

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-735-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627159 (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: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3C-735-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N70  
Light Source: (48) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

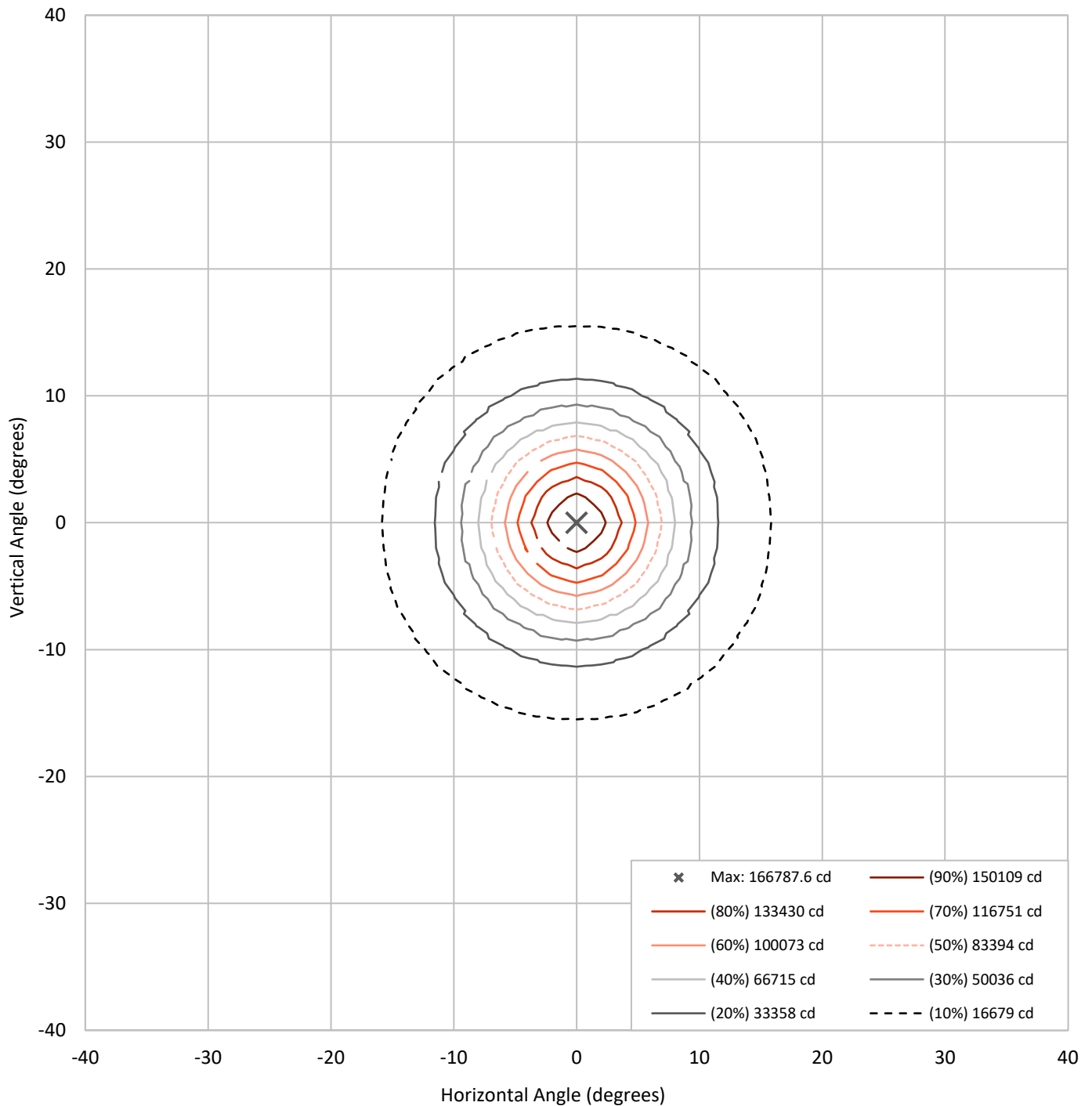
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17710.4 lumens	Max Intensity:	166787.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.5 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:	5236.2 lumens	Field Lumens:	11783.5 lumens
Beam Efficiency:	29.6%	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





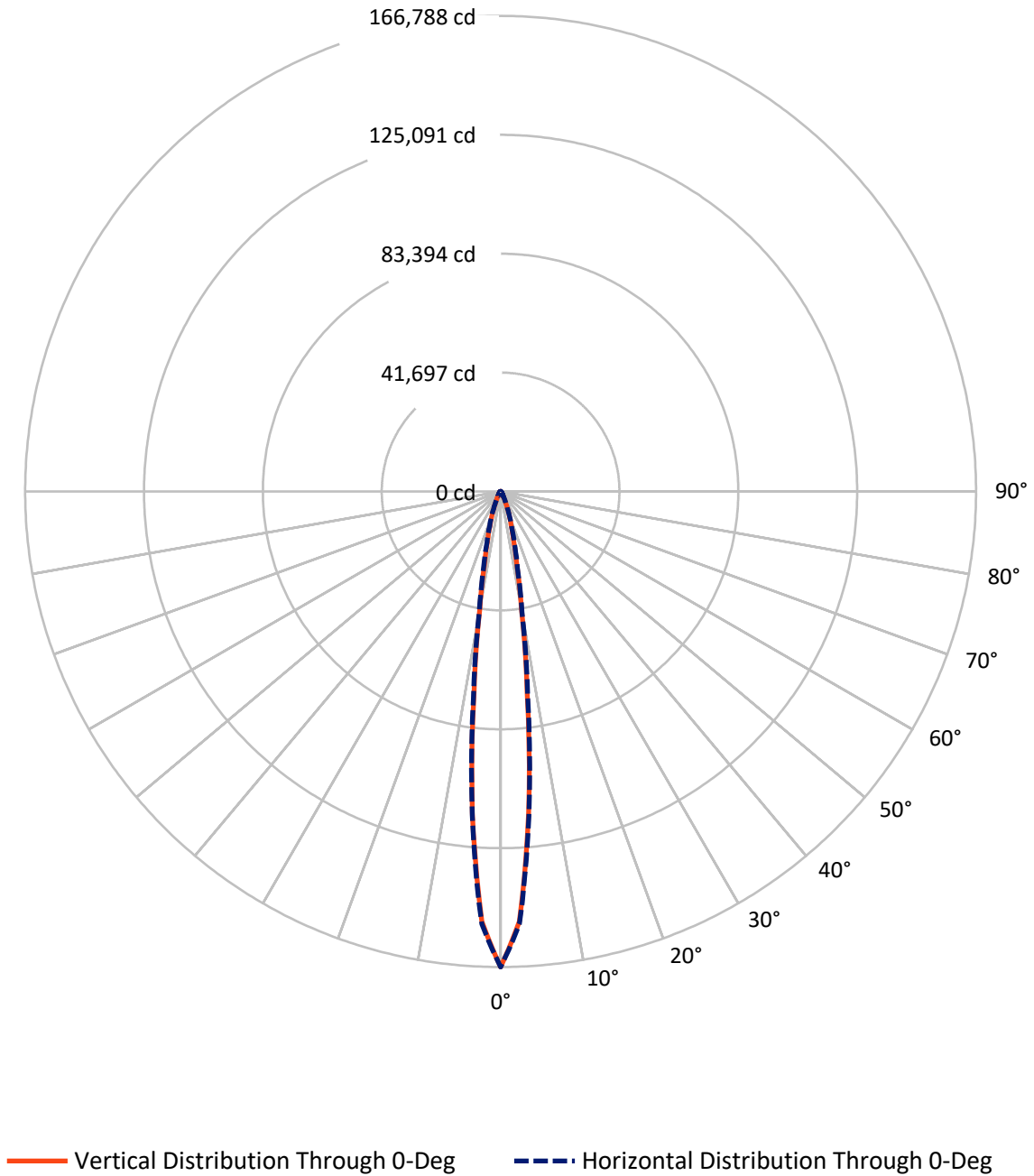
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### Lumen Table

90	0.3	2.4		6.4		10.3		11.3		10.3		6.4		2.4		0.3			
80	0.3	2.4		6.4		10.3		11.3		10.3		6.4		2.4		0.3			
70	1.1	1.2	2.6	4.2	5.9	7.3	8.2	8.5	8.5	8.2	7.3	5.9	4.2	2.6	1.2	1.1			
60		1.9	3.8	6.2	8.4	10.2	11.4	11.9	11.9	11.4	10.2	8.4	6.2	3.8	1.9				
50	1.9	2.5	5.0	7.7	10.2	12.9	15.2	16.4	16.4	15.2	12.9	10.2	7.7	5.0	2.5	1.9			
40		3.0	5.9	8.9	12.6	18.1	25.5	31.6	31.6	25.5	18.1	12.6	8.9	5.9	3.0				
30	2.5	3.3	6.4	10.0	16.3	32.4	73.7	122.0	122.0	73.7	32.4	16.3	10.0	6.4	3.3	2.5			
20		3.6	6.7	11.0	21.6	68.7	244.0	525.5	525.5	244.0	68.7	21.6	11.0	6.7	3.6				
10	2.7	3.7	6.9	11.7	26.2	113.2	530.4	2291.2	2291.2	530.4	113.2	26.2	11.7	6.9	3.7	2.7			
0		3.7	6.9	11.7	26.2	113.2	530.4	2291.2	2291.2	530.4	113.2	26.2	11.7	6.9	3.7				
-10	2.5	3.6	6.7	11.0	21.6	68.7	244.0	525.5	525.5	244.0	68.7	21.6	11.0	6.7	3.6	2.5			
-20		3.3	6.4	10.0	16.3	32.4	73.7	122.0	122.0	73.7	32.4	16.3	10.0	6.4	3.3				
-30	1.9	3.0	5.9	8.9	12.6	18.1	25.5	31.6	31.6	25.5	18.1	12.6	8.9	5.9	3.0	1.9			
-40		2.5	5.0	7.7	10.2	12.9	15.2	16.4	16.4	15.2	12.9	10.2	7.7	5.0	2.5				
-50	1.1	1.9	3.8	6.2	8.4	10.2	11.4	11.9	11.9	11.4	10.2	8.4	6.2	3.8	1.9	1.1			
-60		1.2	2.6	4.2	5.9	7.3	8.2	8.5	8.5	8.2	7.3	5.9	4.2	2.6	1.2				
-70	0.3	2.4		6.4		10.3		11.3		10.3		6.4		2.4		0.3			
-80		2.4		6.4		10.3		11.3		10.3		6.4		2.4					
-90	0.3	2.4		6.4		10.3		11.3		10.3		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

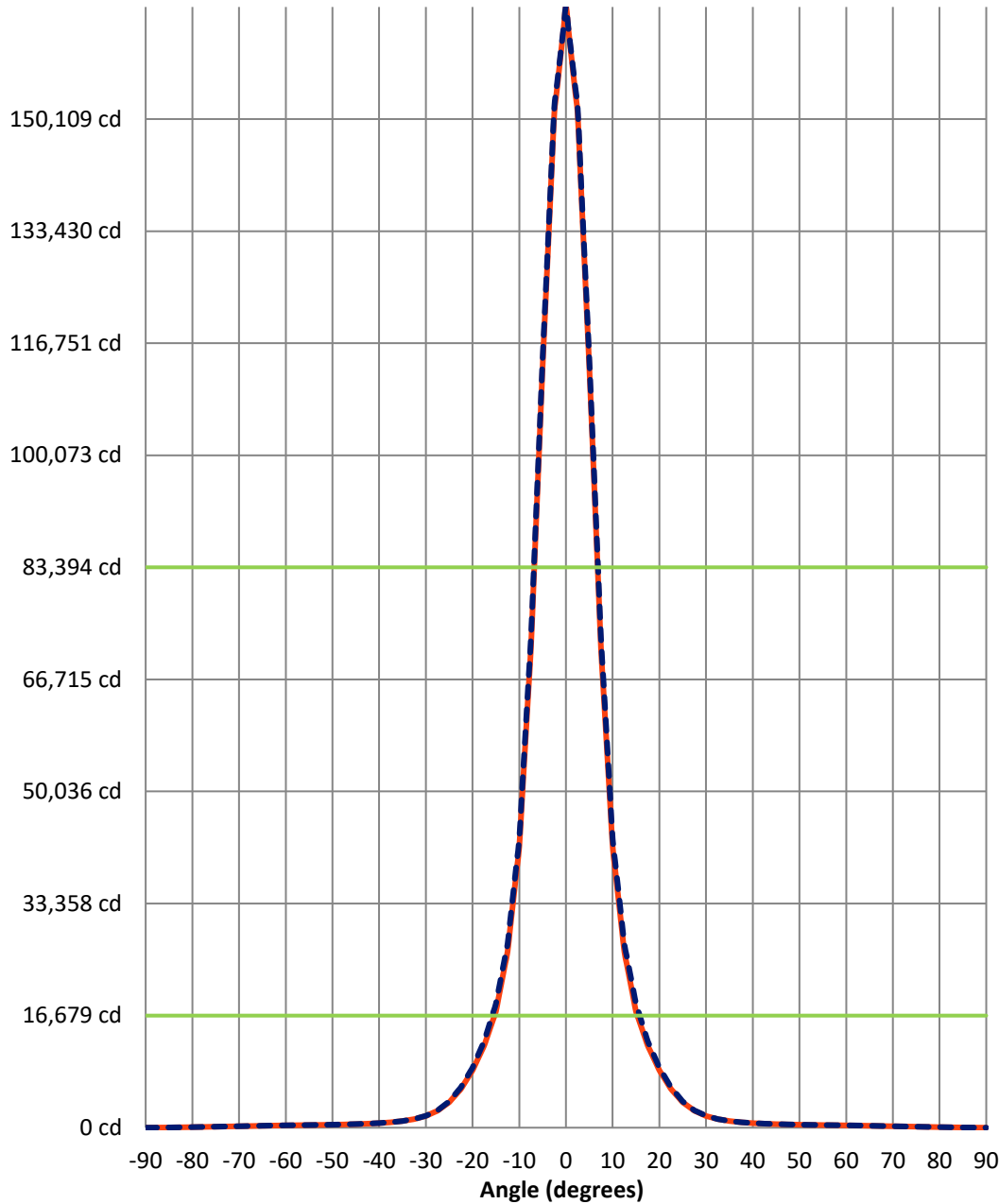
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.7°  
V Angle: 13.6°  
Lumens: 5236.2  
Efficiency: 29.6%

**Field:**  
H Angle: 31.6°  
V Angle: 30.6°  
Lumens: 11783.5  
Efficiency: 66.5%

**Spill:**  
Lumens: 5926.8  
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	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.0
85°	0.0	1.1	2.5	3.7	5.0	6.2	7.4	8.6	9.8	10.9	12.1
82.5°	0.0	1.6	3.7	5.6	7.4	9.3	11.1	12.9	14.8	17.4	20.0
80°	0.0	2.2	4.9	7.4	9.9	12.3	14.9	18.5	22.0	25.5	28.9
77.5°	0.0	2.7	6.1	9.3	12.3	15.8	20.4	24.8	29.2	33.6	38.2
75°	0.0	3.2	7.3	11.1	14.9	20.1	25.7	31.1	36.5	42.5	48.5
72.5°	0.0	3.7	8.5	12.9	18.1	24.3	30.9	37.6	44.7	51.8	58.7
70°	0.0	4.2	9.6	14.7	21.3	28.5	36.2	44.7	52.9	60.9	70.0
67.5°	0.0	4.7	10.7	17.0	24.5	32.5	42.2	51.8	60.9	71.2	81.4
65°	0.0	5.2	11.8	19.2	27.5	36.9	48.0	58.7	70.0	81.4	93.3
62.5°	0.0	5.7	12.8	21.4	30.5	41.7	53.8	66.2	78.9	91.7	106.8
60°	0.0	6.1	13.8	23.5	33.3	46.4	59.4	73.8	87.5	103.3	119.8
57.5°	0.0	6.6	15.1	25.5	36.9	50.9	65.6	81.2	97.1	114.5	132.4
55°	0.0	7.0	16.4	27.4	40.5	55.4	71.6	88.3	106.5	125.3	144.6
52.5°	0.0	7.4	17.6	29.3	43.9	59.8	77.6	96.0	115.6	135.6	156.2
50°	0.0	7.8	18.8	31.1	47.2	64.5	83.3	103.5	124.3	145.5	167.4
47.5°	0.0	8.1	20.0	33.0	50.4	69.1	88.9	110.8	132.6	154.9	178.3
45°	0.0	8.5	21.1	35.3	53.5	73.5	94.8	117.7	140.6	164.5	189.0
42.5°	0.0	8.8	22.2	37.5	56.4	77.7	100.5	124.4	148.2	173.9	199.4
40°	0.0	9.1	23.2	39.6	59.4	81.7	105.9	130.8	155.7	182.9	209.5
37.5°	0.0	9.4	24.2	41.6	62.4	85.5	111.1	136.8	163.2	191.3	219.3
35°	0.0	9.6	25.2	43.6	65.2	89.3	115.9	142.5	170.1	199.2	228.7
32.5°	0.0	9.8	26.1	45.4	67.9	93.1	120.4	147.8	176.5	206.6	236.9
30°	0.0	10.0	26.9	47.1	70.4	96.6	124.7	152.8	182.3	213.5	244.4
27.5°	0.0	10.2	27.7	48.7	72.8	99.8	128.6	157.5	187.8	219.9	251.1
25°	0.0	10.4	28.4	50.1	75.0	102.8	132.2	161.8	192.9	225.5	257.0
22.5°	0.0	10.5	29.1	51.5	77.0	105.4	135.4	165.6	197.5	230.3	262.2
20°	0.0	10.6	29.7	52.7	78.8	107.8	138.3	168.9	201.6	234.5	266.8
17.5°	0.0	10.7	30.3	53.7	80.5	109.7	140.7	171.7	205.1	238.0	270.9
15°	0.0	10.8	30.8	54.6	81.9	111.4	142.6	174.3	208.1	240.8	274.5
12.5°	0.0	10.8	31.2	55.4	83.1	112.6	144.2	176.6	210.6	243.0	277.5
10°	0.0	10.8	31.6	56.1	84.0	113.6	145.4	178.5	212.6	245.4	280.3
7.5°	0.0	10.8	31.8	56.6	84.8	114.3	146.3	180.1	213.9	247.4	283.6
5°	0.0	10.8	32.0	56.9	85.4	114.6	146.7	181.2	214.6	248.9	286.3
