

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: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627579 (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-SA5B-735-U-NR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N117  
Light Source: (80) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

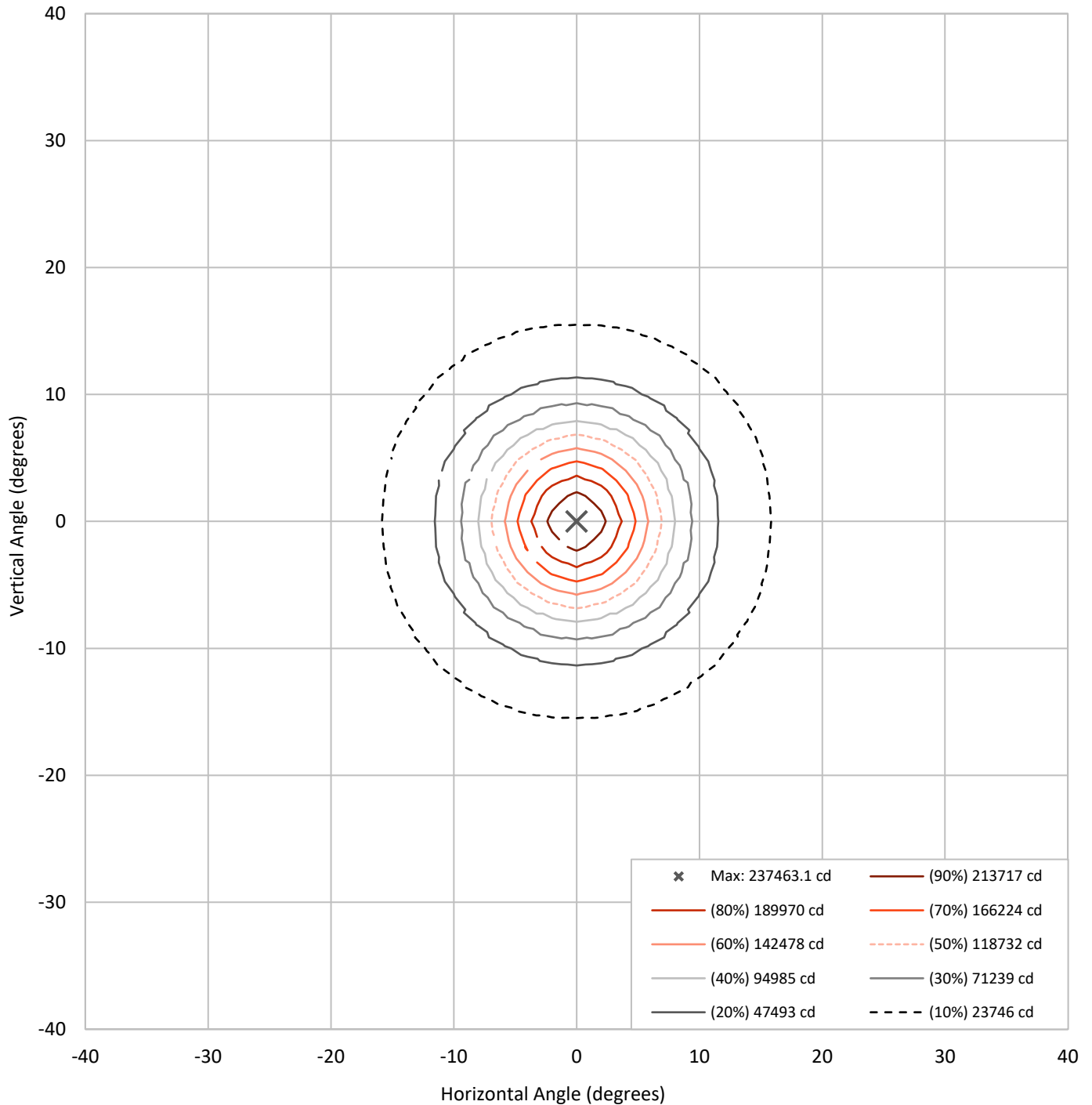
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	25215.1 lumens	Max Intensity:	237463.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	7455 lumens	Field Lumens:	16776.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





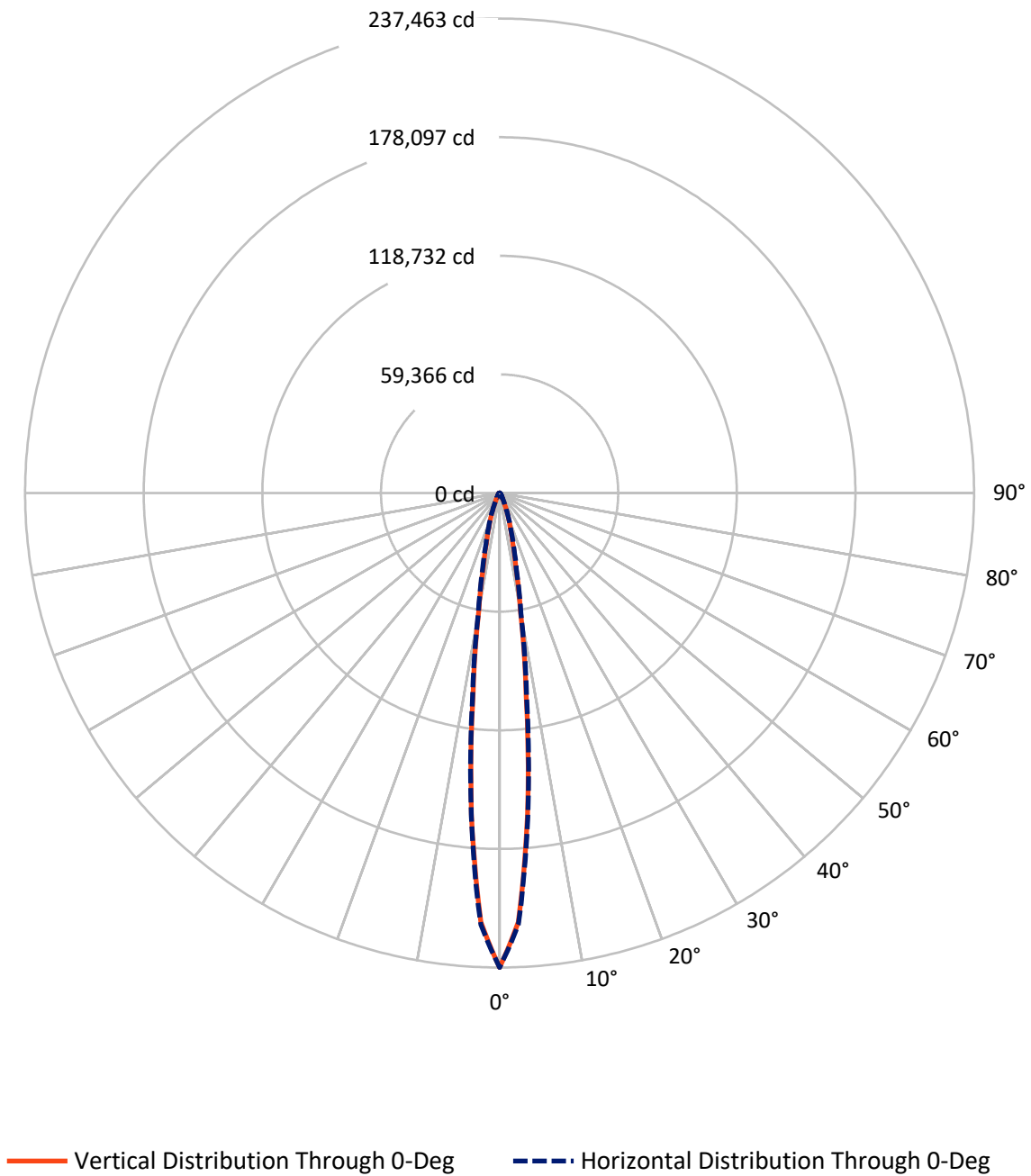
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### Lumen Table

90	0.4	3.5		9.1		14.7		16.0		14.7		9.1		3.5		0.4			
80	0.4	3.5		9.1		14.7		16.0		14.7		9.1		3.5		0.4			
70	1.6	1.8	3.6	6.0	8.5	10.4	11.6	12.2	12.2	11.6	10.4	8.5	6.0	3.6	1.8	1.6			
60		2.7	5.5	8.9	11.9	14.5	16.3	17.0	17.0	16.3	14.5	11.9	8.9	5.5	2.7				
50	2.7	3.5	7.1	11.0	14.6	18.3	21.6	23.3	23.3	21.6	18.3	14.6	11.0	7.1	3.5	2.7			
40		4.2	8.3	12.6	17.9	25.8	36.3	45.0	45.0	36.3	25.8	17.9	12.6	8.3	4.2				
30	3.6	4.8	9.1	14.3	23.2	46.1	104.9	173.7	173.7	104.9	46.1	23.2	14.3	9.1	4.8	3.6			
20		5.1	9.6	15.7	30.8	97.8	347.4	748.2	748.2	347.4	97.8	30.8	15.7	9.6	5.1				
10	3.8	5.3	9.8	16.7	37.2	161.2	755.2	3262.1	3262.1	755.2	161.2	37.2	16.7	9.8	5.3	3.8			
0		5.3	9.8	16.7	37.2	161.2	755.2	3262.1	3262.1	755.2	161.2	37.2	16.7	9.8	5.3				
-10	3.6	5.1	9.6	15.7	30.8	97.8	347.4	748.2	748.2	347.4	97.8	30.8	15.7	9.6	5.1	3.6			
-20		4.8	9.1	14.3	23.2	46.1	104.9	173.7	173.7	104.9	46.1	23.2	14.3	9.1	4.8				
-30	2.7	4.2	8.3	12.6	17.9	25.8	36.3	45.0	45.0	36.3	25.8	17.9	12.6	8.3	4.2	2.7			
-40		3.5	7.1	11.0	14.6	18.3	21.6	23.3	23.3	21.6	18.3	14.6	11.0	7.1	3.5				
-50	1.6	2.7	5.5	8.9	11.9	14.5	16.3	17.0	17.0	16.3	14.5	11.9	8.9	5.5	2.7	1.6			
-60		1.8	3.6	6.0	8.5	10.4	11.6	12.2	12.2	11.6	10.4	8.5	6.0	3.6	1.8				
-70	0.4	3.5		9.1		14.7		16.0		14.7		9.1		3.5		0.4			
-80		3.5		9.1		14.7		16.0		14.7		9.1		3.5					
-90	0.4	3.5		9.1		14.7		16.0		14.7		9.1		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

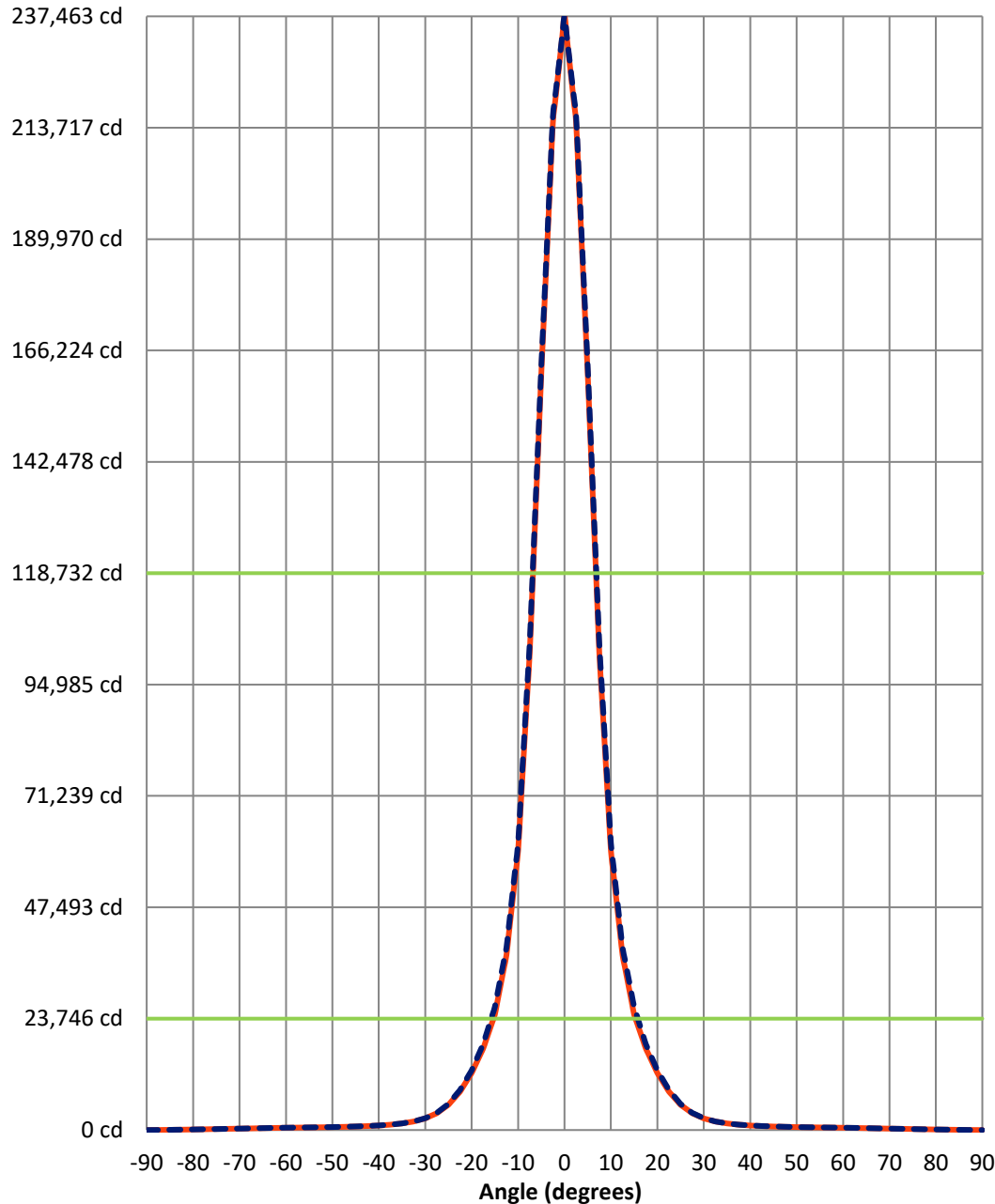
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 13.7°  
V Angle: 13.6°  
Lumens: 7455  
Efficiency: 29.6%

**Field:**  
H Angle: 31.6°  
V Angle: 30.6°  
Lumens: 16776.8  
Efficiency: 66.5%

**Spill:**  
Lumens: 8438.3  
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	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
85°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.3	13.9	15.6	17.2
82.5°	0.0	2.3	5.3	8.0	10.6	13.2	15.8	18.4	21.1	24.8	28.5
80°	0.0	3.1	7.0	10.6	14.1	17.6	21.3	26.4	31.4	36.4	41.2
77.5°	0.0	3.8	8.8	13.2	17.6	22.6	29.0	35.4	41.7	47.9	54.4
75°	0.0	4.6	10.5	15.8	21.2	28.7	36.6	44.4	52.0	60.6	69.1
72.5°	0.0	5.3	12.1	18.4	25.9	34.7	44.1	53.6	63.8	73.8	83.7
70°	0.0	6.1	13.7	21.0	30.4	40.5	51.6	63.8	75.4	86.8	99.7
67.5°	0.0	6.8	15.3	24.2	34.8	46.3	60.1	73.8	86.8	101.5	115.9
65°	0.0	7.4	16.8	27.4	39.2	52.6	68.4	83.7	99.7	115.9	133.0
62.5°	0.0	8.1	18.3	30.4	43.4	59.4	76.6	94.3	112.3	130.6	152.1
60°	0.0	8.8	19.7	33.4	47.5	66.1	84.6	105.2	124.7	147.1	170.6
57.5°	0.0	9.4	21.5	36.3	52.6	72.5	93.4	115.7	138.2	163.0	188.6
55°	0.0	10.0	23.3	39.0	57.6	78.8	102.1	125.8	151.7	178.3	205.8
52.5°	0.0	10.5	25.1	41.7	62.5	85.1	110.5	136.8	164.6	193.0	222.4
50°	0.0	11.1	26.8	44.3	67.2	91.9	118.6	147.4	177.0	207.1	238.3
47.5°	0.0	11.6	28.4	46.9	71.8	98.4	126.5	157.8	188.8	220.5	253.9
45°	0.0	12.1	30.0	50.2	76.1	104.6	135.0	167.7	200.1	234.2	269.0
42.5°	0.0	12.5	31.6	53.3	80.3	110.6	143.1	177.1	211.0	247.5	283.9
40°	0.0	13.0	33.0	56.3	84.5	116.3	150.8	186.2	221.6	260.3	298.3
37.5°	0.0	13.4	34.5	59.2	88.8	121.6	158.2	194.7	232.3	272.3	312.2
35°	0.0	13.7	35.8	62.0	92.8	127.1	165.0	202.8	242.2	283.6	325.7
32.5°	0.0	14.1	37.1	64.6	96.6	132.5	171.5	210.4	251.3	294.2	337.3
30°	0.0	14.4	38.3	67.0	100.1	137.5	177.5	217.5	259.6	304.0	347.9
27.5°	0.0	14.6	39.4	69.3	103.5	142.1	183.1	224.3	267.3	313.1	357.5
25°	0.0	14.8	40.5	71.3	106.7	146.3	188.2	230.4	274.6	321.0	365.9
22.5°	0.0	15.0	41.4	73.2	109.6	150.1	192.8	235.8	281.2	327.9	373.2
20°	0.0	15.2	42.3	74.9	112.2	153.4	196.9	240.5	287.0	333.8	379.9
17.5°	0.0	15.3	43.1	76.4	114.5	156.2	200.3	244.6	292.0	338.8	385.7
15°	0.0	15.4	43.8	77.7	116.5	158.5	203.1	248.2	296.3	342.9	390.8
12.5°	0.0	15.5	44.4	78.9	118.2	160.4	205.3	251.5	299.9	346.0	395.0
10°	0.0	15.5	44.9	79.8	119.6	161.7	207.0	254.3	302.7	349.4	399.1
7.5°	0.0	15.5	45.3	80.5	120.7	162.6	208.2	256.5	304.6	352.2	403.8
5°	0.0	15.5	45.6	81.0	121.5	163.1	208.9	258.1	305.6	354.3	407.5
2.5°	0.0	15.4	45.7	81.3	121.9	163.2	209.0	259.2	305.8	355.7	410.4
