

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: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P627139 (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-SA3C-727-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N62  
Light Source: (48) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15017.4 lumens  
Efficiency: N/A  
Efficacy: 123.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V  
Max Intensity: 141426 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V  
Beam Lumens: 4440 lumens  
Beam Efficiency: 29.6%

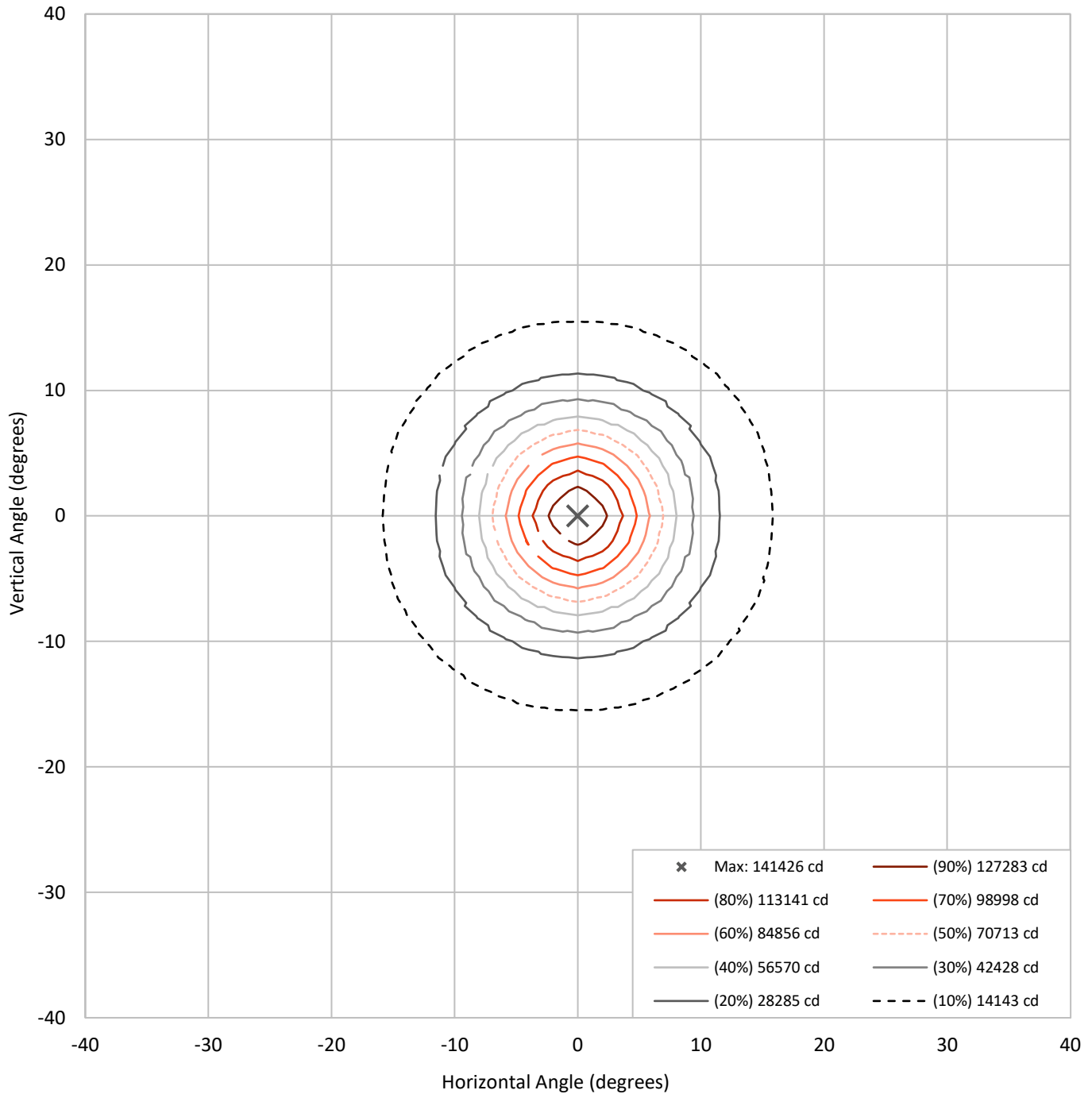
Field Angle (10%): 31.6°H x 30.6°V  
Field Lumens: 9991.8 lumens  
Field Efficiency: 66.5%

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





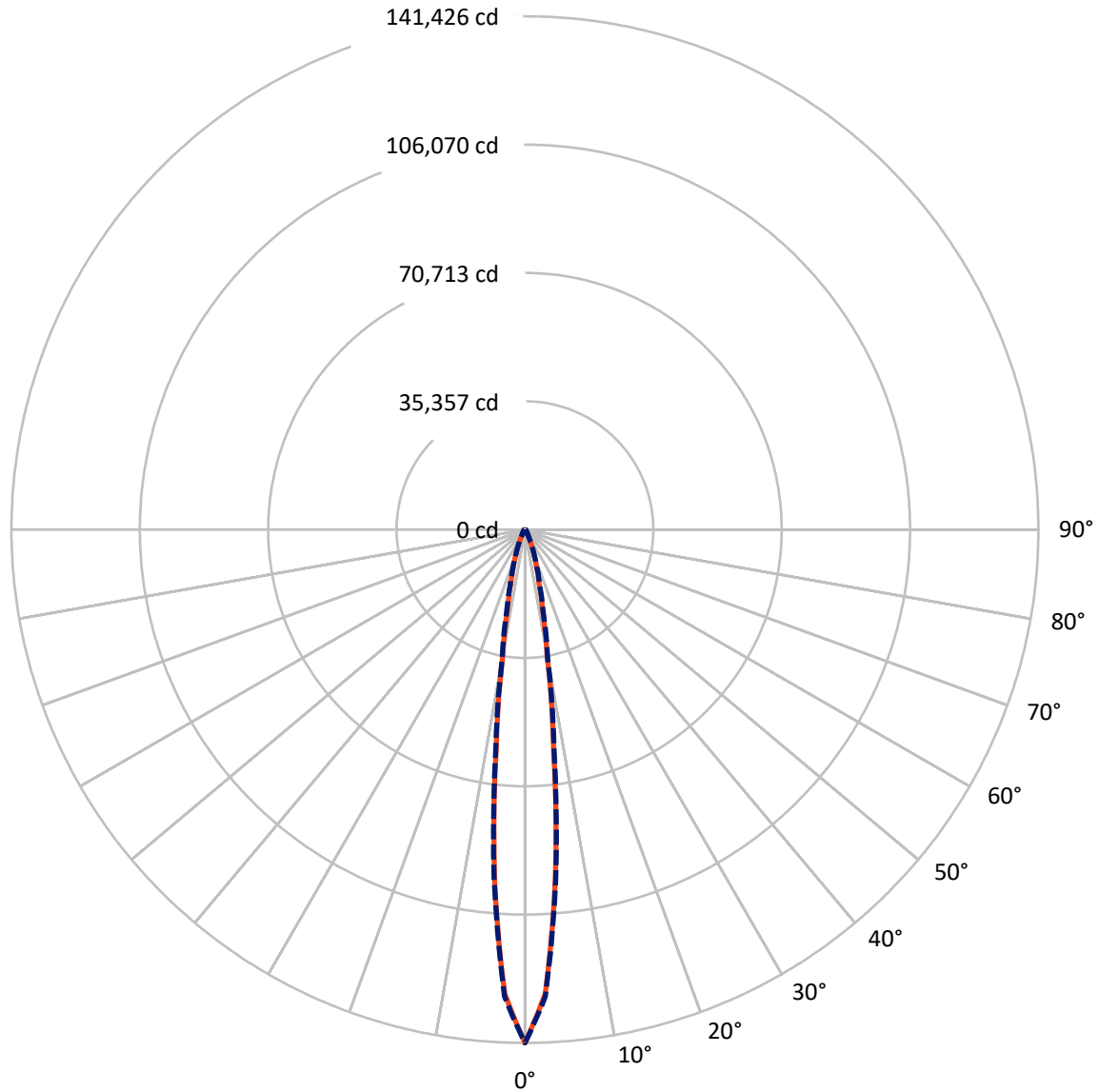
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### Lumen Table

90	0.3	2.1		5.4		8.7		9.5		8.7		5.4		2.1		0.3			
80	0.3	2.1		5.4		8.7		9.5		8.7		5.4		2.1		0.3			
70	0.9	1.0	2.2	3.6	5.0	6.2	6.9	7.2	7.2	6.9	6.2	5.0	3.6	2.2	1.0	0.9			
60		1.6	3.3	5.3	7.1	8.7	9.7	10.1	10.1	9.7	8.7	7.1	5.3	3.3	1.6				
50	1.6	2.1	4.2	6.5	8.7	10.9	12.9	13.9	13.9	12.9	10.9	8.7	6.5	4.2	2.1	1.6			
40		2.5	5.0	7.5	10.7	15.4	21.6	26.8	26.8	21.6	15.4	10.7	7.5	5.0	2.5				
30	2.1	2.8	5.4	8.5	13.8	27.4	62.5	103.4	103.4	62.5	27.4	13.8	8.5	5.4	2.8	2.1			
20		3.0	5.7	9.4	18.3	58.3	206.9	445.6	445.6	206.9	58.3	18.3	9.4	5.7	3.0				
10	2.3	3.1	5.8	9.9	22.2	96.0	449.7	1942.8	1942.8	449.7	96.0	22.2	9.9	5.8	3.1	2.3			
0		3.1	5.8	9.9	22.2	96.0	449.7	1942.8	1942.8	449.7	96.0	22.2	9.9	5.8	3.1				
-10	2.1	3.0	5.7	9.4	18.3	58.3	206.9	445.6	445.6	206.9	58.3	18.3	9.4	5.7	3.0	2.1			
-20		2.8	5.4	8.5	13.8	27.4	62.5	103.4	103.4	62.5	27.4	13.8	8.5	5.4	2.8				
-30	1.6	2.5	5.0	7.5	10.7	15.4	21.6	26.8	26.8	21.6	15.4	10.7	7.5	5.0	2.5	1.6			
-40		2.1	4.2	6.5	8.7	10.9	12.9	13.9	13.9	12.9	10.9	8.7	6.5	4.2	2.1				
-50	0.9	1.6	3.3	5.3	7.1	8.7	9.7	10.1	10.1	9.7	8.7	7.1	5.3	3.3	1.6	0.9			
-60		1.0	2.2	3.6	5.0	6.2	6.9	7.2	7.2	6.9	6.2	5.0	3.6	2.2	1.0				
-70	0.3	2.1		5.4		8.7		9.5		8.7		5.4		2.1		0.3			
-80		2.1		5.4		8.7		9.5		8.7		5.4		2.1					
-90	0.3	2.1		5.4		8.7		9.5		8.7		5.4		2.1		0.3			
	-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

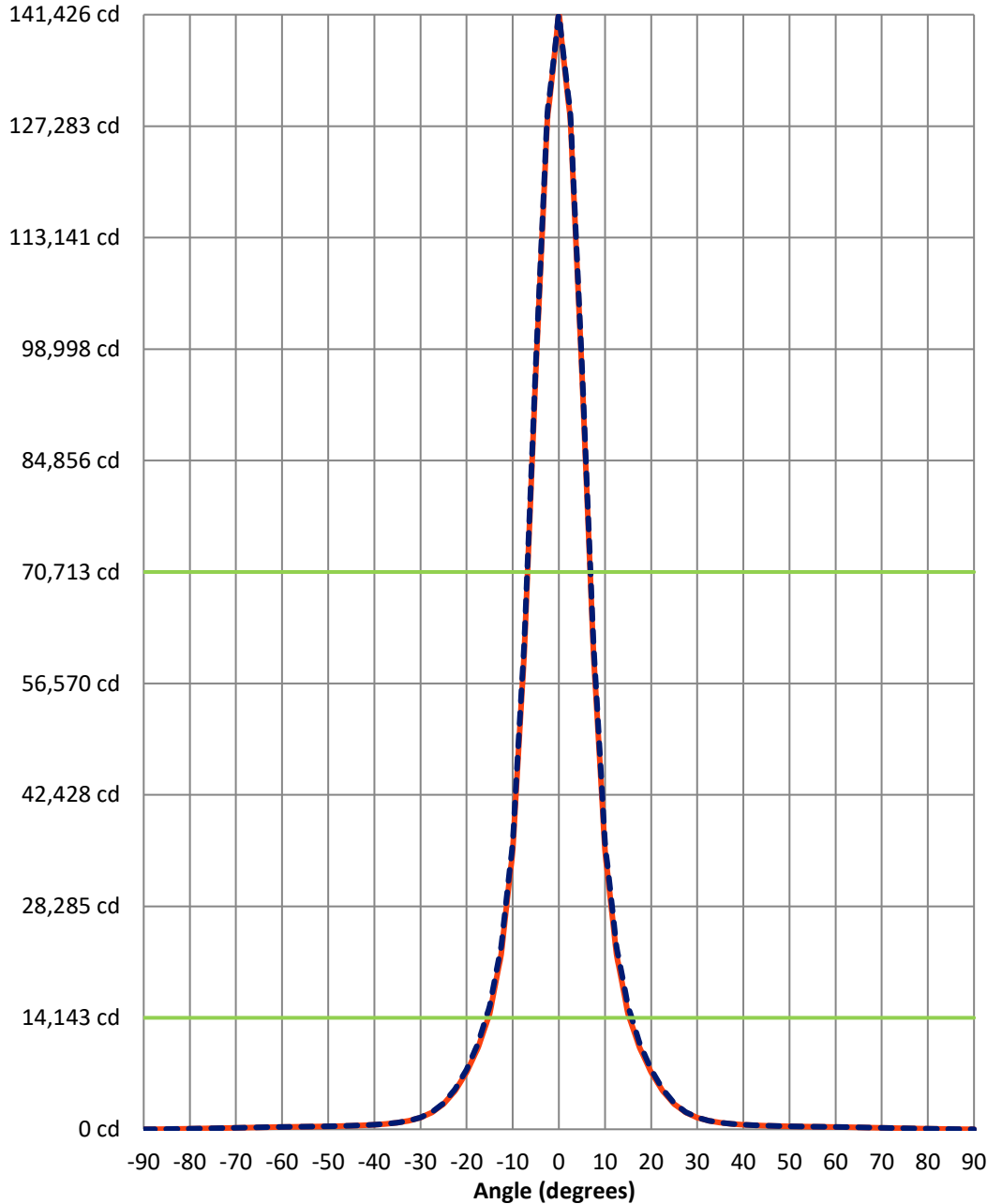


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4440  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 9991.8  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 5025.6  
 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	0.5	1.1	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.7	16.9
80°	0.0	1.8	4.2	6.3	8.4	10.4	12.7	15.7	18.7	21.6	24.5
77.5°	0.0	2.3	5.2	7.8	10.4	13.4	17.2	21.1	24.8	28.5	32.4
75°	0.0	2.7	6.2	9.4	12.6	17.0	21.8	26.4	31.0	36.1	41.2
72.5°	0.0	3.2	7.2	10.9	15.4	20.6	26.2	31.9	38.0	43.9	49.8
70°	0.0	3.6	8.1	12.5	18.1	24.1	30.7	38.0	44.9	51.7	59.4
67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	43.9	51.7	60.5	69.1
65°	0.0	4.4	10.0	16.3	23.3	31.3	40.7	49.8	59.4	69.1	79.2
62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.6	56.2	66.9	77.8	90.6
60°	0.0	5.2	11.7	19.9	28.3	39.3	50.4	62.7	74.3	87.6	101.6
57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.6	68.9	82.4	97.1	112.3
55°	0.0	5.9	13.9	23.3	34.3	47.0	60.8	75.0	90.4	106.2	122.6
52.5°	0.0	6.3	14.9	24.8	37.2	50.7	65.8	81.5	98.0	115.0	132.5
50°	0.0	6.6	15.9	26.4	40.1	54.7	70.6	87.8	105.4	123.4	141.9
47.5°	0.0	6.9	16.9	28.0	42.8	58.6	75.4	93.9	112.4	131.3	151.2
45°	0.0	7.2	17.9	29.9	45.3	62.3	80.4	99.8	119.2	139.5	160.3
42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.2	105.5	125.6	147.4	169.1
40°	0.0	7.7	19.7	33.6	50.3	69.2	89.8	110.9	132.0	155.1	177.7
37.5°	0.0	7.9	20.5	35.3	52.9	72.4	94.2	116.0	138.3	162.2	186.0
35°	0.0	8.2	21.3	36.9	55.3	75.7	98.3	120.8	144.2	168.9	194.0
32.5°	0.0	8.4	22.1	38.5	57.5	78.9	102.1	125.3	149.7	175.2	200.9
30°	0.0	8.5	22.8	39.9	59.6	81.9	105.7	129.6	154.6	181.1	207.2
27.5°	0.0	8.7	23.5	41.3	61.7	84.6	109.0	133.6	159.2	186.5	212.9
25°	0.0	8.8	24.1	42.5	63.6	87.1	112.1	137.2	163.5	191.2	217.9
22.5°	0.0	8.9	24.7	43.6	65.3	89.4	114.8	140.4	167.4	195.3	222.3
20°	0.0	9.0	25.2	44.6	66.8	91.4	117.3	143.2	170.9	198.8	226.3
17.5°	0.0	9.1	25.7	45.5	68.2	93.0	119.3	145.6	173.9	201.8	229.7
15°	0.0	9.2	26.1	46.3	69.4	94.4	121.0	147.8	176.4	204.2	232.8
12.5°	0.0	9.2	26.5	47.0	70.4	95.5	122.3	149.7	178.6	206.1	235.3
10°	0.0	9.2	26.8	47.5	71.2	96.3	123.3	151.4	180.2	208.1	237.7
7.5°	0.0	9.2	27.0	48.0	71.9	96.9	124.0	152.7	181.4	209.8	240.5
5°	0.0	9.2	27.2	48.3	72.3	97.2	124.4	153.7	182.0	211.1	242.7