2.5°	0.0	10.8	32.2	57.1	85.7	114.6	146.8	182.0	214.8	249.8	288.3
0°	0.0	10.7	32.2	57.2	85.8	114.4	146.5	182.2	214.4	250.1	289.5
-2.5°	0.0	10.8	32.2	57.1	85.7	114.6	146.8	182.0	214.8	249.8	288.3
-5°	0.0	10.8	32.0	56.9	85.4	114.6	146.7	181.2	214.6	248.9	286.3
-7.5°	0.0	10.8	31.8	56.6	84.8	114.3	146.3	180.1	213.9	247.4	283.6
-10°	0.0	10.8	31.6	56.1	84.0	113.6	145.4	178.5	212.6	245.4	280.3
-12.5°	0.0	10.8	31.2	55.4	83.1	112.6	144.2	176.6	210.6	243.0	277.5
-15°	0.0	10.8	30.8	54.6	81.9	111.4	142.6	174.3	208.1	240.8	274.5
-17.5°	0.0	10.7	30.3	53.7	80.5	109.7	140.7	171.7	205.1	238.0	270.9
-20°	0.0	10.6	29.7	52.7	78.8	107.8	138.3	168.9	201.6	234.5	266.8

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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	10.5	29.1	51.5	77.0	105.4	135.4	165.6	197.5	230.3	262.2
-25°	0.0	10.4	28.4	50.1	75.0	102.8	132.2	161.8	192.9	225.5	257.0
-27.5°	0.0	10.2	27.7	48.7	72.8	99.8	128.6	157.5	187.8	219.9	251.1
-30°	0.0	10.0	26.9	47.1	70.4	96.6	124.7	152.8	182.3	213.5	244.4
-32.5°	0.0	9.8	26.1	45.4	67.9	93.1	120.4	147.8	176.5	206.6	236.9
-35°	0.0	9.6	25.2	43.6	65.2	89.3	115.9	142.5	170.1	199.2	228.7
-37.5°	0.0	9.4	24.2	41.6	62.4	85.5	111.1	136.8	163.2	191.3	219.3
-40°	0.0	9.1	23.2	39.6	59.4	81.7	105.9	130.8	155.7	182.9	209.5
-42.5°	0.0	8.8	22.2	37.5	56.4	77.7	100.5	124.4	148.2	173.9	199.4
-45°	0.0	8.5	21.1	35.3	53.5	73.5	94.8	117.7	140.6	164.5	189.0
-47.5°	0.0	8.1	20.0	33.0	50.4	69.1	88.9	110.8	132.6	154.9	178.3
-50°	0.0	7.8	18.8	31.1	47.2	64.5	83.3	103.5	124.3	145.5	167.4
-52.5°	0.0	7.4	17.6	29.3	43.9	59.8	77.6	96.0	115.6	135.6	156.2
-55°	0.0	7.0	16.4	27.4	40.5	55.4	71.6	88.3	106.5	125.3	144.6
-57.5°	0.0	6.6	15.1	25.5	36.9	50.9	65.6	81.2	97.1	114.5	132.4
-60°	0.0	6.1	13.8	23.5	33.3	46.4	59.4	73.8	87.5	103.3	119.8
-62.5°	0.0	5.7	12.8	21.4	30.5	41.7	53.8	66.2	78.9	91.7	106.8
-65°	0.0	5.2	11.8	19.2	27.5	36.9	48.0	58.7	70.0	81.4	93.3
-67.5°	0.0	4.7	10.7	17.0	24.5	32.5	42.2	51.8	60.9	71.2	81.4
-70°	0.0	4.2	9.6	14.7	21.3	28.5	36.2	44.7	52.9	60.9	70.0
-72.5°	0.0	3.7	8.5	12.9	18.1	24.3	30.9	37.6	44.7	51.8	58.7
-75°	0.0	3.2	7.3	11.1	14.9	20.1	25.7	31.1	36.5	42.5	48.5
-77.5°	0.0	2.7	6.1	9.3	12.3	15.8	20.4	24.8	29.2	33.6	38.2
-80°	0.0	2.2	4.9	7.4	9.9	12.3	14.9	18.5	22.0	25.5	28.9
-82.5°	0.0	1.6	3.7	5.6	7.4	9.3	11.1	12.9	14.8	17.4	20.0
-85°	0.0	1.1	2.5	3.7	5.0	6.2	7.4	8.6	9.8	10.9	12.1
-87.5°	0.0	0.5	1.2	1.9	2.5	3.1	3.7	4.3	4.9	5.5	6.0
-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°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	11.3
85°	13.2	14.3	15.9	17.4	18.8	19.9	20.9	21.7	23.2	24.7	26.3
82.5°	22.5	24.9	27.3	29.7	31.3	32.6	33.8	35.6	38.8	41.8	44.5
80°	32.3	35.5	39.2	42.9	46.0	49.1	52.3	55.6	59.1	62.4	65.5
77.5°	43.1	47.8	52.5	57.0	61.5	66.4	71.1	75.6	79.9	84.1	88.0
75°	54.3	60.1	66.3	72.6	78.6	84.5	90.2	96.3	102.2	107.8	113.1
72.5°	66.2	73.8	81.3	88.5	96.4	104.0	111.5	118.6	125.6	132.9	140.6
70°	78.9	87.5	97.2	106.5	115.3	124.5	133.6	141.5	149.1	159.1	169.3
67.5°	91.8	103.6	114.5	125.0	136.7	147.5	156.8	166.8	177.5	189.1	199.2
65°	107.2	120.0	132.7	145.9	159.4	170.6	182.3	194.7	206.8	218.3	229.4
62.5°	122.3	136.7	151.3	165.8	179.6	193.0	207.1	221.0	234.3	247.7	259.6
60°	136.9	153.2	168.6	183.7	199.4	216.1	231.8	247.1	263.1	278.3	286.2
57.5°	150.9	168.4	184.5	201.4	219.8	238.7	255.2	272.6	286.2	296.8	307.1
55°	164.2	182.3	200.0	219.0	239.0	258.7	277.0	292.4	305.0	314.7	325.7
52.5°	176.5	195.7	214.9	235.7	257.0	277.9	297.0	311.5	322.9	332.8	343.1
50°	188.7	208.8	229.1	251.9	274.7	297.0	315.7	329.0	339.7	349.9	360.4
47.5°	200.6	221.7	243.7	268.0	292.6	314.1	331.9	344.0	354.8	366.8	378.3
45°	212.3	235.2	258.5	284.5	309.3	330.0	345.1	357.2	370.6	383.5	395.9
42.5°	223.8	248.5	273.6	300.7	324.6	343.3	357.3	371.7	386.2	399.9	413.8
40°	235.3	261.2	287.9	314.7	338.8	354.9	369.9	385.4	401.3	416.2	431.6
37.5°	246.4	273.2	300.6	327.8	349.7	366.0	381.6	398.6	415.4	431.7	451.7
35°	257.0	284.1	311.8	338.0	359.1	376.1	393.4	411.4	428.9	449.9	472.9
32.5°	266.4	293.8	321.9	346.4	367.1	385.4	404.8	423.5	444.6	468.4	496.0
30°	274.3	302.4	330.6	354.5	374.7	394.0	415.1	435.8	460.4	489.1	521.9
27.5°	281.2	310.1	337.5	361.5	382.0	401.2	423.4	449.4	477.8	510.0	548.4
25°	287.7	317.9	344.0	367.8	387.8	407.9	431.6	460.4	494.6	533.3	580.3
22.5°	293.9	325.3	350.7	373.8	392.3	414.0	440.7	472.1	509.2	554.6	611.9
20°	299.7	330.9	355.9	378.5	395.7	419.4	448.8	482.4	524.5	578.6	644.8
17.5°	305.2	335.7	360.1	381.3	400.2	425.1	455.9	490.7	537.7	600.4	675.1
15°	310.1	339.7	363.4	383.6	404.2	431.0	463.3	501.0	552.4	621.2	702.0
12.5°	314.4	342.9	365.9	385.3	407.3	435.9	469.9	511.7	568.2	641.6	736.0