0°	0.0	15.3	45.8	81.4	122.1	162.8	208.6	259.5	305.3	356.1	412.1
-2.5°	0.0	15.4	45.7	81.3	121.9	163.2	209.0	259.2	305.8	355.7	410.4
-5°	0.0	15.5	45.6	81.0	121.5	163.1	208.9	258.1	305.6	354.3	407.5
-7.5°	0.0	15.5	45.3	80.5	120.7	162.6	208.2	256.5	304.6	352.2	403.8
-10°	0.0	15.5	44.9	79.8	119.6	161.7	207.0	254.3	302.7	349.4	399.1
-12.5°	0.0	15.5	44.4	78.9	118.2	160.4	205.3	251.5	299.9	346.0	395.0
-15°	0.0	15.4	43.8	77.7	116.5	158.5	203.1	248.2	296.3	342.9	390.8
-17.5°	0.0	15.3	43.1	76.4	114.5	156.2	200.3	244.6	292.0	338.8	385.7
-20°	0.0	15.2	42.3	74.9	112.2	153.4	196.9	240.5	287.0	333.8	379.9

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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	15.0	41.4	73.2	109.6	150.1	192.8	235.8	281.2	327.9	373.2
-25°	0.0	14.8	40.5	71.3	106.7	146.3	188.2	230.4	274.6	321.0	365.9
-27.5°	0.0	14.6	39.4	69.3	103.5	142.1	183.1	224.3	267.3	313.1	357.5
-30°	0.0	14.4	38.3	67.0	100.1	137.5	177.5	217.5	259.6	304.0	347.9
-32.5°	0.0	14.1	37.1	64.6	96.6	132.5	171.5	210.4	251.3	294.2	337.3
-35°	0.0	13.7	35.8	62.0	92.8	127.1	165.0	202.8	242.2	283.6	325.7
-37.5°	0.0	13.4	34.5	59.2	88.8	121.6	158.2	194.7	232.3	272.3	312.2
-40°	0.0	13.0	33.0	56.3	84.5	116.3	150.8	186.2	221.6	260.3	298.3
-42.5°	0.0	12.5	31.6	53.3	80.3	110.6	143.1	177.1	211.0	247.5	283.9
-45°	0.0	12.1	30.0	50.2	76.1	104.6	135.0	167.7	200.1	234.2	269.0
-47.5°	0.0	11.6	28.4	46.9	71.8	98.4	126.5	157.8	188.8	220.5	253.9
-50°	0.0	11.1	26.8	44.3	67.2	91.9	118.6	147.4	177.0	207.1	238.3
-52.5°	0.0	10.5	25.1	41.7	62.5	85.1	110.5	136.8	164.6	193.0	222.4
-55°	0.0	10.0	23.3	39.0	57.6	78.8	102.1	125.8	151.7	178.3	205.8
-57.5°	0.0	9.4	21.5	36.3	52.6	72.5	93.4	115.7	138.2	163.0	188.6
-60°	0.0	8.8	19.7	33.4	47.5	66.1	84.6	105.2	124.7	147.1	170.6
-62.5°	0.0	8.1	18.3	30.4	43.4	59.4	76.6	94.3	112.3	130.6	152.1
-65°	0.0	7.4	16.8	27.4	39.2	52.6	68.4	83.7	99.7	115.9	133.0
-67.5°	0.0	6.8	15.3	24.2	34.8	46.3	60.1	73.8	86.8	101.5	115.9
-70°	0.0	6.1	13.7	21.0	30.4	40.5	51.6	63.8	75.4	86.8	99.7
-72.5°	0.0	5.3	12.1	18.4	25.9	34.7	44.1	53.6	63.8	73.8	83.7
-75°	0.0	4.6	10.5	15.8	21.2	28.7	36.6	44.4	52.0	60.6	69.1
-77.5°	0.0	3.8	8.8	13.2	17.6	22.6	29.0	35.4	41.7	47.9	54.4
-80°	0.0	3.1	7.0	10.6	14.1	17.6	21.3	26.4	31.4	36.4	41.2
-82.5°	0.0	2.3	5.3	8.0	10.6	13.2	15.8	18.4	21.1	24.8	28.5
-85°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.3	13.9	15.6	17.2
-87.5°	0.0	0.8	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	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





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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°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
85°	18.8	20.4	22.6	24.9	26.7	28.4	29.8	30.9	33.0	35.2	37.5
82.5°	32.1	35.6	39.0	42.3	44.6	46.4	48.1	50.7	55.2	59.5	63.5
80°	46.0	50.7	55.9	61.1	65.5	69.9	74.5	79.3	84.2	88.8	93.3
77.5°	61.4	68.2	74.8	81.3	87.7	94.6	101.3	107.7	113.9	119.8	125.4
75°	77.4	85.6	94.5	103.4	112.0	120.3	128.5	137.2	145.5	153.5	161.1
72.5°	94.3	105.2	115.8	126.1	137.2	148.2	158.7	168.9	178.8	189.2	200.1
70°	112.3	124.7	138.5	151.7	164.2	177.2	190.2	201.5	212.2	226.4	241.0
67.5°	130.8	147.5	163.1	178.0	194.6	209.9	223.3	237.5	252.8	269.2	283.7
65°	152.6	170.8	188.9	207.7	226.9	242.8	259.5	277.2	294.5	310.9	326.6
62.5°	174.1	194.6	215.4	236.0	255.7	274.9	295.0	314.7	333.6	352.8	369.7
60°	194.8	218.1	240.1	261.5	283.9	307.7	330.0	351.8	374.5	396.2	407.6
57.5°	214.9	239.7	262.7	286.8	313.0	340.0	363.3	388.1	407.6	422.6	437.3
55°	233.7	259.5	284.7	311.8	340.3	368.3	394.3	416.3	434.4	448.2	463.7
52.5°	251.3	278.6	306.0	335.6	365.9	395.7	422.9	443.5	459.7	473.9	488.4
50°	268.6	297.3	326.2	358.7	391.1	422.8	449.5	468.4	483.7	498.2	513.1
47.5°	285.6	315.7	346.9	381.5	416.6	447.2	472.5	489.8	505.2	522.2	538.6
45°	302.3	334.8	367.9	405.0	440.3	469.8	491.3	508.7	527.7	546.0	563.6
42.5°	318.6	353.7	389.6	428.1	462.1	488.7	508.8	529.3	549.8	569.3	589.1
40°	335.1	371.8	409.8	448.1	482.4	505.4	526.6	548.6	571.3	592.5	614.5
37.5°	350.8	388.9	428.0	466.7	497.9	521.2	543.2	567.5	591.4	614.5	643.2
35°	365.8	404.4	443.9	481.3	511.4	535.4	560.1	585.6	610.7	640.6	673.3
32.5°	379.2	418.4	458.3	493.2	522.6	548.6	576.2	602.9	633.0	666.9	706.2
30°	390.5	430.5	470.7	504.8	533.5	560.9	590.9	620.4	655.5	696.4	743.0
27.5°	400.4	441.5	480.5	514.6	543.8	571.1	602.7	639.9	680.3	726.1	780.8
25°	409.6	452.6	489.8	523.6	552.0	580.6	614.4	655.6	704.1	759.2	826.3
22.5°	418.4	463.2	499.2	532.2	558.5	589.4	627.4	672.2	725.0	789.6	871.2
20°	426.7	471.1	506.8	538.9	563.3	597.0	638.9	686.8	746.7	823.7	918.1
17.5°	434.4	477.9	512.6	542.9	569.7	605.1	649.1	698.6	765.6	854.8	961.3
15°	441.4	483.6	517.4	546.1	575.4	613.7	659.6	713.3	786.4	884.3	999.5