2.5°	0.0	9.2	27.3	48.4	72.6	97.2	124.5	154.3	182.1	211.8	244.4
0°	0.0	9.1	27.3	48.5	72.7	97.0	124.2	154.5	181.8	212.1	245.4
-2.5°	0.0	9.2	27.3	48.4	72.6	97.2	124.5	154.3	182.1	211.8	244.4
-5°	0.0	9.2	27.2	48.3	72.3	97.2	124.4	153.7	182.0	211.1	242.7
-7.5°	0.0	9.2	27.0	48.0	71.9	96.9	124.0	152.7	181.4	209.8	240.5
-10°	0.0	9.2	26.8	47.5	71.2	96.3	123.3	151.4	180.2	208.1	237.7
-12.5°	0.0	9.2	26.5	47.0	70.4	95.5	122.3	149.7	178.6	206.1	235.3
-15°	0.0	9.2	26.1	46.3	69.4	94.4	121.0	147.8	176.4	204.2	232.8
-17.5°	0.0	9.1	25.7	45.5	68.2	93.0	119.3	145.6	173.9	201.8	229.7
-20°	0.0	9.0	25.2	44.6	66.8	91.4	117.3	143.2	170.9	198.8	226.3

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Scaled Data Report



REPORT NUMBER: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.9	24.7	43.6	65.3	89.4	114.8	140.4	167.4	195.3	222.3
-25°	0.0	8.8	24.1	42.5	63.6	87.1	112.1	137.2	163.5	191.2	217.9
-27.5°	0.0	8.7	23.5	41.3	61.7	84.6	109.0	133.6	159.2	186.5	212.9
-30°	0.0	8.5	22.8	39.9	59.6	81.9	105.7	129.6	154.6	181.1	207.2
-32.5°	0.0	8.4	22.1	38.5	57.5	78.9	102.1	125.3	149.7	175.2	200.9
-35°	0.0	8.2	21.3	36.9	55.3	75.7	98.3	120.8	144.2	168.9	194.0
-37.5°	0.0	7.9	20.5	35.3	52.9	72.4	94.2	116.0	138.3	162.2	186.0
-40°	0.0	7.7	19.7	33.6	50.3	69.2	89.8	110.9	132.0	155.1	177.7
-42.5°	0.0	7.5	18.8	31.8	47.8	65.9	85.2	105.5	125.6	147.4	169.1
-45°	0.0	7.2	17.9	29.9	45.3	62.3	80.4	99.8	119.2	139.5	160.3
-47.5°	0.0	6.9	16.9	28.0	42.8	58.6	75.4	93.9	112.4	131.3	151.2
-50°	0.0	6.6	15.9	26.4	40.1	54.7	70.6	87.8	105.4	123.4	141.9
-52.5°	0.0	6.3	14.9	24.8	37.2	50.7	65.8	81.5	98.0	115.0	132.5
-55°	0.0	5.9	13.9	23.3	34.3	47.0	60.8	75.0	90.4	106.2	122.6
-57.5°	0.0	5.6	12.8	21.6	31.3	43.2	55.6	68.9	82.4	97.1	112.3
-60°	0.0	5.2	11.7	19.9	28.3	39.3	50.4	62.7	74.3	87.6	101.6
-62.5°	0.0	4.8	10.9	18.1	25.8	35.4	45.6	56.2	66.9	77.8	90.6
-65°	0.0	4.4	10.0	16.3	23.3	31.3	40.7	49.8	59.4	69.1	79.2
-67.5°	0.0	4.0	9.1	14.4	20.7	27.6	35.8	43.9	51.7	60.5	69.1
-70°	0.0	3.6	8.1	12.5	18.1	24.1	30.7	38.0	44.9	51.7	59.4
-72.5°	0.0	3.2	7.2	10.9	15.4	20.6	26.2	31.9	38.0	43.9	49.8
-75°	0.0	2.7	6.2	9.4	12.6	17.0	21.8	26.4	31.0	36.1	41.2
-77.5°	0.0	2.3	5.2	7.8	10.4	13.4	17.2	21.1	24.8	28.5	32.4
-80°	0.0	1.8	4.2	6.3	8.4	10.4	12.7	15.7	18.7	21.6	24.5
-82.5°	0.0	1.4	3.1	4.7	6.3	7.8	9.4	10.9	12.5	14.7	16.9
-85°	0.0	0.9	2.1	3.2	4.2	5.2	6.3	7.3	8.3	9.3	10.2
-87.5°	0.0	0.5	1.1	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°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
85°	11.2	12.1	13.4	14.8	15.9	16.9	17.7	18.4	19.6	21.0	22.3
82.5°	19.1	21.1	23.2	25.2	26.5	27.6	28.7	30.2	32.9	35.5	37.8
80°	27.4	30.2	33.3	36.4	39.0	41.6	44.4	47.2	50.1	52.9	55.6
77.5°	36.5	40.6	44.5	48.4	52.2	56.3	60.3	64.2	67.9	71.4	74.7
75°	46.1	51.0	56.3	61.6	66.7	71.7	76.6	81.7	86.7	91.4	95.9
72.5°	56.2	62.7	69.0	75.1	81.8	88.3	94.5	100.6	106.5	112.7	119.2
70°	66.9	74.3	82.5	90.4	97.7	105.5	113.3	120.0	126.4	134.9	143.6
67.5°	77.9	87.9	97.1	106.0	115.9	125.1	133.0	141.5	150.6	160.4	169.0
65°	90.9	101.7	112.5	123.7	135.2	144.7	154.6	165.1	175.4	185.2	194.5
62.5°	103.7	116.0	128.4	140.6	152.3	163.8	175.7	187.4	198.7	210.1	220.1
60°	116.1	130.0	143.0	155.8	169.1	183.3	196.6	209.5	223.1	235.9	242.7
57.5°	128.0	142.8	156.5	170.8	186.5	202.5	216.4	231.1	242.7	251.7	260.4
55°	139.2	154.6	169.6	185.7	202.7	219.4	234.9	248.0	258.7	266.9	276.2
52.5°	149.7	165.9	182.2	199.9	217.9	235.7	251.9	264.2	273.8	282.2	290.9
50°	160.0	177.0	194.3	213.6	232.9	251.8	267.7	279.0	288.1	296.7	305.6
47.5°	170.1	188.0	206.6	227.2	248.1	266.3	281.4	291.7	300.9	311.0	320.8
45°	180.1	199.4	219.1	241.2	262.2	279.8	292.6	302.9	314.3	325.2	335.7
42.5°	189.8	210.7	232.0	254.9	275.2	291.1	303.0	315.2	327.4	339.1	350.9
40°	199.6	221.5	244.1	266.8	287.3	300.9	313.6	326.7	340.2	352.8	365.9
37.5°	209.0	231.6	254.9	277.9	296.5	310.4	323.5	338.0	352.2	366.0	383.1
35°	217.9	240.9	264.3	286.6	304.5	318.8	333.5	348.8	363.7	381.5	401.0
32.5°	225.8	249.2	273.0	293.7	311.2	326.7	343.2	359.1	377.0	397.2	420.5
30°	232.6	256.4	280.3	300.6	317.7	334.0	351.9	369.5	390.4	414.7	442.5
27.5°	238.5	262.9	286.2	306.5	323.9	340.1	358.9	381.1	405.1	432.4	465.0
25°	244.0	269.5	291.7	311.9	328.8	345.8	365.9	390.4	419.3	452.2	492.1
22.5°	249.2	275.8	297.3	317.0	332.6	351.0	373.7	400.3	431.8	470.3	518.8
20°	254.1	280.5	301.8	321.0	335.5	355.5	380.5	409.0	444.7	490.6	546.8
17.5°	258.7	284.6	305.3	323.3	339.3	360.4	386.6	416.0	455.9	509.0	572.5
15°	262.9	288.0	308.1	325.2	342.7	365.5	392.9	424.8	468.4	526.6	595.3