10°	318.1	345.4	367.7	386.5	409.7	439.7	475.4	520.5	580.7	657.4	762.2
7.5°	321.3	347.4	368.9	387.2	411.3	442.3	479.7	527.1	589.5	668.6	781.1
5°	323.5	348.9	370.4	389.4	413.7	444.4	482.9	531.7	594.6	675.3	792.8
2.5°	324.8	349.9	371.3	391.5	416.3	446.1	485.2	536.7	598.8	681.8	801.8
0°	325.2	350.2	371.6	393.1	418.1	446.7	486.0	539.6	600.3	686.1	807.6
-2.5°	324.8	349.9	371.3	391.5	416.3	446.1	485.2	536.7	598.8	681.8	801.8
-5°	323.5	348.9	370.4	389.4	413.7	444.4	482.9	531.7	594.6	675.3	792.8
-7.5°	321.3	347.4	368.9	387.2	411.3	442.3	479.7	527.1	589.5	668.6	781.1
-10°	318.1	345.4	367.7	386.5	409.7	439.7	475.4	520.5	580.7	657.4	762.2
-12.5°	314.4	342.9	365.9	385.3	407.3	435.9	469.9	511.7	568.2	641.6	736.0
-15°	310.1	339.7	363.4	383.6	404.2	431.0	463.3	501.0	552.4	621.2	702.0
-17.5°	305.2	335.7	360.1	381.3	400.2	425.1	455.9	490.7	537.7	600.4	675.1
-20°	299.7	330.9	355.9	378.5	395.7	419.4	448.8	482.4	524.5	578.6	644.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	293.9	325.3	350.7	373.8	392.3	414.0	440.7	472.1	509.2	554.6	611.9
-25°	287.7	317.9	344.0	367.8	387.8	407.9	431.6	460.4	494.6	533.3	580.3
-27.5°	281.2	310.1	337.5	361.5	382.0	401.2	423.4	449.4	477.8	510.0	548.4
-30°	274.3	302.4	330.6	354.5	374.7	394.0	415.1	435.8	460.4	489.1	521.9
-32.5°	266.4	293.8	321.9	346.4	367.1	385.4	404.8	423.5	444.6	468.4	496.0
-35°	257.0	284.1	311.8	338.0	359.1	376.1	393.4	411.4	428.9	449.9	472.9
-37.5°	246.4	273.2	300.6	327.8	349.7	366.0	381.6	398.6	415.4	431.7	451.7
-40°	235.3	261.2	287.9	314.7	338.8	354.9	369.9	385.4	401.3	416.2	431.6
-42.5°	223.8	248.5	273.6	300.7	324.6	343.3	357.3	371.7	386.2	399.9	413.8
-45°	212.3	235.2	258.5	284.5	309.3	330.0	345.1	357.2	370.6	383.5	395.9
-47.5°	200.6	221.7	243.7	268.0	292.6	314.1	331.9	344.0	354.8	366.8	378.3
-50°	188.7	208.8	229.1	251.9	274.7	297.0	315.7	329.0	339.7	349.9	360.4
-52.5°	176.5	195.7	214.9	235.7	257.0	277.9	297.0	311.5	322.9	332.8	343.1
-55°	164.2	182.3	200.0	219.0	239.0	258.7	277.0	292.4	305.0	314.7	325.7
-57.5°	150.9	168.4	184.5	201.4	219.8	238.7	255.2	272.6	286.2	296.8	307.1
-60°	136.9	153.2	168.6	183.7	199.4	216.1	231.8	247.1	263.1	278.3	286.2
-62.5°	122.3	136.7	151.3	165.8	179.6	193.0	207.1	221.0	234.3	247.7	259.6
-65°	107.2	120.0	132.7	145.9	159.4	170.6	182.3	194.7	206.8	218.3	229.4
-67.5°	91.8	103.6	114.5	125.0	136.7	147.5	156.8	166.8	177.5	189.1	199.2
-70°	78.9	87.5	97.2	106.5	115.3	124.5	133.6	141.5	149.1	159.1	169.3
-72.5°	66.2	73.8	81.3	88.5	96.4	104.0	111.5	118.6	125.6	132.9	140.6
-75°	54.3	60.1	66.3	72.6	78.6	84.5	90.2	96.3	102.2	107.8	113.1
-77.5°	43.1	47.8	52.5	57.0	61.5	66.4	71.1	75.6	79.9	84.1	88.0
-80°	32.3	35.5	39.2	42.9	46.0	49.1	52.3	55.6	59.1	62.4	65.5
-82.5°	22.5	24.9	27.3	29.7	31.3	32.6	33.8	35.6	38.8	41.8	44.5
-85°	13.2	14.3	15.9	17.4	18.8	19.9	20.9	21.7	23.2	24.7	26.3
-87.5°	6.6	7.1	7.7	8.2	8.7	9.2	9.7	10.1	10.5	11.0	11.3
-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: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-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°	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	13.1	12.3
85°	27.9	29.0	30.0	30.9	31.7	32.4	33.1	33.7	34.2	33.8	33.3
82.5°	47.0	48.9	50.6	52.2	53.6	55.0	56.2	57.2	58.1	58.1	57.8
80°	68.5	71.5	74.6	77.7	80.6	82.5	83.8	84.8	85.4	85.8	85.8
77.5°	92.0	96.8	101.7	106.6	111.4	114.1	116.1	117.7	119.0	119.3	119.0
75°	118.2	124.3	131.0	136.9	142.0	145.2	147.3	149.2	150.7	151.1	150.9
72.5°	148.5	156.1	162.1	167.1	171.4	174.8	177.5	179.8	181.7	182.5	182.6
70°	178.3	185.8	191.6	196.6	200.9	204.4	207.7	210.5	212.8	214.5	215.8
67.5°	208.6	217.1	223.0	227.6	231.2	234.9	239.3	243.0	246.2	248.3	249.4
65°	239.6	248.4	254.2	259.2	263.6	268.3	273.1	276.7	279.0	280.5	281.4
62.5°	269.7	278.0	285.1	291.8	298.1	303.5	306.8	309.8	312.3	314.4	316.0
60°	295.5	306.0	314.0	320.4	326.6	332.6	336.7	340.0	342.5	344.4	345.6
57.5°	317.6	328.3	337.7	343.9	350.6	357.8	362.6	365.3	367.8	370.0	371.0
55°	336.9	346.7	355.4	363.8	371.5	378.0	383.0	386.7	389.7	392.2	393.0
52.5°	354.2	364.9	375.2	384.2	391.6	397.8	402.8	407.3	410.8	413.1	414.2
50°	372.4	384.0	394.9	404.8	412.4	419.3	425.5	430.9	436.1	440.1	443.0
47.5°	390.3	402.7	414.7	425.5	434.7	444.8	453.8	461.5	468.9	475.0	479.2
45°	408.4	422.6	435.8	449.7	462.1	475.3	487.6	498.1	509.0	517.2	522.7
42.5°	428.5	444.6	460.4	477.8	494.8	511.9	530.5	547.1	559.8	571.8	581.6
40°	449.9	468.4	489.1	510.4	535.4	558.1	583.0	604.4	623.8	644.2	660.5
37.5°	472.9	496.0	523.2	551.6	583.9	615.0	647.5	679.5	707.4	740.4	765.6
35°	498.3	529.1	562.5	601.0	641.3	685.7	730.2	781.7	826.0	874.8	917.2