12.5°	447.6	488.2	521.0	548.6	579.9	620.6	669.0	728.6	808.9	913.4	1047.9
10°	452.9	491.8	523.5	550.4	583.3	626.0	676.9	741.0	826.8	935.9	1085.2
7.5°	457.4	494.6	525.3	551.3	585.6	629.8	683.0	750.5	839.3	952.0	1112.1
5°	460.6	496.8	527.4	554.5	589.0	632.7	687.4	757.0	846.6	961.5	1128.8
2.5°	462.4	498.2	528.7	557.4	592.7	635.2	690.8	764.1	852.6	970.7	1141.6
0°	463.0	498.6	529.1	559.6	595.3	636.0	691.9	768.2	854.7	976.8	1149.8
-2.5°	462.4	498.2	528.7	557.4	592.7	635.2	690.8	764.1	852.6	970.7	1141.6
-5°	460.6	496.8	527.4	554.5	589.0	632.7	687.4	757.0	846.6	961.5	1128.8
-7.5°	457.4	494.6	525.3	551.3	585.6	629.8	683.0	750.5	839.3	952.0	1112.1
-10°	452.9	491.8	523.5	550.4	583.3	626.0	676.9	741.0	826.8	935.9	1085.2
-12.5°	447.6	488.2	521.0	548.6	579.9	620.6	669.0	728.6	808.9	913.4	1047.9
-15°	441.4	483.6	517.4	546.1	575.4	613.7	659.6	713.3	786.4	884.3	999.5
-17.5°	434.4	477.9	512.6	542.9	569.7	605.1	649.1	698.6	765.6	854.8	961.3
-20°	426.7	471.1	506.8	538.9	563.3	597.0	638.9	686.8	746.7	823.7	918.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	418.4	463.2	499.2	532.2	558.5	589.4	627.4	672.2	725.0	789.6	871.2
-25°	409.6	452.6	489.8	523.6	552.0	580.6	614.4	655.6	704.1	759.2	826.3
-27.5°	400.4	441.5	480.5	514.6	543.8	571.1	602.7	639.9	680.3	726.1	780.8
-30°	390.5	430.5	470.7	504.8	533.5	560.9	590.9	620.4	655.5	696.4	743.0
-32.5°	379.2	418.4	458.3	493.2	522.6	548.6	576.2	602.9	633.0	666.9	706.2
-35°	365.8	404.4	443.9	481.3	511.4	535.4	560.1	585.6	610.7	640.6	673.3
-37.5°	350.8	388.9	428.0	466.7	497.9	521.2	543.2	567.5	591.4	614.5	643.2
-40°	335.1	371.8	409.8	448.1	482.4	505.4	526.6	548.6	571.3	592.5	614.5
-42.5°	318.6	353.7	389.6	428.1	462.1	488.7	508.8	529.3	549.8	569.3	589.1
-45°	302.3	334.8	367.9	405.0	440.3	469.8	491.3	508.7	527.7	546.0	563.6
-47.5°	285.6	315.7	346.9	381.5	416.6	447.2	472.5	489.8	505.2	522.2	538.6
-50°	268.6	297.3	326.2	358.7	391.1	422.8	449.5	468.4	483.7	498.2	513.1
-52.5°	251.3	278.6	306.0	335.6	365.9	395.7	422.9	443.5	459.7	473.9	488.4
-55°	233.7	259.5	284.7	311.8	340.3	368.3	394.3	416.3	434.4	448.2	463.7
-57.5°	214.9	239.7	262.7	286.8	313.0	340.0	363.3	388.1	407.6	422.6	437.3
-60°	194.8	218.1	240.1	261.5	283.9	307.7	330.0	351.8	374.5	396.2	407.6
-62.5°	174.1	194.6	215.4	236.0	255.7	274.9	295.0	314.7	333.6	352.8	369.7
-65°	152.6	170.8	188.9	207.7	226.9	242.8	259.5	277.2	294.5	310.9	326.6
-67.5°	130.8	147.5	163.1	178.0	194.6	209.9	223.3	237.5	252.8	269.2	283.7
-70°	112.3	124.7	138.5	151.7	164.2	177.2	190.2	201.5	212.2	226.4	241.0
-72.5°	94.3	105.2	115.8	126.1	137.2	148.2	158.7	168.9	178.8	189.2	200.1
-75°	77.4	85.6	94.5	103.4	112.0	120.3	128.5	137.2	145.5	153.5	161.1
-77.5°	61.4	68.2	74.8	81.3	87.7	94.6	101.3	107.7	113.9	119.8	125.4
-80°	46.0	50.7	55.9	61.1	65.5	69.9	74.5	79.3	84.2	88.8	93.3
-82.5°	32.1	35.6	39.0	42.3	44.6	46.4	48.1	50.7	55.2	59.5	63.5
-85°	18.8	20.4	22.6	24.9	26.7	28.4	29.8	30.9	33.0	35.2	37.5
-87.5°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
-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: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	16.7	17.2	17.7	18.1	18.5	18.8	19.2	19.5	19.7	18.7	17.6
85°	39.8	41.3	42.7	44.0	45.2	46.2	47.2	48.1	48.8	48.2	47.4
82.5°	67.0	69.7	72.1	74.4	76.4	78.3	80.0	81.5	82.8	82.7	82.4
80°	97.5	101.9	106.3	110.6	114.9	117.5	119.3	120.7	121.7	122.1	122.2
77.5°	131.1	137.8	144.9	151.8	158.6	162.5	165.3	167.6	169.5	169.9	169.5
75°	168.2	177.0	186.6	195.0	202.2	206.7	209.8	212.5	214.6	215.1	214.9
72.5°	211.4	222.2	230.8	237.9	244.0	248.8	252.7	256.0	258.7	259.8	260.0
70°	253.9	264.5	272.7	279.9	285.9	290.9	295.6	299.6	302.9	305.3	307.1
67.5°	297.0	309.1	317.5	324.1	329.2	334.4	340.6	346.0	350.5	353.5	355.0
65°	341.3	353.8	361.9	369.0	375.3	381.9	388.8	393.9	397.2	399.2	400.6
62.5°	384.1	395.7	405.9	415.4	424.5	432.0	436.8	441.0	444.6	447.7	450.0
60°	420.8	435.7	447.1	456.2	465.1	473.7	479.5	484.1	487.7	490.3	492.0
57.5°	452.2	467.3	480.8	489.6	499.3	509.5	516.3	520.1	523.7	526.8	528.2
55°	479.6	493.6	506.1	518.1	528.9	538.1	545.3	550.5	554.8	558.3	559.5
52.5°	504.3	519.6	534.1	546.9	557.5	566.3	573.4	579.9	584.8	588.2	589.7
50°	530.2	546.7	562.3	576.2	587.1	597.0	605.8	613.5	620.8	626.6	630.7
47.5°	555.7	573.3	590.5	605.8	618.9	633.2	646.1	657.0	667.7	676.3	682.2
45°	581.5	601.7	620.4	640.2	657.9	676.7	694.2	709.2	724.7	736.3	744.2
42.5°	610.0	633.0	655.5	680.3	704.4	728.9	755.3	778.9	797.1	814.1	828.0
40°	640.6	666.9	696.4	726.7	762.2	794.5	830.0	860.5	888.1	917.2	940.4
37.5°	673.3	706.2	744.8	785.3	831.3	875.5	921.9	967.5	1007.3	1054.2	1090.0
35°	709.4	753.2	800.8	855.6	912.9	976.2	1039.7	1113.0	1176.0	1245.4	1305.9
