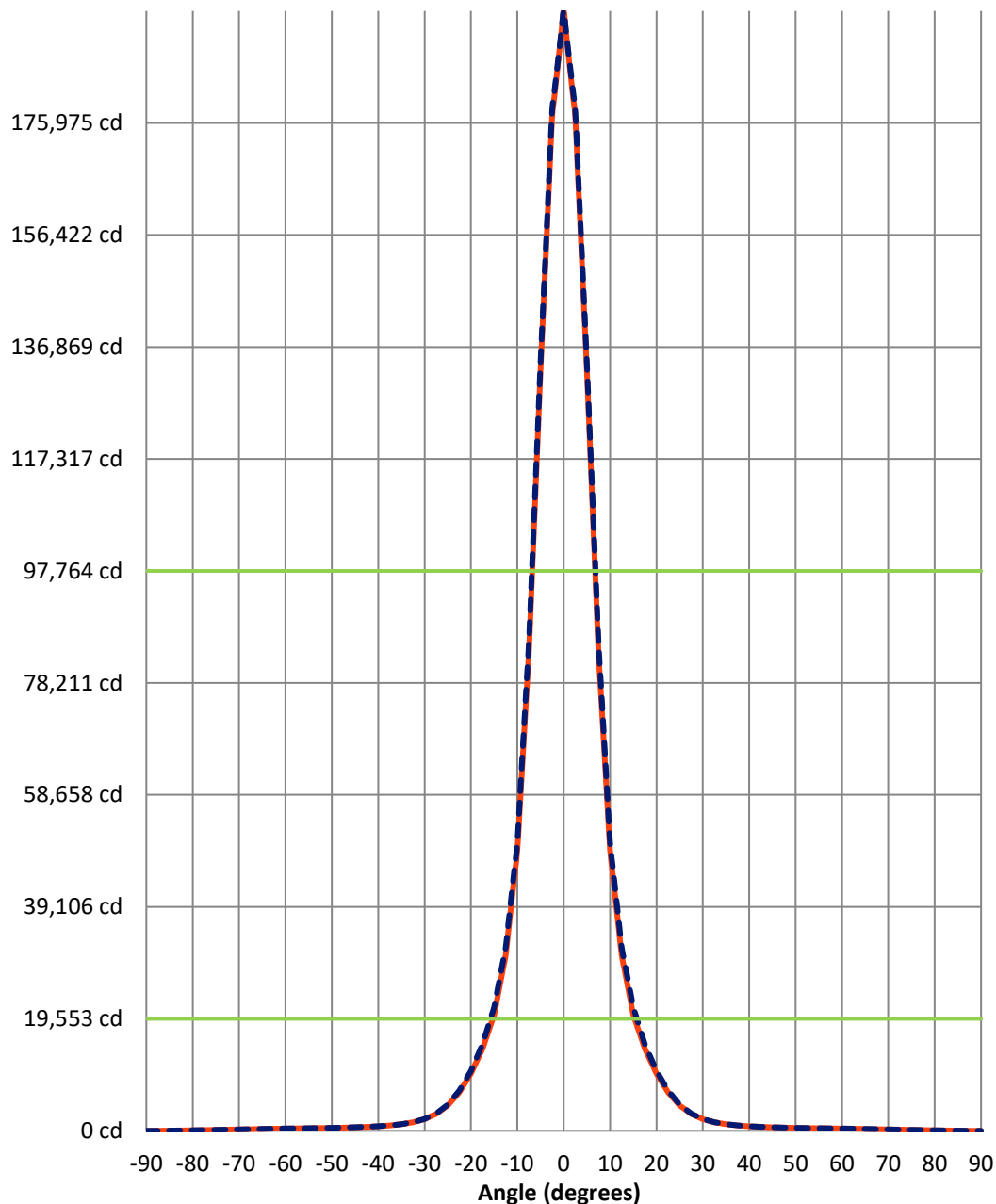
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.7°  
V Angle: 13.6°  
Lumens: 6138.5  
Efficiency: 29.6%

**Field:**  
H Angle: 31.6°  
V Angle: 30.6°  
Lumens: 13814  
Efficiency: 66.5%

**Spill:**  
Lumens: 6948.1  
Efficiency: 33.5%

— 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	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.4	20.4	23.4
80°	0.0	2.5	5.8	8.7	11.6	14.5	17.6	21.8	25.9	30.0	34.0
77.5°	0.0	3.2	7.2	10.9	14.5	18.6	23.9	29.2	34.3	39.4	44.8
75°	0.0	3.8	8.6	13.0	17.5	23.6	30.2	36.5	42.8	49.9	56.9
72.5°	0.0	4.4	10.0	15.1	21.3	28.5	36.3	44.1	52.5	60.7	68.9
70°	0.0	5.0	11.3	17.3	25.0	33.4	42.5	52.5	62.0	71.5	82.1
67.5°	0.0	5.6	12.6	20.0	28.7	38.1	49.5	60.7	71.5	83.5	95.4
65°	0.0	6.1	13.9	22.5	32.3	43.3	56.3	68.9	82.1	95.4	109.4
62.5°	0.0	6.7	15.1	25.1	35.7	48.9	63.1	77.6	92.5	107.5	125.2
60°	0.0	7.2	16.2	27.5	39.1	54.4	69.6	86.6	102.6	121.1	140.4
57.5°	0.0	7.7	17.7	29.9	43.3	59.7	76.9	95.2	113.8	134.2	155.2
55°	0.0	8.2	19.2	32.1	47.4	64.9	84.0	103.6	124.9	146.8	169.4
52.5°	0.0	8.7	20.6	34.3	51.5	70.0	90.9	112.6	135.5	158.9	183.1
50°	0.0	9.1	22.0	36.4	55.3	75.6	97.6	121.4	145.7	170.5	196.2
47.5°	0.0	9.6	23.4	38.6	59.1	81.0	104.2	129.9	155.4	181.5	209.0
45°	0.0	10.0	24.7	41.3	62.6	86.1	111.1	138.0	164.7	192.8	221.5
42.5°	0.0	10.3	26.0	43.9	66.1	91.0	117.8	145.8	173.7	203.8	233.7
40°	0.0	10.7	27.2	46.4	69.5	95.7	124.2	153.2	182.4	214.3	245.6
37.5°	0.0	11.0	28.4	48.8	73.1	100.1	130.2	160.3	191.2	224.2	257.1
35°	0.0	11.3	29.5	51.0	76.4	104.6	135.9	166.9	199.4	233.5	268.1
32.5°	0.0	11.6	30.5	53.2	79.5	109.1	141.2	173.2	206.9	242.2	277.7
30°	0.0	11.8	31.5	55.2	82.4	113.2	146.1	179.1	213.8	250.3	286.5
27.5°	0.0	12.0	32.5	57.0	85.2	117.0	150.7	184.6	220.2	257.8	294.3
25°	0.0	12.2	33.3	58.7	87.8	120.4	154.9	189.7	226.1	264.3	301.3
22.5°	0.0	12.4	34.1	60.3	90.2	123.6	158.7	194.1	231.5	270.0	307.3
20°	0.0	12.5	34.8	61.7	92.3	126.3	162.1	198.0	236.3	274.9	312.8
17.5°	0.0	12.6	35.5	62.9	94.2	128.6	164.9	201.4	240.5	279.0	317.6
15°	0.0	12.7	36.1	64.0	95.9	130.5	167.2	204.3	244.0	282.3	321.8
12.5°	0.0	12.7	36.6	64.9	97.3	132.0	169.0	207.1	246.9	284.9	325.2
10°	0.0	12.8	37.0	65.7	98.4	133.2	170.5	209.4	249.2	287.7	328.6
7.5°	0.0	12.8	37.3	66.2	99.3	133.9	171.5	211.2	250.8	290.0	332.4
5°	0.0	12.7	37.5	66.7	100.0	134.3	172.0	212.6	251.6	291.8	335.6
2.5°	0.0	12.7	37.7	66.9	100.4	134.4	172.1	213.4	251.8	292.8	337.9
0°	0.0	12.6	37.7	67.0	100.5	134.1	171.8	213.7	251.4	293.2	339.3
-2.5°	0.0	12.7	37.7	66.9	100.4	134.4	172.1	213.4	251.8	292.8	337.9
-5°	0.0	12.7	37.5	66.7	100.0	134.3	172.0	212.6	251.6	291.8	335.6
-7.5°	0.0	12.8	37.3	66.2	99.3	133.9	171.5	211.2	250.8	290.0	332.4
-10°	0.0	12.8	37.0	65.7	98.4	133.2	170.5	209.4	249.2	287.7	328.6
-12.5°	0.0	12.7	36.6	64.9	97.3	132.0	169.0	207.1	246.9	284.9	325.2
-15°	0.0	12.7	36.1	64.0	95.9	130.5	167.2	204.3	244.0	282.3	321.8
-17.5°	0.0	12.6	35.5	62.9	94.2	128.6	164.9	201.4	240.5	279.0	317.6
-20°	0.0	12.5	34.8	61.7	92.3	126.3	162.1	198.0	236.3	274.9	312.8

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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	12.4	34.1	60.3	90.2	123.6	158.7	194.1	231.5	270.0	307.3
-25°	0.0	12.2	33.3	58.7	87.8	120.4	154.9	189.7	226.1	264.3	301.3
-27.5°	0.0	12.0	32.5	57.0	85.2	117.0	150.7	184.6	220.2	257.8	294.3
-30°	0.0	11.8	31.5	55.2	82.4	113.2	146.1	179.1	213.8	250.3	286.5
-32.5°	0.0	11.6	30.5	53.2	79.5	109.1	141.2	173.2	206.9	242.2	277.7
-35°	0.0	11.3	29.5	51.0	76.4	104.6	135.9	166.9	199.4	233.5	268.1
-37.5°	0.0	11.0	28.4	48.8	73.1	100.1	130.2	160.3	191.2	224.2	257.1
-40°	0.0	10.7	27.2	46.4	69.5	95.7	124.2	153.2	182.4	214.3	245.6
-42.5°	0.0	10.3	26.0	43.9	66.1	91.0	117.8	145.8	173.7	203.8	233.7
-45°	0.0	10.0	24.7	41.3	62.6	86.1	111.1	138.0	164.7	192.8	221.5
-47.5°	0.0	9.6	23.4	38.6	59.1	81.0	104.2	129.9	155.4	181.5	209.0
-50°	0.0	9.1	22.0	36.4	55.3	75.6	97.6	121.4	145.7	170.5	196.2
-52.5°	0.0	8.7	20.6	34.3	51.5	70.0	90.9	112.6	135.5	158.9	183.1
-55°	0.0	8.2	19.2	32.1	47.4	64.9	84.0	103.6	124.9	146.8	169.4
-57.5°	0.0	7.7	17.7	29.9	43.3	59.7	76.9	95.2	113.8	134.2	155.2
-60°	0.0	7.2	16.2	27.5	39.1	54.4	69.6	86.6	102.6	121.1	140.4
-62.5°	0.0	6.7	15.1	25.1	35.7	48.9	63.1	77.6	92.5	107.5	125.2
-65°	0.0	6.1	13.9	22.5	32.3	43.3	56.3	68.9	82.1	95.4	109.4
-67.5°	0.0	5.6	12.6	20.0	28.7	38.1	49.5	60.7	71.5	83.5	95.4