12.5°	266.6	290.7	310.3	326.7	345.4	369.6	398.5	433.9	481.7	544.0	624.1
10°	269.7	292.8	311.8	327.8	347.4	372.8	403.1	441.3	492.4	557.4	646.3
7.5°	272.4	294.5	312.8	328.4	348.8	375.1	406.8	447.0	499.9	566.9	662.3
5°	274.3	295.8	314.1	330.2	350.8	376.8	409.4	450.8	504.3	572.6	672.3
2.5°	275.3	296.6	314.8	332.0	353.0	378.3	411.4	455.0	507.8	578.1	679.9
0°	275.7	296.9	315.1	333.3	354.5	378.8	412.1	457.5	509.1	581.8	684.8
-2.5°	275.3	296.6	314.8	332.0	353.0	378.3	411.4	455.0	507.8	578.1	679.9
-5°	274.3	295.8	314.1	330.2	350.8	376.8	409.4	450.8	504.3	572.6	672.3
-7.5°	272.4	294.5	312.8	328.4	348.8	375.1	406.8	447.0	499.9	566.9	662.3
-10°	269.7	292.8	311.8	327.8	347.4	372.8	403.1	441.3	492.4	557.4	646.3
-12.5°	266.6	290.7	310.3	326.7	345.4	369.6	398.5	433.9	481.7	544.0	624.1
-15°	262.9	288.0	308.1	325.2	342.7	365.5	392.9	424.8	468.4	526.6	595.3
-17.5°	258.7	284.6	305.3	323.3	339.3	360.4	386.6	416.0	455.9	509.0	572.5
-20°	254.1	280.5	301.8	321.0	335.5	355.5	380.5	409.0	444.7	490.6	546.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	249.2	275.8	297.3	317.0	332.6	351.0	373.7	400.3	431.8	470.3	518.8
-25°	244.0	269.5	291.7	311.9	328.8	345.8	365.9	390.4	419.3	452.2	492.1
-27.5°	238.5	262.9	286.2	306.5	323.9	340.1	358.9	381.1	405.1	432.4	465.0
-30°	232.6	256.4	280.3	300.6	317.7	334.0	351.9	369.5	390.4	414.7	442.5
-32.5°	225.8	249.2	273.0	293.7	311.2	326.7	343.2	359.1	377.0	397.2	420.5
-35°	217.9	240.9	264.3	286.6	304.5	318.8	333.5	348.8	363.7	381.5	401.0
-37.5°	209.0	231.6	254.9	277.9	296.5	310.4	323.5	338.0	352.2	366.0	383.1
-40°	199.6	221.5	244.1	266.8	287.3	300.9	313.6	326.7	340.2	352.8	365.9
-42.5°	189.8	210.7	232.0	254.9	275.2	291.1	303.0	315.2	327.4	339.1	350.9
-45°	180.1	199.4	219.1	241.2	262.2	279.8	292.6	302.9	314.3	325.2	335.7
-47.5°	170.1	188.0	206.6	227.2	248.1	266.3	281.4	291.7	300.9	311.0	320.8
-50°	160.0	177.0	194.3	213.6	232.9	251.8	267.7	279.0	288.1	296.7	305.6
-52.5°	149.7	165.9	182.2	199.9	217.9	235.7	251.9	264.2	273.8	282.2	290.9
-55°	139.2	154.6	169.6	185.7	202.7	219.4	234.9	248.0	258.7	266.9	276.2
-57.5°	128.0	142.8	156.5	170.8	186.5	202.5	216.4	231.1	242.7	251.7	260.4
-60°	116.1	130.0	143.0	155.8	169.1	183.3	196.6	209.5	223.1	235.9	242.7
-62.5°	103.7	116.0	128.4	140.6	152.3	163.8	175.7	187.4	198.7	210.1	220.1
-65°	90.9	101.7	112.5	123.7	135.2	144.7	154.6	165.1	175.4	185.2	194.5
-67.5°	77.9	87.9	97.1	106.0	115.9	125.1	133.0	141.5	150.6	160.4	169.0
-70°	66.9	74.3	82.5	90.4	97.7	105.5	113.3	120.0	126.4	134.9	143.6
-72.5°	56.2	62.7	69.0	75.1	81.8	88.3	94.5	100.6	106.5	112.7	119.2
-75°	46.1	51.0	56.3	61.6	66.7	71.7	76.6	81.7	86.7	91.4	95.9
-77.5°	36.5	40.6	44.5	48.4	52.2	56.3	60.3	64.2	67.9	71.4	74.7
-80°	27.4	30.2	33.3	36.4	39.0	41.6	44.4	47.2	50.1	52.9	55.6
-82.5°	19.1	21.1	23.2	25.2	26.5	27.6	28.7	30.2	32.9	35.5	37.8
-85°	11.2	12.1	13.4	14.8	15.9	16.9	17.7	18.4	19.6	21.0	22.3
-87.5°	5.6	6.0	6.5	6.9	7.4	7.8	8.2	8.6	8.9	9.3	9.6
-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: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
85°	23.7	24.6	25.4	26.2	26.9	27.5	28.1	28.6	29.1	28.7	28.3
82.5°	39.9	41.5	42.9	44.3	45.5	46.6	47.6	48.5	49.3	49.3	49.1
80°	58.1	60.7	63.3	65.9	68.4	70.0	71.1	71.9	72.5	72.8	72.8
77.5°	78.1	82.1	86.3	90.4	94.5	96.8	98.5	99.9	101.0	101.2	101.0
75°	100.2	105.4	111.1	116.1	120.5	123.1	125.0	126.5	127.8	128.1	128.0
72.5°	126.0	132.4	137.5	141.7	145.4	148.2	150.5	152.5	154.1	154.8	154.8
70°	151.3	157.6	162.5	166.7	170.3	173.3	176.1	178.5	180.4	181.9	182.9
67.5°	176.9	184.1	189.1	193.0	196.1	199.2	202.9	206.1	208.8	210.6	211.5
65°	203.2	210.7	215.5	219.8	223.5	227.4	231.6	234.6	236.5	237.8	238.6
62.5°	228.7	235.7	241.8	247.4	252.8	257.3	260.1	262.6	264.8	266.6	268.0
60°	250.6	259.5	266.3	271.7	277.0	282.1	285.5	288.3	290.4	292.0	293.0
57.5°	269.3	278.3	286.3	291.6	297.3	303.4	307.4	309.8	311.9	313.7	314.6
55°	285.7	294.0	301.4	308.5	315.0	320.4	324.7	327.8	330.5	332.6	333.2
52.5°	300.4	309.4	318.1	325.7	332.0	337.3	341.5	345.4	348.3	350.3	351.2
50°	315.8	325.6	334.8	343.2	349.7	355.6	360.8	365.4	369.7	373.2	375.6
47.5°	331.0	341.4	351.6	360.8	368.6	377.1	384.8	391.3	397.6	402.8	406.4
45°	346.3	358.3	369.5	381.3	391.8	403.0	413.4	422.4	431.6	438.5	443.2
42.5°	363.3	377.0	390.4	405.1	419.5	434.1	449.8	463.9	474.7	484.9	493.1
40°	381.5	397.2	414.7	432.7	453.9	473.2	494.4	512.5	528.9	546.3	560.1
37.5°	401.0	420.5	443.5	467.7	495.1	521.5	549.1	576.2	599.9	627.9	649.2
35°	422.5	448.6	476.9	509.6	543.7	581.4	619.2	662.8	700.4	741.7	777.8