32.5°	528.3	565.0	608.9	659.7	711.4	778.8	841.9	923.8	994.7	1072.0	1149.9
30°	559.2	607.2	663.8	727.8	810.0	902.7	1006.1	1128.0	1253.7	1375.3	1522.0
27.5°	597.4	655.3	723.9	817.4	938.4	1063.7	1241.5	1424.5	1655.6	1846.7	2116.1
25°	637.2	705.3	802.7	929.9	1087.8	1305.4	1575.2	1867.7	2274.2	2631.3	3050.1
22.5°	680.4	772.4	893.6	1050.5	1290.0	1624.1	2032.7	2583.2	3182.7	3819.3	4452.4
20°	725.4	836.8	995.7	1223.1	1551.7	2004.1	2705.5	3555.5	4412.0	5462.3	6392.3
17.5°	777.6	919.4	1115.2	1399.6	1838.1	2531.1	3504.1	4690.7	6019.5	7529.6	8870.3
15°	821.1	990.2	1237.3	1635.2	2238.3	3128.2	4355.2	5987.6	7984.4	10012.5	12070.2
12.5°	871.6	1067.1	1357.3	1831.8	2589.3	3771.9	5442.2	7508.3	10002.1	12815.3	16131.5
10°	916.4	1142.7	1503.4	2090.8	3016.4	4443.4	6470.5	8956.1	12174.4	16221.8	21357.3
7.5°	949.6	1202.8	1616.2	2287.9	3385.8	5088.9	7441.9	10541.5	14630.9	19975.4	27023.6
5°	971.2	1246.4	1696.0	2440.0	3674.8	5569.4	8153.9	11666.0	16599.5	24158.5	36093.6
2.5°	984.0	1272.1	1741.6	2529.2	3850.6	5887.7	8695.6	12516.2	17875.3	26743.7	41927.3
0°	989.8	1279.3	1768.9	2576.5	3909.4	6010.6	8944.4	12903.8	18446.2	27347.7	42953.0
-2.5°	984.0	1272.1	1741.6	2529.2	3850.6	5887.7	8695.6	12516.2	17875.3	26743.7	41927.3
-5°	971.2	1246.4	1696.0	2440.0	3674.8	5569.4	8153.9	11666.0	16599.5	24158.5	36093.6
-7.5°	949.6	1202.8	1616.2	2287.9	3385.8	5088.9	7441.9	10541.5	14630.9	19975.4	27023.6
-10°	916.4	1142.7	1503.4	2090.8	3016.4	4443.4	6470.5	8956.1	12174.4	16221.8	21357.3
-12.5°	871.6	1067.1	1357.3	1831.8	2589.3	3771.9	5442.2	7508.3	10002.1	12815.3	16131.5
-15°	821.1	990.2	1237.3	1635.2	2238.3	3128.2	4355.2	5987.6	7984.4	10012.5	12070.2
-17.5°	777.6	919.4	1115.2	1399.6	1838.1	2531.1	3504.1	4690.7	6019.5	7529.6	8870.3
-20°	725.4	836.8	995.7	1223.1	1551.7	2004.1	2705.5	3555.5	4412.0	5462.3	6392.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	680.4	772.4	893.6	1050.5	1290.0	1624.1	2032.7	2583.2	3182.7	3819.3	4452.4
-25°	637.2	705.3	802.7	929.9	1087.8	1305.4	1575.2	1867.7	2274.2	2631.3	3050.1
-27.5°	597.4	655.3	723.9	817.4	938.4	1063.7	1241.5	1424.5	1655.6	1846.7	2116.1
-30°	559.2	607.2	663.8	727.8	810.0	902.7	1006.1	1128.0	1253.7	1375.3	1522.0
-32.5°	528.3	565.0	608.9	659.7	711.4	778.8	841.9	923.8	994.7	1072.0	1149.9
-35°	498.3	529.1	562.5	601.0	641.3	685.7	730.2	781.7	826.0	874.8	917.2
-37.5°	472.9	496.0	523.2	551.6	583.9	615.0	647.5	679.5	707.4	740.4	765.6
-40°	449.9	468.4	489.1	510.4	535.4	558.1	583.0	604.4	623.8	644.2	660.5
-42.5°	428.5	444.6	460.4	477.8	494.8	511.9	530.5	547.1	559.8	571.8	581.6
-45°	408.4	422.6	435.8	449.7	462.1	475.3	487.6	498.1	509.0	517.2	522.7
-47.5°	390.3	402.7	414.7	425.5	434.7	444.8	453.8	461.5	468.9	475.0	479.2
-50°	372.4	384.0	394.9	404.8	412.4	419.3	425.5	430.9	436.1	440.1	443.0
-52.5°	354.2	364.9	375.2	384.2	391.6	397.8	402.8	407.3	410.8	413.1	414.2
-55°	336.9	346.7	355.4	363.8	371.5	378.0	383.0	386.7	389.7	392.2	393.0
-57.5°	317.6	328.3	337.7	343.9	350.6	357.8	362.6	365.3	367.8	370.0	371.0
-60°	295.5	306.0	314.0	320.4	326.6	332.6	336.7	340.0	342.5	344.4	345.6
-62.5°	269.7	278.0	285.1	291.8	298.1	303.5	306.8	309.8	312.3	314.4	316.0
-65°	239.6	248.4	254.2	259.2	263.6	268.3	273.1	276.7	279.0	280.5	281.4
-67.5°	208.6	217.1	223.0	227.6	231.2	234.9	239.3	243.0	246.2	248.3	249.4
-70°	178.3	185.8	191.6	196.6	200.9	204.4	207.7	210.5	212.8	214.5	215.8
-72.5°	148.5	156.1	162.1	167.1	171.4	174.8	177.5	179.8	181.7	182.5	182.6
-75°	118.2	124.3	131.0	136.9	142.0	145.2	147.3	149.2	150.7	151.1	150.9
-77.5°	92.0	96.8	101.7	106.6	111.4	114.1	116.1	117.7	119.0	119.3	119.0
-80°	68.5	71.5	74.6	77.7	80.6	82.5	83.8	84.8	85.4	85.8	85.8
-82.5°	47.0	48.9	50.6	52.2	53.6	55.0	56.2	57.2	58.1	58.1	57.8
-85°	27.9	29.0	30.0	30.9	31.7	32.4	33.1	33.7	34.2	33.8	33.3
-87.5°	11.7	12.1	12.4	12.7	13.0	13.2	13.4	13.6	13.8	13.1	12.3
-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: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	11.5	10.7	10.7	10.7	10.7	10.7	11.5	12.3	13.1	13.8	13.6
85°	32.7	32.0	32.2	32.2	32.2	32.0	32.7	33.3	33.8	34.2	33.7
82.5°	57.5	56.9	57.1	57.2	57.1	56.9	57.5	57.8	58.1	58.1	57.2
80°	85.7	85.4	83.9	82.2	83.9	85.4	85.7	85.8	85.8	85.4	84.8
77.5°	118.4	117.4	116.0	114.4	116.0	117.4	118.4	119.0	119.3	119.0	117.7
75°	150.4	149.5	149.9	150.1	149.9	149.5	150.4	150.9	151.1	150.7	149.2
72.5°	182.3	181.5	182.0	182.2	182.0	181.5	182.3	182.6	182.5	181.7	179.8
70°	216.6	217.0	216.0	214.4	216.0	217.0	216.6	215.8	214.5	212.8	210.5
67.5°	249.6	249.2	248.2	246.6	248.2	249.2	249.6	249.4	248.3	246.2	243.0
65°	281.7	281.4	282.0	282.3	282.0	281.4	281.7	281.4	280.5	279.0	276.7
62.5°	316.8	316.8	316.1	314.5	316.1	316.8	316.8	316.0	314.4	312.3	309.8