-70°	0.0	5.0	11.3	17.3	25.0	33.4	42.5	52.5	62.0	71.5	82.1
-72.5°	0.0	4.4	10.0	15.1	21.3	28.5	36.3	44.1	52.5	60.7	68.9
-75°	0.0	3.8	8.6	13.0	17.5	23.6	30.2	36.5	42.8	49.9	56.9
-77.5°	0.0	3.2	7.2	10.9	14.5	18.6	23.9	29.2	34.3	39.4	44.8
-80°	0.0	2.5	5.8	8.7	11.6	14.5	17.6	21.8	25.9	30.0	34.0
-82.5°	0.0	1.9	4.4	6.6	8.7	10.9	13.0	15.1	17.4	20.4	23.4
-85°	0.0	1.3	2.9	4.4	5.8	7.3	8.7	10.1	11.5	12.8	14.2
-87.5°	0.0	0.6	1.5	2.2	2.9	3.6	4.3	5.1	5.7	6.4	7.1
-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°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
85°	15.5	16.8	18.6	20.5	22.0	23.4	24.5	25.5	27.2	29.0	30.9
82.5°	26.4	29.3	32.1	34.8	36.7	38.2	39.6	41.8	45.4	49.0	52.2
80°	37.9	41.7	46.0	50.3	53.9	57.6	61.4	65.2	69.3	73.1	76.8
77.5°	50.5	56.1	61.6	66.9	72.2	77.9	83.4	88.7	93.7	98.6	103.2
75°	63.7	70.4	77.8	85.1	92.2	99.0	105.8	112.9	119.8	126.3	132.6
72.5°	77.6	86.6	95.3	103.8	113.0	122.0	130.7	139.0	147.2	155.7	164.7
70°	92.5	102.6	114.0	124.9	135.1	145.9	156.6	165.8	174.7	186.4	198.5
67.5°	107.7	121.4	134.2	146.5	160.2	172.9	183.8	195.6	208.1	221.7	233.6
65°	125.6	140.6	155.5	171.0	186.8	200.0	213.7	228.2	242.5	256.0	268.9
62.5°	143.3	160.2	177.4	194.3	210.5	226.3	242.9	259.1	274.7	290.5	304.4
60°	160.4	179.6	197.7	215.4	233.8	253.4	271.8	289.7	308.4	326.3	335.6
57.5°	176.9	197.4	216.3	236.2	257.8	279.9	299.2	319.6	335.6	348.0	360.0
55°	192.4	213.7	234.4	256.8	280.2	303.3	324.7	342.8	357.7	369.0	381.8
52.5°	206.9	229.4	251.9	276.3	301.2	325.8	348.3	365.2	378.5	390.1	402.1
50°	221.2	244.8	268.6	295.3	322.1	348.2	370.2	385.7	398.3	410.1	422.5
47.5°	235.2	259.9	285.6	314.1	343.0	368.3	389.1	403.3	416.0	430.0	443.5
45°	248.9	275.7	302.9	333.5	362.6	386.9	404.6	418.8	434.5	449.6	464.1
42.5°	262.4	291.2	320.8	352.4	380.5	402.4	418.9	435.7	452.7	468.8	485.1
40°	275.9	306.2	337.4	369.0	397.2	416.1	433.6	451.7	470.4	487.9	506.0
37.5°	288.9	320.2	352.4	384.3	410.0	429.1	447.2	467.3	486.9	506.0	529.6
35°	301.2	333.0	365.5	396.3	421.0	440.8	461.2	482.2	502.8	527.5	554.4
32.5°	312.2	344.5	377.4	406.1	430.3	451.7	474.5	496.5	521.2	549.1	581.4
30°	321.5	354.5	387.5	415.6	439.2	461.9	486.6	510.8	539.8	573.4	611.8
27.5°	329.7	363.5	395.6	423.7	447.8	470.3	496.3	526.9	560.1	597.8	642.9
25°	337.3	372.6	403.3	431.1	454.5	478.1	505.9	539.8	579.8	625.1	680.3
22.5°	344.5	381.4	411.0	438.2	459.9	485.3	516.7	553.5	597.0	650.1	717.3
20°	351.3	387.9	417.2	443.8	463.9	491.6	526.1	565.5	614.8	678.2	756.0
17.5°	357.7	393.5	422.1	447.0	469.1	498.3	534.4	575.2	630.4	703.8	791.5
15°	363.5	398.2	426.0	449.7	473.7	505.3	543.2	587.3	647.6	728.2	823.0
12.5°	368.5	402.0	429.0	451.7	477.5	511.0	550.9	599.9	666.1	752.1	862.8
10°	372.9	404.9	431.1	453.1	480.3	515.5	557.3	610.2	680.8	770.6	893.5
7.5°	376.6	407.2	432.6	453.9	482.1	518.5	562.4	618.0	691.1	783.8	915.7
5°	379.2	409.0	434.3	456.5	484.9	521.0	566.0	623.3	697.2	791.6	929.5
2.5°	380.7	410.1	435.3	459.0	488.0	523.1	568.8	629.2	702.1	799.3	940.0
0°	381.2	410.5	435.7	460.8	490.1	523.7	569.7	632.6	703.8	804.3	946.8
-2.5°	380.7	410.1	435.3	459.0	488.0	523.1	568.8	629.2	702.1	799.3	940.0
-5°	379.2	409.0	434.3	456.5	484.9	521.0	566.0	623.3	697.2	791.6	929.5
-7.5°	376.6	407.2	432.6	453.9	482.1	518.5	562.4	618.0	691.1	783.8	915.7
-10°	372.9	404.9	431.1	453.1	480.3	515.5	557.3	610.2	680.8	770.6	893.5
-12.5°	368.5	402.0	429.0	451.7	477.5	511.0	550.9	599.9	666.1	752.1	862.8
-15°	363.5	398.2	426.0	449.7	473.7	505.3	543.2	587.3	647.6	728.2	823.0
-17.5°	357.7	393.5	422.1	447.0	469.1	498.3	534.4	575.2	630.4	703.8	791.5
-20°	351.3	387.9	417.2	443.8	463.9	491.6	526.1	565.5	614.8	678.2	756.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	344.5	381.4	411.0	438.2	459.9	485.3	516.7	553.5	597.0	650.1	717.3
-25°	337.3	372.6	403.3	431.1	454.5	478.1	505.9	539.8	579.8	625.1	680.3
-27.5°	329.7	363.5	395.6	423.7	447.8	470.3	496.3	526.9	560.1	597.8	642.9
-30°	321.5	354.5	387.5	415.6	439.2	461.9	486.6	510.8	539.8	573.4	611.8
-32.5°	312.2	344.5	377.4	406.1	430.3	451.7	474.5	496.5	521.2	549.1	581.4
-35°	301.2	333.0	365.5	396.3	421.0	440.8	461.2	482.2	502.8	527.5	554.4
-37.5°	288.9	320.2	352.4	384.3	410.0	429.1	447.2	467.3	486.9	506.0	529.6
-40°	275.9	306.2	337.4	369.0	397.2	416.1	433.6	451.7	470.4	487.9	506.0
-42.5°	262.4	291.2	320.8	352.4	380.5	402.4	418.9	435.7	452.7	468.8	485.1
-45°	248.9	275.7	302.9	333.5	362.6	386.9	404.6	418.8	434.5	449.6	464.1