32.5°	447.9	479.1	516.3	559.3	603.2	660.4	713.8	783.3	843.4	909.0	975.1
30°	474.2	514.8	562.8	617.0	686.8	765.5	853.1	956.5	1063.1	1166.2	1290.6
27.5°	506.5	555.7	613.8	693.1	795.7	902.0	1052.8	1207.9	1403.8	1565.8	1794.3
25°	540.2	598.1	680.7	788.5	922.4	1106.9	1335.7	1583.7	1928.4	2231.2	2586.3
22.5°	576.9	655.0	757.8	890.8	1093.9	1377.1	1723.6	2190.4	2698.8	3238.5	3775.4
20°	615.2	709.6	844.3	1037.1	1315.8	1699.4	2294.1	3014.8	3741.1	4631.7	5420.3
17.5°	659.4	779.6	945.6	1186.8	1558.6	2146.2	2971.3	3977.4	5104.1	6384.7	7521.5
15°	696.3	839.6	1049.1	1386.6	1897.9	2652.5	3693.0	5077.1	6770.3	8490.0	10234.8
12.5°	739.1	904.8	1150.9	1553.3	2195.6	3198.4	4614.7	6366.6	8481.2	10866.6	13678.5
10°	777.0	968.9	1274.8	1772.8	2557.8	3767.8	5486.6	7594.3	10323.2	13755.1	18109.7
7.5°	805.2	1019.9	1370.5	1940.0	2870.9	4315.1	6310.3	8938.6	12406.1	16938.0	22914.4
5°	823.5	1056.8	1438.1	2068.9	3116.0	4722.5	6914.0	9892.1	14075.4	20485.0	30605.2
2.5°	834.4	1078.7	1476.8	2144.6	3265.1	4992.4	7373.4	10613.1	15157.2	22677.1	35551.9
0°	839.3	1084.8	1499.9	2184.7	3314.9	5096.6	7584.3	10941.6	15641.3	23189.2	36421.6
-2.5°	834.4	1078.7	1476.8	2144.6	3265.1	4992.4	7373.4	10613.1	15157.2	22677.1	35551.9
-5°	823.5	1056.8	1438.1	2068.9	3116.0	4722.5	6914.0	9892.1	14075.4	20485.0	30605.2
-7.5°	805.2	1019.9	1370.5	1940.0	2870.9	4315.1	6310.3	8938.6	12406.1	16938.0	22914.4
-10°	777.0	968.9	1274.8	1772.8	2557.8	3767.8	5486.6	7594.3	10323.2	13755.1	18109.7
-12.5°	739.1	904.8	1150.9	1553.3	2195.6	3198.4	4614.7	6366.6	8481.2	10866.6	13678.5
-15°	696.3	839.6	1049.1	1386.6	1897.9	2652.5	3693.0	5077.1	6770.3	8490.0	10234.8
-17.5°	659.4	779.6	945.6	1186.8	1558.6	2146.2	2971.3	3977.4	5104.1	6384.7	7521.5
-20°	615.2	709.6	844.3	1037.1	1315.8	1699.4	2294.1	3014.8	3741.1	4631.7	5420.3

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	576.9	655.0	757.8	890.8	1093.9	1377.1	1723.6	2190.4	2698.8	3238.5	3775.4
-25°	540.2	598.1	680.7	788.5	922.4	1106.9	1335.7	1583.7	1928.4	2231.2	2586.3
-27.5°	506.5	555.7	613.8	693.1	795.7	902.0	1052.8	1207.9	1403.8	1565.8	1794.3
-30°	474.2	514.8	562.8	617.0	686.8	765.5	853.1	956.5	1063.1	1166.2	1290.6
-32.5°	447.9	479.1	516.3	559.3	603.2	660.4	713.8	783.3	843.4	909.0	975.1
-35°	422.5	448.6	476.9	509.6	543.7	581.4	619.2	662.8	700.4	741.7	777.8
-37.5°	401.0	420.5	443.5	467.7	495.1	521.5	549.1	576.2	599.9	627.9	649.2
-40°	381.5	397.2	414.7	432.7	453.9	473.2	494.4	512.5	528.9	546.3	560.1
-42.5°	363.3	377.0	390.4	405.1	419.5	434.1	449.8	463.9	474.7	484.9	493.1
-45°	346.3	358.3	369.5	381.3	391.8	403.0	413.4	422.4	431.6	438.5	443.2
-47.5°	331.0	341.4	351.6	360.8	368.6	377.1	384.8	391.3	397.6	402.8	406.4
-50°	315.8	325.6	334.8	343.2	349.7	355.6	360.8	365.4	369.7	373.2	375.6
-52.5°	300.4	309.4	318.1	325.7	332.0	337.3	341.5	345.4	348.3	350.3	351.2
-55°	285.7	294.0	301.4	308.5	315.0	320.4	324.7	327.8	330.5	332.6	333.2
-57.5°	269.3	278.3	286.3	291.6	297.3	303.4	307.4	309.8	311.9	313.7	314.6
-60°	250.6	259.5	266.3	271.7	277.0	282.1	285.5	288.3	290.4	292.0	293.0
-62.5°	228.7	235.7	241.8	247.4	252.8	257.3	260.1	262.6	264.8	266.6	268.0
-65°	203.2	210.7	215.5	219.8	223.5	227.4	231.6	234.6	236.5	237.8	238.6
-67.5°	176.9	184.1	189.1	193.0	196.1	199.2	202.9	206.1	208.8	210.6	211.5
-70°	151.3	157.6	162.5	166.7	170.3	173.3	176.1	178.5	180.4	181.9	182.9
-72.5°	126.0	132.4	137.5	141.7	145.4	148.2	150.5	152.5	154.1	154.8	154.8
-75°	100.2	105.4	111.1	116.1	120.5	123.1	125.0	126.5	127.8	128.1	128.0
-77.5°	78.1	82.1	86.3	90.4	94.5	96.8	98.5	99.9	101.0	101.2	101.0
-80°	58.1	60.7	63.3	65.9	68.4	70.0	71.1	71.9	72.5	72.8	72.8
-82.5°	39.9	41.5	42.9	44.3	45.5	46.6	47.6	48.5	49.3	49.3	49.1
-85°	23.7	24.6	25.4	26.2	26.9	27.5	28.1	28.6	29.1	28.7	28.3
-87.5°	9.9	10.2	10.5	10.7	11.0	11.2	11.4	11.5	11.7	11.1	10.4
-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: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-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°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
85°	27.7	27.2	27.3	27.3	27.3	27.2	27.7	28.3	28.7	29.1	28.6
82.5°	48.7	48.3	48.4	48.5	48.4	48.3	48.7	49.1	49.3	49.3	48.5
80°	72.7	72.4	71.1	69.7	71.1	72.4	72.7	72.8	72.8	72.5	71.9
77.5°	100.4	99.5	98.4	97.0	98.4	99.5	100.4	101.0	101.2	101.0	99.9
75°	127.5	126.8	127.1	127.3	127.1	126.8	127.5	128.0	128.1	127.8	126.5
72.5°	154.6	153.9	154.3	154.5	154.3	153.9	154.6	154.8	154.8	154.1	152.5
70°	183.6	183.9	183.2	181.8	183.2	183.9	183.6	182.9	181.9	180.4	178.5
67.5°	211.7	211.4	210.5	209.1	210.5	211.4	211.7	211.5	210.6	208.8	206.1