60°	346.0	345.7	344.8	343.1	344.8	345.7	346.0	345.6	344.4	342.5	340.0
57.5°	371.3	370.9	369.8	368.1	369.8	370.9	371.3	371.0	370.0	367.8	365.3
55°	393.1	392.6	391.4	389.5	391.4	392.6	393.1	393.0	392.2	389.7	386.7
52.5°	414.5	414.0	414.1	414.5	414.1	414.0	414.5	414.2	413.1	410.8	407.3
50°	444.8	445.4	444.9	443.1	444.9	445.4	444.8	443.0	440.1	436.1	430.9
47.5°	481.2	481.4	480.5	478.8	480.5	481.4	481.2	479.2	475.0	468.9	461.5
45°	527.0	529.6	530.3	528.9	530.3	529.6	527.0	522.7	517.2	509.0	498.1
42.5°	589.1	593.2	594.3	593.2	594.3	593.2	589.1	581.6	571.8	559.8	547.1
40°	670.5	675.2	676.1	675.4	676.1	675.2	670.5	660.5	644.2	623.8	604.4
37.5°	783.2	794.5	799.8	800.5	799.8	794.5	783.2	765.6	740.4	707.4	679.5
35°	949.6	972.0	984.0	989.8	984.0	972.0	949.6	917.2	874.8	826.0	781.7
32.5°	1208.9	1253.8	1278.8	1275.7	1278.8	1253.8	1208.9	1149.9	1072.0	994.7	923.8
30°	1632.6	1711.2	1750.8	1740.3	1750.8	1711.2	1632.6	1522.0	1375.3	1253.7	1128.0
27.5°	2309.5	2451.6	2533.7	2522.9	2533.7	2451.6	2309.5	2116.1	1846.7	1655.6	1424.5
25°	3400.2	3659.4	3825.3	3784.3	3825.3	3659.4	3400.2	3050.1	2631.3	2274.2	1867.7
22.5°	5059.4	5498.5	5789.1	5753.3	5789.1	5498.5	5059.4	4452.4	3819.3	3182.7	2583.2
20°	7335.3	8003.7	8480.9	8544.1	8480.9	8003.7	7335.3	6392.3	5462.3	4412.0	3555.5
17.5°	10318.7	11378.4	12116.0	12239.1	12116.0	11378.4	10318.7	8870.3	7529.6	6019.5	4690.7
15°	14195.9	15927.9	17181.4	17284.8	17181.4	15927.9	14195.9	12070.2	10012.5	7984.4	5987.6
12.5°	19460.6	22944.1	25217.6	26218.5	25217.6	22944.1	19460.6	16131.5	12815.3	10002.1	7508.3
10°	26746.7	34748.0	39872.3	41798.7	39872.3	34748.0	26746.7	21357.3	16221.8	12174.4	8956.1
7.5°	38916.5	51479.0	65445.2	71397.7	65445.2	51479.0	38916.5	27023.6	19975.4	14630.9	10541.5
5°	52698.0	78770.2	103569.6	113253.6	103569.6	78770.2	52698.0	36093.6	24158.5	16599.5	11666.0
2.5°	67199.6	103540.5	137594.7	150912.5	137594.7	103540.5	67199.6	41927.3	26743.7	17875.3	12516.2
0°	72862.8	114386.4	151854.1	166787.6	151854.1	114386.4	72862.8	42953.0	27347.7	18446.2	12903.8
-2.5°	67199.6	103540.5	137594.7	150912.5	137594.7	103540.5	67199.6	41927.3	26743.7	17875.3	12516.2
-5°	52698.0	78770.2	103569.6	113253.6	103569.6	78770.2	52698.0	36093.6	24158.5	16599.5	11666.0
-7.5°	38916.5	51479.0	65445.2	71397.7	65445.2	51479.0	38916.5	27023.6	19975.4	14630.9	10541.5
-10°	26746.7	34748.0	39872.3	41798.7	39872.3	34748.0	26746.7	21357.3	16221.8	12174.4	8956.1
-12.5°	19460.6	22944.1	25217.6	26218.5	25217.6	22944.1	19460.6	16131.5	12815.3	10002.1	7508.3
-15°	14195.9	15927.9	17181.4	17284.8	17181.4	15927.9	14195.9	12070.2	10012.5	7984.4	5987.6
-17.5°	10318.7	11378.4	12116.0	12239.1	12116.0	11378.4	10318.7	8870.3	7529.6	6019.5	4690.7
-20°	7335.3	8003.7	8480.9	8544.1	8480.9	8003.7	7335.3	6392.3	5462.3	4412.0	3555.5



REPORT NUMBER: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-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°	5059.4	5498.5	5789.1	5753.3	5789.1	5498.5	5059.4	4452.4	3819.3	3182.7	2583.2
-25°	3400.2	3659.4	3825.3	3784.3	3825.3	3659.4	3400.2	3050.1	2631.3	2274.2	1867.7
-27.5°	2309.5	2451.6	2533.7	2522.9	2533.7	2451.6	2309.5	2116.1	1846.7	1655.6	1424.5
-30°	1632.6	1711.2	1750.8	1740.3	1750.8	1711.2	1632.6	1522.0	1375.3	1253.7	1128.0
-32.5°	1208.9	1253.8	1278.8	1275.7	1278.8	1253.8	1208.9	1149.9	1072.0	994.7	923.8
-35°	949.6	972.0	984.0	989.8	984.0	972.0	949.6	917.2	874.8	826.0	781.7
-37.5°	783.2	794.5	799.8	800.5	799.8	794.5	783.2	765.6	740.4	707.4	679.5
-40°	670.5	675.2	676.1	675.4	676.1	675.2	670.5	660.5	644.2	623.8	604.4
-42.5°	589.1	593.2	594.3	593.2	594.3	593.2	589.1	581.6	571.8	559.8	547.1
-45°	527.0	529.6	530.3	528.9	530.3	529.6	527.0	522.7	517.2	509.0	498.1
-47.5°	481.2	481.4	480.5	478.8	480.5	481.4	481.2	479.2	475.0	468.9	461.5
-50°	444.8	445.4	444.9	443.1	444.9	445.4	444.8	443.0	440.1	436.1	430.9
-52.5°	414.5	414.0	414.1	414.5	414.1	414.0	414.5	414.2	413.1	410.8	407.3
-55°	393.1	392.6	391.4	389.5	391.4	392.6	393.1	393.0	392.2	389.7	386.7
-57.5°	371.3	370.9	369.8	368.1	369.8	370.9	371.3	371.0	370.0	367.8	365.3
-60°	346.0	345.7	344.8	343.1	344.8	345.7	346.0	345.6	344.4	342.5	340.0
-62.5°	316.8	316.8	316.1	314.5	316.1	316.8	316.8	316.0	314.4	312.3	309.8
-65°	281.7	281.4	282.0	282.3	282.0	281.4	281.7	281.4	280.5	279.0	276.7
-67.5°	249.6	249.2	248.2	246.6	248.2	249.2	249.6	249.4	248.3	246.2	243.0
-70°	216.6	217.0	216.0	214.4	216.0	217.0	216.6	215.8	214.5	212.8	210.5
-72.5°	182.3	181.5	182.0	182.2	182.0	181.5	182.3	182.6	182.5	181.7	179.8
-75°	150.4	149.5	149.9	150.1	149.9	149.5	150.4	150.9	151.1	150.7	149.2
-77.5°	118.4	117.4	116.0	114.4	116.0	117.4	118.4	119.0	119.3	119.0	117.7