-47.5°	235.2	259.9	285.6	314.1	343.0	368.3	389.1	403.3	416.0	430.0	443.5
-50°	221.2	244.8	268.6	295.3	322.1	348.2	370.2	385.7	398.3	410.1	422.5
-52.5°	206.9	229.4	251.9	276.3	301.2	325.8	348.3	365.2	378.5	390.1	402.1
-55°	192.4	213.7	234.4	256.8	280.2	303.3	324.7	342.8	357.7	369.0	381.8
-57.5°	176.9	197.4	216.3	236.2	257.8	279.9	299.2	319.6	335.6	348.0	360.0
-60°	160.4	179.6	197.7	215.4	233.8	253.4	271.8	289.7	308.4	326.3	335.6
-62.5°	143.3	160.2	177.4	194.3	210.5	226.3	242.9	259.1	274.7	290.5	304.4
-65°	125.6	140.6	155.5	171.0	186.8	200.0	213.7	228.2	242.5	256.0	268.9
-67.5°	107.7	121.4	134.2	146.5	160.2	172.9	183.8	195.6	208.1	221.7	233.6
-70°	92.5	102.6	114.0	124.9	135.1	145.9	156.6	165.8	174.7	186.4	198.5
-72.5°	77.6	86.6	95.3	103.8	113.0	122.0	130.7	139.0	147.2	155.7	164.7
-75°	63.7	70.4	77.8	85.1	92.2	99.0	105.8	112.9	119.8	126.3	132.6
-77.5°	50.5	56.1	61.6	66.9	72.2	77.9	83.4	88.7	93.7	98.6	103.2
-80°	37.9	41.7	46.0	50.3	53.9	57.6	61.4	65.2	69.3	73.1	76.8
-82.5°	26.4	29.3	32.1	34.8	36.7	38.2	39.6	41.8	45.4	49.0	52.2
-85°	15.5	16.8	18.6	20.5	22.0	23.4	24.5	25.5	27.2	29.0	30.9
-87.5°	7.8	8.4	9.0	9.6	10.2	10.8	11.3	11.9	12.4	12.9	13.3
-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: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-727-U-NR-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°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
85°	32.8	34.0	35.2	36.2	37.2	38.1	38.9	39.6	40.2	39.7	39.1
82.5°	55.2	57.4	59.4	61.2	62.9	64.5	65.9	67.1	68.2	68.1	67.8
80°	80.3	83.9	87.5	91.1	94.6	96.7	98.2	99.4	100.2	100.5	100.6
77.5°	107.9	113.5	119.3	125.0	130.6	133.8	136.1	138.0	139.5	139.8	139.5
75°	138.5	145.7	153.6	160.5	166.5	170.2	172.7	174.9	176.6	177.1	176.9
72.5°	174.1	182.9	190.0	195.9	200.9	204.9	208.1	210.8	213.0	214.0	214.1
70°	209.1	217.8	224.6	230.5	235.5	239.6	243.4	246.7	249.4	251.4	252.9
67.5°	244.6	254.6	261.5	266.8	271.1	275.4	280.5	284.9	288.6	291.1	292.3
65°	281.0	291.3	298.0	303.8	309.0	314.4	320.1	324.3	327.0	328.7	329.8
62.5°	316.2	325.9	334.3	342.0	349.5	355.7	359.6	363.1	366.1	368.6	370.5
60°	346.5	358.8	368.2	375.6	382.9	390.0	394.8	398.5	401.5	403.7	405.1
57.5°	372.4	384.8	395.9	403.1	411.1	419.5	425.1	428.3	431.2	433.7	434.9
55°	394.9	406.4	416.7	426.5	435.4	443.0	448.9	453.3	456.9	459.8	460.7
52.5°	415.2	427.8	439.8	450.3	459.0	466.3	472.2	477.5	481.6	484.3	485.5
50°	436.6	450.1	463.0	474.5	483.5	491.6	498.9	505.2	511.2	515.9	519.3
47.5°	457.6	472.0	486.2	498.9	509.6	521.4	532.0	541.0	549.7	556.8	561.7
45°	478.8	495.4	510.8	527.2	541.8	557.2	571.6	584.0	596.7	606.3	612.8
42.5°	502.3	521.2	539.8	560.1	580.0	600.1	621.9	641.3	656.3	670.4	681.8
40°	527.5	549.1	573.4	598.3	627.6	654.2	683.4	708.5	731.2	755.3	774.3
37.5°	554.4	581.4	613.3	646.6	684.5	720.9	759.1	796.6	829.4	868.0	897.5
35°	584.2	620.2	659.4	704.5	751.7	803.8	856.1	916.4	968.4	1025.5	1075.3
32.5°	619.3	662.3	713.8	773.3	833.9	913.0	986.9	1083.0	1166.1	1256.8	1348.1
30°	655.5	711.7	778.1	853.1	949.5	1058.2	1179.5	1322.4	1469.8	1612.3	1784.3
27.5°	700.3	768.2	848.6	958.2	1100.0	1247.0	1455.5	1670.1	1940.9	2164.8	2480.7
25°	746.9	826.9	941.1	1090.1	1275.3	1530.3	1846.7	2189.5	2666.1	3084.7	3575.7
22.5°	797.6	905.6	1047.7	1231.6	1512.3	1903.9	2382.9	3028.3	3731.2	4477.4	5219.6
20°	850.5	981.0	1167.3	1433.9	1819.1	2349.4	3171.7	4168.1	5172.2	6403.5	7493.8
17.5°	911.7	1077.8	1307.3	1640.8	2154.8	2967.2	4107.9	5499.0	7056.7	8827.1	10398.9
15°	962.6	1160.7	1450.4	1916.9	2623.9	3667.2	5105.7	7019.4	9360.3	11737.9	14150.1
12.5°	1021.8	1251.0	1591.2	2147.4	3035.4	4422.0	6380.0	8802.1	11725.6	15023.5	18911.2
10°	1074.3	1339.6	1762.5	2451.0	3536.2	5209.1	7585.4	10499.4	14272.2	19017.1	25037.5
7.5°	1113.2	1410.1	1894.7	2682.1	3969.1	5965.8	8724.3	12358.0	17152.0	23417.5	31680.2
5°	1138.5	1461.1	1988.3	2860.4	4308.0	6529.0	9558.9	13676.2	19459.8	28321.4	42313.1
2.5°	1153.7	1491.3	2041.7	2965.0	4514.2	6902.2	10194.0	14673.0	20955.5	31352.0	49152.0
0°	1160.4	1499.7	2073.7	3020.4	4583.0	7046.3	10485.6	15127.3	21624.7	32060.1	50354.4
-2.5°	1153.7	1491.3	2041.7	2965.0	4514.2	6902.2	10194.0	14673.0	20955.5	31352.0	49152.0
-5°	1138.5	1461.1	1988.3	2860.4	4308.0	6529.0	9558.9	13676.2	19459.8	28321.4	42313.1
-7.5°	1113.2	1410.1	1894.7	2682.1	3969.1	5965.8	8724.3	12358.0	17152.0	23417.5	31680.2
-10°	1074.3	1339.6	1762.5	2451.0	3536.2	5209.1	7585.4	10499.4	14272.2	19017.1	25037.5