65°	238.9	238.6	239.1	239.4	239.1	238.6	238.9	238.6	237.8	236.5	234.6
62.5°	268.7	268.7	268.0	266.6	268.0	268.7	268.7	268.0	266.6	264.8	262.6
60°	293.4	293.2	292.3	290.9	292.3	293.2	293.4	293.0	292.0	290.4	288.3
57.5°	314.8	314.5	313.6	312.1	313.6	314.5	314.8	314.6	313.7	311.9	309.8
55°	333.3	332.9	331.9	330.3	331.9	332.9	333.3	333.2	332.6	330.5	327.8
52.5°	351.4	351.1	351.2	351.5	351.2	351.1	351.4	351.2	350.3	348.3	345.4
50°	377.2	377.7	377.2	375.7	377.2	377.7	377.2	375.6	373.2	369.7	365.4
47.5°	408.1	408.2	407.5	406.0	407.5	408.2	408.1	406.4	402.8	397.6	391.3
45°	446.9	449.1	449.7	448.5	449.7	449.1	446.9	443.2	438.5	431.6	422.4
42.5°	499.5	502.9	503.9	503.0	503.9	502.9	499.5	493.1	484.9	474.7	463.9
40°	568.6	572.5	573.2	572.7	573.2	572.5	568.6	560.1	546.3	528.9	512.5
37.5°	664.2	673.7	678.2	678.7	678.2	673.7	664.2	649.2	627.9	599.9	576.2
35°	805.2	824.2	834.4	839.3	834.4	824.2	805.2	777.8	741.7	700.4	662.8
32.5°	1025.1	1063.2	1084.4	1081.7	1084.4	1063.2	1025.1	975.1	909.0	843.4	783.3
30°	1384.4	1451.0	1484.5	1475.6	1484.5	1451.0	1384.4	1290.6	1166.2	1063.1	956.5
27.5°	1958.4	2078.8	2148.4	2139.2	2148.4	2078.8	1958.4	1794.3	1565.8	1403.8	1207.9
25°	2883.2	3103.0	3243.7	3208.9	3243.7	3103.0	2883.2	2586.3	2231.2	1928.4	1583.7
22.5°	4290.1	4662.4	4908.9	4878.4	4908.9	4662.4	4290.1	3775.4	3238.5	2698.8	2190.4
20°	6219.9	6786.7	7191.3	7244.9	7191.3	6786.7	6219.9	5420.3	4631.7	3741.1	3014.8
17.5°	8749.6	9648.1	10273.6	10378.0	10273.6	9648.1	8749.6	7521.5	6384.7	5104.1	3977.4
15°	12037.3	13505.9	14568.8	14656.5	14568.8	13505.9	12037.3	10234.8	8490.0	6770.3	5077.1
12.5°	16501.4	19455.2	21383.0	22231.7	21383.0	19455.2	16501.4	13678.5	10866.6	8481.2	6366.6
10°	22679.5	29464.3	33809.4	35442.9	33809.4	29464.3	22679.5	18109.7	13755.1	10323.2	7594.3
7.5°	32998.9	43651.1	55493.6	60541.0	55493.6	43651.1	32998.9	22914.4	16938.0	12406.1	8938.6
5°	44684.7	66792.5	87820.8	96032.3	87820.8	66792.5	44684.7	30605.2	20485.0	14075.4	9892.1
2.5°	56981.3	87796.2	116672.1	127964.9	116672.1	87796.2	56981.3	35551.9	22677.1	15157.2	10613.1
0°	61783.4	96992.9	128763.3	141426.0	128763.3	96992.9	61783.4	36421.6	23189.2	15641.3	10941.6
-2.5°	56981.3	87796.2	116672.1	127964.9	116672.1	87796.2	56981.3	35551.9	22677.1	15157.2	10613.1
-5°	44684.7	66792.5	87820.8	96032.3	87820.8	66792.5	44684.7	30605.2	20485.0	14075.4	9892.1
-7.5°	32998.9	43651.1	55493.6	60541.0	55493.6	43651.1	32998.9	22914.4	16938.0	12406.1	8938.6
-10°	22679.5	29464.3	33809.4	35442.9	33809.4	29464.3	22679.5	18109.7	13755.1	10323.2	7594.3
-12.5°	16501.4	19455.2	21383.0	22231.7	21383.0	19455.2	16501.4	13678.5	10866.6	8481.2	6366.6
-15°	12037.3	13505.9	14568.8	14656.5	14568.8	13505.9	12037.3	10234.8	8490.0	6770.3	5077.1
-17.5°	8749.6	9648.1	10273.6	10378.0	10273.6	9648.1	8749.6	7521.5	6384.7	5104.1	3977.4
-20°	6219.9	6786.7	7191.3	7244.9	7191.3	6786.7	6219.9	5420.3	4631.7	3741.1	3014.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3C-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°	4290.1	4662.4	4908.9	4878.4	4908.9	4662.4	4290.1	3775.4	3238.5	2698.8	2190.4
-25°	2883.2	3103.0	3243.7	3208.9	3243.7	3103.0	2883.2	2586.3	2231.2	1928.4	1583.7
-27.5°	1958.4	2078.8	2148.4	2139.2	2148.4	2078.8	1958.4	1794.3	1565.8	1403.8	1207.9
-30°	1384.4	1451.0	1484.5	1475.6	1484.5	1451.0	1384.4	1290.6	1166.2	1063.1	956.5
-32.5°	1025.1	1063.2	1084.4	1081.7	1084.4	1063.2	1025.1	975.1	909.0	843.4	783.3
-35°	805.2	824.2	834.4	839.3	834.4	824.2	805.2	777.8	741.7	700.4	662.8
-37.5°	664.2	673.7	678.2	678.7	678.2	673.7	664.2	649.2	627.9	599.9	576.2
-40°	568.6	572.5	573.2	572.7	573.2	572.5	568.6	560.1	546.3	528.9	512.5
-42.5°	499.5	502.9	503.9	503.0	503.9	502.9	499.5	493.1	484.9	474.7	463.9
-45°	446.9	449.1	449.7	448.5	449.7	449.1	446.9	443.2	438.5	431.6	422.4
-47.5°	408.1	408.2	407.5	406.0	407.5	408.2	408.1	406.4	402.8	397.6	391.3
-50°	377.2	377.7	377.2	375.7	377.2	377.7	377.2	375.6	373.2	369.7	365.4
-52.5°	351.4	351.1	351.2	351.5	351.2	351.1	351.4	351.2	350.3	348.3	345.4
-55°	333.3	332.9	331.9	330.3	331.9	332.9	333.3	333.2	332.6	330.5	327.8
-57.5°	314.8	314.5	313.6	312.1	313.6	314.5	314.8	314.6	313.7	311.9	309.8
-60°	293.4	293.2	292.3	290.9	292.3	293.2	293.4	293.0	292.0	290.4	288.3
-62.5°	268.7	268.7	268.0	266.6	268.0	268.7	268.7	268.0	266.6	264.8	262.6
-65°	238.9	238.6	239.1	239.4	239.1	238.6	238.9	238.6	237.8	236.5	234.6
-67.5°	211.7	211.4	210.5	209.1	210.5	211.4	211.7	211.5	210.6	208.8	206.1
-70°	183.6	183.9	183.2	181.8	183.2	183.9	183.6	182.9	181.9	180.4	178.5