-80°	85.7	85.4	83.9	82.2	83.9	85.4	85.7	85.8	85.8	85.4	84.8
-82.5°	57.5	56.9	57.1	57.2	57.1	56.9	57.5	57.8	58.1	58.1	57.2
-85°	32.7	32.0	32.2	32.2	32.2	32.0	32.7	33.3	33.8	34.2	33.7
-87.5°	11.5	10.7	10.7	10.7	10.7	10.7	11.5	12.3	13.1	13.8	13.6
-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: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-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°	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.3	11.0	10.5	10.1
85°	33.1	32.4	31.7	30.9	30.0	29.0	27.9	26.3	24.7	23.2	21.7
82.5°	56.2	55.0	53.6	52.2	50.6	48.9	47.0	44.5	41.8	38.8	35.6
80°	83.8	82.5	80.6	77.7	74.6	71.5	68.5	65.5	62.4	59.1	55.6
77.5°	116.1	114.1	111.4	106.6	101.7	96.8	92.0	88.0	84.1	79.9	75.6
75°	147.3	145.2	142.0	136.9	131.0	124.3	118.2	113.1	107.8	102.2	96.3
72.5°	177.5	174.8	171.4	167.1	162.1	156.1	148.5	140.6	132.9	125.6	118.6
70°	207.7	204.4	200.9	196.6	191.6	185.8	178.3	169.3	159.1	149.1	141.5
67.5°	239.3	234.9	231.2	227.6	223.0	217.1	208.6	199.2	189.1	177.5	166.8
65°	273.1	268.3	263.6	259.2	254.2	248.4	239.6	229.4	218.3	206.8	194.7
62.5°	306.8	303.5	298.1	291.8	285.1	278.0	269.7	259.6	247.7	234.3	221.0
60°	336.7	332.6	326.6	320.4	314.0	306.0	295.5	286.2	278.3	263.1	247.1
57.5°	362.6	357.8	350.6	343.9	337.7	328.3	317.6	307.1	296.8	286.2	272.6
55°	383.0	378.0	371.5	363.8	355.4	346.7	336.9	325.7	314.7	305.0	292.4
52.5°	402.8	397.8	391.6	384.2	375.2	364.9	354.2	343.1	332.8	322.9	311.5
50°	425.5	419.3	412.4	404.8	394.9	384.0	372.4	360.4	349.9	339.7	329.0
47.5°	453.8	444.8	434.7	425.5	414.7	402.7	390.3	378.3	366.8	354.8	344.0
45°	487.6	475.3	462.1	449.7	435.8	422.6	408.4	395.9	383.5	370.6	357.2
42.5°	530.5	511.9	494.8	477.8	460.4	444.6	428.5	413.8	399.9	386.2	371.7
40°	583.0	558.1	535.4	510.4	489.1	468.4	449.9	431.6	416.2	401.3	385.4
37.5°	647.5	615.0	583.9	551.6	523.2	496.0	472.9	451.7	431.7	415.4	398.6
35°	730.2	685.7	641.3	601.0	562.5	529.1	498.3	472.9	449.9	428.9	411.4
32.5°	841.9	778.8	711.4	659.7	608.9	565.0	528.3	496.0	468.4	444.6	423.5
30°	1006.1	902.7	810.0	727.8	663.8	607.2	559.2	521.9	489.1	460.4	435.8
27.5°	1241.5	1063.7	938.4	817.4	723.9	655.3	597.4	548.4	510.0	477.8	449.4
25°	1575.2	1305.4	1087.8	929.9	802.7	705.3	637.2	580.3	533.3	494.6	460.4
22.5°	2032.7	1624.1	1290.0	1050.5	893.6	772.4	680.4	611.9	554.6	509.2	472.1
20°	2705.5	2004.1	1551.7	1223.1	995.7	836.8	725.4	644.8	578.6	524.5	482.4
17.5°	3504.1	2531.1	1838.1	1399.6	1115.2	919.4	777.6	675.1	600.4	537.7	490.7
15°	4355.2	3128.2	2238.3	1635.2	1237.3	990.2	821.1	702.0	621.2	552.4	501.0
12.5°	5442.2	3771.9	2589.3	1831.8	1357.3	1067.1	871.6	736.0	641.6	568.2	511.7
10°	6470.5	4443.4	3016.4	2090.8	1503.4	1142.7	916.4	762.2	657.4	580.7	520.5
7.5°	7441.9	5088.9	3385.8	2287.9	1616.2	1202.8	949.6	781.1	668.6	589.5	527.1
5°	8153.9	5569.4	3674.8	2440.0	1696.0	1246.4	971.2	792.8	675.3	594.6	531.7
2.5°	8695.6	5887.7	3850.6	2529.2	1741.6	1272.1	984.0	801.8	681.8	598.8	536.7
0°	8944.4	6010.6	3909.4	2576.5	1768.9	1279.3	989.8	807.6	686.1	600.3	539.6
-2.5°	8695.6	5887.7	3850.6	2529.2	1741.6	1272.1	984.0	801.8	681.8	598.8	536.7
-5°	8153.9	5569.4	3674.8	2440.0	1696.0	1246.4	971.2	792.8	675.3	594.6	531.7
-7.5°	7441.9	5088.9	3385.8	2287.9	1616.2	1202.8	949.6	781.1	668.6	589.5	527.1
-10°	6470.5	4443.4	3016.4	2090.8	1503.4	1142.7	916.4	762.2	657.4	580.7	520.5
-12.5°	5442.2	3771.9	2589.3	1831.8	1357.3	1067.1	871.6	736.0	641.6	568.2	511.7
-15°	4355.2	3128.2	2238.3	1635.2	1237.3	990.2	821.1	702.0	621.2	552.4	501.0
-17.5°	3504.1	2531.1	1838.1	1399.6	1115.2	919.4	777.6	675.1	600.4	537.7	490.7
-20°	2705.5	2004.1	1551.7	1223.1	995.7	836.8	725.4	644.8	578.6	524.5	482.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2032.7	1624.1	1290.0	1050.5	893.6	772.4	680.4	611.9	554.6	509.2	472.1
-25°	1575.2	1305.4	1087.8	929.9	802.7	705.3	637.2	580.3	533.3	494.6	460.4
-27.5°	1241.5	1063.7	938.4	817.4	723.9	655.3	597.4	548.4	510.0	477.8	449.4
-30°	1006.1	902.7	810.0	727.8	663.8	607.2	559.2	521.9	489.1	460.4	435.8
-32.5°	841.9	778.8	711.4	659.7	608.9	565.0	528.3	496.0	468.4	444.6	423.5
-35°	730.2	685.7	641.3	601.0	562.5	529.1	498.3	472.9	449.9	428.9	411.4
-37.5°	647.5	615.0	583.9	551.6	523.2	496.0	472.9	451.7	431.7	415.4	398.6
-40°	583.0	558.1	535.4	510.4	489.1	468.4	449.9	431.6	416.2	401.3	385.4
-42.5°	530.5	511.9	494.8	477.8	460.4	444.6	428.5	413.8	399.9	386.2	371.7
-45°	487.6	475.3	462.1	449.7	435.8	422.6	408.4	395.9	383.5	370.6	357.2
-47.5°	453.8	444.8	434.7	425.5	414.7	402.7	390.3	378.3	366.8	354.8	344.0
-50°	425.5	419.3	412.4	404.8	394.9	384.0	372.4	360.4	349.9	339.7	329.0
-52.5°	402.8	397.8	391.6	384.2	375.2	364.9	354.2	343.1	332.8	322.9	311.5