-12.5°	1021.8	1251.0	1591.2	2147.4	3035.4	4422.0	6380.0	8802.1	11725.6	15023.5	18911.2
-15°	962.6	1160.7	1450.4	1916.9	2623.9	3667.2	5105.7	7019.4	9360.3	11737.9	14150.1
-17.5°	911.7	1077.8	1307.3	1640.8	2154.8	2967.2	4107.9	5499.0	7056.7	8827.1	10398.9
-20°	850.5	981.0	1167.3	1433.9	1819.1	2349.4	3171.7	4168.1	5172.2	6403.5	7493.8

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Scaled Data Report



REPORT NUMBER: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	797.6	905.6	1047.7	1231.6	1512.3	1903.9	2382.9	3028.3	3731.2	4477.4	5219.6
-25°	746.9	826.9	941.1	1090.1	1275.3	1530.3	1846.7	2189.5	2666.1	3084.7	3575.7
-27.5°	700.3	768.2	848.6	958.2	1100.0	1247.0	1455.5	1670.1	1940.9	2164.8	2480.7
-30°	655.5	711.7	778.1	853.1	949.5	1058.2	1179.5	1322.4	1469.8	1612.3	1784.3
-32.5°	619.3	662.3	713.8	773.3	833.9	913.0	986.9	1083.0	1166.1	1256.8	1348.1
-35°	584.2	620.2	659.4	704.5	751.7	803.8	856.1	916.4	968.4	1025.5	1075.3
-37.5°	554.4	581.4	613.3	646.6	684.5	720.9	759.1	796.6	829.4	868.0	897.5
-40°	527.5	549.1	573.4	598.3	627.6	654.2	683.4	708.5	731.2	755.3	774.3
-42.5°	502.3	521.2	539.8	560.1	580.0	600.1	621.9	641.3	656.3	670.4	681.8
-45°	478.8	495.4	510.8	527.2	541.8	557.2	571.6	584.0	596.7	606.3	612.8
-47.5°	457.6	472.0	486.2	498.9	509.6	521.4	532.0	541.0	549.7	556.8	561.7
-50°	436.6	450.1	463.0	474.5	483.5	491.6	498.9	505.2	511.2	515.9	519.3
-52.5°	415.2	427.8	439.8	450.3	459.0	466.3	472.2	477.5	481.6	484.3	485.5
-55°	394.9	406.4	416.7	426.5	435.4	443.0	448.9	453.3	456.9	459.8	460.7
-57.5°	372.4	384.8	395.9	403.1	411.1	419.5	425.1	428.3	431.2	433.7	434.9
-60°	346.5	358.8	368.2	375.6	382.9	390.0	394.8	398.5	401.5	403.7	405.1
-62.5°	316.2	325.9	334.3	342.0	349.5	355.7	359.6	363.1	366.1	368.6	370.5
-65°	281.0	291.3	298.0	303.8	309.0	314.4	320.1	324.3	327.0	328.7	329.8
-67.5°	244.6	254.6	261.5	266.8	271.1	275.4	280.5	284.9	288.6	291.1	292.3
-70°	209.1	217.8	224.6	230.5	235.5	239.6	243.4	246.7	249.4	251.4	252.9
-72.5°	174.1	182.9	190.0	195.9	200.9	204.9	208.1	210.8	213.0	214.0	214.1
-75°	138.5	145.7	153.6	160.5	166.5	170.2	172.7	174.9	176.6	177.1	176.9
-77.5°	107.9	113.5	119.3	125.0	130.6	133.8	136.1	138.0	139.5	139.8	139.5
-80°	80.3	83.9	87.5	91.1	94.6	96.7	98.2	99.4	100.2	100.5	100.6
-82.5°	55.2	57.4	59.4	61.2	62.9	64.5	65.9	67.1	68.2	68.1	67.8
-85°	32.8	34.0	35.2	36.2	37.2	38.1	38.9	39.6	40.2	39.7	39.1
-87.5°	13.8	14.2	14.5	14.9	15.2	15.5	15.8	16.0	16.2	15.4	14.5
-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: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-727-U-NR-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°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
85°	38.3	37.5	37.7	37.7	37.7	37.5	38.3	39.1	39.7	40.2	39.6
82.5°	67.3	66.7	66.9	67.0	66.9	66.7	67.3	67.8	68.1	68.2	67.1
80°	100.4	100.0	98.4	96.4	98.4	100.0	100.4	100.6	100.5	100.2	99.4
77.5°	138.8	137.6	136.0	134.1	136.0	137.6	138.8	139.5	139.8	139.5	138.0
75°	176.2	175.2	175.7	175.9	175.7	175.2	176.2	176.9	177.1	176.6	174.9
72.5°	213.7	212.9	213.4	213.7	213.4	212.9	213.7	214.1	214.0	213.0	210.8
70°	253.9	254.3	253.3	251.4	253.3	254.3	253.9	252.9	251.4	249.4	246.7
67.5°	292.6	292.2	291.0	289.1	291.0	292.2	292.6	292.3	291.1	288.6	284.9
65°	330.2	329.8	330.5	330.9	330.5	329.8	330.2	329.8	328.7	327.0	324.3
62.5°	371.4	371.4	370.6	368.7	370.6	371.4	371.4	370.5	368.6	366.1	363.1
60°	405.6	405.3	404.2	402.2	404.2	405.3	405.6	405.1	403.7	401.5	398.5
57.5°	435.3	434.8	433.6	431.5	433.6	434.8	435.3	434.9	433.7	431.2	428.3
55°	460.8	460.2	458.8	456.6	458.8	460.2	460.8	460.7	459.8	456.9	453.3
52.5°	485.8	485.3	485.5	485.9	485.5	485.3	485.8	485.5	484.3	481.6	477.5
50°	521.5	522.2	521.6	519.5	521.6	522.2	521.5	519.3	515.9	511.2	505.2
47.5°	564.1	564.3	563.3	561.4	563.3	564.3	564.1	561.7	556.8	549.7	541.0
45°	617.9	620.9	621.7	620.0	621.7	620.9	617.9	612.8	606.3	596.7	584.0
42.5°	690.6	695.3	696.7	695.4	696.7	695.3	690.6	681.8	670.4	656.3	641.3
40°	786.1	791.5	792.6	791.8	792.6	791.5	786.1	774.3	755.3	731.2	708.5
37.5°	918.2	931.5	937.7	938.4	937.7	931.5	918.2	897.5	868.0	829.4	796.6
35°	1113.2	1139.5	1153.6	1160.4	1153.6	1139.5	1113.2	1075.3	1025.5	968.4	916.4
32.5°	1417.3	1469.9	1499.1	1495.6	1499.1	1469.9	1417.3	1348.1	1256.8	1166.1	1083.0
30°	1914.0	2006.1	2052.5	2040.1	2052.5	2006.1	1914.0	1784.3	1612.3	1469.8	1322.4