32.5°	752.2	804.4	866.8	939.1	1012.8	1108.9	1198.6	1315.3	1416.2	1526.3	1637.2
30°	796.1	864.4	945.0	1036.1	1153.2	1285.3	1432.5	1606.0	1785.0	1958.1	2167.0
27.5°	850.6	933.1	1030.7	1163.7	1336.0	1514.5	1767.7	2028.2	2357.2	2629.2	3012.8
25°	907.2	1004.2	1142.9	1323.9	1548.7	1858.5	2242.7	2659.2	3237.9	3746.3	4342.6
22.5°	968.7	1099.8	1272.3	1495.7	1836.7	2312.2	2893.9	3677.8	4531.4	5437.7	6339.1
20°	1032.9	1191.4	1417.6	1741.4	2209.2	2853.3	3851.9	5062.0	6281.5	7776.9	9101.0
17.5°	1107.2	1309.0	1587.7	1992.6	2617.0	3603.6	4988.9	6678.3	8570.2	10720.2	12629.2
15°	1169.1	1409.7	1761.5	2328.0	3186.7	4453.8	6200.8	8524.8	11367.8	14255.3	17184.9
12.5°	1241.0	1519.3	1932.4	2608.0	3686.5	5370.3	7748.3	10689.9	14240.4	18245.6	22967.1
10°	1304.7	1626.9	2140.4	2976.7	4294.7	6326.2	9212.2	12751.2	17333.2	23095.7	30407.4
7.5°	1352.0	1712.5	2301.1	3257.3	4820.5	7245.3	10595.4	15008.4	20830.6	28440.0	38474.7
5°	1382.7	1774.5	2414.7	3473.9	5232.0	7929.3	11609.1	16609.4	23633.4	34395.6	51388.1
2.5°	1401.1	1811.2	2479.5	3600.9	5482.3	8382.6	12380.3	17820.0	25449.9	38076.2	59693.7
0°	1409.3	1821.4	2518.4	3668.2	5565.9	8557.5	12734.5	18371.7	26262.7	38936.1	61154.1
-2.5°	1401.1	1811.2	2479.5	3600.9	5482.3	8382.6	12380.3	17820.0	25449.9	38076.2	59693.7
-5°	1382.7	1774.5	2414.7	3473.9	5232.0	7929.3	11609.1	16609.4	23633.4	34395.6	51388.1
-7.5°	1352.0	1712.5	2301.1	3257.3	4820.5	7245.3	10595.4	15008.4	20830.6	28440.0	38474.7
-10°	1304.7	1626.9	2140.4	2976.7	4294.7	6326.2	9212.2	12751.2	17333.2	23095.7	30407.4
-12.5°	1241.0	1519.3	1932.4	2608.0	3686.5	5370.3	7748.3	10689.9	14240.4	18245.6	22967.1
-15°	1169.1	1409.7	1761.5	2328.0	3186.7	4453.8	6200.8	8524.8	11367.8	14255.3	17184.9
-17.5°	1107.2	1309.0	1587.7	1992.6	2617.0	3603.6	4988.9	6678.3	8570.2	10720.2	12629.2
-20°	1032.9	1191.4	1417.6	1741.4	2209.2	2853.3	3851.9	5062.0	6281.5	7776.9	9101.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	968.7	1099.8	1272.3	1495.7	1836.7	2312.2	2893.9	3677.8	4531.4	5437.7	6339.1
-25°	907.2	1004.2	1142.9	1323.9	1548.7	1858.5	2242.7	2659.2	3237.9	3746.3	4342.6
-27.5°	850.6	933.1	1030.7	1163.7	1336.0	1514.5	1767.7	2028.2	2357.2	2629.2	3012.8
-30°	796.1	864.4	945.0	1036.1	1153.2	1285.3	1432.5	1606.0	1785.0	1958.1	2167.0
-32.5°	752.2	804.4	866.8	939.1	1012.8	1108.9	1198.6	1315.3	1416.2	1526.3	1637.2
-35°	709.4	753.2	800.8	855.6	912.9	976.2	1039.7	1113.0	1176.0	1245.4	1305.9
-37.5°	673.3	706.2	744.8	785.3	831.3	875.5	921.9	967.5	1007.3	1054.2	1090.0
-40°	640.6	666.9	696.4	726.7	762.2	794.5	830.0	860.5	888.1	917.2	940.4
-42.5°	610.0	633.0	655.5	680.3	704.4	728.9	755.3	778.9	797.1	814.1	828.0
-45°	581.5	601.7	620.4	640.2	657.9	676.7	694.2	709.2	724.7	736.3	744.2
-47.5°	555.7	573.3	590.5	605.8	618.9	633.2	646.1	657.0	667.7	676.3	682.2
-50°	530.2	546.7	562.3	576.2	587.1	597.0	605.8	613.5	620.8	626.6	630.7
-52.5°	504.3	519.6	534.1	546.9	557.5	566.3	573.4	579.9	584.8	588.2	589.7
-55°	479.6	493.6	506.1	518.1	528.9	538.1	545.3	550.5	554.8	558.3	559.5
-57.5°	452.2	467.3	480.8	489.6	499.3	509.5	516.3	520.1	523.7	526.8	528.2
-60°	420.8	435.7	447.1	456.2	465.1	473.7	479.5	484.1	487.7	490.3	492.0
-62.5°	384.1	395.7	405.9	415.4	424.5	432.0	436.8	441.0	444.6	447.7	450.0
-65°	341.3	353.8	361.9	369.0	375.3	381.9	388.8	393.9	397.2	399.2	400.6
-67.5°	297.0	309.1	317.5	324.1	329.2	334.4	340.6	346.0	350.5	353.5	355.0
-70°	253.9	264.5	272.7	279.9	285.9	290.9	295.6	299.6	302.9	305.3	307.1
-72.5°	211.4	222.2	230.8	237.9	244.0	248.8	252.7	256.0	258.7	259.8	260.0
-75°	168.2	177.0	186.6	195.0	202.2	206.7	209.8	212.5	214.6	215.1	214.9
-77.5°	131.1	137.8	144.9	151.8	158.6	162.5	165.3	167.6	169.5	169.9	169.5
-80°	97.5	101.9	106.3	110.6	114.9	117.5	119.3	120.7	121.7	122.1	122.2
-82.5°	67.0	69.7	72.1	74.4	76.4	78.3	80.0	81.5	82.8	82.7	82.4
-85°	39.8	41.3	42.7	44.0	45.2	46.2	47.2	48.1	48.8	48.2	47.4
-87.5°	16.7	17.2	17.7	18.1	18.5	18.8	19.2	19.5	19.7	18.7	17.6
-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: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	16.4	15.2	15.3	15.3	15.3	15.2	16.4	17.6	18.7	19.7	19.5
85°	46.6	45.6	45.7	45.8	45.7	45.6	46.6	47.4	48.2	48.8	48.1
82.5°	81.8	81.0	81.3	81.4	81.3	81.0	81.8	82.4	82.7	82.8	81.5
80°	122.0	121.5	119.4	117.0	119.4	121.5	122.0	122.2	122.1	121.7	120.7
77.5°	168.6	167.1	165.2	162.8	165.2	167.1	168.6	169.5	169.9	169.5	167.6
75°	214.1	212.8	213.4	213.7	213.4	212.8	214.1	214.9	215.1	214.6	212.5
72.5°	259.6	258.5	259.2	259.5	259.2	258.5	259.6	260.0	259.8	258.7	256.0
70°	308.3	308.9	307.6	305.3	307.6	308.9	308.3	307.1	305.3	302.9	299.6
67.5°	355.4	354.9	353.4	351.1	353.4	354.9	355.4	355.0	353.5	350.5	346.0
65°	401.0	400.6	401.4	401.9	401.4	400.6	401.0	400.6	399.2	397.2	393.9