-55°	383.0	378.0	371.5	363.8	355.4	346.7	336.9	325.7	314.7	305.0	292.4
-57.5°	362.6	357.8	350.6	343.9	337.7	328.3	317.6	307.1	296.8	286.2	272.6
-60°	336.7	332.6	326.6	320.4	314.0	306.0	295.5	286.2	278.3	263.1	247.1
-62.5°	306.8	303.5	298.1	291.8	285.1	278.0	269.7	259.6	247.7	234.3	221.0
-65°	273.1	268.3	263.6	259.2	254.2	248.4	239.6	229.4	218.3	206.8	194.7
-67.5°	239.3	234.9	231.2	227.6	223.0	217.1	208.6	199.2	189.1	177.5	166.8
-70°	207.7	204.4	200.9	196.6	191.6	185.8	178.3	169.3	159.1	149.1	141.5
-72.5°	177.5	174.8	171.4	167.1	162.1	156.1	148.5	140.6	132.9	125.6	118.6
-75°	147.3	145.2	142.0	136.9	131.0	124.3	118.2	113.1	107.8	102.2	96.3
-77.5°	116.1	114.1	111.4	106.6	101.7	96.8	92.0	88.0	84.1	79.9	75.6
-80°	83.8	82.5	80.6	77.7	74.6	71.5	68.5	65.5	62.4	59.1	55.6
-82.5°	56.2	55.0	53.6	52.2	50.6	48.9	47.0	44.5	41.8	38.8	35.6
-85°	33.1	32.4	31.7	30.9	30.0	29.0	27.9	26.3	24.7	23.2	21.7
-87.5°	13.4	13.2	13.0	12.7	12.4	12.1	11.7	11.3	11.0	10.5	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627159 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3C-735-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°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
85°	20.9	19.9	18.8	17.4	15.9	14.3	13.2	12.1	10.9	9.8	8.6
82.5°	33.8	32.6	31.3	29.7	27.3	24.9	22.5	20.0	17.4	14.8	12.9
80°	52.3	49.1	46.0	42.9	39.2	35.5	32.3	28.9	25.5	22.0	18.5
77.5°	71.1	66.4	61.5	57.0	52.5	47.8	43.1	38.2	33.6	29.2	24.8
75°	90.2	84.5	78.6	72.6	66.3	60.1	54.3	48.5	42.5	36.5	31.1
72.5°	111.5	104.0	96.4	88.5	81.3	73.8	66.2	58.7	51.8	44.7	37.6
70°	133.6	124.5	115.3	106.5	97.2	87.5	78.9	70.0	60.9	52.9	44.7
67.5°	156.8	147.5	136.7	125.0	114.5	103.6	91.8	81.4	71.2	60.9	51.8
65°	182.3	170.6	159.4	145.9	132.7	120.0	107.2	93.3	81.4	70.0	58.7
62.5°	207.1	193.0	179.6	165.8	151.3	136.7	122.3	106.8	91.7	78.9	66.2
60°	231.8	216.1	199.4	183.7	168.6	153.2	136.9	119.8	103.3	87.5	73.8
57.5°	255.2	238.7	219.8	201.4	184.5	168.4	150.9	132.4	114.5	97.1	81.2
55°	277.0	258.7	239.0	219.0	200.0	182.3	164.2	144.6	125.3	106.5	88.3
52.5°	297.0	277.9	257.0	235.7	214.9	195.7	176.5	156.2	135.6	115.6	96.0
50°	315.7	297.0	274.7	251.9	229.1	208.8	188.7	167.4	145.5	124.3	103.5
47.5°	331.9	314.1	292.6	268.0	243.7	221.7	200.6	178.3	154.9	132.6	110.8
45°	345.1	330.0	309.3	284.5	258.5	235.2	212.3	189.0	164.5	140.6	117.7
42.5°	357.3	343.3	324.6	300.7	273.6	248.5	223.8	199.4	173.9	148.2	124.4
40°	369.9	354.9	338.8	314.7	287.9	261.2	235.3	209.5	182.9	155.7	130.8
37.5°	381.6	366.0	349.7	327.8	300.6	273.2	246.4	219.3	191.3	163.2	136.8
35°	393.4	376.1	359.1	338.0	311.8	284.1	257.0	228.7	199.2	170.1	142.5
32.5°	404.8	385.4	367.1	346.4	321.9	293.8	266.4	236.9	206.6	176.5	147.8
30°	415.1	394.0	374.7	354.5	330.6	302.4	274.3	244.4	213.5	182.3	152.8
27.5°	423.4	401.2	382.0	361.5	337.5	310.1	281.2	251.1	219.9	187.8	157.5
25°	431.6	407.9	387.8	367.8	344.0	317.9	287.7	257.0	225.5	192.9	161.8
22.5°	440.7	414.0	392.3	373.8	350.7	325.3	293.9	262.2	230.3	197.5	165.6
20°	448.8	419.4	395.7	378.5	355.9	330.9	299.7	266.8	234.5	201.6	168.9
17.5°	455.9	425.1	400.2	381.3	360.1	335.7	305.2	270.9	238.0	205.1	171.7
15°	463.3	431.0	404.2	383.6	363.4	339.7	310.1	274.5	240.8	208.1	174.3
12.5°	469.9	435.9	407.3	385.3	365.9	342.9	314.4	277.5	243.0	210.6	176.6
10°	475.4	439.7	409.7	386.5	367.7	345.4	318.1	280.3	245.4	212.6	178.5
7.5°	479.7	442.3	411.3	387.2	368.9	347.4	321.3	283.6	247.4	213.9	180.1
5°	482.9	444.4	413.7	389.4	370.4	348.9	323.5	286.3	248.9	214.6	181.2
2.5°	485.2	446.1	416.3	391.5	371.3	349.9	324.8	288.3	249.8	214.8	182.0
0°	486.0	446.7	418.1	393.1	371.6	350.2	325.2	289.5	250.1	214.4	182.2
-2.5°	485.2	446.1	416.3	391.5	371.3	349.9	324.8	288.3	249.8	214.8	182.0
-5°	482.9	444.4	413.7	389.4	370.4	348.9	323.5	286.3	248.9	214.6	181.2
-7.5°	479.7	442.3	411.3	387.2	368.9	347.4	321.3	283.6	247.4	213.9	180.1
-10°	475.4	439.7	409.7	386.5	367.7	345.4	318.1	280.3	245.4	212.6	178.5
-12.5°	469.9	435.9	407.3	385.3	365.9	342.9	314.4	277.5	243.0	210.6	176.6
-15°	463.3	431.0	404.2	383.6	363.4	339.7	310.1	274.5	240.8	208.1	174.3
-17.5°	455.9	425.1	400.2	381.3	360.1	335.7	305.2	270.9	238.0	205.1	171.7
-20°	448.8	419.4	395.7	378.5	355.9	330.9	299.7	266.8	234.5	201.6	168.9

Classified

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3C-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	440.7	414.0	392.3	373.8	350.7	325.3	293.9	262.2	230.3	197.5	165.6
-25°	431.6	407.9	387.8	367.8	344.0	317.9	287.7	257.0	225.5	192.9	161.8
-27.5°	423.4	401.2	382.0	361.5	337.5	310.1	281.2	251.1	219.9	187.8	157.5
-30°	415.1	394.0	374.7	354.5	330.6	302.4	274.3	244.4	213.5	182.3	152.8