27.5°	2707.6	2874.1	2970.3	2957.6	2970.3	2874.1	2707.6	2480.7	2164.8	1940.9	1670.1
25°	3986.2	4290.0	4484.6	4436.4	4484.6	4290.0	3986.2	3575.7	3084.7	2666.1	2189.5
22.5°	5931.2	6446.0	6786.6	6744.6	6786.6	6446.0	5931.2	5219.6	4477.4	3731.2	3028.3
20°	8599.3	9382.8	9942.3	10016.4	9942.3	9382.8	8599.3	7493.8	6403.5	5172.2	4168.1
17.5°	12096.7	13339.0	14203.8	14348.1	14203.8	13339.0	12096.7	10398.9	8827.1	7056.7	5499.0
15°	16642.1	18672.5	20142.0	20263.3	20142.0	18672.5	16642.1	14150.1	11737.9	9360.3	7019.4
12.5°	22813.9	26897.7	29562.9	30736.3	29562.9	26897.7	22813.9	18911.2	15023.5	11725.6	8802.1
10°	31355.5	40735.7	46742.9	49001.3	46742.9	40735.7	31355.5	25037.5	19017.1	14272.2	10499.4
7.5°	45622.4	60349.6	76722.4	83700.6	76722.4	60349.6	45622.4	31680.2	23417.5	17152.0	12358.0
5°	61778.6	92343.5	121416.1	132768.9	121416.1	92343.5	61778.6	42313.1	28321.4	19459.8	13676.2
2.5°	78779.1	121382.1	161304.4	176917.0	161304.4	121382.1	78779.1	49152.0	31352.0	20955.5	14673.0
0°	85418.2	134096.9	178020.9	195527.6	178020.9	134096.9	85418.2	50354.4	32060.1	21624.7	15127.3
-2.5°	78779.1	121382.1	161304.4	176917.0	161304.4	121382.1	78779.1	49152.0	31352.0	20955.5	14673.0
-5°	61778.6	92343.5	121416.1	132768.9	121416.1	92343.5	61778.6	42313.1	28321.4	19459.8	13676.2
-7.5°	45622.4	60349.6	76722.4	83700.6	76722.4	60349.6	45622.4	31680.2	23417.5	17152.0	12358.0
-10°	31355.5	40735.7	46742.9	49001.3	46742.9	40735.7	31355.5	25037.5	19017.1	14272.2	10499.4
-12.5°	22813.9	26897.7	29562.9	30736.3	29562.9	26897.7	22813.9	18911.2	15023.5	11725.6	8802.1
-15°	16642.1	18672.5	20142.0	20263.3	20142.0	18672.5	16642.1	14150.1	11737.9	9360.3	7019.4
-17.5°	12096.7	13339.0	14203.8	14348.1	14203.8	13339.0	12096.7	10398.9	8827.1	7056.7	5499.0
-20°	8599.3	9382.8	9942.3	10016.4	9942.3	9382.8	8599.3	7493.8	6403.5	5172.2	4168.1

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REPORT NUMBER: P627259 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3E-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5931.2	6446.0	6786.6	6744.6	6786.6	6446.0	5931.2	5219.6	4477.4	3731.2	3028.3
-25°	3986.2	4290.0	4484.6	4436.4	4484.6	4290.0	3986.2	3575.7	3084.7	2666.1	2189.5
-27.5°	2707.6	2874.1	2970.3	2957.6	2970.3	2874.1	2707.6	2480.7	2164.8	1940.9	1670.1
-30°	1914.0	2006.1	2052.5	2040.1	2052.5	2006.1	1914.0	1784.3	1612.3	1469.8	1322.4
-32.5°	1417.3	1469.9	1499.1	1495.6	1499.1	1469.9	1417.3	1348.1	1256.8	1166.1	1083.0
-35°	1113.2	1139.5	1153.6	1160.4	1153.6	1139.5	1113.2	1075.3	1025.5	968.4	916.4
-37.5°	918.2	931.5	937.7	938.4	937.7	931.5	918.2	897.5	868.0	829.4	796.6
-40°	786.1	791.5	792.6	791.8	792.6	791.5	786.1	774.3	755.3	731.2	708.5
-42.5°	690.6	695.3	696.7	695.4	696.7	695.3	690.6	681.8	670.4	656.3	641.3
-45°	617.9	620.9	621.7	620.0	621.7	620.9	617.9	612.8	606.3	596.7	584.0
-47.5°	564.1	564.3	563.3	561.4	563.3	564.3	564.1	561.7	556.8	549.7	541.0
-50°	521.5	522.2	521.6	519.5	521.6	522.2	521.5	519.3	515.9	511.2	505.2
-52.5°	485.8	485.3	485.5	485.9	485.5	485.3	485.8	485.5	484.3	481.6	477.5
-55°	460.8	460.2	458.8	456.6	458.8	460.2	460.8	460.7	459.8	456.9	453.3
-57.5°	435.3	434.8	433.6	431.5	433.6	434.8	435.3	434.9	433.7	431.2	428.3
-60°	405.6	405.3	404.2	402.2	404.2	405.3	405.6	405.1	403.7	401.5	398.5
-62.5°	371.4	371.4	370.6	368.7	370.6	371.4	371.4	370.5	368.6	366.1	363.1
-65°	330.2	329.8	330.5	330.9	330.5	329.8	330.2	329.8	328.7	327.0	324.3
-67.5°	292.6	292.2	291.0	289.1	291.0	292.2	292.6	292.3	291.1	288.6	284.9
-70°	253.9	254.3	253.3	251.4	253.3	254.3	253.9	252.9	251.4	249.4	246.7
-72.5°	213.7	212.9	213.4	213.7	213.4	212.9	213.7	214.1	214.0	213.0	210.8
-75°	176.2	175.2	175.7	175.9	175.7	175.2	176.2	176.9	177.1	176.6	174.9
-77.5°	138.8	137.6	136.0	134.1	136.0	137.6	138.8	139.5	139.8	139.5	138.0
-80°	100.4	100.0	98.4	96.4	98.4	100.0	100.4	100.6	100.5	100.2	99.4
-82.5°	67.3	66.7	66.9	67.0	66.9	66.7	67.3	67.8	68.1	68.2	67.1
-85°	38.3	37.5	37.7	37.7	37.7	37.5	38.3	39.1	39.7	40.2	39.6
-87.5°	13.5	12.6	12.6	12.6	12.6	12.6	13.5	14.5	15.4	16.2	16.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627259 (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°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
85°	38.9	38.1	37.2	36.2	35.2	34.0	32.8	30.9	29.0	27.2	25.5
82.5°	65.9	64.5	62.9	61.2	59.4	57.4	55.2	52.2	49.0	45.4	41.8
80°	98.2	96.7	94.6	91.1	87.5	83.9	80.3	76.8	73.1	69.3	65.2
77.5°	136.1	133.8	130.6	125.0	119.3	113.5	107.9	103.2	98.6	93.7	88.7