62.5°	451.1	451.1	450.0	447.7	450.0	451.1	451.1	450.0	447.7	444.6	441.0
60°	492.6	492.2	490.8	488.4	490.8	492.2	492.6	492.0	490.3	487.7	484.1
57.5°	528.6	528.1	526.5	524.0	526.5	528.1	528.6	528.2	526.8	523.7	520.1
55°	559.6	558.9	557.2	554.6	557.2	558.9	559.6	559.5	558.3	554.8	550.5
52.5°	590.1	589.5	589.7	590.2	589.7	589.5	590.1	589.7	588.2	584.8	579.9
50°	633.3	634.2	633.4	630.9	633.4	634.2	633.3	630.7	626.6	620.8	613.5
47.5°	685.1	685.4	684.2	681.8	684.2	685.4	685.1	682.2	676.3	667.7	657.0
45°	750.3	754.1	755.1	753.0	755.1	754.1	750.3	744.2	736.3	724.7	709.2
42.5°	838.7	844.4	846.1	844.6	846.1	844.4	838.7	828.0	814.1	797.1	778.9
40°	954.7	961.3	962.5	961.6	962.5	961.3	954.7	940.4	917.2	888.1	860.5
37.5°	1115.1	1131.2	1138.7	1139.6	1138.7	1131.2	1115.1	1090.0	1054.2	1007.3	967.5
35°	1352.0	1383.9	1401.0	1409.3	1401.0	1383.9	1352.0	1305.9	1245.4	1176.0	1113.0
32.5°	1721.2	1785.2	1820.7	1816.3	1820.7	1785.2	1721.2	1637.2	1526.3	1416.2	1315.3
30°	2324.4	2436.3	2492.6	2477.7	2492.6	2436.3	2324.4	2167.0	1958.1	1785.0	1606.0
27.5°	3288.2	3490.5	3607.4	3591.9	3607.4	3490.5	3288.2	3012.8	2629.2	2357.2	2028.2
25°	4841.1	5210.1	5446.4	5387.9	5446.4	5210.1	4841.1	4342.6	3746.3	3237.9	2659.2
22.5°	7203.3	7828.5	8242.2	8191.2	8242.2	7828.5	7203.3	6339.1	5437.7	4531.4	3677.8
20°	10443.7	11395.2	12074.6	12164.7	12074.6	11395.2	10443.7	9101.0	7776.9	6281.5	5062.0
17.5°	14691.2	16199.9	17250.1	17425.4	17250.1	16199.9	14691.2	12629.2	10720.2	8570.2	6678.3
15°	20211.3	22677.3	24461.9	24609.2	24461.9	22677.3	20211.3	17184.9	14255.3	11367.8	8524.8
12.5°	27706.9	32666.5	35903.4	37328.4	35903.4	32666.5	27706.9	22967.1	18245.6	14240.4	10689.9
10°	38080.4	49472.4	56768.1	59510.8	56768.1	49472.4	38080.4	30407.4	23095.7	17333.2	12751.2
7.5°	55407.3	73293.0	93177.4	101652.2	93177.4	73293.0	55407.3	38474.7	28440.0	20830.6	15008.4
5°	75028.5	112148.8	147456.7	161244.4	147456.7	112148.8	75028.5	51388.1	34395.6	23633.4	16609.4
2.5°	95675.2	147415.3	195899.9	214861.1	195899.9	147415.3	95675.2	59693.7	38076.2	25449.9	17820.0
0°	103738.2	162857.2	216201.7	237463.1	216201.7	162857.2	103738.2	61154.1	38936.1	26262.7	18371.7
-2.5°	95675.2	147415.3	195899.9	214861.1	195899.9	147415.3	95675.2	59693.7	38076.2	25449.9	17820.0
-5°	75028.5	112148.8	147456.7	161244.4	147456.7	112148.8	75028.5	51388.1	34395.6	23633.4	16609.4
-7.5°	55407.3	73293.0	93177.4	101652.2	93177.4	73293.0	55407.3	38474.7	28440.0	20830.6	15008.4
-10°	38080.4	49472.4	56768.1	59510.8	56768.1	49472.4	38080.4	30407.4	23095.7	17333.2	12751.2
-12.5°	27706.9	32666.5	35903.4	37328.4	35903.4	32666.5	27706.9	22967.1	18245.6	14240.4	10689.9
-15°	20211.3	22677.3	24461.9	24609.2	24461.9	22677.3	20211.3	17184.9	14255.3	11367.8	8524.8
-17.5°	14691.2	16199.9	17250.1	17425.4	17250.1	16199.9	14691.2	12629.2	10720.2	8570.2	6678.3
-20°	10443.7	11395.2	12074.6	12164.7	12074.6	11395.2	10443.7	9101.0	7776.9	6281.5	5062.0



REPORT NUMBER: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	7203.3	7828.5	8242.2	8191.2	8242.2	7828.5	7203.3	6339.1	5437.7	4531.4	3677.8
-25°	4841.1	5210.1	5446.4	5387.9	5446.4	5210.1	4841.1	4342.6	3746.3	3237.9	2659.2
-27.5°	3288.2	3490.5	3607.4	3591.9	3607.4	3490.5	3288.2	3012.8	2629.2	2357.2	2028.2
-30°	2324.4	2436.3	2492.6	2477.7	2492.6	2436.3	2324.4	2167.0	1958.1	1785.0	1606.0
-32.5°	1721.2	1785.2	1820.7	1816.3	1820.7	1785.2	1721.2	1637.2	1526.3	1416.2	1315.3
-35°	1352.0	1383.9	1401.0	1409.3	1401.0	1383.9	1352.0	1305.9	1245.4	1176.0	1113.0
-37.5°	1115.1	1131.2	1138.7	1139.6	1138.7	1131.2	1115.1	1090.0	1054.2	1007.3	967.5
-40°	954.7	961.3	962.5	961.6	962.5	961.3	954.7	940.4	917.2	888.1	860.5
-42.5°	838.7	844.4	846.1	844.6	846.1	844.4	838.7	828.0	814.1	797.1	778.9
-45°	750.3	754.1	755.1	753.0	755.1	754.1	750.3	744.2	736.3	724.7	709.2
-47.5°	685.1	685.4	684.2	681.8	684.2	685.4	685.1	682.2	676.3	667.7	657.0
-50°	633.3	634.2	633.4	630.9	633.4	634.2	633.3	630.7	626.6	620.8	613.5
-52.5°	590.1	589.5	589.7	590.2	589.7	589.5	590.1	589.7	588.2	584.8	579.9
-55°	559.6	558.9	557.2	554.6	557.2	558.9	559.6	559.5	558.3	554.8	550.5
-57.5°	528.6	528.1	526.5	524.0	526.5	528.1	528.6	528.2	526.8	523.7	520.1
-60°	492.6	492.2	490.8	488.4	490.8	492.2	492.6	492.0	490.3	487.7	484.1
-62.5°	451.1	451.1	450.0	447.7	450.0	451.1	451.1	450.0	447.7	444.6	441.0
-65°	401.0	400.6	401.4	401.9	401.4	400.6	401.0	400.6	399.2	397.2	393.9
-67.5°	355.4	354.9	353.4	351.1	353.4	354.9	355.4	355.0	353.5	350.5	346.0
-70°	308.3	308.9	307.6	305.3	307.6	308.9	308.3	307.1	305.3	302.9	299.6
-72.5°	259.6	258.5	259.2	259.5	259.2	258.5	259.6	260.0	259.8	258.7	256.0
-75°	214.1	212.8	213.4	213.7	213.4	212.8	214.1	214.9	215.1	214.6	212.5
-77.5°	168.6	167.1	165.2	162.8	165.2	167.1	168.6	169.5	169.9	169.5	167.6