-72.5°	154.6	153.9	154.3	154.5	154.3	153.9	154.6	154.8	154.8	154.1	152.5
-75°	127.5	126.8	127.1	127.3	127.1	126.8	127.5	128.0	128.1	127.8	126.5
-77.5°	100.4	99.5	98.4	97.0	98.4	99.5	100.4	101.0	101.2	101.0	99.9
-80°	72.7	72.4	71.1	69.7	71.1	72.4	72.7	72.8	72.8	72.5	71.9
-82.5°	48.7	48.3	48.4	48.5	48.4	48.3	48.7	49.1	49.3	49.3	48.5
-85°	27.7	27.2	27.3	27.3	27.3	27.2	27.7	28.3	28.7	29.1	28.6
-87.5°	9.8	9.1	9.1	9.1	9.1	9.1	9.8	10.4	11.1	11.7	11.5
-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: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
85°	28.1	27.5	26.9	26.2	25.4	24.6	23.7	22.3	21.0	19.6	18.4
82.5°	47.6	46.6	45.5	44.3	42.9	41.5	39.9	37.8	35.5	32.9	30.2
80°	71.1	70.0	68.4	65.9	63.3	60.7	58.1	55.6	52.9	50.1	47.2
77.5°	98.5	96.8	94.5	90.4	86.3	82.1	78.1	74.7	71.4	67.9	64.2
75°	125.0	123.1	120.5	116.1	111.1	105.4	100.2	95.9	91.4	86.7	81.7
72.5°	150.5	148.2	145.4	141.7	137.5	132.4	126.0	119.2	112.7	106.5	100.6
70°	176.1	173.3	170.3	166.7	162.5	157.6	151.3	143.6	134.9	126.4	120.0
67.5°	202.9	199.2	196.1	193.0	189.1	184.1	176.9	169.0	160.4	150.6	141.5
65°	231.6	227.4	223.5	219.8	215.5	210.7	203.2	194.5	185.2	175.4	165.1
62.5°	260.1	257.3	252.8	247.4	241.8	235.7	228.7	220.1	210.1	198.7	187.4
60°	285.5	282.1	277.0	271.7	266.3	259.5	250.6	242.7	235.9	223.1	209.5
57.5°	307.4	303.4	297.3	291.6	286.3	278.3	269.3	260.4	251.7	242.7	231.1
55°	324.7	320.4	315.0	308.5	301.4	294.0	285.7	276.2	266.9	258.7	248.0
52.5°	341.5	337.3	332.0	325.7	318.1	309.4	300.4	290.9	282.2	273.8	264.2
50°	360.8	355.6	349.7	343.2	334.8	325.6	315.8	305.6	296.7	288.1	279.0
47.5°	384.8	377.1	368.6	360.8	351.6	341.4	331.0	320.8	311.0	300.9	291.7
45°	413.4	403.0	391.8	381.3	369.5	358.3	346.3	335.7	325.2	314.3	302.9
42.5°	449.8	434.1	419.5	405.1	390.4	377.0	363.3	350.9	339.1	327.4	315.2
40°	494.4	473.2	453.9	432.7	414.7	397.2	381.5	365.9	352.8	340.2	326.7
37.5°	549.1	521.5	495.1	467.7	443.5	420.5	401.0	383.1	366.0	352.2	338.0
35°	619.2	581.4	543.7	509.6	476.9	448.6	422.5	401.0	381.5	363.7	348.8
32.5°	713.8	660.4	603.2	559.3	516.3	479.1	447.9	420.5	397.2	377.0	359.1
30°	853.1	765.5	686.8	617.0	562.8	514.8	474.2	442.5	414.7	390.4	369.5
27.5°	1052.8	902.0	795.7	693.1	613.8	555.7	506.5	465.0	432.4	405.1	381.1
25°	1335.7	1106.9	922.4	788.5	680.7	598.1	540.2	492.1	452.2	419.3	390.4
22.5°	1723.6	1377.1	1093.9	890.8	757.8	655.0	576.9	518.8	470.3	431.8	400.3
20°	2294.1	1699.4	1315.8	1037.1	844.3	709.6	615.2	546.8	490.6	444.7	409.0
17.5°	2971.3	2146.2	1558.6	1186.8	945.6	779.6	659.4	572.5	509.0	455.9	416.0
15°	3693.0	2652.5	1897.9	1386.6	1049.1	839.6	696.3	595.3	526.6	468.4	424.8
12.5°	4614.7	3198.4	2195.6	1553.3	1150.9	904.8	739.1	624.1	544.0	481.7	433.9
10°	5486.6	3767.8	2557.8	1772.8	1274.8	968.9	777.0	646.3	557.4	492.4	441.3
7.5°	6310.3	4315.1	2870.9	1940.0	1370.5	1019.9	805.2	662.3	566.9	499.9	447.0
5°	6914.0	4722.5	3116.0	2068.9	1438.1	1056.8	823.5	672.3	572.6	504.3	450.8
2.5°	7373.4	4992.4	3265.1	2144.6	1476.8	1078.7	834.4	679.9	578.1	507.8	455.0
0°	7584.3	5096.6	3314.9	2184.7	1499.9	1084.8	839.3	684.8	581.8	509.1	457.5
-2.5°	7373.4	4992.4	3265.1	2144.6	1476.8	1078.7	834.4	679.9	578.1	507.8	455.0
-5°	6914.0	4722.5	3116.0	2068.9	1438.1	1056.8	823.5	672.3	572.6	504.3	450.8
-7.5°	6310.3	4315.1	2870.9	1940.0	1370.5	1019.9	805.2	662.3	566.9	499.9	447.0
-10°	5486.6	3767.8	2557.8	1772.8	1274.8	968.9	777.0	646.3	557.4	492.4	441.3
-12.5°	4614.7	3198.4	2195.6	1553.3	1150.9	904.8	739.1	624.1	544.0	481.7	433.9
-15°	3693.0	2652.5	1897.9	1386.6	1049.1	839.6	696.3	595.3	526.6	468.4	424.8
-17.5°	2971.3	2146.2	1558.6	1186.8	945.6	779.6	659.4	572.5	509.0	455.9	416.0
-20°	2294.1	1699.4	1315.8	1037.1	844.3	709.6	615.2	546.8	490.6	444.7	409.0



REPORT NUMBER: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1723.6	1377.1	1093.9	890.8	757.8	655.0	576.9	518.8	470.3	431.8	400.3
-25°	1335.7	1106.9	922.4	788.5	680.7	598.1	540.2	492.1	452.2	419.3	390.4
-27.5°	1052.8	902.0	795.7	693.1	613.8	555.7	506.5	465.0	432.4	405.1	381.1
-30°	853.1	765.5	686.8	617.0	562.8	514.8	474.2	442.5	414.7	390.4	369.5
-32.5°	713.8	660.4	603.2	559.3	516.3	479.1	447.9	420.5	397.2	377.0	359.1
-35°	619.2	581.4	543.7	509.6	476.9	448.6	422.5	401.0	381.5	363.7	348.8
-37.5°	549.1	521.5	495.1	467.7	443.5	420.5	401.0	383.1	366.0	352.2	338.0
-40°	494.4	473.2	453.9	432.7	414.7	397.2	381.5	365.9	352.8	340.2	326.7
-42.5°	449.8	434.1	419.5	405.1	390.4	377.0	363.3	350.9	339.1	327.4	315.2
-45°	413.4	403.0	391.8	381.3	369.5	358.3	346.3	335.7	325.2	314.3	302.9
-47.5°	384.8	377.1	368.6	360.8	351.6	341.4	331.0	320.8	311.0	300.9	291.7