75°	172.7	170.2	166.5	160.5	153.6	145.7	138.5	132.6	126.3	119.8	112.9
72.5°	208.1	204.9	200.9	195.9	190.0	182.9	174.1	164.7	155.7	147.2	139.0
70°	243.4	239.6	235.5	230.5	224.6	217.8	209.1	198.5	186.4	174.7	165.8
67.5°	280.5	275.4	271.1	266.8	261.5	254.6	244.6	233.6	221.7	208.1	195.6
65°	320.1	314.4	309.0	303.8	298.0	291.3	281.0	268.9	256.0	242.5	228.2
62.5°	359.6	355.7	349.5	342.0	334.3	325.9	316.2	304.4	290.5	274.7	259.1
60°	394.8	390.0	382.9	375.6	368.2	358.8	346.5	335.6	326.3	308.4	289.7
57.5°	425.1	419.5	411.1	403.1	395.9	384.8	372.4	360.0	348.0	335.6	319.6
55°	448.9	443.0	435.4	426.5	416.7	406.4	394.9	381.8	369.0	357.7	342.8
52.5°	472.2	466.3	459.0	450.3	439.8	427.8	415.2	402.1	390.1	378.5	365.2
50°	498.9	491.6	483.5	474.5	463.0	450.1	436.6	422.5	410.1	398.3	385.7
47.5°	532.0	521.4	509.6	498.9	486.2	472.0	457.6	443.5	430.0	416.0	403.3
45°	571.6	557.2	541.8	527.2	510.8	495.4	478.8	464.1	449.6	434.5	418.8
42.5°	621.9	600.1	580.0	560.1	539.8	521.2	502.3	485.1	468.8	452.7	435.7
40°	683.4	654.2	627.6	598.3	573.4	549.1	527.5	506.0	487.9	470.4	451.7
37.5°	759.1	720.9	684.5	646.6	613.3	581.4	554.4	529.6	506.0	486.9	467.3
35°	856.1	803.8	751.7	704.5	659.4	620.2	584.2	554.4	527.5	502.8	482.2
32.5°	986.9	913.0	833.9	773.3	713.8	662.3	619.3	581.4	549.1	521.2	496.5
30°	1179.5	1058.2	949.5	853.1	778.1	711.7	655.5	611.8	573.4	539.8	510.8
27.5°	1455.5	1247.0	1100.0	958.2	848.6	768.2	700.3	642.9	597.8	560.1	526.9
25°	1846.7	1530.3	1275.3	1090.1	941.1	826.9	746.9	680.3	625.1	579.8	539.8
22.5°	2382.9	1903.9	1512.3	1231.6	1047.7	905.6	797.6	717.3	650.1	597.0	553.5
20°	3171.7	2349.4	1819.1	1433.9	1167.3	981.0	850.5	756.0	678.2	614.8	565.5
17.5°	4107.9	2967.2	2154.8	1640.8	1307.3	1077.8	911.7	791.5	703.8	630.4	575.2
15°	5105.7	3667.2	2623.9	1916.9	1450.4	1160.7	962.6	823.0	728.2	647.6	587.3
12.5°	6380.0	4422.0	3035.4	2147.4	1591.2	1251.0	1021.8	862.8	752.1	666.1	599.9
10°	7585.4	5209.1	3536.2	2451.0	1762.5	1339.6	1074.3	893.5	770.6	680.8	610.2
7.5°	8724.3	5965.8	3969.1	2682.1	1894.7	1410.1	1113.2	915.7	783.8	691.1	618.0
5°	9558.9	6529.0	4308.0	2860.4	1988.3	1461.1	1138.5	929.5	791.6	697.2	623.3
2.5°	10194.0	6902.2	4514.2	2965.0	2041.7	1491.3	1153.7	940.0	799.3	702.1	629.2
0°	10485.6	7046.3	4583.0	3020.4	2073.7	1499.7	1160.4	946.8	804.3	703.8	632.6
-2.5°	10194.0	6902.2	4514.2	2965.0	2041.7	1491.3	1153.7	940.0	799.3	702.1	629.2
-5°	9558.9	6529.0	4308.0	2860.4	1988.3	1461.1	1138.5	929.5	791.6	697.2	623.3
-7.5°	8724.3	5965.8	3969.1	2682.1	1894.7	1410.1	1113.2	915.7	783.8	691.1	618.0
-10°	7585.4	5209.1	3536.2	2451.0	1762.5	1339.6	1074.3	893.5	770.6	680.8	610.2
-12.5°	6380.0	4422.0	3035.4	2147.4	1591.2	1251.0	1021.8	862.8	752.1	666.1	599.9
-15°	5105.7	3667.2	2623.9	1916.9	1450.4	1160.7	962.6	823.0	728.2	647.6	587.3
-17.5°	4107.9	2967.2	2154.8	1640.8	1307.3	1077.8	911.7	791.5	703.8	630.4	575.2
-20°	3171.7	2349.4	1819.1	1433.9	1167.3	981.0	850.5	756.0	678.2	614.8	565.5



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REPORT NUMBER: P627259 (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°	2382.9	1903.9	1512.3	1231.6	1047.7	905.6	797.6	717.3	650.1	597.0	553.5
-25°	1846.7	1530.3	1275.3	1090.1	941.1	826.9	746.9	680.3	625.1	579.8	539.8
-27.5°	1455.5	1247.0	1100.0	958.2	848.6	768.2	700.3	642.9	597.8	560.1	526.9
-30°	1179.5	1058.2	949.5	853.1	778.1	711.7	655.5	611.8	573.4	539.8	510.8
-32.5°	986.9	913.0	833.9	773.3	713.8	662.3	619.3	581.4	549.1	521.2	496.5
-35°	856.1	803.8	751.7	704.5	659.4	620.2	584.2	554.4	527.5	502.8	482.2
-37.5°	759.1	720.9	684.5	646.6	613.3	581.4	554.4	529.6	506.0	486.9	467.3
-40°	683.4	654.2	627.6	598.3	573.4	549.1	527.5	506.0	487.9	470.4	451.7
-42.5°	621.9	600.1	580.0	560.1	539.8	521.2	502.3	485.1	468.8	452.7	435.7
-45°	571.6	557.2	541.8	527.2	510.8	495.4	478.8	464.1	449.6	434.5	418.8
-47.5°	532.0	521.4	509.6	498.9	486.2	472.0	457.6	443.5	430.0	416.0	403.3
-50°	498.9	491.6	483.5	474.5	463.0	450.1	436.6	422.5	410.1	398.3	385.7
-52.5°	472.2	466.3	459.0	450.3	439.8	427.8	415.2	402.1	390.1	378.5	365.2
-55°	448.9	443.0	435.4	426.5	416.7	406.4	394.9	381.8	369.0	357.7	342.8
-57.5°	425.1	419.5	411.1	403.1	395.9	384.8	372.4	360.0	348.0	335.6	319.6
-60°	394.8	390.0	382.9	375.6	368.2	358.8	346.5	335.6	326.3	308.4	289.7
-62.5°	359.6	355.7	349.5	342.0	334.3	325.9	316.2	304.4	290.5	274.7	259.1