-80°	122.0	121.5	119.4	117.0	119.4	121.5	122.0	122.2	122.1	121.7	120.7
-82.5°	81.8	81.0	81.3	81.4	81.3	81.0	81.8	82.4	82.7	82.8	81.5
-85°	46.6	45.6	45.7	45.8	45.7	45.6	46.6	47.4	48.2	48.8	48.1
-87.5°	16.4	15.2	15.3	15.3	15.3	15.2	16.4	17.6	18.7	19.7	19.5
-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: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	19.2	18.8	18.5	18.1	17.7	17.2	16.7	16.2	15.6	15.0	14.4
85°	47.2	46.2	45.2	44.0	42.7	41.3	39.8	37.5	35.2	33.0	30.9
82.5°	80.0	78.3	76.4	74.4	72.1	69.7	67.0	63.5	59.5	55.2	50.7
80°	119.3	117.5	114.9	110.6	106.3	101.9	97.5	93.3	88.8	84.2	79.3
77.5°	165.3	162.5	158.6	151.8	144.9	137.8	131.1	125.4	119.8	113.9	107.7
75°	209.8	206.7	202.2	195.0	186.6	177.0	168.2	161.1	153.5	145.5	137.2
72.5°	252.7	248.8	244.0	237.9	230.8	222.2	211.4	200.1	189.2	178.8	168.9
70°	295.6	290.9	285.9	279.9	272.7	264.5	253.9	241.0	226.4	212.2	201.5
67.5°	340.6	334.4	329.2	324.1	317.5	309.1	297.0	283.7	269.2	252.8	237.5
65°	388.8	381.9	375.3	369.0	361.9	353.8	341.3	326.6	310.9	294.5	277.2
62.5°	436.8	432.0	424.5	415.4	405.9	395.7	384.1	369.7	352.8	333.6	314.7
60°	479.5	473.7	465.1	456.2	447.1	435.7	420.8	407.6	396.2	374.5	351.8
57.5°	516.3	509.5	499.3	489.6	480.8	467.3	452.2	437.3	422.6	407.6	388.1
55°	545.3	538.1	528.9	518.1	506.1	493.6	479.6	463.7	448.2	434.4	416.3
52.5°	573.4	566.3	557.5	546.9	534.1	519.6	504.3	488.4	473.9	459.7	443.5
50°	605.8	597.0	587.1	576.2	562.3	546.7	530.2	513.1	498.2	483.7	468.4
47.5°	646.1	633.2	618.9	605.8	590.5	573.3	555.7	538.6	522.2	505.2	489.8
45°	694.2	676.7	657.9	640.2	620.4	601.7	581.5	563.6	546.0	527.7	508.7
42.5°	755.3	728.9	704.4	680.3	655.5	633.0	610.0	589.1	569.3	549.8	529.3
40°	830.0	794.5	762.2	726.7	696.4	666.9	640.6	614.5	592.5	571.3	548.6
37.5°	921.9	875.5	831.3	785.3	744.8	706.2	673.3	643.2	614.5	591.4	567.5
35°	1039.7	976.2	912.9	855.6	800.8	753.2	709.4	673.3	640.6	610.7	585.6
32.5°	1198.6	1108.9	1012.8	939.1	866.8	804.4	752.2	706.2	666.9	633.0	602.9
30°	1432.5	1285.3	1153.2	1036.1	945.0	864.4	796.1	743.0	696.4	655.5	620.4
27.5°	1767.7	1514.5	1336.0	1163.7	1030.7	933.1	850.6	780.8	726.1	680.3	639.9
25°	2242.7	1858.5	1548.7	1323.9	1142.9	1004.2	907.2	826.3	759.2	704.1	655.6
22.5°	2893.9	2312.2	1836.7	1495.7	1272.3	1099.8	968.7	871.2	789.6	725.0	672.2
20°	3851.9	2853.3	2209.2	1741.4	1417.6	1191.4	1032.9	918.1	823.7	746.7	686.8
17.5°	4988.9	3603.6	2617.0	1992.6	1587.7	1309.0	1107.2	961.3	854.8	765.6	698.6
15°	6200.8	4453.8	3186.7	2328.0	1761.5	1409.7	1169.1	999.5	884.3	786.4	713.3
12.5°	7748.3	5370.3	3686.5	2608.0	1932.4	1519.3	1241.0	1047.9	913.4	808.9	728.6
10°	9212.2	6326.2	4294.7	2976.7	2140.4	1626.9	1304.7	1085.2	935.9	826.8	741.0
7.5°	10595.4	7245.3	4820.5	3257.3	2301.1	1712.5	1352.0	1112.1	952.0	839.3	750.5
5°	11609.1	7929.3	5232.0	3473.9	2414.7	1774.5	1382.7	1128.8	961.5	846.6	757.0
2.5°	12380.3	8382.6	5482.3	3600.9	2479.5	1811.2	1401.1	1141.6	970.7	852.6	764.1
0°	12734.5	8557.5	5565.9	3668.2	2518.4	1821.4	1409.3	1149.8	976.8	854.7	768.2
-2.5°	12380.3	8382.6	5482.3	3600.9	2479.5	1811.2	1401.1	1141.6	970.7	852.6	764.1
-5°	11609.1	7929.3	5232.0	3473.9	2414.7	1774.5	1382.7	1128.8	961.5	846.6	757.0
-7.5°	10595.4	7245.3	4820.5	3257.3	2301.1	1712.5	1352.0	1112.1	952.0	839.3	750.5
-10°	9212.2	6326.2	4294.7	2976.7	2140.4	1626.9	1304.7	1085.2	935.9	826.8	741.0
-12.5°	7748.3	5370.3	3686.5	2608.0	1932.4	1519.3	1241.0	1047.9	913.4	808.9	728.6
-15°	6200.8	4453.8	3186.7	2328.0	1761.5	1409.7	1169.1	999.5	884.3	786.4	713.3
-17.5°	4988.9	3603.6	2617.0	1992.6	1587.7	1309.0	1107.2	961.3	854.8	765.6	698.6
-20°	3851.9	2853.3	2209.2	1741.4	1417.6	1191.4	1032.9	918.1	823.7	746.7	686.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	2893.9	2312.2	1836.7	1495.7	1272.3	1099.8	968.7	871.2	789.6	725.0	672.2
-25°	2242.7	1858.5	1548.7	1323.9	1142.9	1004.2	907.2	826.3	759.2	704.1	655.6
-27.5°	1767.7	1514.5	1336.0	1163.7	1030.7	933.1	850.6	780.8	726.1	680.3	639.9
-30°	1432.5	1285.3	1153.2	1036.1	945.0	864.4	796.1	743.0	696.4	655.5	620.4
-32.5°	1198.6	1108.9	1012.8	939.1	866.8	804.4	752.2	706.2	666.9	633.0	602.9
-35°	1039.7	976.2	912.9	855.6	800.8	753.2	709.4	673.3	640.6	610.7	585.6
-37.5°	921.9	875.5	831.3	785.3	744.8	706.2	673.3	643.2	614.5	591.4	567.5
-40°	830.0	794.5	762.2	726.7	696.4	666.9	640.6	614.5	592.5	571.3	548.6
-42.5°	755.3	728.9	704.4	680.3	655.5	633.0	610.0	589.1	569.3	549.8	529.3
-45°	694.2	676.7	657.9	640.2	620.4	601.7	581.5	563.6	546.0	527.7	508.7
-47.5°	646.1	633.2	618.9	605.8	590.5	573.3	555.7	538.6	522.2	505.2	489.8
-50°	605.8	597.0	587.1	576.2	562.3	546.7	530.2	513.1	498.2	483.7	468.4
-52.5°	573.4	566.3	557.5	546.9	534.1	519.6	504.3	488.4	473.9	459.7	443.5