-50°	360.8	355.6	349.7	343.2	334.8	325.6	315.8	305.6	296.7	288.1	279.0
-52.5°	341.5	337.3	332.0	325.7	318.1	309.4	300.4	290.9	282.2	273.8	264.2
-55°	324.7	320.4	315.0	308.5	301.4	294.0	285.7	276.2	266.9	258.7	248.0
-57.5°	307.4	303.4	297.3	291.6	286.3	278.3	269.3	260.4	251.7	242.7	231.1
-60°	285.5	282.1	277.0	271.7	266.3	259.5	250.6	242.7	235.9	223.1	209.5
-62.5°	260.1	257.3	252.8	247.4	241.8	235.7	228.7	220.1	210.1	198.7	187.4
-65°	231.6	227.4	223.5	219.8	215.5	210.7	203.2	194.5	185.2	175.4	165.1
-67.5°	202.9	199.2	196.1	193.0	189.1	184.1	176.9	169.0	160.4	150.6	141.5
-70°	176.1	173.3	170.3	166.7	162.5	157.6	151.3	143.6	134.9	126.4	120.0
-72.5°	150.5	148.2	145.4	141.7	137.5	132.4	126.0	119.2	112.7	106.5	100.6
-75°	125.0	123.1	120.5	116.1	111.1	105.4	100.2	95.9	91.4	86.7	81.7
-77.5°	98.5	96.8	94.5	90.4	86.3	82.1	78.1	74.7	71.4	67.9	64.2
-80°	71.1	70.0	68.4	65.9	63.3	60.7	58.1	55.6	52.9	50.1	47.2
-82.5°	47.6	46.6	45.5	44.3	42.9	41.5	39.9	37.8	35.5	32.9	30.2
-85°	28.1	27.5	26.9	26.2	25.4	24.6	23.7	22.3	21.0	19.6	18.4
-87.5°	11.4	11.2	11.0	10.7	10.5	10.2	9.9	9.6	9.3	8.9	8.6
-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: P627139 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-727-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.1	3.6
85°	17.7	16.9	15.9	14.8	13.4	12.1	11.2	10.2	9.3	8.3	7.3
82.5°	28.7	27.6	26.5	25.2	23.2	21.1	19.1	16.9	14.7	12.5	10.9
80°	44.4	41.6	39.0	36.4	33.3	30.2	27.4	24.5	21.6	18.7	15.7
77.5°	60.3	56.3	52.2	48.4	44.5	40.6	36.5	32.4	28.5	24.8	21.1
75°	76.6	71.7	66.7	61.6	56.3	51.0	46.1	41.2	36.1	31.0	26.4
72.5°	94.5	88.3	81.8	75.1	69.0	62.7	56.2	49.8	43.9	38.0	31.9
70°	113.3	105.5	97.7	90.4	82.5	74.3	66.9	59.4	51.7	44.9	38.0
67.5°	133.0	125.1	115.9	106.0	97.1	87.9	77.9	69.1	60.5	51.7	43.9
65°	154.6	144.7	135.2	123.7	112.5	101.7	90.9	79.2	69.1	59.4	49.8
62.5°	175.7	163.8	152.3	140.6	128.4	116.0	103.7	90.6	77.8	66.9	56.2
60°	196.6	183.3	169.1	155.8	143.0	130.0	116.1	101.6	87.6	74.3	62.7
57.5°	216.4	202.5	186.5	170.8	156.5	142.8	128.0	112.3	97.1	82.4	68.9
55°	234.9	219.4	202.7	185.7	169.6	154.6	139.2	122.6	106.2	90.4	75.0
52.5°	251.9	235.7	217.9	199.9	182.2	165.9	149.7	132.5	115.0	98.0	81.5
50°	267.7	251.8	232.9	213.6	194.3	177.0	160.0	141.9	123.4	105.4	87.8
47.5°	281.4	266.3	248.1	227.2	206.6	188.0	170.1	151.2	131.3	112.4	93.9
45°	292.6	279.8	262.2	241.2	219.1	199.4	180.1	160.3	139.5	119.2	99.8
42.5°	303.0	291.1	275.2	254.9	232.0	210.7	189.8	169.1	147.4	125.6	105.5
40°	313.6	300.9	287.3	266.8	244.1	221.5	199.6	177.7	155.1	132.0	110.9
37.5°	323.5	310.4	296.5	277.9	254.9	231.6	209.0	186.0	162.2	138.3	116.0
35°	333.5	318.8	304.5	286.6	264.3	240.9	217.9	194.0	168.9	144.2	120.8
32.5°	343.2	326.7	311.2	293.7	273.0	249.2	225.8	200.9	175.2	149.7	125.3
30°	351.9	334.0	317.7	300.6	280.3	256.4	232.6	207.2	181.1	154.6	129.6
27.5°	358.9	340.1	323.9	306.5	286.2	262.9	238.5	212.9	186.5	159.2	133.6
25°	365.9	345.8	328.8	311.9	291.7	269.5	244.0	217.9	191.2	163.5	137.2
22.5°	373.7	351.0	332.6	317.0	297.3	275.8	249.2	222.3	195.3	167.4	140.4
20°	380.5	355.5	335.5	321.0	301.8	280.5	254.1	226.3	198.8	170.9	143.2
17.5°	386.6	360.4	339.3	323.3	305.3	284.6	258.7	229.7	201.8	173.9	145.6
15°	392.9	365.5	342.7	325.2	308.1	288.0	262.9	232.8	204.2	176.4	147.8
12.5°	398.5	369.6	345.4	326.7	310.3	290.7	266.6	235.3	206.1	178.6	149.7
10°	403.1	372.8	347.4	327.8	311.8	292.8	269.7	237.7	208.1	180.2	151.4
7.5°	406.8	375.1	348.8	328.4	312.8	294.5	272.4	240.5	209.8	181.4	152.7
5°	409.4	376.8	350.8	330.2	314.1	295.8	274.3	242.7	211.1	182.0	153.7
2.5°	411.4	378.3	353.0	332.0	314.8	296.6	275.3	244.4	211.8	182.1	154.3
0°	412.1	378.8	354.5	333.3	315.1	296.9	275.7	245.4	212.1	181.8	154.5
-2.5°	411.4	378.3	353.0	332.0	314.8	296.6	275.3	244.4	211.8	182.1	154.3
-5°	409.4	376.8	350.8	330.2	314.1	295.8	274.3	242.7	211.1	182.0	153.7
-7.5°	406.8	375.1	348.8	328.4	312.8	294.5	272.4	240.5	209.8	181.4	152.7
-10°	403.1	372.8	347.4	327.8	311.8	292.8	269.7	237.7	208.1	180.2	151.4
-12.5°	398.5	369.6	345.4	326.7	310.3	290.7	266.6	235.3	206.1	178.6	149.7
-15°	392.9	365.5	342.7	325.2	308.1	288.0	262.9	232.8	204.2	176.4	147.8
-17.5°	386.6	360.4	339.3	323.3	305.3	284.6	258.7	229.7	201.8	173.9	145.6
-20°	380.5	355.5	335.5	321.0	301.8	280.5	254.1	226.3	198.8	170.9	143.2

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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°	373.7	351.0	332.6	317.0	297.3	275.8	249.2	222.3	195.3	167.4	140.4
-25°	365.9	345.8	328.8	311.9	291.7	269.5	244.0	217.9	191.2	163.5	137.2