-65°	320.1	314.4	309.0	303.8	298.0	291.3	281.0	268.9	256.0	242.5	228.2
-67.5°	280.5	275.4	271.1	266.8	261.5	254.6	244.6	233.6	221.7	208.1	195.6
-70°	243.4	239.6	235.5	230.5	224.6	217.8	209.1	198.5	186.4	174.7	165.8
-72.5°	208.1	204.9	200.9	195.9	190.0	182.9	174.1	164.7	155.7	147.2	139.0
-75°	172.7	170.2	166.5	160.5	153.6	145.7	138.5	132.6	126.3	119.8	112.9
-77.5°	136.1	133.8	130.6	125.0	119.3	113.5	107.9	103.2	98.6	93.7	88.7
-80°	98.2	96.7	94.6	91.1	87.5	83.9	80.3	76.8	73.1	69.3	65.2
-82.5°	65.9	64.5	62.9	61.2	59.4	57.4	55.2	52.2	49.0	45.4	41.8
-85°	38.9	38.1	37.2	36.2	35.2	34.0	32.8	30.9	29.0	27.2	25.5
-87.5°	15.8	15.5	15.2	14.9	14.5	14.2	13.8	13.3	12.9	12.4	11.9
-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: P627259 (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°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	5.1
85°	24.5	23.4	22.0	20.5	18.6	16.8	15.5	14.2	12.8	11.5	10.1
82.5°	39.6	38.2	36.7	34.8	32.1	29.3	26.4	23.4	20.4	17.4	15.1
80°	61.4	57.6	53.9	50.3	46.0	41.7	37.9	34.0	30.0	25.9	21.8
77.5°	83.4	77.9	72.2	66.9	61.6	56.1	50.5	44.8	39.4	34.3	29.2
75°	105.8	99.0	92.2	85.1	77.8	70.4	63.7	56.9	49.9	42.8	36.5
72.5°	130.7	122.0	113.0	103.8	95.3	86.6	77.6	68.9	60.7	52.5	44.1
70°	156.6	145.9	135.1	124.9	114.0	102.6	92.5	82.1	71.5	62.0	52.5
67.5°	183.8	172.9	160.2	146.5	134.2	121.4	107.7	95.4	83.5	71.5	60.7
65°	213.7	200.0	186.8	171.0	155.5	140.6	125.6	109.4	95.4	82.1	68.9
62.5°	242.9	226.3	210.5	194.3	177.4	160.2	143.3	125.2	107.5	92.5	77.6
60°	271.8	253.4	233.8	215.4	197.7	179.6	160.4	140.4	121.1	102.6	86.6
57.5°	299.2	279.9	257.8	236.2	216.3	197.4	176.9	155.2	134.2	113.8	95.2
55°	324.7	303.3	280.2	256.8	234.4	213.7	192.4	169.4	146.8	124.9	103.6
52.5°	348.3	325.8	301.2	276.3	251.9	229.4	206.9	183.1	158.9	135.5	112.6
50°	370.2	348.2	322.1	295.3	268.6	244.8	221.2	196.2	170.5	145.7	121.4
47.5°	389.1	368.3	343.0	314.1	285.6	259.9	235.2	209.0	181.5	155.4	129.9
45°	404.6	386.9	362.6	333.5	302.9	275.7	248.9	221.5	192.8	164.7	138.0
42.5°	418.9	402.4	380.5	352.4	320.8	291.2	262.4	233.7	203.8	173.7	145.8
40°	433.6	416.1	397.2	369.0	337.4	306.2	275.9	245.6	214.3	182.4	153.2
37.5°	447.2	429.1	410.0	384.3	352.4	320.2	288.9	257.1	224.2	191.2	160.3
35°	461.2	440.8	421.0	396.3	365.5	333.0	301.2	268.1	233.5	199.4	166.9
32.5°	474.5	451.7	430.3	406.1	377.4	344.5	312.2	277.7	242.2	206.9	173.2
30°	486.6	461.9	439.2	415.6	387.5	354.5	321.5	286.5	250.3	213.8	179.1
27.5°	496.3	470.3	447.8	423.7	395.6	363.5	329.7	294.3	257.8	220.2	184.6
25°	505.9	478.1	454.5	431.1	403.3	372.6	337.3	301.3	264.3	226.1	189.7
22.5°	516.7	485.3	459.9	438.2	411.0	381.4	344.5	307.3	270.0	231.5	194.1
20°	526.1	491.6	463.9	443.8	417.2	387.9	351.3	312.8	274.9	236.3	198.0
17.5°	534.4	498.3	469.1	447.0	422.1	393.5	357.7	317.6	279.0	240.5	201.4
15°	543.2	505.3	473.7	449.7	426.0	398.2	363.5	321.8	282.3	244.0	204.3
12.5°	550.9	511.0	477.5	451.7	429.0	402.0	368.5	325.2	284.9	246.9	207.1
10°	557.3	515.5	480.3	453.1	431.1	404.9	372.9	328.6	287.7	249.2	209.4
7.5°	562.4	518.5	482.1	453.9	432.6	407.2	376.6	332.4	290.0	250.8	211.2
5°	566.0	521.0	484.9	456.5	434.3	409.0	379.2	335.6	291.8	251.6	212.6
2.5°	568.8	523.1	488.0	459.0	435.3	410.1	380.7	337.9	292.8	251.8	213.4
0°	569.7	523.7	490.1	460.8	435.7	410.5	381.2	339.3	293.2	251.4	213.7
-2.5°	568.8	523.1	488.0	459.0	435.3	410.1	380.7	337.9	292.8	251.8	213.4
-5°	566.0	521.0	484.9	456.5	434.3	409.0	379.2	335.6	291.8	251.6	212.6
-7.5°	562.4	518.5	482.1	453.9	432.6	407.2	376.6	332.4	290.0	250.8	211.2
-10°	557.3	515.5	480.3	453.1	431.1	404.9	372.9	328.6	287.7	249.2	209.4
-12.5°	550.9	511.0	477.5	451.7	429.0	402.0	368.5	325.2	284.9	246.9	207.1
-15°	543.2	505.3	473.7	449.7	426.0	398.2	363.5	321.8	282.3	244.0	204.3
-17.5°	534.4	498.3	469.1	447.0	422.1	393.5	357.7	317.6	279.0	240.5	201.4
-20°	526.1	491.6	463.9	443.8	417.2	387.9	351.3	312.8	274.9	236.3	198.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	516.7	485.3	459.9	438.2	411.0	381.4	344.5	307.3	270.0	231.5	194.1
-25°	505.9	478.1	454.5	431.1	403.3	372.6	337.3	301.3	264.3	226.1	189.7
-27.5°	496.3	470.3	447.8	423.7	395.6	363.5	329.7	294.3	257.8	220.2	184.6
-30°	486.6	461.9	439.2	415.6	387.5	354.5	321.5	286.5	250.3	213.8	179.1
-32.5°	474.5	451.7	430.3	406.1	377.4	344.5	312.2	277.7	242.2	206.9	173.2
-35°	461.2	440.8	421.0	396.3	365.5	333.0	301.2	268.1	233.5	199.4	166.9
-37.5°	447.2	429.1	410.0	384.3	352.4	320.2	288.9	257.1	224.2	191.2	160.3