-55°	545.3	538.1	528.9	518.1	506.1	493.6	479.6	463.7	448.2	434.4	416.3
-57.5°	516.3	509.5	499.3	489.6	480.8	467.3	452.2	437.3	422.6	407.6	388.1
-60°	479.5	473.7	465.1	456.2	447.1	435.7	420.8	407.6	396.2	374.5	351.8
-62.5°	436.8	432.0	424.5	415.4	405.9	395.7	384.1	369.7	352.8	333.6	314.7
-65°	388.8	381.9	375.3	369.0	361.9	353.8	341.3	326.6	310.9	294.5	277.2
-67.5°	340.6	334.4	329.2	324.1	317.5	309.1	297.0	283.7	269.2	252.8	237.5
-70°	295.6	290.9	285.9	279.9	272.7	264.5	253.9	241.0	226.4	212.2	201.5
-72.5°	252.7	248.8	244.0	237.9	230.8	222.2	211.4	200.1	189.2	178.8	168.9
-75°	209.8	206.7	202.2	195.0	186.6	177.0	168.2	161.1	153.5	145.5	137.2
-77.5°	165.3	162.5	158.6	151.8	144.9	137.8	131.1	125.4	119.8	113.9	107.7
-80°	119.3	117.5	114.9	110.6	106.3	101.9	97.5	93.3	88.8	84.2	79.3
-82.5°	80.0	78.3	76.4	74.4	72.1	69.7	67.0	63.5	59.5	55.2	50.7
-85°	47.2	46.2	45.2	44.0	42.7	41.3	39.8	37.5	35.2	33.0	30.9
-87.5°	19.2	18.8	18.5	18.1	17.7	17.2	16.7	16.2	15.6	15.0	14.4
-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: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-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°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.8	7.0	6.1
85°	29.8	28.4	26.7	24.9	22.6	20.4	18.8	17.2	15.6	13.9	12.3
82.5°	48.1	46.4	44.6	42.3	39.0	35.6	32.1	28.5	24.8	21.1	18.4
80°	74.5	69.9	65.5	61.1	55.9	50.7	46.0	41.2	36.4	31.4	26.4
77.5°	101.3	94.6	87.7	81.3	74.8	68.2	61.4	54.4	47.9	41.7	35.4
75°	128.5	120.3	112.0	103.4	94.5	85.6	77.4	69.1	60.6	52.0	44.4
72.5°	158.7	148.2	137.2	126.1	115.8	105.2	94.3	83.7	73.8	63.8	53.6
70°	190.2	177.2	164.2	151.7	138.5	124.7	112.3	99.7	86.8	75.4	63.8
67.5°	223.3	209.9	194.6	178.0	163.1	147.5	130.8	115.9	101.5	86.8	73.8
65°	259.5	242.8	226.9	207.7	188.9	170.8	152.6	133.0	115.9	99.7	83.7
62.5°	295.0	274.9	255.7	236.0	215.4	194.6	174.1	152.1	130.6	112.3	94.3
60°	330.0	307.7	283.9	261.5	240.1	218.1	194.8	170.6	147.1	124.7	105.2
57.5°	363.3	340.0	313.0	286.8	262.7	239.7	214.9	188.6	163.0	138.2	115.7
55°	394.3	368.3	340.3	311.8	284.7	259.5	233.7	205.8	178.3	151.7	125.8
52.5°	422.9	395.7	365.9	335.6	306.0	278.6	251.3	222.4	193.0	164.6	136.8
50°	449.5	422.8	391.1	358.7	326.2	297.3	268.6	238.3	207.1	177.0	147.4
47.5°	472.5	447.2	416.6	381.5	346.9	315.7	285.6	253.9	220.5	188.8	157.8
45°	491.3	469.8	440.3	405.0	367.9	334.8	302.3	269.0	234.2	200.1	167.7
42.5°	508.8	488.7	462.1	428.1	389.6	353.7	318.6	283.9	247.5	211.0	177.1
40°	526.6	505.4	482.4	448.1	409.8	371.8	335.1	298.3	260.3	221.6	186.2
37.5°	543.2	521.2	497.9	466.7	428.0	388.9	350.8	312.2	272.3	232.3	194.7
35°	560.1	535.4	511.4	481.3	443.9	404.4	365.8	325.7	283.6	242.2	202.8
32.5°	576.2	548.6	522.6	493.2	458.3	418.4	379.2	337.3	294.2	251.3	210.4
30°	590.9	560.9	533.5	504.8	470.7	430.5	390.5	347.9	304.0	259.6	217.5
27.5°	602.7	571.1	543.8	514.6	480.5	441.5	400.4	357.5	313.1	267.3	224.3
25°	614.4	580.6	552.0	523.6	489.8	452.6	409.6	365.9	321.0	274.6	230.4
22.5°	627.4	589.4	558.5	532.2	499.2	463.2	418.4	373.2	327.9	281.2	235.8
20°	638.9	597.0	563.3	538.9	506.8	471.1	426.7	379.9	333.8	287.0	240.5
17.5°	649.1	605.1	569.7	542.9	512.6	477.9	434.4	385.7	338.8	292.0	244.6
15°	659.6	613.7	575.4	546.1	517.4	483.6	441.4	390.8	342.9	296.3	248.2
12.5°	669.0	620.6	579.9	548.6	521.0	488.2	447.6	395.0	346.0	299.9	251.5
10°	676.9	626.0	583.3	550.4	523.5	491.8	452.9	399.1	349.4	302.7	254.3
7.5°	683.0	629.8	585.6	551.3	525.3	494.6	457.4	403.8	352.2	304.6	256.5
5°	687.4	632.7	589.0	554.5	527.4	496.8	460.6	407.5	354.3	305.6	258.1
2.5°	690.8	635.2	592.7	557.4	528.7	498.2	462.4	410.4	355.7	305.8	259.2
0°	691.9	636.0	595.3	559.6	529.1	498.6	463.0	412.1	356.1	305.3	259.5
-2.5°	690.8	635.2	592.7	557.4	528.7	498.2	462.4	410.4	355.7	305.8	259.2
-5°	687.4	632.7	589.0	554.5	527.4	496.8	460.6	407.5	354.3	305.6	258.1
-7.5°	683.0	629.8	585.6	551.3	525.3	494.6	457.4	403.8	352.2	304.6	256.5
-10°	676.9	626.0	583.3	550.4	523.5	491.8	452.9	399.1	349.4	302.7	254.3
-12.5°	669.0	620.6	579.9	548.6	521.0	488.2	447.6	395.0	346.0	299.9	251.5
-15°	659.6	613.7	575.4	546.1	517.4	483.6	441.4	390.8	342.9	296.3	248.2
-17.5°	649.1	605.1	569.7	542.9	512.6	477.9	434.4	385.7	338.8	292.0	244.6
-20°	638.9	597.0	563.3	538.9	506.8	471.1	426.7	379.9	333.8	287.0	240.5



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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°	627.4	589.4	558.5	532.2	499.2	463.2	418.4	373.2	327.9	281.2	235.8
-25°	614.4	580.6	552.0	523.6	489.8	452.6	409.6	365.9	321.0	274.6	230.4
-27.5°	602.7	571.1	543.8	514.6	480.5	441.5	400.4	357.5	313.1	267.3	224.3
-30°	590.9	560.9	533.5	504.8	470.7	430.5	390.5	347.9	304.0	259.6	217.5
-32.5°	576.2	548.6	522.6	493.2	458.3	418.4	379.2	337.3	294.2	251.3	210.4