-27.5°	358.9	340.1	323.9	306.5	286.2	262.9	238.5	212.9	186.5	159.2	133.6
-30°	351.9	334.0	317.7	300.6	280.3	256.4	232.6	207.2	181.1	154.6	129.6
-32.5°	343.2	326.7	311.2	293.7	273.0	249.2	225.8	200.9	175.2	149.7	125.3
-35°	333.5	318.8	304.5	286.6	264.3	240.9	217.9	194.0	168.9	144.2	120.8
-37.5°	323.5	310.4	296.5	277.9	254.9	231.6	209.0	186.0	162.2	138.3	116.0
-40°	313.6	300.9	287.3	266.8	244.1	221.5	199.6	177.7	155.1	132.0	110.9
-42.5°	303.0	291.1	275.2	254.9	232.0	210.7	189.8	169.1	147.4	125.6	105.5
-45°	292.6	279.8	262.2	241.2	219.1	199.4	180.1	160.3	139.5	119.2	99.8
-47.5°	281.4	266.3	248.1	227.2	206.6	188.0	170.1	151.2	131.3	112.4	93.9
-50°	267.7	251.8	232.9	213.6	194.3	177.0	160.0	141.9	123.4	105.4	87.8
-52.5°	251.9	235.7	217.9	199.9	182.2	165.9	149.7	132.5	115.0	98.0	81.5
-55°	234.9	219.4	202.7	185.7	169.6	154.6	139.2	122.6	106.2	90.4	75.0
-57.5°	216.4	202.5	186.5	170.8	156.5	142.8	128.0	112.3	97.1	82.4	68.9
-60°	196.6	183.3	169.1	155.8	143.0	130.0	116.1	101.6	87.6	74.3	62.7
-62.5°	175.7	163.8	152.3	140.6	128.4	116.0	103.7	90.6	77.8	66.9	56.2
-65°	154.6	144.7	135.2	123.7	112.5	101.7	90.9	79.2	69.1	59.4	49.8
-67.5°	133.0	125.1	115.9	106.0	97.1	87.9	77.9	69.1	60.5	51.7	43.9
-70°	113.3	105.5	97.7	90.4	82.5	74.3	66.9	59.4	51.7	44.9	38.0
-72.5°	94.5	88.3	81.8	75.1	69.0	62.7	56.2	49.8	43.9	38.0	31.9
-75°	76.6	71.7	66.7	61.6	56.3	51.0	46.1	41.2	36.1	31.0	26.4
-77.5°	60.3	56.3	52.2	48.4	44.5	40.6	36.5	32.4	28.5	24.8	21.1
-80°	44.4	41.6	39.0	36.4	33.3	30.2	27.4	24.5	21.6	18.7	15.7
-82.5°	28.7	27.6	26.5	25.2	23.2	21.1	19.1	16.9	14.7	12.5	10.9
-85°	17.7	16.9	15.9	14.8	13.4	12.1	11.2	10.2	9.3	8.3	7.3
-87.5°	8.2	7.8	7.4	6.9	6.5	6.0	5.6	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	1.1	0.5	0.0
85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
80°	12.7	10.4	8.4	6.3	4.2	1.8	0.0
77.5°	17.2	13.4	10.4	7.8	5.2	2.3	0.0
75°	21.8	17.0	12.6	9.4	6.2	2.7	0.0
72.5°	26.2	20.6	15.4	10.9	7.2	3.2	0.0
70°	30.7	24.1	18.1	12.5	8.1	3.6	0.0
67.5°	35.8	27.6	20.7	14.4	9.1	4.0	0.0
65°	40.7	31.3	23.3	16.3	10.0	4.4	0.0
62.5°	45.6	35.4	25.8	18.1	10.9	4.8	0.0
60°	50.4	39.3	28.3	19.9	11.7	5.2	0.0
57.5°	55.6	43.2	31.3	21.6	12.8	5.6	0.0
55°	60.8	47.0	34.3	23.3	13.9	5.9	0.0
52.5°	65.8	50.7	37.2	24.8	14.9	6.3	0.0
50°	70.6	54.7	40.1	26.4	15.9	6.6	0.0
47.5°	75.4	58.6	42.8	28.0	16.9	6.9	0.0
45°	80.4	62.3	45.3	29.9	17.9	7.2	0.0
42.5°	85.2	65.9	47.8	31.8	18.8	7.5	0.0
40°	89.8	69.2	50.3	33.6	19.7	7.7	0.0
37.5°	94.2	72.4	52.9	35.3	20.5	7.9	0.0
35°	98.3	75.7	55.3	36.9	21.3	8.2	0.0
32.5°	102.1	78.9	57.5	38.5	22.1	8.4	0.0
30°	105.7	81.9	59.6	39.9	22.8	8.5	0.0
27.5°	109.0	84.6	61.7	41.3	23.5	8.7	0.0
25°	112.1	87.1	63.6	42.5	24.1	8.8	0.0
22.5°	114.8	89.4	65.3	43.6	24.7	8.9	0.0
20°	117.3	91.4	66.8	44.6	25.2	9.0	0.0
17.5°	119.3	93.0	68.2	45.5	25.7	9.1	0.0
15°	121.0	94.4	69.4	46.3	26.1	9.2	0.0
12.5°	122.3	95.5	70.4	47.0	26.5	9.2	0.0
10°	123.3	96.3	71.2	47.5	26.8	9.2	0.0
7.5°	124.0	96.9	71.9	48.0	27.0	9.2	0.0
5°	124.4	97.2	72.3	48.3	27.2	9.2	0.0
2.5°	124.5	97.2	72.6	48.4	27.3	9.2	0.0
0°	124.2	97.0	72.7	48.5	27.3	9.1	0.0
-2.5°	124.5	97.2	72.6	48.4	27.3	9.2	0.0
-5°	124.4	97.2	72.3	48.3	27.2	9.2	0.0
-7.5°	124.0	96.9	71.9	48.0	27.0	9.2	0.0
-10°	123.3	96.3	71.2	47.5	26.8	9.2	0.0
-12.5°	122.3	95.5	70.4	47.0	26.5	9.2	0.0
-15°	121.0	94.4	69.4	46.3	26.1	9.2	0.0
-17.5°	119.3	93.0	68.2	45.5	25.7	9.1	0.0
-20°	117.3	91.4	66.8	44.6	25.2	9.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	114.8	89.4	65.3	43.6	24.7	8.9	0.0
-25°	112.1	87.1	63.6	42.5	24.1	8.8	0.0
-27.5°	109.0	84.6	61.7	41.3	23.5	8.7	0.0
-30°	105.7	81.9	59.6	39.9	22.8	8.5	0.0
-32.5°	102.1	78.9	57.5	38.5	22.1	8.4	0.0
-35°	98.3	75.7	55.3	36.9	21.3	8.2	0.0
-37.5°	94.2	72.4	52.9	35.3	20.5	7.9	0.0
-40°	89.8	69.2	50.3	33.6	19.7	7.7	0.0
-42.5°	85.2	65.9	47.8	31.8	18.8	7.5	0.0
-45°	80.4	62.3	45.3	29.9	17.9	7.2	0.0
-47.5°	75.4	58.6	42.8	28.0	16.9	6.9	0.0
-50°	70.6	54.7	40.1	26.4	15.9	6.6	0.0
-52.5°	65.8	50.7	37.2	24.8	14.9	6.3	0.0
-55°	60.8	47.0	34.3	23.3	13.9	5.9	0.0
-57.5°	55.6	43.2	31.3	21.6	12.8	5.6	0.0
-60°	50.4	39.3	28.3	19.9	11.7	5.2	0.0
-62.5°	45.6	35.4	25.8	18.1	10.9	4.8	0.0
-65°	40.7	31.3	23.3	16.3	10.0	4.4	0.0
-67.5°	35.8	27.6	20.7	14.4	9.1	4.0	0.0
-70°	30.7	24.1	18.1	12.5	8.1	3.6	0.0
-72.5°	26.2	20.6	15.4	10.9	7.2	3.2	0.0
-75°	21.8	17.0	12.6	9.4	6.2	2.7	0.0
-77.5°	17.2	13.4	10.4	7.8	5.2	2.3	0.0
-80°	12.7	10.4	8.4	6.3	4.2	1.8	0.0
-82.5°	9.4	7.8	6.3	4.7	3.1	1.4	0.0
-85°	6.3	5.2	4.2	3.2	2.1	0.9	0.0
-87.5°	3.1	2.6	2.1	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)