-40°	433.6	416.1	397.2	369.0	337.4	306.2	275.9	245.6	214.3	182.4	153.2
-42.5°	418.9	402.4	380.5	352.4	320.8	291.2	262.4	233.7	203.8	173.7	145.8
-45°	404.6	386.9	362.6	333.5	302.9	275.7	248.9	221.5	192.8	164.7	138.0
-47.5°	389.1	368.3	343.0	314.1	285.6	259.9	235.2	209.0	181.5	155.4	129.9
-50°	370.2	348.2	322.1	295.3	268.6	244.8	221.2	196.2	170.5	145.7	121.4
-52.5°	348.3	325.8	301.2	276.3	251.9	229.4	206.9	183.1	158.9	135.5	112.6
-55°	324.7	303.3	280.2	256.8	234.4	213.7	192.4	169.4	146.8	124.9	103.6
-57.5°	299.2	279.9	257.8	236.2	216.3	197.4	176.9	155.2	134.2	113.8	95.2
-60°	271.8	253.4	233.8	215.4	197.7	179.6	160.4	140.4	121.1	102.6	86.6
-62.5°	242.9	226.3	210.5	194.3	177.4	160.2	143.3	125.2	107.5	92.5	77.6
-65°	213.7	200.0	186.8	171.0	155.5	140.6	125.6	109.4	95.4	82.1	68.9
-67.5°	183.8	172.9	160.2	146.5	134.2	121.4	107.7	95.4	83.5	71.5	60.7
-70°	156.6	145.9	135.1	124.9	114.0	102.6	92.5	82.1	71.5	62.0	52.5
-72.5°	130.7	122.0	113.0	103.8	95.3	86.6	77.6	68.9	60.7	52.5	44.1
-75°	105.8	99.0	92.2	85.1	77.8	70.4	63.7	56.9	49.9	42.8	36.5
-77.5°	83.4	77.9	72.2	66.9	61.6	56.1	50.5	44.8	39.4	34.3	29.2
-80°	61.4	57.6	53.9	50.3	46.0	41.7	37.9	34.0	30.0	25.9	21.8
-82.5°	39.6	38.2	36.7	34.8	32.1	29.3	26.4	23.4	20.4	17.4	15.1
-85°	24.5	23.4	22.0	20.5	18.6	16.8	15.5	14.2	12.8	11.5	10.1
-87.5°	11.3	10.8	10.2	9.6	9.0	8.4	7.8	7.1	6.4	5.7	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):**

	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°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
80°	17.6	14.5	11.6	8.7	5.8	2.5	0.0
77.5°	23.9	18.6	14.5	10.9	7.2	3.2	0.0
75°	30.2	23.6	17.5	13.0	8.6	3.8	0.0
72.5°	36.3	28.5	21.3	15.1	10.0	4.4	0.0
70°	42.5	33.4	25.0	17.3	11.3	5.0	0.0
67.5°	49.5	38.1	28.7	20.0	12.6	5.6	0.0
65°	56.3	43.3	32.3	22.5	13.9	6.1	0.0
62.5°	63.1	48.9	35.7	25.1	15.1	6.7	0.0
60°	69.6	54.4	39.1	27.5	16.2	7.2	0.0
57.5°	76.9	59.7	43.3	29.9	17.7	7.7	0.0
55°	84.0	64.9	47.4	32.1	19.2	8.2	0.0
52.5°	90.9	70.0	51.5	34.3	20.6	8.7	0.0
50°	97.6	75.6	55.3	36.4	22.0	9.1	0.0
47.5°	104.2	81.0	59.1	38.6	23.4	9.6	0.0
45°	111.1	86.1	62.6	41.3	24.7	10.0	0.0
42.5°	117.8	91.0	66.1	43.9	26.0	10.3	0.0
40°	124.2	95.7	69.5	46.4	27.2	10.7	0.0
37.5°	130.2	100.1	73.1	48.8	28.4	11.0	0.0
35°	135.9	104.6	76.4	51.0	29.5	11.3	0.0
32.5°	141.2	109.1	79.5	53.2	30.5	11.6	0.0
30°	146.1	113.2	82.4	55.2	31.5	11.8	0.0
27.5°	150.7	117.0	85.2	57.0	32.5	12.0	0.0
25°	154.9	120.4	87.8	58.7	33.3	12.2	0.0
22.5°	158.7	123.6	90.2	60.3	34.1	12.4	0.0
20°	162.1	126.3	92.3	61.7	34.8	12.5	0.0
17.5°	164.9	128.6	94.2	62.9	35.5	12.6	0.0
15°	167.2	130.5	95.9	64.0	36.1	12.7	0.0
12.5°	169.0	132.0	97.3	64.9	36.6	12.7	0.0
10°	170.5	133.2	98.4	65.7	37.0	12.8	0.0
7.5°	171.5	133.9	99.3	66.2	37.3	12.8	0.0
5°	172.0	134.3	100.0	66.7	37.5	12.7	0.0
2.5°	172.1	134.4	100.4	66.9	37.7	12.7	0.0
0°	171.8	134.1	100.5	67.0	37.7	12.6	0.0
-2.5°	172.1	134.4	100.4	66.9	37.7	12.7	0.0
-5°	172.0	134.3	100.0	66.7	37.5	12.7	0.0
-7.5°	171.5	133.9	99.3	66.2	37.3	12.8	0.0
-10°	170.5	133.2	98.4	65.7	37.0	12.8	0.0
-12.5°	169.0	132.0	97.3	64.9	36.6	12.7	0.0
-15°	167.2	130.5	95.9	64.0	36.1	12.7	0.0
-17.5°	164.9	128.6	94.2	62.9	35.5	12.6	0.0
-20°	162.1	126.3	92.3	61.7	34.8	12.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	158.7	123.6	90.2	60.3	34.1	12.4	0.0
-25°	154.9	120.4	87.8	58.7	33.3	12.2	0.0
-27.5°	150.7	117.0	85.2	57.0	32.5	12.0	0.0
-30°	146.1	113.2	82.4	55.2	31.5	11.8	0.0
-32.5°	141.2	109.1	79.5	53.2	30.5	11.6	0.0
-35°	135.9	104.6	76.4	51.0	29.5	11.3	0.0
-37.5°	130.2	100.1	73.1	48.8	28.4	11.0	0.0
-40°	124.2	95.7	69.5	46.4	27.2	10.7	0.0
-42.5°	117.8	91.0	66.1	43.9	26.0	10.3	0.0
-45°	111.1	86.1	62.6	41.3	24.7	10.0	0.0
-47.5°	104.2	81.0	59.1	38.6	23.4	9.6	0.0
-50°	97.6	75.6	55.3	36.4	22.0	9.1	0.0
-52.5°	90.9	70.0	51.5	34.3	20.6	8.7	0.0
-55°	84.0	64.9	47.4	32.1	19.2	8.2	0.0
-57.5°	76.9	59.7	43.3	29.9	17.7	7.7	0.0
-60°	69.6	54.4	39.1	27.5	16.2	7.2	0.0
-62.5°	63.1	48.9	35.7	25.1	15.1	6.7	0.0
-65°	56.3	43.3	32.3	22.5	13.9	6.1	0.0
-67.5°	49.5	38.1	28.7	20.0	12.6	5.6	0.0
-70°	42.5	33.4	25.0	17.3	11.3	5.0	0.0
-72.5°	36.3	28.5	21.3	15.1	10.0	4.4	0.0
-75°	30.2	23.6	17.5	13.0	8.6	3.8	0.0
-77.5°	23.9	18.6	14.5	10.9	7.2	3.2	0.0
-80°	17.6	14.5	11.6	8.7	5.8	2.5	0.0
-82.5°	13.0	10.9	8.7	6.6	4.4	1.9	0.0
-85°	8.7	7.3	5.8	4.4	2.9	1.3	0.0
-87.5°	4.3	3.6	2.9	2.2	1.5	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)