-35°	560.1	535.4	511.4	481.3	443.9	404.4	365.8	325.7	283.6	242.2	202.8
-37.5°	543.2	521.2	497.9	466.7	428.0	388.9	350.8	312.2	272.3	232.3	194.7
-40°	526.6	505.4	482.4	448.1	409.8	371.8	335.1	298.3	260.3	221.6	186.2
-42.5°	508.8	488.7	462.1	428.1	389.6	353.7	318.6	283.9	247.5	211.0	177.1
-45°	491.3	469.8	440.3	405.0	367.9	334.8	302.3	269.0	234.2	200.1	167.7
-47.5°	472.5	447.2	416.6	381.5	346.9	315.7	285.6	253.9	220.5	188.8	157.8
-50°	449.5	422.8	391.1	358.7	326.2	297.3	268.6	238.3	207.1	177.0	147.4
-52.5°	422.9	395.7	365.9	335.6	306.0	278.6	251.3	222.4	193.0	164.6	136.8
-55°	394.3	368.3	340.3	311.8	284.7	259.5	233.7	205.8	178.3	151.7	125.8
-57.5°	363.3	340.0	313.0	286.8	262.7	239.7	214.9	188.6	163.0	138.2	115.7
-60°	330.0	307.7	283.9	261.5	240.1	218.1	194.8	170.6	147.1	124.7	105.2
-62.5°	295.0	274.9	255.7	236.0	215.4	194.6	174.1	152.1	130.6	112.3	94.3
-65°	259.5	242.8	226.9	207.7	188.9	170.8	152.6	133.0	115.9	99.7	83.7
-67.5°	223.3	209.9	194.6	178.0	163.1	147.5	130.8	115.9	101.5	86.8	73.8
-70°	190.2	177.2	164.2	151.7	138.5	124.7	112.3	99.7	86.8	75.4	63.8
-72.5°	158.7	148.2	137.2	126.1	115.8	105.2	94.3	83.7	73.8	63.8	53.6
-75°	128.5	120.3	112.0	103.4	94.5	85.6	77.4	69.1	60.6	52.0	44.4
-77.5°	101.3	94.6	87.7	81.3	74.8	68.2	61.4	54.4	47.9	41.7	35.4
-80°	74.5	69.9	65.5	61.1	55.9	50.7	46.0	41.2	36.4	31.4	26.4
-82.5°	48.1	46.4	44.6	42.3	39.0	35.6	32.1	28.5	24.8	21.1	18.4
-85°	29.8	28.4	26.7	24.9	22.6	20.4	18.8	17.2	15.6	13.9	12.3
-87.5°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.8	7.0	6.1
-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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REPORT NUMBER: P627579 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
85°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
82.5°	15.8	13.2	10.6	8.0	5.3	2.3	0.0
80°	21.3	17.6	14.1	10.6	7.0	3.1	0.0
77.5°	29.0	22.6	17.6	13.2	8.8	3.8	0.0
75°	36.6	28.7	21.2	15.8	10.5	4.6	0.0
72.5°	44.1	34.7	25.9	18.4	12.1	5.3	0.0
70°	51.6	40.5	30.4	21.0	13.7	6.1	0.0
67.5°	60.1	46.3	34.8	24.2	15.3	6.8	0.0
65°	68.4	52.6	39.2	27.4	16.8	7.4	0.0
62.5°	76.6	59.4	43.4	30.4	18.3	8.1	0.0
60°	84.6	66.1	47.5	33.4	19.7	8.8	0.0
57.5°	93.4	72.5	52.6	36.3	21.5	9.4	0.0
55°	102.1	78.8	57.6	39.0	23.3	10.0	0.0
52.5°	110.5	85.1	62.5	41.7	25.1	10.5	0.0
50°	118.6	91.9	67.2	44.3	26.8	11.1	0.0
47.5°	126.5	98.4	71.8	46.9	28.4	11.6	0.0
45°	135.0	104.6	76.1	50.2	30.0	12.1	0.0
42.5°	143.1	110.6	80.3	53.3	31.6	12.5	0.0
40°	150.8	116.3	84.5	56.3	33.0	13.0	0.0
37.5°	158.2	121.6	88.8	59.2	34.5	13.4	0.0
35°	165.0	127.1	92.8	62.0	35.8	13.7	0.0
32.5°	171.5	132.5	96.6	64.6	37.1	14.1	0.0
30°	177.5	137.5	100.1	67.0	38.3	14.4	0.0
27.5°	183.1	142.1	103.5	69.3	39.4	14.6	0.0
25°	188.2	146.3	106.7	71.3	40.5	14.8	0.0
22.5°	192.8	150.1	109.6	73.2	41.4	15.0	0.0
20°	196.9	153.4	112.2	74.9	42.3	15.2	0.0
17.5°	200.3	156.2	114.5	76.4	43.1	15.3	0.0
15°	203.1	158.5	116.5	77.7	43.8	15.4	0.0
12.5°	205.3	160.4	118.2	78.9	44.4	15.5	0.0
10°	207.0	161.7	119.6	79.8	44.9	15.5	0.0
7.5°	208.2	162.6	120.7	80.5	45.3	15.5	0.0
5°	208.9	163.1	121.5	81.0	45.6	15.5	0.0
2.5°	209.0	163.2	121.9	81.3	45.7	15.4	0.0
0°	208.6	162.8	122.1	81.4	45.8	15.3	0.0
-2.5°	209.0	163.2	121.9	81.3	45.7	15.4	0.0
-5°	208.9	163.1	121.5	81.0	45.6	15.5	0.0
-7.5°	208.2	162.6	120.7	80.5	45.3	15.5	0.0
-10°	207.0	161.7	119.6	79.8	44.9	15.5	0.0
-12.5°	205.3	160.4	118.2	78.9	44.4	15.5	0.0
-15°	203.1	158.5	116.5	77.7	43.8	15.4	0.0
-17.5°	200.3	156.2	114.5	76.4	43.1	15.3	0.0
-20°	196.9	153.4	112.2	74.9	42.3	15.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	192.8	150.1	109.6	73.2	41.4	15.0	0.0
-25°	188.2	146.3	106.7	71.3	40.5	14.8	0.0
-27.5°	183.1	142.1	103.5	69.3	39.4	14.6	0.0
-30°	177.5	137.5	100.1	67.0	38.3	14.4	0.0
-32.5°	171.5	132.5	96.6	64.6	37.1	14.1	0.0
-35°	165.0	127.1	92.8	62.0	35.8	13.7	0.0
-37.5°	158.2	121.6	88.8	59.2	34.5	13.4	0.0
-40°	150.8	116.3	84.5	56.3	33.0	13.0	0.0
-42.5°	143.1	110.6	80.3	53.3	31.6	12.5	0.0
-45°	135.0	104.6	76.1	50.2	30.0	12.1	0.0
-47.5°	126.5	98.4	71.8	46.9	28.4	11.6	0.0
-50°	118.6	91.9	67.2	44.3	26.8	11.1	0.0
-52.5°	110.5	85.1	62.5	41.7	25.1	10.5	0.0
-55°	102.1	78.8	57.6	39.0	23.3	10.0	0.0
-57.5°	93.4	72.5	52.6	36.3	21.5	9.4	0.0
-60°	84.6	66.1	47.5	33.4	19.7	8.8	0.0
-62.5°	76.6	59.4	43.4	30.4	18.3	8.1	0.0
-65°	68.4	52.6	39.2	27.4	16.8	7.4	0.0
-67.5°	60.1	46.3	34.8	24.2	15.3	6.8	0.0
-70°	51.6	40.5	30.4	21.0	13.7	6.1	0.0
-72.5°	44.1	34.7	25.9	18.4	12.1	5.3	0.0
-75°	36.6	28.7	21.2	15.8	10.5	4.6	0.0
-77.5°	29.0	22.6	17.6	13.2	8.8	3.8	0.0
-80°	21.3	17.6	14.1	10.6	7.0	3.1	0.0
-82.5°	15.8	13.2	10.6	8.0	5.3	2.3	0.0
-85°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
-87.5°	5.3	4.4	3.5	2.7	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)