-32.5°	404.8	385.4	367.1	346.4	321.9	293.8	266.4	236.9	206.6	176.5	147.8
-35°	393.4	376.1	359.1	338.0	311.8	284.1	257.0	228.7	199.2	170.1	142.5
-37.5°	381.6	366.0	349.7	327.8	300.6	273.2	246.4	219.3	191.3	163.2	136.8
-40°	369.9	354.9	338.8	314.7	287.9	261.2	235.3	209.5	182.9	155.7	130.8
-42.5°	357.3	343.3	324.6	300.7	273.6	248.5	223.8	199.4	173.9	148.2	124.4
-45°	345.1	330.0	309.3	284.5	258.5	235.2	212.3	189.0	164.5	140.6	117.7
-47.5°	331.9	314.1	292.6	268.0	243.7	221.7	200.6	178.3	154.9	132.6	110.8
-50°	315.7	297.0	274.7	251.9	229.1	208.8	188.7	167.4	145.5	124.3	103.5
-52.5°	297.0	277.9	257.0	235.7	214.9	195.7	176.5	156.2	135.6	115.6	96.0
-55°	277.0	258.7	239.0	219.0	200.0	182.3	164.2	144.6	125.3	106.5	88.3
-57.5°	255.2	238.7	219.8	201.4	184.5	168.4	150.9	132.4	114.5	97.1	81.2
-60°	231.8	216.1	199.4	183.7	168.6	153.2	136.9	119.8	103.3	87.5	73.8
-62.5°	207.1	193.0	179.6	165.8	151.3	136.7	122.3	106.8	91.7	78.9	66.2
-65°	182.3	170.6	159.4	145.9	132.7	120.0	107.2	93.3	81.4	70.0	58.7
-67.5°	156.8	147.5	136.7	125.0	114.5	103.6	91.8	81.4	71.2	60.9	51.8
-70°	133.6	124.5	115.3	106.5	97.2	87.5	78.9	70.0	60.9	52.9	44.7
-72.5°	111.5	104.0	96.4	88.5	81.3	73.8	66.2	58.7	51.8	44.7	37.6
-75°	90.2	84.5	78.6	72.6	66.3	60.1	54.3	48.5	42.5	36.5	31.1
-77.5°	71.1	66.4	61.5	57.0	52.5	47.8	43.1	38.2	33.6	29.2	24.8
-80°	52.3	49.1	46.0	42.9	39.2	35.5	32.3	28.9	25.5	22.0	18.5
-82.5°	33.8	32.6	31.3	29.7	27.3	24.9	22.5	20.0	17.4	14.8	12.9
-85°	20.9	19.9	18.8	17.4	15.9	14.3	13.2	12.1	10.9	9.8	8.6
-87.5°	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.3
-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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CATALOG NUMBER: GFLD-SA3C-735-U-NR-XX

**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°	3.7	3.1	2.5	1.9	1.2	0.5	0.0
85°	7.4	6.2	5.0	3.7	2.5	1.1	0.0
82.5°	11.1	9.3	7.4	5.6	3.7	1.6	0.0
80°	14.9	12.3	9.9	7.4	4.9	2.2	0.0
77.5°	20.4	15.8	12.3	9.3	6.1	2.7	0.0
75°	25.7	20.1	14.9	11.1	7.3	3.2	0.0
72.5°	30.9	24.3	18.1	12.9	8.5	3.7	0.0
70°	36.2	28.5	21.3	14.7	9.6	4.2	0.0
67.5°	42.2	32.5	24.5	17.0	10.7	4.7	0.0
65°	48.0	36.9	27.5	19.2	11.8	5.2	0.0
62.5°	53.8	41.7	30.5	21.4	12.8	5.7	0.0
60°	59.4	46.4	33.3	23.5	13.8	6.1	0.0
57.5°	65.6	50.9	36.9	25.5	15.1	6.6	0.0
55°	71.6	55.4	40.5	27.4	16.4	7.0	0.0
52.5°	77.6	59.8	43.9	29.3	17.6	7.4	0.0
50°	83.3	64.5	47.2	31.1	18.8	7.8	0.0
47.5°	88.9	69.1	50.4	33.0	20.0	8.1	0.0
45°	94.8	73.5	53.5	35.3	21.1	8.5	0.0
42.5°	100.5	77.7	56.4	37.5	22.2	8.8	0.0
40°	105.9	81.7	59.4	39.6	23.2	9.1	0.0
37.5°	111.1	85.5	62.4	41.6	24.2	9.4	0.0
35°	115.9	89.3	65.2	43.6	25.2	9.6	0.0
32.5°	120.4	93.1	67.9	45.4	26.1	9.8	0.0
30°	124.7	96.6	70.4	47.1	26.9	10.0	0.0
27.5°	128.6	99.8	72.8	48.7	27.7	10.2	0.0
25°	132.2	102.8	75.0	50.1	28.4	10.4	0.0
22.5°	135.4	105.4	77.0	51.5	29.1	10.5	0.0
20°	138.3	107.8	78.8	52.7	29.7	10.6	0.0
17.5°	140.7	109.7	80.5	53.7	30.3	10.7	0.0
15°	142.6	111.4	81.9	54.6	30.8	10.8	0.0
12.5°	144.2	112.6	83.1	55.4	31.2	10.8	0.0
10°	145.4	113.6	84.0	56.1	31.6	10.8	0.0
7.5°	146.3	114.3	84.8	56.6	31.8	10.8	0.0
5°	146.7	114.6	85.4	56.9	32.0	10.8	0.0
2.5°	146.8	114.6	85.7	57.1	32.2	10.8	0.0
0°	146.5	114.4	85.8	57.2	32.2	10.7	0.0
-2.5°	146.8	114.6	85.7	57.1	32.2	10.8	0.0
-5°	146.7	114.6	85.4	56.9	32.0	10.8	0.0
-7.5°	146.3	114.3	84.8	56.6	31.8	10.8	0.0
-10°	145.4	113.6	84.0	56.1	31.6	10.8	0.0
-12.5°	144.2	112.6	83.1	55.4	31.2	10.8	0.0
-15°	142.6	111.4	81.9	54.6	30.8	10.8	0.0
-17.5°	140.7	109.7	80.5	53.7	30.3	10.7	0.0
-20°	138.3	107.8	78.8	52.7	29.7	10.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	135.4	105.4	77.0	51.5	29.1	10.5	0.0
-25°	132.2	102.8	75.0	50.1	28.4	10.4	0.0
-27.5°	128.6	99.8	72.8	48.7	27.7	10.2	0.0
-30°	124.7	96.6	70.4	47.1	26.9	10.0	0.0
-32.5°	120.4	93.1	67.9	45.4	26.1	9.8	0.0
-35°	115.9	89.3	65.2	43.6	25.2	9.6	0.0
-37.5°	111.1	85.5	62.4	41.6	24.2	9.4	0.0
-40°	105.9	81.7	59.4	39.6	23.2	9.1	0.0
-42.5°	100.5	77.7	56.4	37.5	22.2	8.8	0.0
-45°	94.8	73.5	53.5	35.3	21.1	8.5	0.0
-47.5°	88.9	69.1	50.4	33.0	20.0	8.1	0.0
-50°	83.3	64.5	47.2	31.1	18.8	7.8	0.0
-52.5°	77.6	59.8	43.9	29.3	17.6	7.4	0.0
-55°	71.6	55.4	40.5	27.4	16.4	7.0	0.0
-57.5°	65.6	50.9	36.9	25.5	15.1	6.6	0.0
-60°	59.4	46.4	33.3	23.5	13.8	6.1	0.0
-62.5°	53.8	41.7	30.5	21.4	12.8	5.7	0.0
-65°	48.0	36.9	27.5	19.2	11.8	5.2	0.0
-67.5°	42.2	32.5	24.5	17.0	10.7	4.7	0.0
-70°	36.2	28.5	21.3	14.7	9.6	4.2	0.0
-72.5°	30.9	24.3	18.1	12.9	8.5	3.7	0.0
-75°	25.7	20.1	14.9	11.1	7.3	3.2	0.0
-77.5°	20.4	15.8	12.3	9.3	6.1	2.7	0.0
-80°	14.9	12.3	9.9	7.4	4.9	2.2	0.0
-82.5°	11.1	9.3	7.4	5.6	3.7	1.6	0.0
-85°	7.4	6.2	5.0	3.7	2.5	1.1	0.0
-87.5°	3.7	3.1	2.5	1.9	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)